

# **THE ASSOCIATION OF AMERICAN GEOGRAPHERS**



## **2006 Annual Meeting Program**

**March 7 - 11, 2006**

**Chicago, Illinois**



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# **THE ASSOCIATION OF AMERICAN GEOGRAPHERS**



**2006 Annual Meeting  
March 7-11, 2006  
Chicago, Illinois**

## **PROGRAM**

**The Association of American Geographers**  
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Fax (202) 234-2744  
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**New for 2006: Presenting author(s) are indicated with an asterisk (\*).**

# AAG OFFICERS, COUNCILLORS, AND STAFF

## Officers

Richard A. Marston, President, Kansas State University  
Kavita K. Pandit, Vice President, University of Georgia  
Victoria A. Lawson, Past President, University of Washington  
Samuel Aryeetey-Attoh, Treasurer, Loyola University Chicago  
Jon T. Kilpinen, Secretary, Valparaiso University  
Douglas Richardson, Executive Director

## National Councillors

Thomas J. Baerwald, National Science Foundation  
Kirstin Dow, University of South Carolina  
Carol P. Harden, University of Tennessee  
Mei-Po Kwan, Ohio State University  
Ines M. Miyares, Hunter College  
Ann M. Oberhauser, West Virginia University

## Regional Division Councillors

*East Lakes:* Samuel Aryeetey-Attoh, Loyola University Chicago  
*Great Plains-Rocky Mountains:* Kevin S. Blake, Kansas State University  
*Middle Atlantic:* Martha Geores, University of Maryland  
*Middle States:* Gregory A. Pope, Montclair State University  
*New England-St. Lawrence Valley:* Timothy J. Rickard, Central Connecticut State University  
*Pacific Coast:* Stuart C. Aitken, San Diego State University  
*Southeastern:* Tyrel G. Moore, University of North Carolina-Charlotte  
*Southwestern:* Olen Paul Matthews, University of New Mexico  
*West Lakes:* Jon T. Kilpinen, Valparaiso University

## Staff

Robert Andelman, Chief Information Officer, Membership and Business Development  
Ivan Cheung, Director of GIScience Programs  
Robin Friedman, Journals Manager  
Gayathri Gopiram, Software Developer  
Heather Heimbuch, Communications Coordinator  
Ehsan M. Khater, Office Coordinator  
Oscar Larson, Conference Director  
Jongwon Lee, Education Fellow  
Teri Martin, Accounting Manager  
Megan Nortrup, Publications Coordinator and Newsletter Editor  
Douglas Richardson, Executive Director  
Nicholas Schiller, Careers in Geography Coordinator  
Michael Solem, Director of Educational Affairs  
Patricia Solis, Director of Research and Outreach  
John Wertman, Director of Public Policy

# COMMITTEES

## Local Arrangements Committee

Mark Bouman (Co-Chair), Chicago State University  
Jon T. Kilpinen (Co-Chair), Valparaiso University  
Jim Akerman, Newberry Library  
Daniel Block, Chicago State University  
Alec Brownlow, DePaul University  
Michael Conzen, University of Chicago  
Winifred Curran, DePaul University  
Lisa DeChano, Western Michigan University  
Dennis Grammenos, Northeastern Illinois University  
Richard Greene, Northern Illinois University  
Euan Hague, DePaul University  
Daniel Hammel, University of Toledo  
Erick Howenstine, Northeastern Illinois University  
John Hudson, Northwestern University  
Michael Lindberg, Elmhurst College  
Michael Longan, Valparaiso University  
Patrick McHaffie, DePaul University  
Sherry Meyer, University of Wisconsin - Milwaukee  
Virginia Parks, University of Chicago  
Joel Quam, College of DuPage  
John Schroeder, Joliet Junior College  
Rich Schultz, Elmhurst College  
Maureen Sioh, DePaul University  
David Wilson, University of Illinois - Urbana/Champaign  
Matt Zorn, Carthage College

# **GENERAL INFORMATION**

## **ACCESSIBILITY**

In support of the Americans with Disabilities Act, the AAG and its contracted facilities will accommodate reasonable requests for accessibility to the extent possible. Individuals requiring special accommodations are asked to make their specific needs known to the AAG or to the facilities.

## **ALCOHOL**

The AAG expects all attendees to act responsibly when consuming alcoholic beverages. Consumption of alcohol by those under the age of 21 is prohibited.

## **BAGS/COATS/PACKAGES**

For security reasons, the AAG is unable to hold attendees' bags, packages, briefcases, coats, laptops or other personal items at registration. For your own safety and the security of your belongings, we strongly recommend checking these items at the bell stand of the Palmer House.

## **CHILD CARE**

AAG will reimburse registered attendees for child care at the rate of \$10 per hour for a maximum of 30 hours. Reimbursement forms will be available at the AAG Registration Desk. A check will be sent to the attendee after receipts have been furnished along with the reimbursement form. Reimbursement is only available for child care on-site in Chicago. No reimbursement is made for child care at your home while you are in Chicago. All child care arrangements should be made by the individual attendee. In-room hotel child care is available from American ChildCare Services, Inc. (312-644-7300 or [www.americanchildcare.com](http://www.americanchildcare.com)). AAG does not endorse, recommend, or promote any one agency. Responsibility for selection and investigation of an agency's credentials is the sole responsibility of the child's parent or guardian.

## **CONFERENCE ASSISTANTS**

Please report to the Conference Assistant Office (Registration Bay 4; Fourth Floor next to the AAG Registration Desk) no later than 30 minutes prior to your first scheduled shift. Upon check-in you will receive all pertinent information and instructions regarding your duties.



# GENERAL INFORMATION

## EXHIBITS

A vital part of the AAG Annual Meeting is the exhibit hall, where AAG members and attendees can see the latest tools in teaching, field research, graphic applications, computer modeling, and data collection and analysis. Learn about the most recent technical advances in the field, including cartography, GIS, and GPS. You'll also be able to view and purchase geography-related textbooks and publications while meeting with publishers.

Tuesday, March 7	International Reception in Exhibit Hall 6:30 pm – 8:30 pm
Wednesday, March 8	Hall Open 9:30 am – 5:30 pm
Thursday, March 9	Hall Open 9:30 am – 5:30 pm
Friday, March 10	Hall Open 9:30 am – 3:30 pm

## INTERNET ACCESS

Complimentary Internet stations and wireless Internet service will be provided by AAG to conference attendees in the the State Ballroom. The State Ballroom is located on the 4th floor of the Palmer House, across the hall from the AAG Registration Desk. As a courtesy to other conference attendees, please limit your time at the Internet stations to 15 minutes. Internet stations will only be open during registration hours (see page 10).

## MEETING VENUES

All meetings, sessions and special events will be held in the Palmer House Hilton Hotel. Workshops will be held in locations indicated in the description. All Field Trips will depart from the street level of the hotel at the Wabash Street entrance. Hotel address and contact information:

**Palmer House Hilton**  
17 East Monroe Street  
Chicago, IL 60603  
Phone (312) 726-7500  
Fax (312) 917-1707

## NON-SMOKING POLICY

The AAG maintains a non-smoking policy in all meeting rooms, the exhibit area, and the registration area. Smoking is allowed only in designated smoking areas of the hotel.

## PHOTOGRAPHY IN SESSIONS

Photos may not be taken during paper or poster presentations without the permission of the presenter. Anyone taking a photo without permission will be asked to leave the conference.

# GENERAL INFORMATION

## PRESENTATION CONTENT

The Annual Meeting of the Association of American Geographers is an open forum for sharing the results of research and teaching in geography and related specialties. The contents of annual meeting presentations by individuals or groups at the annual meeting are theirs alone. The Association of American Geographers neither endorses nor disclaims the conclusions, interpretations, or opinions expressed by speakers at its annual meeting.

## PROFESSIONAL CONDUCT

Professional ideas and information are exchanged most effectively at the AAG's Annual Meeting in an atmosphere free of abuse or harassment and characterized by courtesy and respect. To that end, the AAG expects all individuals who attend to conduct themselves in a manner that establishes an atmosphere free from discriminatory practices.

## REGISTRATION

AAG Registration will be located on the 4th Floor of the Palmer House (take escalators or elevator up to the 4th Floor from the Main Lobby). Registration will be open during the following hours:

Monday, March 6	4:00 p.m. - 7:00 p.m.
Tuesday, March 7	8:00 a.m. - 7:30 p.m.
Wednesday, March 8	7:00 a.m. - 6:00 p.m.
Thursday, March 9	7:00 a.m. - 7:00 p.m.
Friday, March 10	7:00 a.m. - 6:30 p.m.
Saturday, March 11	7:00 a.m. - 12:00 p.m.

## TRANSPORTATION

The CTA (Chicago Transit Authority) operates the nation's second largest public transportation system and covers the City of Chicago and 40 surrounding suburbs. CTA has approximately 2,000 buses that operate over 150 routes and serve more than 12,000 posted bus stops. CTA's 1,190 rapid transit cars (rail) operate over seven routes and 222 miles of track, serving 144 stations.

The Palmer House is just blocks from the CTA Rail Blue Line Monroe/Dearborn stop and the Orange Line Adams/Wabash stop. Rail Fares are \$2.00 one-way and \$0.25 for transfers. One-day Passes (providing unlimited travel for 1-day on CTA Rail) are available for \$5/day. Two (\$9), three (\$12), five (\$18) and seven (\$20) day passes are also available. The Blue Line services Chicago O'Hare International Airport (approx. 40 minutes from Monroe/Dearborn stop) and the Orange Line services Midway Airport (approx. 30 minutes from Adams/Wabash stop). Bus fares are \$1.75 one-way.

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# LOCATION OF MEETING ROOMS

## LIST OF MEETING ROOMS BY FLOOR:

### **THIRD FLOOR**

Private Dining Rooms 1-9  
Cresthill Room  
Crystal Room  
Wabash Parlor  
The Salons

### **FOURTH FLOOR**

Grand Ballroom (*Plenary Sessions*)  
State Ballroom (*Internet Access, AAG Booth*)  
Registration (*AAG Registration Desk, Conference Assistants Office*)  
Red Lacquer Room  
Exhibit Hall

### **FIFTH FLOOR**

Private Dining Rooms 16-18 (*JIG Exhibit*)

### **SIXTH FLOOR**

Monroe Ballroom  
Adams Ballroom  
Parlors A-J

### **SEVENTH FLOOR**

Dearborn Wing 1-3  
Clark Wing 1-10  
LaSalle Wing 1-5  
Sandburg Wing 1-8  
Montrose Wing 1-7  
Burnham Wing 1-5

## LOCATION OF MEETING ROOMS

### LIST OF MEETING ROOMS ALPHABETICALLY:

Adams Ballroom	Sixth Floor
Burnham Wing 1-5	Seventh Floor
Clark Wing 1-10	Seventh Floor
Cresthill Room	Third Floor
Crystal Room	Third Floor
Dearborn Wing 1-3	Seventh Floor
Exhibit Hall	Fourth Floor
<del>Grand Ballroom</del> <i>(Plenary Sessions)</i>	Fourth Floor
LaSalle Wing 1-5	Seventh Floor
Monroe Ballroom	Sixth Floor
Montrose Wing 1-7	Seventh Floor
Parlors A-J	Sixth Floor
Private Dining Rooms 1-9	Third Floor
Private Dining Rooms 16-18 <i>(JIG Exhibit)</i>	Fifth Floor
Red Lacquer Room	Fourth Floor
Registration Bays <i>(AAG Registration Desk, Conference Assistants Office)</i>	Fourth Floor
Salons	Third Floor
Sandburg Wing 1-8	Seventh Floor
State Ballroom <i>(Internet Access, AAG Booth)</i>	Fourth Floor
Wabash Parlor	Third Floor

# PLENARY SESSIONS

## OPENING SESSION PLENARY

Tuesday, March 7, 5:00 p.m. - 6:40 p.m. (Grand Ballroom)

Welcoming Remarks: Richard A. Marston, AAG President, Kansas State University

Introduction of Keynote Session: Douglas Richardson, AAG Executive Director

Opening Plenary Featuring **William J. Cronon**, University of Wisconsin, author of *Nature's Metropolis*; with **John C. Hudson**, Northwestern University and Chicago Mayor **Richard Daley** (*Invited*).

## PRESIDENTIAL PLENARY

Wednesday, March 8, 5:00 p.m. - 6:50 p.m. (Grand Ballroom)

The Presidential Plenary session on “Geography: the Original Integrated Environmental Science,” organized by AAG President **Richard A. Marston**, will be held Wednesday, March 8 at 5:00 p.m. Five outstanding scholars will present examples and general observations on how concepts from both human and physical geography relate to solving complex environmental problems.

### **Geography: the Original Integrated Environmental Science**

Introduction: Richard A. Marston, AAG President; Kansas State University

Speakers: Stephen J. Walsh, University of North Carolina

Carol P. Harden, University of Tennessee

Jean-Paul Bravard, L'Universite Lumiere-Lyon

Dawn J. Wright, Oregon State University

Billie L. Turner II, Clark University



# PLENARY SESSIONS

## **PAST PRESIDENT'S ADDRESS**

Thursday, March 9, 8:30 p.m. - 10:00 p.m. (Red Lacquer Room)

**Victoria A. Lawson** will deliver the Past President's Address on "Geographies of Care and Responsibility," following the AAG Annual Meeting Banquet. Introduction by Richard A. Marston, AAG President.

Banquet room doors are open to all members at 8:30 p.m. for this Address. We invite you to join us and enjoy the event with your colleagues, friends, and family. The AAG Banquet from 7:00 - 8:30 will precede the Past President's Address. You may reserve a full banquet table for your department, AAG Specialty Group, students, or friends. Individual tickets are \$65 and tickets for a table (seats ten) are \$630. Tickets can be purchased at the AAG Registration Desk. The Past President's Address at the conclusion of the banquet (at 8:30 p.m.) is open to all attendees at no charge.

## **HURRICANE KATRINA PLENARY**

Friday, March 10, 6:00 p.m. - 7:30 p.m. (Grand Ballroom)

### **Geographic Dimensions of Hurricane Katrina**

Introductory Remarks: Douglas Richardson, AAG Executive Director

Session Chair: Richard A. Marston, AAG President; Kansas State University

Speakers: Craig Colten, Louisiana State University

Stephen Leatherman, Florida International University

Susan L. Cutter, University of South Carolina

Robert W. Kates, Independent Scholar

Discussants: Marshall Shepherd - NASA Goddard Space Flight Center and University of Georgia

Clifton V. Dixon, Jr, University of Southern Mississippi

Michael Crutcher, University of Kentucky

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# SPECIAL EVENTS

## **AAG AWARDS LUNCHEON**

Join colleagues and friends in honoring the recipients of AAG Honors and other awards and prizes for 2006. The awards luncheon will be held on Saturday, March 11, 2006 in Red Lacquer Room from 11:40 a.m. to 2:00 p.m.

The following AAG Honors awards will be presented:

Susan Hardwick, University of Oregon  
Gilbert Grosvenor Honors for Geographic Education

Charles F. "Fritz" Gritzner, South Dakota State University  
Gilbert Grosvenor Honors for Geographic Education

John Agnew, University of California-Los Angeles  
Distinguished Scholarship Honors

William E. Doolittle, University of Texas at Austin  
Distinguished Scholarship Honors

Christopher "Kit" Salter, University of Missouri-Columbia  
Lifetime Achievement Honors

H. Jesse Walker, Louisiana State University  
Lifetime Achievement Honors

Craig Colten, Louisiana State University  
AAG Media Achievement Award

In addition to AAG Honors, the Anderson Medal in Applied Geography, and the J. Warren Nystrom Awards will be presented, as well as specialty group and other awards and prizes. The AAG's 2006 Fifty-Year Members will also be recognized at the luncheon. The cost of the luncheon is \$45, including service and tax. A complete table of ten is also available for \$420. Tickets can be purchased at the AAG Registration Desk.

## **SPECIAL EVENTS**

### **AAG AWARDS LUNCHEON (continued)**

The following individuals have held 50 years of continuous AAG membership, a measure of support for the Association that will be recognized at the AAG Awards Luncheon:

Bessie E. Burton  
Robert E. Gabler  
Allen D. Hellman  
David Hooson  
Eugene C. Kirchherr  
John W. Kunstmann  
James R. McDonald  
William Nizinski  
Richard R. Randall  
Henry A. Raup  
Robert Sinclair  
Norman R. Stewart  
Yi-Fu Tuan

### **AAG BANQUET/PAST PRESIDENT'S ADDRESS**

Past President **Victoria A. Lawson** will host the AAG Banquet on Thursday, March 9, in the Grand Ballroom. The banquet dinner begins at 7:00 p.m. Single tickets are still available for \$65 each, or you may purchase 10 tickets to reserve a full table for your department, AAG Specialty Group, or students or friends. Cost of a Banquet Table for 10 is \$620. To purchase individual tickets or an entire table, please visit the AAG Registration Desk. At the banquet, Presidential Achievement Awards will be presented to Wilbur Zelinsky and Trevor J. Barnes.

Following the banquet, doors will open to all members at 8:30 p.m. for the Past President's Address on "**Geographies of Care and Responsibility.**"

## SPECIAL EVENTS

### **AAG BUSINESS MEETING**

The AAG's annual Business Meeting will be held in the Crystal Room on Saturday, March 11 from 2:00 p.m. - 3:00 p.m. AAG officers will present their annual reports. All are welcome to attend.

### **AAG REGIONAL FILM SERIES**

Wednesday, March 8, 9:00 p.m. - 12:30 a.m., Grand Ballroom

Organizer: Douglas Richardson, Association of American Geographers

High Fidelity 113min (2000) 9:00 p.m.

In this hip comedy about the fear of commitment, hating your job, and falling in love, Rob (John Cusack), a record store owner and compulsive list maker, recounts his top five breakups, including the one in progress. Also features Jack Black, Catherine Zeta-Jones, Joan Cusack, and Tim Robbins.

The Fugitive 127min (1993) 10:55 p.m.

In this great action flick, Dr. Richard Kimble (Harrison Ford), accused of killing his wife, must find the real one-armed killer while avoiding Marshal Sam Gerard (Tommy Lee Jones). Joe Pantoliano and Sela Ward also star.

Friday, March 10, 9:00 p.m. - 12:30 a.m., Grand Ballroom

Organizer: Douglas Richardson, Association of American Geographers

The Blues Brothers 148min (1980) 9:00 p.m.

In one of the funniest films ever made, Jake Blues (John Belushi), just out from prison, puts together his old band to save the Catholic home where he and brother Elwood (Dan Aykroyd) were raised. Cameos by Aretha Franklin, Ray Charles, James Brown, and others.

Once Upon a Time in the Hood 99min (2004) 11:35 p.m.

A highly acclaimed independent action film by a Chicago born Latino director, Juan J. Frausto, about life in the gang-infested neighborhoods of Chicago's Little Village.

# SPECIAL EVENTS

## OPENING EVENING EVENTS

Tuesday, March 7, 5:00 p.m. - 11:00 p.m.

- 5:00 p.m. Opening Session Keynote Address by William J. Cronon, with John C. Hudson and Chicago Mayor Richard Daley (*invited*). Welcoming remarks by Richard A. Marston and Introduction by Douglas Richardson.
- 7:00 p.m. International Reception in the State Ballroom and Exhibit Hall: Mingle with colleagues from around the world while enjoying hors d'oeuvres and drinks. The reception will provide opportunities for all AAG participants to interact with overseas attendees and explore with them common interests in teaching, research, and service.
- 8:00 p.m. AAG Chicago Blues Band Welcome "Speakeasy" featuring The Big James Band, a premier Chicago blues/dance band.

## SESSION ON CHICAGO BASEBALL

Friday, March 10, 7:30 p.m. - 8:45 p.m., Salon 2

A session on "The Cultural Geography of Baseball in Chicago" will focus on the geographic identities and interplay of the Chicago Cubs and Chicago White Sox. The session draws its inspiration from the White Sox's victory in the 2005 World Series, which has spawned a renewed rivalry between Sox fans in the city's south side and their Cubs counterparts in the north side. Speakers to include a representative from each team and from the National Baseball Hall of Fame in Cooperstown, New York; a sports journalist; and geographers with topical knowledge. The session will be held March 10 at 7:30 pm. The general public will be allowed to register separately for this special session. Please direct any questions about this session to John Wertman, the AAG's Director of Public Policy, at [jwertman@aag.org](mailto:jwertman@aag.org).

## **SPECIAL EVENTS**

### **USGS DEMONSTRATION**

From Tuesday, March 7 to Friday, March 10 in booth #309 (during exhibit hall hours) conference attendees can see demonstrations of USGS capabilities in geographic research, applied geography, and geospatial data. Recent examples of USGS geography at work in addressing challenging issues for modern society and the natural world – particularly in the field of hazards – will be featured. USGS geographers will be on hand to provide information about online searching and ordering of data acquired from earth observing satellites. USGS geographers will also be available to present advances in online access to a broad array of geospatial data, including The National Map, and guide direct, hands-on geospatial data inquiries. Lively dialogue is encouraged.



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# **GEOGRAPHY AND LAW SESSION**

## **GEOGRAPHY AND LAW SESSION**

Tuesday, March 7, 2:00 p.m. - 4:40 p.m, Crystal Room

This special session, jointly sponsored by the Association of American Law Schools (AALS) and the Association of American Geographers (AAG) continues a joint exploration of the intersection between geography and the law. Two topics will be addressed in these initial sessions, and also during special counterpart sessions at the AALS Annual Meeting. We hope these will develop into a more comprehensive future symposium, continuing collaboration, and possible publications.

The first panel of the session will feature a discussion of legal issues arising from the proliferation of new geographic technologies—including integrated Geographic Management Systems (GMS), high resolution remote sensing, and Global Positioning Systems (GPS)—and the legal and social quandaries these powerful new geographic technologies pose for locational privacy. Presentations will be by geographer and AAG Executive Director Douglas Richardson and attorney and law professor Joel R. Reidenberg of Fordham University.

The second panel will focus on migration and ethnicity issues, with a comparative presentation on some of the geographic and legal dimensions of immigration in the United States and Europe, and a dialogue on race and college admission policies. Presentations will be by geographer and former AAG President Alexander Murphy of the University of Oregon and law professor Michael Olivas of the University of Houston.

These presentations will be a point of departure for discussions on the interaction of geography and the law. Discussants from both the AALS and AAG will engage the audience in follow-up conversation. This session takes place from 2:00 to 4:40 pm on Tuesday, March 7.

Discussants will include Olen Paul Matthews of the University of New Mexico, and others.

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# SYMPOSIUM ON GEOGRAPHY AND DRUG ADDICTION

## NIDA/AAG SYMPOSIUM ON GEOGRAPHY AND DRUG ADDICTION

The Association of American Geographers (AAG) and the National Institute on Drug Abuse (NIDA), in the National Institutes of Health (NIH) are jointly sponsoring this research symposium on Geography and Drug Addiction. Medical researchers, epidemiologists, geographers, public health officials, and others with experience in the geographical dimensions of drug addiction have come together today to share their research findings and conceptual perspectives. Results of the symposium will help guide the development of a future research agenda within geography and GISciences at NIDA.

### **2122. Introduction and Discussion of Symposium's Goals**

*Room:* Red Lacquer (Paper Session)

ORGANIZER(S): AAG and NIDA

CHAIR(S): Yonette Thomas, NIDA

Introduction and Overview: Yonette Thomas, NIDA, and Douglas Richardson, AAG

**8:10 Opening Keynote:** Sara McLafferty, University of Illinois, *Geography and Health: An Overview*

**8:40** Suchi Gopal, Boston University, Matt Adams, Boston University, Lauren Friel, Boston University, Mark Vanelli, Harvard University, Mark Albanese, Cambridge Health Alliance, *Modeling the Spatial Patterns of Addiction in the US.*

**8:55** Linda Becker, Washington State Department of Social and Health Services, Deron A. Ferguson, Washington State Department of Social and Health Services, Joseph R. Kabel, Looking Glass Analytics, Curtis E. Mack, Looking Glass Analytics, *Using Geographic Research and Technology to Support Prevention and Treatment of Drug Addiction in Washington State.*

**9:10** Xingyou Zhang, Georgia Southern University, Wei Tu, Georgia Southern University, *Social and Temporal Clusters of Narcotics Activities and Their Relationship to Social and Built Environments: A Case Study of Chicago.*

**9:25** Discussion

Discussant(s): Gerard Rushton, University of Iowa

### **2214. Geography of Injection Drug Users and HIV**

*Room:* Crystal (Paper Session)

ORGANIZER(S): AAG and NIDA

CHAIR(S): Steffanie Strathdee, U. of California, San Diego

**10:00** Samuel R. Friedman, National Development and Research Institutes, Barbara Tempalski, National Development and Research Institutes, Hannah L.F. Cooper, National Development and Research Institutes, Spencer Lieb, Florida Department of Health, Peter Flom, National Development and Research Institutes, Risa Friedman, National Development and Research Institutes, Don C. Des Jarlais, National Development and Research Institutes and Beth Isreal Medical Center, *Metropolitan Social Geography as a Factor in Patterns of Drug Use and of Related Infectious Disease and Services.*

# SYMPOSIUM ON GEOGRAPHY AND DRUG ADDICTION

- 10:15** Barbara Tempalski, National Development and Research Institutes, *Exploring Place Effects in the Geographic Distribution of Syringe Exchange Program.*
- 10:30** Steve Lankenau, University of Southern California, Jennifer Jackson Bloom, Children's Hospital Los Angeles, Bill Sanders, University of Southern California, Dodi Hathazi, Children's Hospital Los Angeles, *Mapping the First and Most Recent Injection of Ketamine Among Young Injection Drug Users (IDUs).*
- 10:45** Kimberly Brouwer, University of California School of Medicine – San Diego, Rafael Vela, El Colegio de la Frontera Norte, Remedios Lozada, Patronato COMUSIDA, Michelle Firestone, University of California School of Medicine – San Diego, Carlos Magis-Rodríguez, National Center for the Prevention and Control of HIV/AIDS, Steffanie A. Strathdee, University of California School of Medicine – San Diego, *Using GIS to Study IDU Risk Environments Along the Mexico/U.S. Border.*
- 11:00** Adrian Nagy, University of South Florida, *The Natural Diffusion of HIV in Drug use: a Spatial Analysis.*
- 11:15** Discussion

## **2222. Geographic Dimensions of Drug Treatment and Prevention**

Room: Red Lacquer (Paper Session)

ORGANIZER(S): AAG and NIDA

CHAIR(S): Andrew Curtis, Louisiana State U.

- 10:00** David Cleveland, TELESIS Corporation, Ilya Zaslavsky, Analytical Intelligence, *Developing Community Quality-of-life Indicators for Alcohol and Drug Treatment and Prevention in San Diego County, CA: Conceptual and Methodological Issues.*
- 10:15** Jeremy Mennis, Temple University, Silvana Mazzella, Temple University, Gerald Stahler, Temple University, Ralph Spiga, Temple University, *Community Effects on Treatment Continuity for Dually Diagnosed Patients.*
- 10:30** Bridget Freisthler, University of California at Los Angeles, *Understanding the Spatial Relationship of Supply and Demand Between Locations of Substance Abuse Treatment Services and Child Welfare Populations.*
- 10:45** Daniel Kivlahan, Veteran Health Administration, Everett Jones, Veteran Health Administration, Jodie Trafton, Veteran Health Administration, Gerald Hawley, Veteran Health Administration, Frank Cutler, Veteran Health Administration, Bruce Ripley, Veteran Health Administration, Jim Schaefer, Veteran Health Administration, *Geographic Information Analyses to Guide Substance Use Disorder Treatment Planning in the Veterans Health Administration.*
- 11:00** Jodie Trafton, Veteran Health Administration, Bruce Ripley, Veteran Health Administration, Dee Ramsel, Veteran Health Administration, Daniel Kivlahan, Veteran Health Administration, Jim Schaefer, Veteran Health Administration, *Geographic Information System Analyses: Determining How Travel-distance and Travel-time Impact Substance Use Disorder (SUD) Treatment.*
- 11:15** Discussion

# SYMPOSIUM ON GEOGRAPHY AND DRUG ADDICTION

**2322. Keynote Address**

Room: *Red Lacquer* (Keynote Address)

**12:15** Douglas Richardson, AAG, *Introduction*.

**12:20** Nora Volkow, Director, NIH National Institute on Drug Abuse, *Keynote Address*.

**2414. Prescription Drug, Opioid, and Methamphetamine Abuse**

Room: *Crystal* (Paper Session)

ORGANIZER(S): AAG and NIDA

CHAIR(S): Wilson Compton, NIDA

**1:00** Nabarun Dasgupta, University of North Carolina at Chapel Hill, John S.

Brownstein, Harvard University, Michele Jonsson-Funk, University of North Carolina at Chapel Hill, *Spatial Patterns in Opioid-related Mortality in the United States, 2002*.

**1:15** Marcella H. Sorg, University of Maine, William D. Parker, University of Maine, Ann Acheson, University of Maine, *Analysis of Drug Abuse/Misuse Patterns in Rural Areas Using a Geographic Information Systems Approach*.

**1:30** Robert Penfold, Columbus Children's Research Institute, Kathleen Pajer, Columbus Children's Research Institute, William Gardner, Columbus Children's Research Institute, Kelly J. Kelleher, Columbus Children's Research Institute, *Identifying Potential Stimulant Diversion via State Medicaid Claims Data*.

**1:45** Kevin Romig, University of North Dakota, *Geographies of Methamphetamine Abuse in North Dakota*.

**2:00** Max Lu, Kansas State University, Jessica Burnum, Kansas State University *Spatial analysis of Clandestine Methamphetamine Labs*.

**2:15** Discussion

**2422. Social Epidemiology of Drug Addiction**

Room: *Red Lacquer* (Paper Session)

ORGANIZER(S): AAG and NIDA

CHAIR(S): Yonette Thomas, NIDA

**1:00** Hannah L.F. Cooper, National Development and Research Institutes, Samuel R. Friedman, National Development and Research Institutes, Barbara Tempalski, National Development and Research Institutes, Risa Friedman, National Development and Research Institutes, *Residential Segregation and the Prevalence of Injection Drug Use Among Black Adult Residents of U.S. Metropolitan Areas*.

**1:15** C. Debra Furr-Holden, Pacific Institute for Research and Evaluation, *Developing Environmental Strategies for Violence AOD Prevention*.

**1:30** Paul Gruenewald, Pacific Institute for Research and Evaluation, *The Structure of the Built Environment and Space-time Models of Drugs and Violence*.

# SYMPOSIUM ON GEOGRAPHY AND DRUG ADDICTION

**1:45** Susan Boyd, University of Maryland School of Medicine, Kevin Armstrong, University of Maryland Baltimore County, LiJuan Fang, University of Maryland School of Medicine, Lisa Dixon, University of Maryland School of Medicine, *Using Computerized Mapping to Study the Geographic Relationship Between Substance Abuse Treatment Centers and Crime: Preliminary Results.*

**2:00** Karen Snedker, University of Washington, Jerald R. Herting, University of Washington, *Neighborhood Conditions and Adolescent Substance Use.*

**2:15** William Wiczorek, Buffalo State University, Alan Delmerico, Buffalo State University, *Neighborhood Risk Factors and Spatial Clusters of Drug Use.*

**2:30** Discussion

## **2522. Geography and Drug Addiction Posters**

**Room:** *Red Lacquer* (Posters will be on display all day from 8:00am-5:00pm. Authors will be available for discussion from 3:00pm-4:00pm)

ORGANIZER(S): AAG and NIDA

CHAIR(S): Wilson Compton, NIDA, Yonette Thomas - NIDA

**3:00 - 4:00** Poster Discussion

Bruce Anderson, University of Maryland at Baltimore, Scott Jeffrey, *Use of Poison Center Data and GIS Tools to Identify Substance Abuse Trends in Maryland.*

Mathew Archibald, Emory University, *Exploring the Effects of Disparities in Substance Abuse Treatment Provision: An Organizational Model.*

Aniruddha Banerejee, Prevention Research Center, Carol Cunradi, Prevention Research Center, Robert I. Lipton, Prevention Research Center, June Fisher, University of California School of Medicine – San Francisco, Niklas Krause, University of California School of Medicine – San Francisco, *Does Place of Residence Moderate the Consequences of Drinking and Smoking in a Blue Collar Cohort? - A Case Study of San Francisco Urban Transit Operators.*

Meagan Cahill, The Urban Institute, Nancy LaVigne, The Urban Institute, *Reentry and Residential Mobility in San Diego: Drug Use and Implications for Policy.*

Luc de Montigny, University of Washington, *Measuring the Relationship Between the Built Environment and Discarded Syringes in Montreal, Canada.*

Aimee Ferraro, University of Colorado at Denver, *The Geographic Distribution of Methamphetamine Laboratory Investigations in North Metro Denver.*

Samuel R. Friedman, National Development and Research Institutes, Joanne Brady, National Development and Research Institutes, Barbara Tempalski, National Development and Research Institutes, Hannah L.F. Cooper, National Development and Research Institutes, Karla Gostnell, National Development and Research Institutes, Moriah M. McGrath, National Development and Research Institutes, Risa Friedman, National Development and Research Institutes, Spencer Lieb, Florida Department of Health, Peter Flom, National Development and Research Institutes, Don C Des Jarlais, National Development and Research Institutes and Beth Isreal Medical Center, *Temporal Patterns of Injection Drug Use and of Related Infectious Disease and Services in Large US Metropolitan Areas 1993 – 2003.*

# SYMPOSIUM ON GEOGRAPHY AND DRUG ADDICTION

Traci Green, Yale University School of Public Health, *Substance Abuse Center Clients in Katrina- and Rita-Affected Areas: an Application of GIS to Hurricane Recovery Planning.*

David Huskins, University of Akron, *Demographic and Spatial Variations in Outcomes for a School Based Substance Abuse Intervention.*

Craig Laing, University of Tennessee at Chattanooga, *Meth in the Mountains: Methamphetamine's Growth in Appalachia.*

Dave Lemberg, Western Michigan University, *The Random Field Drug Testing Problem.*

Yongmei Lu, Texas State University – San Marcos, *Detecting the Dynamics of Drug Offenses Through Analyzing the Spatiotemporal Relationships Between Drug Offenses and Property Crimes.*

Michael Mason, Villanova University, Ivan Cheung, AAG, Leslie Walker, Georgetown University Medical Center, *Creating a Geospatial Database of Risks and Resources to Explore Urban Adolescent Substance Use.*

Cynthia Pope, Central Connecticut University, *Beyond Etiology: Geography's Contributions to Understanding and Preventing HIV and Hepatitis C risk in Injection Drug Users.*

Michele Shedlin, University of Texas at El Paso, Rita Arauz, Fundación Nimehuatzin, Pascual Ortells, Fundación Nimehuatzin, Mariana Aburto, Fundación Nimehuatzin, Danilo Norori, Fundación Nimehuatzin, *Exploratory Studies of Drug Use and HIV Risk in Nicaragua.*

Jodie Trafton, Veteran Health Administration, Bruce Ripley, Veteran Health Administration, Dee Ramsel, Veteran Health Administration, Daniel Kivlahan, Veteran Health Administration, Jim Schaefer, Veteran Health Administration, *Geographic Information System Analyses: Evaluating Whether Increased Access to Specialty Care Impacts Substance Use Disorder (SUD) Treatment Retention.*

Vladimir Yasenovsky, University of Alberta, *Neighborhood Spatial Accessibility to Alcohol and Gambling Opportunities in Edmonton, Canada.*

## **2522. Discussion, Conclusion and Next Steps**

*Room:* Red Lacquer (Paper Session)

ORGANIZER(S): AAG and NIDA

CHAIR(S): Wilson Compton, NIDA, Yonette Thomas - NIDA

**3:00** Poster viewing and discussion

**4:00** Discussion, *Development of Research Agendas on Geography and Drug Addiction.*



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# SPECIAL EVENTS

## **AAG Awards Luncheon**

Saturday, March 11, 11:40 a.m. - 2:00 p.m. (Red Lacquer Room)

## **AAG Banquet/Past President's Address**

Thursday, March 9, 7:00 p.m. - 10:00 p.m. (Red Lacquer Room)

## **AAG Business Meeting**

Saturday, March 11, 2:00 p.m. - 3:00 p.m. (Crystal Room)

## **AAG Jobs in Geography (JIG) Exhibit**

Wednesday, 8 March, 9:30 a.m. - 4:30 p.m. (Private Dining Room 18)

Thursday, 9 March, 9:30 a.m. - 4:30 p.m. (Private Dining Room 18)

Friday, 10 March, 9:30 a.m. - 4:00 p.m. (Private Dining Room 18)

## **AAG Regional Film Series**

Wednesday, March 8, 9:00 p.m. - 12:30 a.m. (Grand Ballroom)

Friday, March 10, 9:00 p.m. - 12:30 a.m. (Grand Ballroom)

## **All Ohio Party**

Thursday, March 9, 9:00 p.m. - 12:00 a.m. (Salon 10)

## **AP Human Geography Reception**

Wednesday, March 8, 7:00 p.m. - 9:00 p.m. (Salon 10)

## **CPGIS (International Association of Chinese Professionals in GIScience) Gathering**

Thursday, March 9, 8:30 p.m. - 10:30 p.m. (Private Dining Room 4)

## **Current Status and Trends in Spatial Statistics in Geography Featuring Honorary Geographer, Keith Ord**

Friday, March 10, 4:00 p.m. - 5:40 p.m. (Crystal Room)

## **Gender, Place and Culture Reception for Janice Monk Distinguished Lecture**

Wednesday, March 8, 12:15 p.m. - 1:00 p.m. (Salon 12)

## **Geographical Analysis Reception**

Thursday, March 8, 6:40 p.m. (Parlor B)

## **Geography and Law Session**

Tuesday, March 7, 2:00 p.m. - 4:40 p.m. (Crystal Room)

## **Michigan State University, Department of Geography Alumni and Friends Reception**

Thursday, March 9, 8:30 p.m. - 10:00 p.m. (Private Dining Room 9)

## **Minnesota Reception**

Wednesday, March 8, 8:30 p.m. - 11:30 p.m. (Salon 11)

## **NIDA/AAG Symposium on Geography and Drug Addiction**

Tuesday, March 7, 8:00 a.m. - 4:40 p.m. (Red Lacquer Room)

# SPECIAL EVENTS

## **NIDA/AAG Symposium on Geography and Drug Addiction**

### **Keynote Address by Nora Volkow, Director, NIH National Institute on Drug Abuse**

Tuesday, March 7, 12:15 p.m. - 12:50 p.m. (Red Lacquer Room)

## **Ohio State Reception**

Thursday, March 9, 8:00 p.m. - 11:00 p.m. (Private Dining Room 17)

## **Opening Evening Events**

Tuesday, March 7, 5:00 p.m. - 11:00 p.m.

5:00 p.m. Opening Session with William J. Cronon and John C. Hudson  
(Grand Ballroom)

7:00 p.m. International Reception (Exhibit Hall and State Ballroom)

8:00 p.m. Social Event and Chicago Blues Band (Red Lacquer Room)

## **Past President's Address featuring Victoria A. Lawson**

Thursday, March 9, 8:30 p.m. - 10:00 p.m. (Red Lacquer Room)

## **Physical Geography Reception**

Friday, March 10, 8:00 p.m. - 12:00 a.m. (Monroe Ballroom)

## **Presidential Plenary - Geography: the Original Integrated Environmental Science**

Wednesday, March 8, 5:00 p.m. - 6:30 p.m. (Grand Ballroom)

## **Plenary - Geographic Dimensions of Hurricane Katrina**

Friday, March 10, 6:00 p.m. - 7:30 p.m. (Grand Ballroom)

## **Retired Geographers Reception**

Friday, March 10, 8:30 p.m. - 10:30 p.m. (Private Dining Room 7)

## **Socialist and Critical Geography Specialty Group/James Blaut Award and Memorial Lecture**

Friday, March 10, 7:45 p.m. - 9:00 p.m. (Salon 10)

## **Session on Chicago Baseball**

Friday, March 10, 7:30 p.m. - 8:45 p.m. (Salon 2)

## **UCLA Geography Party**

Wednesday, March 8, 8:00 p.m. - 12:00 a.m. (Private Dining Room 7)

## **University at Buffalo Reception**

Thursday, March 9, 8:30 p.m. - 12:00 a.m. (Salon 12)

## **University of Georgia Reception**

Wednesday, March 8, 8:30 p.m. - 11:30 p.m. (Private Dining Room 9)

## **University of Maryland, Department of Geography Reception**

Wednesday, March 8, 7:00 p.m. - 9:00 p.m. (Salon 12)

## **University of South Carolina Reception**

Wednesday, March 8, 9:00 p.m. - 11:00 p.m. (Crystal Room)

# SPECIAL EVENTS

**University of Washington Reception**

Friday, March 10, 8:00 p.m. - 10:00 p.m. (Salon 11)

**U.S. Department of Labor Presentation with Keynote Address by Jennifer McNelly, U.S. DOL, Followed by special session on geographic technology and employment.**

Thursday, March 9, 12:00 p.m. - 2:40 p.m. (Private Dining Room 17)

**USGS Demonstration**

Tuesday, March 7 – Friday, March 10, Booth # 309 (during exhibit hall hours)

**Wiley - Meet and Greet with Authors Event**

Friday, March 10, 9:00 a.m. - 11:00 a.m. (Parlor F)

**World Geography Bowl**

Wednesday, March 8, 7:30 p.m. - 10:30 p.m. (Salon 1, Salon 2, Salon 4, Salon 5)



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# WORLD GEOGRAPHY BOWL

**Wednesday, March 8, 7:30 p.m.**

The AAG thanks the 2006 World Geography Bowl sponsors: Blackwell Publishing, Hammond World Atlas, John Wiley and Sons, National Geographic Society, and Rand McNally.

Student teams from the AAG's regional divisions will compete in a round robin starting at 7:30 p.m. in Salon 1, Salon 2, Salon 4, and Salon 5 (3rd floor). The championship round will begin at 10:00 p.m. in Salon 2.

*World Geography Bowl Directors*

Laurence W. Carstensen Jr., Virginia Tech  
Nikolas Schiller, AAG

*Judges*

Jennifer Collins, University of South Florida  
Tom Bell, University of Tennessee  
Peggy Gripshover, University of Tennessee  
Richard Deal, Edinboro University

*Moderators*

Sara Beth Keough, University of Tennessee  
Robert Edsall, Arizona State University  
Elizabeth Leppman, Write and Independent Scholar  
Diane Stanitski, Shippensburg University

*Final Round Judges*

Richard Marston, Kansas State University  
Tom Bell, University of Tennessee  
Peggy Gripshover, University of Tennessee

*Final Round Moderator*

Bill Carstensen, Virginia Tech

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# JOBS IN GEOGRAPHY (JIG)

## **Jobs in Geography Exhibit**

Jobs in Geography (JIG) exhibit will be located in Private Dining Room 18 (5th floor). The JIG sessions feature extensive information on careers in geography, professional development, and employment opportunities. The JIG exhibit will also feature numerous job postings in all fields of geography for students and job seekers. There will also be private interview rooms available to facilitate formal and informal job interviews.

The Jobs in Geography Area at the Annual Meeting will be open:

Wednesday, 8 March, 9:30 a.m. - 4:30 p.m.

Thursday, 9 March, 9:30 a.m. - 4:30 p.m.

Friday, 10 March, 9:30 a.m. - 4:00 p.m.

## **Career Related Sessions at the AAG Annual Meeting in Chicago**

Jobs in Geography also features an extensive set of sessions on careers in geography, professional development, and employment opportunities.

### **Getting a Job (Session 2424)**

*Wednesday, March 8, from 1:00 p.m - 2:40 p.m*

*Room: Private Dining Room 17*

### **Employment as a Biogeographer: Prospects, Insights, and Advice (Session 2524)**

*Wednesday, March 8, from 3:00 p.m- 4:40 p.m*

*Room: Private Dining Room 17*

### **Standing on the Threshold: Experiences of Women and Men at the Start of an Academic Career in Geography (Session 3124)**

*Thursday, March 9, from 8:00 a.m. - 9:40 a.m.*

*Room: Private Dining Room 17*

### **EDGE Panel I: Value and Importance of Geography for Employment (Session 3419)**

*Thursday, March 9, from 1:00 p.m - 2:40 p.m*

*Room: Private Dining Room 8*

### **EDGE Panel II: Quality of Career Preparation and Guidance in Geography Programs (Session 3519)**

*Thursday, March 9, from 3:00 p.m - 4:40 p.m*

*Room: Private Dining Room 8*

### **GIS Professional Certification: Issues and Perspectives for Geographers (Session 3550)**

*Thursday, March 9, from 3:00 p.m- 4:40 p.m*

*Room: LaSalle 1*

# JOBS IN GEOGRAPHY (JIG)

**Career Development and Graduate Geography (Session 3619)**

*Thursday, March 9, from 5:00 p.m - 6:40 p.m*

*Room: Private Dining Room 8*

**Career Trajectories in Geography (Session 4224)**

*Thursday, March 9, from 5:00 p.m - 6:40 p.m*

*Room: Private Dining Room 17*

**Careers in the Community: Bringing Research Skills to Social Change Organizations (Session 4128)**

*Friday, March 10, from 8:00 a.m. - 9:40 a.m.*

*Room: Parlor A*

**Mentoring Early Career Faculty: Issues and Strategies (Session 4319)**

*Friday, March 10, from 12:00 p.m - 1:40 p.m*

*Room: Private Dining Room 8*

**One Foot In III: Geographers Working in Other Disciplines: Academic Labor and Professional Development (Session 4335)**

*Friday, March 10, from 12:00 p.m - 1:40 p.m*

*Room: Parlor H*

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# SPECIALTY MEETINGS

**AAG Business Meeting**

Saturday, March 11, 2:00 p.m. - 3:00 p.m. (Crystal Room)

**AAG Committee on Committees Meeting**

Sunday, March 5, 1:00 p.m. - 3:00 p.m. (Private Dining Room 4)

**AAG Council Meeting**

Sunday, March 5, 3:00 p.m. - 7:00 p.m. (Private Dining Room 4)

Monday, March 6, 8:00 a.m. - 6:00 p.m. (Private Dining Room 4)

Tuesday, March 7, 8:00 a.m. - 12:00 p.m. (Private Dining Room 4)

**AAG Department Chairs Luncheon**

Thursday, March 9, 11:55 am - 12:50 pm (Red Lacquer Room)

**AAG EDGE Grant Committee Meeting**

Wednesday, March 8, 8:00 a.m. - 9:30 a.m. (Clark 2)

**AAG Executive Committee Meeting**

Sunday, March 5, 8:00 a.m. - 12:00 p.m. (Private Dining Room 4)

**AAG FIPSE Grant Steering Committee Meeting**

Friday, March 10, 7:30 p.m. - 9:30 p.m. (Parlor J)

**AAG Specialty Group Chairs Business Meeting**

Wednesday, March 8, 11:50 a.m. - 12:50 p.m. (Parlor F)

**Antipode Board Meeting**

Tuesday, March 7, 7:00 p.m. - 8:15 p.m. (Private Dining Room 5)

**Africa Specialty Group Business Meeting**

Wednesday, March 8, 7:00 pm - 8:00 pm (Parlor A)

**Applied Geography Specialty Group Business Meeting**

Wednesday, March 8, 7:00 pm - 8:00 pm (Parlor B)

**Asian Geography Specialty Group Business Meeting**

Wednesday, March 8, 7:00 pm - 8:00 pm (Parlor C)

**Bible Geography Specialty Group Business Meeting**

Thursday, March 9, 11:50 am - 12:50 pm (Salon 9)

**Big Ten Geography Chairs Annual CIC Meeting**

Wednesday, March 8, 1:00 pm - 5:00 pm (Clark 4)

**Biogeography Specialty Group Business Meeting**

Wednesday, March 8, 7:00 pm - 8:00 pm (Salon 8)

**Canadian Studies Specialty Group Business Meeting**

Friday, March 10, 7:30 pm - 8:30 pm (Salon 4)

**Cartography Specialty Group Business Meeting**

Friday, March 10, 7:30 pm - 8:30 pm (Salon 9)



# SPECIALTY MEETINGS

**China Specialty Group Business Meeting**

Thursday, March 9, 11:50 am - 12:50 pm (Salon 8)

**Climate Specialty Group Business Meeting**

Wednesday, March 8, 7:00 pm - 8:00 pm (LaSalle 5)

**Coastal and Marine Specialty Group Business Meeting**

Wednesday, March 8, 8:00 pm - 9:00 pm (Dearborn 1)

**Communication Geography Specialty Group Business Meeting**

Thursday, March 9, 11:50 am - 12:50 pm (Salon 7)

**Community College Affinity Group Business Meeting**

Friday, March 10, 7:00 am - 8:00 am (Montrose 3)

**Cryosphere Specialty Group Business Meeting**

Wednesday, March 8, 8:00 pm - 9:00 pm (Parlor A)

**Cultural and Political Ecology Specialty Group Business Meeting**

Wednesday, March 8, 8:00 pm - 9:00 pm (Parlor B)

**Cultural Geography Specialty Group Business Meeting**

Thursday, March 9, 11:50 am - 12:50 pm (Salon 12)

**Developing Areas Specialty Group Business Meeting**

Thursday, March 9, 11:50 am - 12:50 pm (Salon 4)

**Disability Specialty Group Business Meeting**

Friday, March 10, 7:30 pm - 8:30 pm (Burnham 1)

**Economic Geography Specialty Group Business Meeting**

Friday, March 10, 7:30 pm - 8:30 pm (Salon 6)

**Energy and Environment Specialty Group Business Meeting**

Friday, March 10, 7:30 pm - 8:30 pm (Salon 5)

**Environmental Perception & Behavioral Geography Specialty Group Business Meeting**

Thursday, March 9, 11:50 am - 12:50 pm (Salon 1)

**Ethics, Justice, and Human Rights Specialty Group Business Meeting**

Friday, March 10, 7:30 pm - 8:30 pm (Salon 1)

**Ethnic Geography Specialty Group Business Meeting**

Friday, March 10, 7:30 pm - 8:30 pm (Salon 8)

**European Specialty Group Business Meeting**

Friday, March 10, 7:30 pm - 8:30 pm (Salon 7)

**Geographic Information Science and Systems Specialty Group Business Meeting**

Thursday, March 9, 11:50 am - 12:50 pm (Salon 11)

**Geographic Perspectives on Women Specialty Group Business Meeting**

Friday, March 10, 7:30 pm - 8:30 pm (Parlor A)

# SPECIALTY MEETINGS

**Geographical Analysis Editorial Board Meeting**

Friday, March 10, 12:00 p.m. - 1:00 p.m. (Red Lacquer Room)

**Geography Education Specialty Group Business Meeting**

Thursday, March 9, 7:00 am - 8:00 am (Private Dining Room 9)

**Geography of Religions and Belief Systems Specialty Group Business Meeting**

Wednesday, March 8, 8:00 pm - 9:00 pm (Salon 8)

**Geomorphology Specialty Group Business Meeting**

Wednesday, March 8, 8:00 pm - 9:00 pm (Parlor C)

**Graduate Student Affinity Group Business Meeting**

Wednesday, March 8, 7:00 pm - 8:00 pm (Parlor D)

**GTU Executive Committee Meeting**

Wednesday, March 8, 8:00 a.m. - 2:00 p.m. (Parlor J)

**Hazards Specialty Group Business Meeting**

Wednesday, March 8, 7:00 pm - 8:00 pm (Parlor F)

**Historical Geography Specialty Group Business Meeting**

Thursday, March 9, 11:50 am - 12:50 pm (Burnham 1)

**History of Geography Specialty Group Business Meeting**

Thursday, March 9, 11:50 am - 12:50 pm (Parlor D)

**Human Dimensions of Global Change Specialty Group Business Meeting**

Wednesday, March 8, 11:50 am - 12:50 pm (Parlor E)

**Indigenous Peoples Specialty Group Business Meeting**

Wednesday, March 8, 8:00 pm - 9:00 pm (Parlor D)

**Journal of Transport Geography Editorial Board Meeting**

Thursday, March 9, 6:40 pm - 8:30 pm (Clark 4)

**Latin America Specialty Group Business Meeting**

Wednesday, March 8, 7:00 pm - 8:00 pm (Dearborn 1)

**Medical Geography Specialty Group Business Meeting**

Wednesday, March 8, 8:00 pm - 9:00 pm (Parlor F)

**Middle East Specialty Group Business Meeting**

Wednesday, March 8, 7:00 pm - 8:00 pm (Parlor G)

**Military Geography Specialty Group Business Meeting**

Wednesday, March 8, 8:00 pm - 9:00 pm (Parlor G)

**Mountain Geography Specialty Group Business Meeting**

Thursday, March 9, 11:50 am - 12:50 pm (Salon 2)

**Political Geography Specialty Group Business Meeting**

Wednesday, March 8, 7:00 pm - 8:00 pm (Salon 7)

# SPECIALTY MEETINGS

**Population Specialty Group Business Meeting**

Friday, March 10, 7:30 pm - 8:30 pm (Parlor B)

**Public/Private Affinity Group Business Meeting**

Friday, March 10, 7:30 pm - 8:30 pm (Parlor D)

**Qualitative Research Specialty Group Business Meeting**

Wednesday, March 8, 7:00 pm - 8:00 pm (Private Dining Room 6)

**Recreation, Tourism, and Sport Specialty Group Business Meeting**

Friday, March 10, 7:30 pm - 8:30 pm (Parlor E)

**Regional Development and Planning Specialty Group Business Meeting**

Friday, March 10, 7:30 pm - 8:30 pm (Private Dining Room 6)

**Remote Sensing Specialty Group Business Meeting**

Wednesday, March 8, 8:00 pm - 9:00 pm (Parlor E)

**Retired Geographers Affinity Group Business Meeting**

Friday, March 10, 7:30 pm - 8:30 pm (Private Dining Room 7)

**Rural Geography Specialty Group Business Meeting**

Friday, March 10, 7:30 pm - 8:30 pm (Private Dining Room 8)

**Russian, Central Eurasian, and East European Specialty Group Business Meeting**

Thursday, March 9, 11:50 am - 12:50 pm (Private Dining Room 4)

**Sexuality and Space Specialty Group Business Meeting**

Thursday, March 9, 11:50 am - 12:50 pm (Private Dining Room 5)

**Socialist and Critical Geography Specialty Group Business Meeting**

Thursday, March 9, 11:50 am - 12:50 pm (Private Dining Room 6)

**Spatial Analysis and Modeling Specialty Group Business Meeting**

Thursday, March 9, 11:50 am - 12:50 pm (Private Dining Room 7)

**Stand-Alone Geographers Affinity Group Business Meeting**

Wednesday, March 8, 7:00 pm - 8:00 pm (Private Dining Room 5)

**Transportation Geography Specialty Group Business Meeting**

Wednesday, March 8, 8:00 pm - 9:00 pm (Private Dining Room 4)

**Urban Geography Specialty Group Business Meeting**

Wednesday, March 8, 7:00 pm - 8:00 pm (Private Dining Room 4)

**Water Resources Specialty Group Business Meeting**

Wednesday, March 8, 8:00 pm - 9:00 pm (Private Dining Room 5)

**Wine Specialty Group Business Meeting**

Friday, March 10, 7:30 pm - 8:30 pm (Private Dining Room 16)

# WORKSHOPS

Workshops are not included in the conference registration fee. Registration will be available on-site if space permits. All workshops will be held in the Palmer House unless otherwise noted.

## TUESDAY, MARCH 7

### **Spatial Analysis and 3-D Visualization with ArcGIS**

Tuesday, March 7: 8:30 a.m. – 11:30 a.m.

Organizer/Instructor: Angela Lee, ESRI  
Ann Johnson, ESRI

Workshop Capacity: 15

Cost/Person: \$60 (*includes refreshments*)

Room: Salon 4

GIS is a powerful tool for spatial analysis and 3-D visualization of spatial data covering a variety of topics from terrain to crime statistics to atmospheric data. This workshop introduces tools available inside ArcGIS for spatial analysis, including proximity analysis and buffering, map algebra, and surface analysis. In addition it covers tools for visualizing and analyzing 3-dimensional data, such as visibility analysis and volumetric analysis. Some previous knowledge of GIS concepts and spatial data types is recommended.

### **Introduction to Spatial Statistics Using ArcGIS**

Tuesday, March 7: 1:00 p.m. – 4:00 p.m.

Organizer/Instructor: Angela Lee, ESRI  
Ann Johnson, ESRI

Workshop Capacity: 15

Cost/Person: \$60 (*includes refreshments*)

Room: Salon 4

This workshop will introduce users to the Spatial Statistics toolbox released with ArcGIS 9. It will cover basic spatial statistics concepts and introduce users to each of the functions in the Spatial Statistics toolbox including Mean Center, Standard Distance, Linear Directional Mean, Spatial Autocorrelation Analysis, Hot Spot Analysis, and Outlier Analysis. Discussion of these tools will be given within the context of real-world applications (crime, epidemiology, and demography). Participants will explore on their own the spatial patterns for an outbreak of dengue fever in India.

## WORKSHOPS

### **International Faculty in U.S. Universities: The Challenges of Surviving and Thriving in American Geography**

Tuesday, March 7: 1:00 p.m. – 5:00 p.m.

Organizers/Instructors: Heike Alberts, University of Wisconsin, Oshkosh  
Jennifer Collins, University of South Florida  
Kenneth Foote, University of Colorado, Boulder  
Susan Hume, Southern Illinois University, Edwardsville  
Wei Li, Arizona State University  
Janice Monk, University of Arizona  
Rebecca Theobald, University of Colorado, Boulder  
Yasser Ayad, Clarion University of Pennsylvania  
Kobena Hanson, West Virginia University  
Arthur Serratelli, Legal Consultant

Workshop Capacity: 30

~~Cost/Person: \$30~~ (includes refreshments and handouts)

Room: Salon 5/6

This workshop is designed for the advanced graduate students and early career faculty who have come to the U.S. from abroad. It addresses the professional and personal challenges of working here as a geographer in higher education. Topics include legal advice on securing residency, relations with students and colleagues, and personal and community concerns. The first 15 registrants will be eligible for a subsidy of \$100 per person towards transportation costs. Those who qualify will be notified by a workshop organizer. This workshop is sponsored by the Geography Faculty Development Alliance.

# WORKSHOPS

## WEDNESDAY, MARCH 8

### **NSF I: Writing Proposals for NSF Geography and Regional Science Research Grants**

Wednesday, March 8: 1:00 p.m. – 2:45 p.m.

Organizer/Instructor: Melinda Laituri, National Science Foundation  
Tom Baerwald, National Science Foundation

Workshop Capacity: 30

There is no fee to attend this workshop.

Room: Private Dining Room 16

This is a one-hour workshop intended for faculty members and professional geographers (not graduate student) who engage in research in geography and regional science and wish to learn about how to prepare proposals for a regular research grant. Program officers from the Geography and Regional Science Program at the National Science Foundation will discuss ways to improve the quality of a proposal and common fallacies to avoid in writing a competitive grant. Discussions will be followed by a question and answer opportunity.

### **Modern Stereoscopic Displays for Geographic Education**

Wednesday, March 8: 1:00 p.m. – 5:00 p.m.

Organizer/Instructor: Terry A. Slocum, University of Kansas  
Mathew D. Dunbar, University of Kansas  
Stephen L. Egbert, University of Kansas

Workshop Capacity: 20

Cost/Person: \$45 (*includes handouts, stereo data and refreshments*)

Room: Salon 6

A wide range of topics related to modern stereoscopic displays will be covered, including the creation of stereo data (i.e. stereo photo pairs, stereo panoramic photos, stereo animations and 3D GIS data), sources of existing stereo data, software for manipulating stereo data (e.g., WallView, StereoPhoto Maker, StereoMovie Maker, and ArcGIS), and hardware for stereoscopic viewing. With respect to the latter, we will demonstrate both a GeoWall (<http://www.geowall.org>) that we have built and an integrated system available from Cyviz (<http://www.cyviz.com/>).

# WORKSHOPS

## **Wine I: Geographical Basis of “Denominaciones de Origen” of Spanish Wine Regions**

Wednesday, March 8: 3:00 p.m. – 4:45 p.m.

Organizer/Instructor: Percy H. Dougherty, Kutztown University  
Luis Torres, VP of Education, Fortune Brands  
(Allied Domecq)

Workshop Capacity: 40

Cost/Person: \$20 (*includes wines that will be sampled*)

Room: Parlor F

Taste the Geography of Spain in a workshop on the origin of Spanish wine regions or denominaciones, a term equivalent to French appellations. Luis Torres, a specialist in Spanish wines, is employed by Fortune Brands, one of the largest importers of Spanish wine. Through a combination of discussion and tasting, learn how the physical and cultural conditions, as well as differences in grape variety, give a regional identification to Spanish wines. Participants will sample wines that are typical of several regions of Spain. A bonus will be the presentation of some older Spanish wines that are no longer available.

## **NSF II: Writing Proposals for NSF Geography and Regional Science Dissertation Grants**

Wednesday, March 8: 3:00 p.m. – 4:45 p.m.

Organizer/Instructor: Melinda Laituri, National Science Foundation  
Tom Baerwald, National Science Foundation

Workshop Capacity: 30

There is no fee to attend this workshop.

Room: Private Dining Room 16

This is a one-hour workshop intended for doctoral students in Geography and Regional Science who wish to learn about how to prepare proposals for a Doctoral Dissertation Research Improvement Grant (DDRI). DDRI grants may be requested up to \$12,000 to help doctoral candidates with their research needs. Program officers from the Geography and Regional Science Program at the National Science Foundation will discuss the 'dos' and 'don'ts' of writing a competitive grant followed by a question and answer opportunity.

# WORKSHOPS

## THURSDAY, MARCH 9

### **NSF III: Writing Proposals for NSF Geography and Regional Science CAREER Grants**

Thursday, March 9: 8:00 a.m. – 9:45 a.m.

Organizer/Instructor: Melinda Laituri, National Science Foundation  
Tom Baerwald, National Science Foundation

Workshop Capacity: 30

There is no fee to attend this workshop.

Room: Parlor F

This is a one-hour workshop intended for Geography and Regional Science faculty members at the Assistant Professor Rank who are in tenure-track positions and wish to learn about how to prepare proposals for a CAREER Grant. Program officers from the Geography and Regional Science Program at the National Science Foundation will discuss some of the rules associated with this particular grant, the ‘dos’ and ‘don’ts’ of writing a competitive grant, followed by a question and answer opportunity.

### **Great Lakes Economy: Federal Reserve Bank of Chicago Briefing**

Thursday, March 9: 10:00 a.m. - 1:00 p.m.

Organizer/Instructor: James Rubenstein, Miami University

Workshop Capacity: 50

Cost/Person: \$10 (*includes lunch*)

This workshop will be held off-site. Please meet your workshop group at the Street Level of the Palmer House near the Wabash Street entrance.

Federal Reserve Bank of Chicago Research Department personnel in the Regional Analysis group will review current conditions in the Midwest economy, offer outlook for future prospects, and provide detailed analysis of selected manufacturing, services, and energy sectors. Geographers can continue discussion with Research personnel at lunch, as guests of the Federal Reserve Bank of Chicago. Group will walk four blocks from Palmer House to Federal Reserve at 230 S LaSalle Street, in the heart of Chicago’s financial district (escort provided). Standard-issue government photo ID (any nationality) required to enter Federal Reserve building (staff will greet geographers in bank lobby to facilitate security clearance).



# WORKSHOPS

## **GIS for Non-Specialists**

Thursday, March 9: 10:00 a.m. - 1:00 p.m.

Organizer/Instructor: John Corbett, PhD, Mud Springs Geographers Inc.

Workshop Capacity: 50

**Cost/Person: \$25** (*includes handouts*)

Room: Parlor F

A workshop tailored for those who think GIS would enhance their classroom - or workforce - productivity and learning. This workshop will demonstrate how GIS simply fits in the workforce and in the classroom. Designed for those who need/want to explore the practical side of GIS, this workshop will challenge your thinking on where and how GIS can be applied. Be sure to bring your laptop computer for a hands-on learning experience. Electricity access will be limited, so laptop batteries should be fully charged.

## **Wine II: Etymology of the Burgundy Vineyards - The Romance of the Place Names**

Thursday, March 9: 3:00 p.m. – 5:00 p.m.

Organizer/Instructor: Percy H. Dougherty, Kutztown University  
Patrick E. Sere, Executive Vice President,  
Dreyfus, Ashby & Co.

Workshop Capacity: 50

**Cost/Person: \$20** (*includes wines that will be sampled*)

Room: Parlor F

The study of Burgundian place-names is a trip back in time and illuminates the fascinating world we call “terroir”. Each name has a story to tell, whether it’s related to history, geology, or other causes. Come and explore the geography of Burgundy, home to the most famous wines of France. Patrick Sere, long a student of place names, reaches back to early Celtic and Gallo-Roman to analyze the historical, cultural, and physical geography. The knowledge of these wines’ etymology can only enhance the pleasure of tasting three white and three red wines from the famed vineyards of Joseph Drouhin.

# WORKSHOPS

## FRIDAY, MARCH 10

### **NSF IV: Writing Proposals for NSF Geography and Regional Science Research Grants**

Friday, March 10: 8:00 a.m. – 9:45 a.m.

Organizer/Instructor: Melinda Laituri, National Science Foundation  
Tom Baerwald, National Science Foundation

Workshop Capacity: 30

There is no fee to attend this workshop.

Room: Private Dining Room 16

This is a one-hour workshop intended for faculty members and professional geographers (not graduate students) who engage in research in geography and regional science and wish to learn about how to prepare proposals for a regular research grant. Program officers from the Geography and Regional Science Program at the National Science Foundation will discuss ways to improve the quality of a proposal and common fallacies to avoid in writing a competitive grant. Discussions will be followed by a question and answer opportunity.

### **Materials to Help Teach Spatial Thinking Skills**

Friday, March 10: 2:00 p.m. – 4:00 p.m.

Organizer/Instructor: Phil Gersmehl, NY Center for Geographic Learning,  
Hunter College  
Jongwon Lee, Association of American Geographers

Workshop Capacity: 30

Cost/Person: \$10 (*includes handouts*)

Room: Private Dining Room 16

Recent research suggests that the human brain has several distinct areas that deal with specific kinds of spatial information -- landmarks, connections, sequences, edges, etc. This workshop will review some of that research and examine some instructional materials that are being designed to help teach various skills of spatial thinking in grades 6-12. Units will focus on several topics in U.S. and world geography and U.S. history; many will include links with current literacy and math initiatives.

**INSERT  
IMAGING NOTES AD**

## FIELD TRIPS

NOTE: Field trips are not included in the registration fee. If you wish to participate in any of the following you must register for the meeting and pay the additional fee. Registration will be available on-site if space permits.

**ALL FIELD TRIPS WILL BEGIN AND END AT THE WABASH STREET ENTRANCE ON THE STREET LEVEL OF THE HOTEL, UNLESS OTHERWISE NOTED IN DESCRIPTION.**

### **TUESDAY, MARCH 7**

#### **Edge City, Exurban and other Sprawling Landscapes of Chicago**

Tuesday, March 7: 8:00 a.m. - 3:30 p.m.

Organizer/Leader: Richard Greene, Northern Illinois University

Trip Capacity: 40

Cost/Person: \$40 (*includes transportation and handouts, no meals included*)

In spite of the recent population turnaround of Chicago, the edge city and exurban landscapes of the metropolitan region continue to expand at a rapid pace. The tech bubble crash of 2001 proved the resiliency of edge cities as edge city "ghost towns" were short lived. The commuting field of the metropolitan region continues to expand although more disjointed than in the past because of an increase in exurbs. The region's commuting population has decried sprawl and some local governments have responded with smart growth planning initiatives. These themes are explored by touring the following sprawling landscapes: (1) the Illinois Research and Development Corridor (Oak Brook to Aurora with a focus on suburban employment centers), (2) the downtowns of Naperville and Aurora for a contrast in revitalization efforts, (3) the exurbs west of Aurora and Elgin to illustrate the conflict between farmers and exurbanites, and (4) Hoffman Estates to Schaumburg to view corporate landscapes (Sears) and suburban retail (the Woodfield Mall and Ikea). Participants should bring money for lunch.

## FIELD TRIPS

### **Legacy of the Plan of Chicago**

Tuesday, March 7: 9:30 a.m. – 12:00 p.m.

Organizer/Leader: Dennis McClendon, Chicago CartoGraphics

Trip Capacity: 40

Cost/Person: \$30 (*includes transportation and handouts, no meals included*)

Daniel Burnham and Edward Bennett's 1909 vision for the city is still revered but the plan's actual results are often misunderstood or forgotten. This bus tour of the central city will look at the Plan's physical legacies: Navy Pier, North Michigan Avenue, Northerly Island, a straightened river, Ogden Avenue, Congress Parkway, Union Station, Wacker Drive. We'll look at projects that greatly benefited the city, at proposals that later generations reconsidered, and at heroic accomplishments that in the end meant little.

### **Re-Inventing Chicago's Core: The Diversity of New Upscale Housing Districts In and Near the Loop**

Tuesday, March 7: 12:30 p.m. - 4:30 p.m.

Organizer/Leader: Michael P. Conzen, University of Chicago

Nicholas M. Dahmann, University of Chicago

Trip Capacity: 50

Cost/Person: \$35 (*includes transportation and handouts, no meals included*)

This excursion will examine the exceptional volume and distribution of recent and ongoing upscale residential construction in central Chicago that is transforming the fundamental land-use pattern of the city's Loop and nearby districts. This re-peopling of the core parallels the radical upgrading of urban amenities and tax base in the new global era. The tour will visit a sequence of neighborhoods in which the six major building types (industrial/warehouse and office loft conversions, townhouses, detached single family houses, and low-and high-rise apartment/condo buildings) form different spatial associations with variably surviving traditional urban fabric, or they combine to completely reinvent neighborhood character.

# FIELD TRIPS

## WEDNESDAY, MARCH 8

### **Greening Chicago: From Downtown to the West Side**

Wednesday, March 8: 8:00 a.m. - 1:00 p.m.

Organizer/Leader: Mark Bouman, Chicago State University  
Rutherford Platt, University of Massachusetts-Amherst  
Daniel Block, Chicago State University

Trip Capacity: 40

Cost/Person: \$25 (*includes transportation and refreshments*)

This tour visits several key elements in the "greening of Chicago". A short walk from the Palmer House leads to the green roof atop City Hall. The tour then proceeds by bus to the predominantly African-American West Side, where several projects combine environmental assets with community redevelopment. These include the Center for Green Technology; the Jens Jensen-designed Garfield Park Conservatory and its related urban greening programs; and the urban agriculture efforts of Growing Power. Co-sponsored by the Ecological Cities Project of the University of Massachusetts-Amherst.

### **Natural Capital - Wetland Bank Sites Producing Environmental Credits for the Chicago Market**

Wednesday, March 8: 8:00 a.m. - 1:00 p.m.

Organizer/Leader: Morgan Robertson,  
U.S. Environmental Protection Agency

Trip Capacity: 20

Cost/Person: \$45 (*includes transportation, admission fees and refreshments*)

A thriving market for wetland credits has developed in the Chicago region since 1994, and serves as a model for current efforts to develop entrepreneurial markets in other environmental services such as habitat, water quality, and biodiversity. Accompanied by federal agency wetland staff and entrepreneurial wetland bankers, this trip will take participants to one of the earliest wetland bank sites, a newly-constructed bank, a typical non-bank wetland compensation site, and the contested site of a nationally-prominent Supreme Court decision in wetland policy. Light refreshments will be provided on the trip. Participants should wear long pants and boots (wading boots are optional).

## FIELD TRIPS

### **Steel Shadow: Mittal Mill Tour and the Legacy of Steel in the Chicago District**

Wednesday, March 8: 8:00 am – 5:00 pm

Organizer/Leader: Kevin Patrick, Indiana University of Pennsylvania

Trip Capacity: 40

Cost/Person: \$65 (*includes transportation, handouts and lunch*)

Not all of America's steel industry has fallen to rust and ruin under the combined pressure of economic restructuring and globalization. A handful of massive, integrated steel plants still pulse among the hollowed out mills strewn along the southern shores of the Great Lakes, evidence that the shore line break-of-bulk points between lake freighted iron ore and railroad carried coal continue to be viable places to smelt iron and steel. The Steel Shadow field trip will travel through urban and industrial landscapes built and marginalized by the rise and fall of the primary metals and metal fabricating industries on the south side edge of Lake Michigan. This will include a tour of Mittal Steel's Indiana Harbor facility. Once the site of two mills operated by LTV Corporation and Inland Steel, Indiana Harbor is now owned by Mittal, the planet's largest steel making firm. Each step of the steel making process will be seen and explained on a walking tour that will require stair-climbing, sturdy shoes, long sleeves, and weather-appropriate dress as part of it will be outdoors. Unfortunately, no pictures can be taken in the mill.

## FIELD TRIPS

### **Latino Chicago I: Ethnoscaping and Community Resistance in Puerto Rican Humboldt Park**

*(The Latin Chicago II tour is offered on Thursday)*

Wednesday, March 8: 8:30 a.m. - 12:00 p.m.

Organizer/Leader: Dennis Grammenos, Northeastern Illinois University

Trip Capacity: 30

Cost/Person: \$5 *(includes walking tour)*

The field trip will lead to Humboldt Park, a gentrifying Chicago neighborhood. Here, municipal policies that support the branding of commercial districts have been instrumental creating the Paseo Boricua, a Puerto Rican "ethnoscape." The walking tour will highlight the intersection of urban development policies and cultural politics that unfold in the streets of the neighborhood, as Puerto Rican nationalists have sought to subvert the intended consequences of the city's agenda by appropriating the ethnoscaping process in acts of contestation, resistance, and transgression. For more on this field trip email D-Grammenos@neiu.edu or visit <http://www.neiu.edu/~cgproj>. Participants will travel via public transportation, so please bring an additional \$5 to cover the cost of transportation. Please dress appropriately for the weather.

### **A Trip to Milwaukee: Brewpub Lunch, AGS Library, AAG Archives, and the 17th Century Maps and America Lecture, at the UW-Milwaukee Golda Meir Library**

Wednesday, March 8: 9:30 a.m. - 9:30 p.m.

Organizer/Leader: James Akerman, The Newberry Library  
Chris Baruth, AGS Library

Trip Capacity: 50

Cost/Person: \$50 *(includes transportation and admission fees, no meals included)*

This all-trip and visit to the incomparable American Geographical Society Library will depart from the Palmer House at 9:30 am. Tour participants will purchase their own lunch at a Milwaukee brew-pub, and then travel to the AGS Library at the University of Wisconsin-Milwaukee. Dr. Chris Baruth will offer an introduction to and tour of the library, which includes the archives of the AAG. The tour will conclude with the 17th annual Holzheimer Maps and America Lecture with Joel Morrison as the speaker: "Mapping the American Landscape" (reception at 5:00 pm and lecture at 6:00 pm.) The group will return to Chicago at 7:30 pm, arriving at 9:30 pm.



## FIELD TRIPS

### **Sweet Home Chicago: The Geography of the Blues**

Wednesday, March 8: 12:00 p.m. - 4:00 p.m.

Organizer/Leader: Brian Tomaszewski, Penn State University  
Michelle Tomaszewski, Penn State-Altoona

Trip Capacity: 20

Cost/Person: \$10 (*includes admission fees, no meals included*)

This trip will explore the historical roots of blues music in Chicago from its rural origins in the Mississippi delta region, through its transformation into an urban sound in post WW-II Chicago. It will also provide a general overview of how the city of Chicago is acknowledging this cultural gem of the city today. The trip will begin with a 30 minute, brown-bag (feel free to bring lunch with you) audio-visual presentation on the origins of the music, the migrations during the 1940's and 1950's that brought the sounds of the south to Chicago, and a brief review of the great practitioners of Chicago blues, both past and present. The trip will then visit Chess Records Studio, the legendary recording studio where the giants of blues music such as Muddy Waters made recordings that defined the Chicago blues sound. Information for further exploration of the blues in Chicago will also be provided. Participants will travel via public transportation to Chess Records Studio, so please bring \$4 (must be exact change) to cover the cost of transportation.

### **Chicago's New Front Yard: A Walking Tour of Millennium Park and the Chicago River Corridor**

*(This tour is also offered Thursday, Friday and Saturday)*

Wednesday, March 8: 1:00 p.m. - 4:00 p.m.

Organizer/Leader: James Marran, Geographical Society of Chicago

Trip Capacity: 10

Cost/Person: \$5 (*includes walking tour*)

An ever-changing Chicago is putting a new face on its downtown with the addition of fresh civic spaces. This 3-hour walking tour is a reflective meander through the recently complete exquisite Millennium Park, plus a stroll along the energetically revitalizing Chicago River and its environs. We will explore the River from the Michigan Avenue Bridge to its mouth at the O'Brien Lock to take a gander at the city's new East Side. As always, Chicago's architecture will prove breathtaking surprises. Participants should dress appropriately for the weather.

## FIELD TRIPS

### **Chicago Labor History Tour**

Wednesday, March 8: 1:00 p.m. - 5:00 p.m.

Organizer/Leader: Carrie Breitbach, Chicago State University  
Winifred Curran, DePaul University  
Leon Fink, University of Illinois Chicago

Trip Capacity: 20

Cost/Person: \$20 (*includes walking tour, transportation and handouts*)

The Chicago Labor History Tour will visit several sites on Chicago's Near West Side and Union Row. Tour destinations will include the 1886 Haymarket Massacre site, Progressive Era reformer Jane Addams' Hull House and several union halls in the Union Row area that was the center of Chicago's labor movement by the 1930s. The tour will be led by labor historian Leon Fink, one of the collaborator's on the Chicago Labor Trail map put together by the Chicago Center for Working Class Studies. We will use the El train and then walk around the Union Row and Near West Side sites. Please dress appropriately for the weather.

### **THURSDAY, MARCH 9**

### **Chicago and Calumet River Corridors: Past, Present, and Future**

Thursday, March 9: 8:00 a.m. - 4:00 p.m.

Organizer/Leader: Mark Bouman, Chicago State University  
Rutherford Platt, University of Massachusetts-Amherst  
Paul Heltne, Center for Humans and Nature

Trip Capacity: 40

Cost/Person: \$40 (*includes transportation, no meals included*)

The Chicago and Calumet Rivers which lap at the divide between the Great Lakes and Mississippi watersheds have been made to do the city's bidding in its drive to commercial and industrial ascendancy. This bus tour will examine the vexed history of these river corridors and the various efforts by the city of Chicago and local community residents to envision a greener future for them. Co-sponsored by the Ecological Cities Project at the University of Massachusetts-Amherst, the tour is led by Paul Heltne, President Emeritus of the Chicago Academy of Sciences and Mark Bouman of Chicago State University. Participants should bring money for lunch at a local restaurant.

## FIELD TRIPS

### **Inner Suburbs, Inner City: A Mosaic of Stability and Transformation in Historic Cultural Landscapes**

Thursday, March 9: 8:00 a.m. - 5:00 p.m.

Organizer/Leader: Norman Moline, Augustana College

Trip Capacity: 40

Cost/Person: \$40 (*includes transportation and refreshments*)

This trip will explore some of Chicago's historic suburbs and neighborhoods: Riverside, designed by Olmsted in 1869 as one of the nation's first suburbs; Berwyn, a century-old working class suburb dominated by Chicago-style bungalows; Oak Park, where Frank Lloyd Wright's Prairie architecture emerged in the early 1900s; Wicker Park and Old Town, neighborhoods started by Swedes and Germans, succeeded by other ethnic groups and now gentrified; Dearborn Park, a "new town, in town" on former railroad property; and the Robert Taylor Homes area, once the nation's largest public housing project, now largely demolished and being replaced by market housing. Participants should bring money for lunch.

### **Using GIS and GPS to Enhance the Effectiveness of Suburban Transit Service**

Thursday, March 9: 8:00 a.m. - 5:00 p.m.

Organizer/Leader: Ed Miller, Pace

Trip Capacity: 40

Cost/Person: \$50 (*includes transportation, admission fees and lunch*)

Pace, the thirteenth largest bus system in the country serving six counties in northeastern Illinois, recently implemented an Intelligent Bus System (IBS). The system uses GIS and GPS to more effectively provide fixed route service in a 3,446 square mile service area that is fifteen times larger than the City of Chicago. This field trip will visit one of Pace's facilities to see first hand how the IBS system is being used in the dispatch area and on the buses. The group will then travel to Pace's headquarters for a short presentation by senior staff who will talk about the benefits the agency has achieved through technology. There will also be a demonstration and discussion of web-based and desktop GIS applications developed by Pace staff to provide service information on fixed routes and vanpools to riders, and operational data to the planning staff. Lunch will be provided, so individuals with special dietary needs should contact the field trip organizer via email (please put "AAG Field Trip" in subject line of email) at [edward.milller@pacebus.com](mailto:edward.milller@pacebus.com).

## FIELD TRIPS

### **Cartographic Treasures of the Newberry Library**

*(This trip is also offered Friday and Saturday)*

Thursday, March 9: 9:00 a.m. - 11:30 a.m.

Organizer/Leader: James Akerman, The Newberry Library

Trip Capacity: 15

Cost/Person: \$5 *(includes field trip)*

Have you ever seen a fifteenth-century sea chart? Or a first edition of the *Theatrum Orbis Terrarum*, the first modern world atlas? On three occasions during the conference small groups will have the opportunity to visit the remarkable cartographic collections of the Newberry Library, located on Chicago Near North Side, approximately one mile north of the Palmer House. Each tour will be limited to 15 people and will be led by the library's map curatorial staff. Participants will travel via public transportation, so please bring an additional \$5 to cover the cost of transportation.

### **Chicago's New Front Yard: A Walking Tour of Millennium Park and the Chicago River Corridor**

*(This tour is also offered Wednesday, Friday and Saturday)*

Thursday, March 9: 9:00 a.m. - 12:00 pm.

Organizer/Leader: James Marran, Geographical Society of Chicago

Trip Capacity: 10

Cost/Person: \$5 *(includes walking tour)*

An ever-changing Chicago is putting a new face on its downtown with the addition of fresh civic spaces. This 3-hour walking tour is a reflective meander through the recently complete exquisite Millennium Park, plus a stroll along the energetically revitalizing Chicago River and its environs. We will explore the River from the Michigan Avenue Bridge to its mouth at the O'Brien Lock to take a gander at the city's new East Side. As always, Chicago's architecture will prove breathtaking surprises. Participants should dress appropriately for the weather.

# FIELD TRIPS

## **Latino Chicago II: Pilsen and Gentrification**

*(The Latin Chicago I tour is offered on Wednesday)*

Thursday, March 9: 9:00 a.m. - 12:00 p.m.

Organizer/Leader: Euan Hague, DePaul University

Trip Capacity: 20

Cost/Person: \$5 *(includes walking tour)*

This walking tour (approximately 3 miles) will examine the largely working class Mexican neighborhood of Pilsen. Located 3 miles southwest of Chicago's Loop, the area has been a port of entry for immigrants since the 19th Century. Facing pressures from the University Village condominium and town home development by the University of Illinois Chicago, and increased property speculation and conversion of industrial sites to high end residential units, residents of Pilsen are facing gentrification and a crisis of affordable housing. The tour will traverse Pilsen and visit sites of contest and resistance to these processes including art galleries, condominium developments and murals. Cold weather clothing and walking shoes are recommended. Participants will travel via public transportation, so please bring an additional \$5 to cover the cost of transportation.

## **Downtown Walking Trip - Chicago**

Thursday, March 9: 12:00 p.m. - 1:00 p.m.

Organizer/Leader: Sudhir K. Thakur, California State University  
Benet Haller, Department of Design and Planning,  
City of Chicago

Trip Capacity: 20

Cost/Person: \$5 *(includes walking tour)*

Chicago has often been called the 'greenest city,' the 'windiest city' and the city of 'skyscrapers'. The city has a history of developing urban plans as Daniel Burnham's 1909 Plan of Chicago resulted in the Wacker Drive, Soldier Field and Union Station landmarks. The 1958 plan led to McCormick Place, Daley Plaza, and the Ohio and Oak Street beaches. The 2002 plan aims to be just as bold in revitalizing the city with urban architecture, civic spaces, recreational and cultural centers. Come and join the one hour walking trip of downtown Chicago to learn and view how the urban landscape of downtown Chicago has changed over the last few decades and what it has to offer for future development. This field trip is sponsored by Regional Development Planning Specialty Group (AAG). Participants should dress appropriately for the weather.

# FIELD TRIPS

## **North Shore Railroad Suburbs**

Thursday, March 9: 1:00 pm – 5:30 pm

Organizer/Leader: Dennis McClendon, Chicago CartoGraphics

Trip Capacity: 40

Cost/Person: \$35 (*includes transportation and handouts, no meals included*)

Chicago's historic railroad suburbs are a distinctive settlement type. They offer useful lessons for today's urbanists, but there are cautionary tales as well. This tour by commuter train and bus looks at genteel North Shore suburbs—Evanston, Wilmette, Kenilworth, Winnetka, Glencoe, Highland Park, and Lake Forest—whose downtowns have both withstood change and been successfully redeveloped. We'll also visit two of the nation's earliest shopping centers: Lake Forest Market Square and Plaza del Lago.

## **FRIDAY, MARCH 10**

### **Eastern Christians in Chicago**

Friday, March 10: 8:00 a.m. - 1:00 p.m.

Organizer/Leader: James Landing, University of Illinois

Trip Capacity: 40

Cost/Person: \$45 (*includes transportation, admission fees and lunch*)

Participants leave the Palmer House at 8am by bus. Stop #1: Holy Trinity Cathedral (Russian Orthodox-Orthodox Church of America). This famous church, designed by Chicago architect Louis H. Sullivan to fit onto two Chicago lots, using provincial Russian models, was built by donations from the last Czar of the Russian Empire in the early 1900's. Holy Trinity members observe the Revised Julian Calendar. Stop #2: St. Volodymyr Ukrainian Orthodox Cathedral. This church, purchased from a Lutheran congregation, represents Ukrainian Orthodox who formed an independent diocese in the US to be free of Russian and Ukrainian hierarchs in Europe during the Soviet period. St. Volodymyr members observe the Julian Calendar. Stop #3: St. Nicholas Ukrainian Catholic Cathedral. Chicago contains more Ukrainians than any city besides Kiev and Winnipeg. Early members came from provinces of the Russian Empire before WW I. St. Nicholas members observe the Gregorian Calendar. Stop #4: shopping and visiting Chicago Avenue in the Ukrainian facility area. Stop #5: Sts. Volodymyr and

## FIELD TRIPS

Olha Ukrainian Catholic Church. This Byzantine style church is modeled after a Ukrainian building in the Vatican. It was founded by post-WW II Ukrainian immigrants from the Soviet Union, highly anti-communist and nationalistic, traits largely absent from the earlier Ukrainian immigrants from the Russian Empire. Sts. Volodymyr and Olha members observe the Julian Calendar. Stop #6: Lunch will be a Ukrainian meal served family style at the Ukrainian Cultural Center of Sts. Volodymyr and Olha, and will include entertainment with tamburitzas. Cameras will be welcomed and participants will be told at what appropriate times to use them. Personal donations of \$2.00 at each church will be welcomed but participants may offer more.

### **By Water, Rail and Road; Traversing the Illinois and Michigan Corridor**

Friday, March 10: 8:00 am – 6:00 pm

Organizer/Leader: Kevin Patrick, Indiana University of Pennsylvania  
Curt Roseman, University of South Carolina  
Libby Roseman, Independent Researcher

Trip Capacity: 50

Cost/Person: \$65 (*includes transportation, handouts and lunch*)

The Illinois and Michigan Corridor has historically been the Midwest's premier passage between the Great Lakes and the Mississippi system. From 1673, when Illinois Indians directed Louis Jolliet and Father Marquette over the portage to the nonstop traffic on today's Interstate-80, the corridor has attracted a bundled succession of transportation routes, including the Illinois & Michigan Canal, the Rock Island Railroad, the Chicago Sanitary and Ship Canal, and transcontinental US Route 6. Join Kevin Patrick and Curt Roseman on an exploration of transportation related built environments assembled, abandoned, and recycled into what would become America's first national heritage corridor. The trip will provide a contextual framework for the canal towns and railscapes, locks and lumberyards, early auto roadside architecture, grain elevators, port facilities, coal mines and mills that lie scattered throughout the corridor between Chicago and LaSalle-Peru.

## FIELD TRIPS

### **Cartographic Treasures of the Newberry Library**

(This trip is also offered Thursday and Saturday)

Friday, March 10: 9:00 a.m. - 11:30 a.m.

Organizer/Leader: James Akerman, The Newberry Library

Trip Capacity: 15

Cost/Person: \$5 (*includes field trip*)

Have you ever seen a fifteenth-century sea chart? Or a first edition of the *Theatrum Orbis Terrarum*, the first modern world atlas? On three occasions during the conference small groups will have the opportunity to visit the remarkable cartographic collections of the Newberry Library, located on Chicago Near North Side, approximately one mile north of the Palmer House. Each tour will be limited to 15 people and will be led by the library's map curatorial staff. Participants will travel via public transportation, so please bring an additional \$5 to cover the cost of transportation.

### **Fieldwork! A Behind-the-Scenes Tour of the Field Museum's Biodiversity Programs**

Friday, March 10: 9:00 a.m. - 12:00 p.m.

Organizer/Leader: Kenneth R. Young, University of Texas at Austin

Trip Capacity: 20

Cost/Person: \$37 (*includes transportation, admission fees and handouts, no meals included*)

Founded in 1893, the Field Museum of Chicago increases scientific knowledge and awareness through their anthropology, geology, botany, and zoology collections and exhibits. This "behind-the-scenes" tour will examine the challenges in managing information about biological diversity, making it available in useful forms, while maintaining the original specimens for future generations. We will visit the herbarium and the bird and mammal collections, which are just part of the 20 million items the museum preserves. We also will hear about their local and international programs for biodiversity conservation, which are located in the Division of Environment, Culture, and Conservation. This field trip is sponsored by Biogeography Specialty Group.



## FIELD TRIPS

### **Chicago's Elevated Rapid Transit System**

Friday, March 10: 9:00 a.m. - 1:30 p.m.

Organizer/Leader: William Peterman, Chicago State University  
Mark Bouman, Chicago State University  
Mike Shiffer, Chicago Transit Authority

Trip Capacity: 100

Cost/Person: \$40 (*includes transportation, no meals included*)

This tour by chartered elevated train explores city neighborhoods and the transportation system that has helped to build and sustain them since 1893. The train leaves from the Adams and Wabash CTA stop and will travel to the southwest, west, and north on three of the spokes of the system that radiate from the loop hub. (Some adjustment to these directions may take place if operational considerations demand it.) The tour focuses on the history and technology of Chicago's rapid transit system and also discusses various aspects of the neighborhoods along the way. Participants may wish to bring along a snack for the ride.

### **Ancient Lakes, "Natural" Parks and Political Cross-currents on Chicago's South Side: A Tour of Promontory Point, Jackson Park and Washington Park**

Friday, March 10: 9:00 a.m. - 3:00 p.m.

Organizer/Leader: Fredrick Blum, Chicago State University  
Jack Spicer, Hyde Park Historical Society

Trip Capacity: 40

Cost/Person: \$40 (*includes transportation, handouts and admission fees, no meals included*)

Promontory Point is a "prairie school" park designed by Alfred Caldwell in 1936. Built as a WPA project with a revetment of large limestone blocks, the "Point" has been the center of a six-year community struggle against a government plan to replace the limestone with concrete and steel. Jackson Park, designed by F.L. Olmsted in 1870 in the "naturalistic" tradition, was the site of the 1893 Columbian Exposition. Washington Park, also by Olmsted, for decades has served as a venue for the expression of African-American racial identity. There will be a stop for lunch (participants should bring money) at the Museum of Science and Industry food court.

## FIELD TRIPS

### **Walls of Respect and Dignity: A Chicago Mural Tour**

Friday, March 10: 10:00 a.m. - 4:00 p.m.

Organizer/Leader: Janet Halpin, Chicago State University  
Victor Alejandro Sorell, Chicago State University

Trip Capacity: 40

Cost/Person: \$40 (*includes transportation and handouts, no meals included*)

Chicago is a crucible of the contemporary community mural movement. The tour visits a number of murals dating from the 1970s through the present - by muralists like Bill Walker, Ray Patlán, Caryl Yasko, and Marcos Raya - and ranges through neighborhoods from Bronzeville, to Pilsen, to Humboldt Park. Tour guide Victor Alejandro Sorell, Professor of Art History at Chicago State University, has been closely associated with the movement for the past thirty-five years, as art historian, curator, and author of *A Guide to Chicago Murals: Yesterday and Today*. Bring money for a late lunch stop at Nuevo Leon restaurant.

### **Chicago's New Front Yard: A Walking Tour of Millennium Park and the Chicago River Corridor**

*(This tour is also offered Wednesday, Thursday and Saturday)*

Friday, March 10: 1:00 p.m. - 4:00 p.m.

Organizer/Leader: James Marran, Geographical Society of Chicago

Trip Capacity: 10

Cost/Person: \$5 (*includes walking tour*)

An ever-changing Chicago is putting a new face on its downtown with the addition of fresh civic spaces. This 3-hour walking tour is a reflective meander through the recently complete exquisite Millennium Park, plus a stroll along the energetically revitalizing Chicago River and its environs. We will explore the River from the Michigan Avenue Bridge to its mouth at the O'Brien Lock to take a gander at the city's new East Side. As always, Chicago's architecture will prove breathtaking surprises. Participants should dress appropriately for the weather.

# FIELD TRIPS

## SATURDAY, MARCH 11

### **Cartographic Treasures of the Newberry Library**

*(This trip is also offered Thursday and Friday)*

Saturday, March 11: 9:00 a.m. - 11:30 a.m.

Organizer/Leader: James Akerman, The Newberry Library

Trip Capacity: 15

Cost/Person: \$5 *(includes field trip)*

Have you ever seen a fifteenth-century sea chart? Or a first edition of the *Theatrum Orbis Terrarum*, the first modern world atlas? On three occasions during the conference small groups will have the opportunity to visit the remarkable cartographic collections of the Newberry Library, located on Chicago Near North Side, approximately one mile north of the Palmer House. Each tour will be limited to 15 people and will be led by the library's map curatorial staff. Participants will travel via public transportation, so please bring an additional \$5 to cover the cost of transportation.

### **Chicago's New Front Yard: A Walking Tour of Millennium Park and the Chicago River Corridor**

*(This tour is also offered Wednesday, Thursday and Friday)*

Saturday, March 11: 10:00 a.m. - 1:00 p.m.

Organizer/Leader: James Marran, Geographical Society of Chicago

Trip Capacity: 10

Cost/Person: \$5 *(includes walking tour)*

An ever-changing Chicago is putting a new face on its downtown with the addition of fresh civic spaces. This 3-hour walking tour is a reflective meander through the recently complete exquisite Millennium Park, plus a stroll along the energetically revitalizing Chicago River and its environs. We will explore the River from the Michigan Avenue Bridge to its mouth at the O'Brien Lock to take a gander at the city's new East Side. As always, Chicago's architecture will prove breathtaking surprises. Participants should dress appropriately for the weather.

**INSERT**  
**ROUTLEDGE/TAYLOR & FRANCIS**  
**AD US**  
**Page 1 or 2**

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**ROUTLEDGE/TAYLOR & FRANCIS**  
**AD US**  
**Page 2 of 2**

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**ROUTLEDGE/TAYLOR & FRANCIS**  
**AD UK**  
**Page 1 or 2**

**INSERT**  
**ROUTLEDGE/TAYLOR & FRANCIS**  
**AD UK**  
**Page 2 or 2**

# EXHIBIT HALL FLOOR PLAN

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# EXHIBITORS

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American Map Corporation .....	728
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Clark Labs .....	716
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# EXHIBITORS

<u>Exhibitor</u>	<u>Page Number</u>
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National Council for Geographic Education .....	611
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**INSERT**  
**BROOKS COLE/THOMSON AD**

# 2007 ANNUAL MEETING

**2007AAG Annual Meeting  
April 17-21, 2007  
Hilton San Francisco  
San Francisco, California**



Join the AAG next year in San Francisco, California and experience a world-class city, widely referred to as “Everybody’s Favorite City.” San Francisco hosted over 15 million visitors in 2004, making it one of the U.S.’s most popular destination for visitors.

Located on the beautiful San Francisco Bay, San Francisco is home to the Noa Valley, a colorful and pedestrian-friendly thoroughfare with trendy boutiques, pubs, outdoor cafes and restaurants; a 24-block Chinatown; Fisherman’s Wharf, a waterfront marketplace and pier; the Golden Gate Bridge; Alcatraz Island; the San Francisco Zoo; many world-renowned theatres and museums; any many more wonderful attractions.

Attendees can travel to San Francisco with ease from around the world. San Francisco International Airport, the area’s largest airport facility, hosts 22 domestic airline carriers and 27 international carriers.

Don’t miss the chance to visit one of America’s most popular cities. We look forward to seeing you there!

**INSERT  
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# CONFERENCE AT A GLANCE

	<b>Tuesday, March 7</b>	<b>Wednesday, March 8</b>
<b>7:00 am</b>		7:00 a.m. - 6:00 p.m. Registration
<b>8:00 am</b>	8:00 a.m. - 7:30 p.m. Registration Open	8:00 a.m. - 9:40 a.m. Sessions 21xx 8:00 a.m. - 4:40 p.m. Symposium on Geography & Drug Addiction (Red Lacquer Room)
<b>10:00 am</b>		9:30 a.m. - 5:30 p.m. Exhibit Hall Open 10:00 a.m. - 11:40 a.m. Sessions 22xx
<b>11:40 am</b>		11:50 a.m. - 12:50 p.m. Sessions 23xx
<b>1:00 pm</b>	2:00 p.m. - 4:40 p.m. Geography and Law Session (Crystal Room)	1:00 p.m. - 2:40 p.m. Sessions 24xx
<b>3:00 pm</b>		3:00 p.m. - 4:40 p.m. Sessions 25xx
<b>5:00 pm</b>	5:00 p.m. - 6:40 p.m. Opening Plenary Featuring William Cronon; with John Hudson. Chicago Mayor Richard Daly ( <i>Invited</i> ) (Grand Ballroom)	5:00 p.m. - 6:30 p.m. Presidential Plenary Session: Geography: the Original Integrated Environmental Science (Grand Ballroom)
<b>7:00 pm</b>	5:00 p.m. - 11:00 p.m. Opening Evening Events	7:00 p.m. - 8:00 p.m. Specialty Group Mtgs. (27xx) 7:30 pm - 10:30 pm World Geography Bowl
<b>8:00 pm</b>	5:00 p.m. - 11:00 p.m. Opening Evening Events	8:00 p.m. - 9:00 p.m. Specialty Group Mtgs. (28xx)
<b>9:00 pm</b>		9:00 p.m. - 12:30 a.m. AAG Regional Film Series (Grand Ballroom)



# CONFERENCE AT A GLANCE

<b>Thursday, March 9</b>	<b>Friday, March 10</b>	<b>Saturday, March 11</b>
7:00 a.m. - 7:00 p.m. Registration	7:00 a.m. - 6:30 p.m. Registration	7:00 a.m. - 12:00 p.m. Registration
8:00 a.m. - 9:40 a.m. Sessions 31xx  9:30 a.m. - 5:30 p.m. Exhibit Hall Open	8:00 a.m. - 9:40 a.m. Sessions 41xx	8:00 a.m. - 9:40 a.m. Sessions 51xx
10:00 a.m. - 11:40 a.m. Sessions 32xx	9:30 a.m. - 3:30 p.m. Exhibit Hall Open  10:00 a.m. - 11:40 a.m. Sessions 42xx	10:00 a.m. - 11:40 a.m. Sessions 52xx
11:50 a.m. - 12:50 p.m. Specialty Group Mtgs. (33xx)	12:00 p.m. - 1:40 p.m. Sessions 43xx	11:40 a.m. - 2:00 p.m. AAG Awards Luncheon (Red Lacquer Room)
1:00 p.m. - 2:40 p.m. Sessions 34xx	2:00 p.m. - 3:40 p.m. Sessions 44xx	2:00 p.m. - 3:40 p.m. Sessions 54xx 2:00 p.m. - 3:00 p.m. AAG Business Meeting (Crystal Room)
3:00 p.m. - 4:40 p.m. Sessions 35xx	4:00 p.m. - 5:40 p.m. Sessions 45xx	4:00 p.m. - 5:40 p.m. Sessions 55xx
5:00 p.m. - 6:40 p.m. Sessions 36xx	6:00 p.m. - 7:30 p.m. Plenary: Geographic Dimensions of Hurricane Katrina (Grand Ballroom)	
7:00 p.m. - 8:30 p.m. AAG Banquet (Red Lacquer Room)	7:30 p.m. - 8:30 p.m. Specialty Group Mtgs. (47xx)	
8:30 p.m. - 10:00 p.m. Past Pres. Address (Red Lacquer Room)		
	9:00 p.m. - 12:30 a.m. AAG Regional Film Series (Grand Ballroom)	

# DAILY PLANNER

**Tuesday, March 7**

8:00 a.m. - 7:30 p.m. Registration Open

2:00 p.m. - 4:40 p.m. Geography and Law Session (Crystal Room)

5:00 p.m. - 11:00 p.m. Opening Evening Events

5:00 p.m. Opening Session Keynote Address: William Cronon;  
with John Hudson (Grand Ballroom)

7:00 p.m. International Reception in State Ballroom and Exhibit  
Hall

8:00 p.m. AAG Chicago Blues Band Welcome “Speakeasy”  
featuring The Big James Band, a premier Chicago blues/  
dance band (Red Lacquer Room)

# DAILY PLANNER

## Wednesday, March 8

- 7:00 a.m. - 6:00 p.m. Registration Open  
9:30 a.m. - 5:30 p.m. Exhibits Open
- 8:00 a.m. - 9:40 a.m. Sessions 21xx
- 8:00 a.m. - 4:40 p.m. Symposium on Geography & Drug Addiction  
(Red Lacquer Room)
- 10:00 a.m. - 11:40 a.m. Sessions 22xx
- 11:50 a.m. - 12:50 p.m. Sessions 23xx
- 12:15 p.m. - 12:50 p.m. Nora Volkow Keynote Address, NIDA/AAG  
Geography and Drug Addiction Symposium  
(Red Lacquer Room)
- 1:00 p.m. - 2:40 p.m. Sessions 24xx
- 3:00 p.m. - 4:40 p.m. Sessions 25xx
- 5:00 p.m. - 6:30 p.m. Presidential Plenary Session: Geography: the Original  
Integrated Environmental Science (Grand Ballroom)
- 7:00 p.m. - 8:00 p.m. Specialty Group Business Meetings (Sessions 27xx)
- 7:30 p.m. - 10:30 p.m. World Geography Bowl
- 8:00 p.m. - 9:00 p.m. Specialty Group Business Meetings (Sessions 28xx)
- 9:00 p.m. - 12:30 a.m. AAG Regional Film Series (Grand Ballroom)

# DAILY PLANNER

## Thursday, March 9

- 7:00 a.m. - 7:00 p.m. Registration Open  
9:30 a.m. - 5:30 p.m. Exhibits Open
- 8:00 a.m. - 9:40 a.m. Sessions 31xx
- 10:00 a.m. - 11:40 a.m. Sessions 32xx
- 11:50 a.m. - 12:50 p.m. Specialty Group Business Meetings (Sessions 33xx)
- 12:00 p.m. - 12:50 p.m. Keynote Address, Jennifer McNelly, U.S. Department of Labor (Private Dining Room 17)
- 1:00 p.m. - 2:40 p.m. Sessions 34xx
- 3:00 p.m. - 4:40 p.m. Sessions 35xx
- 5:00 p.m. - 6:40 p.m. Sessions 36xx
- 7:00 p.m. - 8:30 p.m. AAG Banquet (Red Lacquer Room)
- 8:30 p.m. -10:00 p.m. Past President's Address (Red Lacquer Room)

# DAILY PLANNER

## Friday, March 10

7:00 a.m. - 6:30 p.m. Registration Open

9:30 a.m. - 3:30 p.m. Exhibits Open

8:00 a.m. - 9:40 a.m. Sessions 41xx

10:00 a.m. - 11:40 a.m. Sessions 42xx

12:00 p.m. - 1:40 p.m. Sessions 43xx

2:00 p.m. - 3:40 p.m. Sessions 44xx

4:00 p.m. - 5:40 p.m. Sessions 45xx

6:00 p.m. - 7:30 p.m. Plenary: Geographic Dimensions of Hurricane Katrina  
(Grand Ballroom)

7:30 p.m. - 8:30 p.m. Specialty Group Business Meetings (Sessions 47xx)

9:00 p.m. - 12:30 a.m. AAG Regional Film Series (Grand Ballroom)

# DAILY PLANNER

## Saturday, March 11

7:00 a.m. - 12:00 p.m. Registration Open

8:00 a.m. - 9:40 a.m. Sessions 51xx

10:00 a.m. - 11:40 a.m. Sessions 52xx

11:40 a.m. - 2:00 p.m. AAG Awards Luncheon (Red Lacquer Room)

2:00 p.m. - 3:40 p.m. Sessions 54xx

2:00 p.m. - 3:00 p.m. AAG Business Meeting (Crystal Room)

4:00 p.m. - 5:40 p.m. Sessions 55xx

## **INSTRUCTIONS TO SESSION CHAIRS**

1. Adhere rigorously to the times printed in the program. Each session presentation is assigned a specific time. If you have a no-show, use his or her time for a discussion of the preceding paper(s) or for a recess. Do not shift later papers into such voids. That is unfair to attendees who plan to hear a particular presentation.
2. Consult the program addenda for cancellations in your session. Paper withdrawals are noted in the daily bulletin. Plan how you will use any free time for the benefit of the session.
3. Hold each individual to the time allotted. You will be given four signal sheets to alert each speaker to the time remaining (10 minutes, 5 minutes, 2 minutes, and 1 minute). If a speaker continues after time has expired, rise, ask those present to join you in thanking the speaker, and announce the next presentation. Be polite but implacable. The audience and other speakers will respect and support strong direction on your part.
4. Note the location of the nearest house phone. Should a medical emergency or problem with room lighting, temperature, etc. arise, the house phone will connect you to the hotel and assistance will be provided. Secondly, should a problem arise with any audiovisual equipment, contact a Conference Assistant or AAG Staff member for assistance. A Conference Assistant will check on your session occasionally and may help you summon assistance, but you should be prepared to do so independently. Conference Assistants are not trained or authorized to operate or repair audiovisual equipment.

## KEY TO SESSION NUMBERS

AAG's sessions are all numbered with a 4-digit code. The numbers represent the following information:

First digit = day  
Second digit = time period  
Last two digits = room code

Key to days (first digit) is as follows: Tuesday = 1; Wednesday = 2; Thursday = 3; Friday = 4; Saturday = 5.

Below are the keys to time slots:

### **Tuesday, March 7**

<i>Session #</i>	<i>Time</i>
14xx	2:00 p.m. - 4:40 p.m.
15xx	5:00 p.m. - 6:40 p.m. (Plenary)

### **Wednesday, March 8**

<i>Session #</i>	<i>Time</i>
21xx	8:00 a.m. - 9:40 a.m.
22xx	10:00 a.m. - 11:40 a.m.
23xx	11:50 a.m. - 12:50 p.m.
24xx	1:00 p.m. - 2:40 p.m.
25xx	3:00 p.m. - 4:40 p.m.
26xx	5:00 p.m. - 6:50 p.m. (Plenary)
27xx	7:00 p.m. - 8:00 p.m.
28xx	8:00 p.m. - 9:00 p.m.

**xx = Room code  
(See pages 98-99 for list of  
room code numbers)**



# KEY TO SESSION NUMBERS

## Thursday, March 9

### *Session #Time*

31xx	8:00 a.m. - 9:40 a.m.
32xx	10:00 a.m. - 11:40 a.m.
33xx	11:50 a.m. - 12:50 p.m.
34xx	1:00 p.m. - 2:40 p.m.
35xx	3:00 p.m. - 4:40 p.m.
36xx	5:00 p.m. - 6:40 p.m.

## Friday, March 10

### *Session # Time*

41xx	8:00 a.m. - 9:40 a.m.
42xx	10:00 a.m. - 11:40 a.m.
43xx	12:00 p.m. - 1:40 p.m.
44xx	2:00 p.m. - 3:40 p.m.
45xx	4:00 p.m. - 5:40 p.m.
46xx	6:00 p.m. - 7:30 p.m. (Plenary)
47xx	7:30 p.m. - 8:30 p.m.

## Saturday, March 11

### *Session # Time*

51xx	8:00 a.m. - 9:40 a.m.
52xx	10:00 a.m. - 11:40 a.m.
53xx	11:40 a.m. - 2:00 p.m.
54xx	2:00 p.m. - 3:40 p.m.
55xx	4:00 p.m. - 5:40 p.m.

Therefore, session 4219 would be held on Friday (4219) from 10 am – 11:40 am (4219) in Private Dining Room 8 (4219).

# KEY TO ROOMS

<u>Code</u>	<u>Room</u>	<u>Floor</u>
01	Salon 1	3rd Floor
02	Salon 2	3rd Floor
03	Salon 3	3rd Floor
04	Salon 4	3rd Floor
05	Salon 5	3rd Floor
06	Salon 6	3rd Floor
07	Salon 7	3rd Floor
08	Salon 8	3rd Floor
09	Salon 9	3rd Floor
10	Salon 10	3rd Floor
11	Salon 11	3rd Floor
12	Salon 12	3rd Floor
13	Cresthill Room 11	3rd Floor
14	Crystal Room	3rd Floor
15	Private Dining Room 4	3rd Floor
16	Private Dining Room 5	3rd Floor
17	Private Dining Room 6	3rd Floor
18	Private Dining Room 7	3rd Floor
19	Private Dining Room 8	3rd Floor
20	Private Dining Room 9	3rd Floor
21	Grand Ballroom	4th Floor
22	Red Lacquer Room	4th Floor
23	Private Dining Room 16	5th Floor
24	Private Dining Room 17	5th Floor
25	Private Dining Room 18	5th Floor
26	Monroe Ballroom	6th Floor
27	Adams Ballroom	6th Floor
28	Parlor A	6th Floor
29	Parlor B	6th Floor
30	Parlor C	6th Floor
31	Parlor D	6th Floor
32	Parlor E	6th Floor
33	Parlor F	6th Floor
34	Parlor G	6th Floor
35	Parlor H	6th Floor
36	Parlor J	6th Floor

# KEY TO ROOMS

<u>Code</u>	<u>Room</u>	<u>Floor</u>
37	Dearborn 1	7th Floor
38	Dearborn 2	7th Floor
39	Dearborn 3	7th Floor
40	Dearborn 3A	7th Floor
41	Clark 1	7th Floor
42	Clark 2	7th Floor
43	Clark 3	7th Floor
44	Clark 4	7th Floor
45	Clark 5	7th Floor
46	Clark 7	7th Floor
47	Clark 8	7th Floor
48	Clark 9	7th Floor
49	Clark 10	7th Floor
50	LaSalle 1	7th Floor
51	LaSalle 2	7th Floor
52	LaSalle 3	7th Floor
53	LaSalle 4	7th Floor
54	LaSalle 5	7th Floor
55	Sandburg 1	7th Floor
56	Sandburg 2	7th Floor
57	Sandburg 3	7th Floor
58	Sandburg 4	7th Floor
59	Sandburg 5	7th Floor
60	Sandburg 6	7th Floor
61	Sandburg 7	7th Floor
62	Sandburg 8	7th Floor
63	Montrose 1	7th Floor
64	Montrose 2	7th Floor
65	Montrose 3	7th Floor
66	Montrose 4	7th Floor
67	Montrose 5	7th Floor
68	Montrose 6	7th Floor
69	Montrose 7	7th Floor
70	Burnham 1	7th Floor
71	Burnham 2	7th Floor
72	Burnham 3	7th Floor
73	Burnham 4	7th Floor
74	Burnham 5	7th Floor

**INSERT  
PENGUIN ACADEMIC AD**

**TUESDAY**

**New for 2006: Presenting author(s) are indicated  
with an asterisk (\*).**

**2:00 p.m. – 4:40 p.m.****1422. Geography and the Law Session**

*Room:* Crystal Room (Special Event Session)

This special session, jointly sponsored by the Association of American Law Schools (AALS) and the Association of American Geographers (AAG) continues a joint exploration of the intersection between geography and the law. Two topics will be addressed in these initial sessions, and also during special counterpart sessions at the AALS Annual Meeting. We hope these will develop into a more comprehensive future symposium, continuing collaboration, and possible publications.

The first panel of the session will feature a discussion of legal issues arising from the proliferation of new geographic technologies—including integrated Geographic Management Systems (GMS), high resolution remote sensing, and Global Positioning Systems (GPS)—and the legal and social quandaries these powerful new geographic technologies pose for locational privacy. Presentations will be by geographer and AAG Executive Director Douglas Richardson and attorney and law professor Joel R. Reidenberg of Fordham University.

The second panel will focus on migration and ethnicity issues, with a comparative presentation on some of the geographic and legal dimensions of immigration in the United States and Europe, and a dialogue on race and college admission policies. Presentations will be by geographer and former AAG President Alexander Murphy of the University of Oregon and law professor Michael Olivas of the University of Houston.

These presentations will be a point of departure for discussions on the interaction of geography and the law. Discussants from both the AALS and AAG will engage the audience in follow-up conversation. This session takes place from 2:00 to 4:40 pm on Tuesday, March 7.

Discussants will include Olen Paul Matthews of the University of New Mexico, and others.

**TUESDAY, MARCH 7**

**5:00 PM - 11:00 PM**

**5:00 p.m. – 11:00 p.m.**

### **Opening Evening Events**

**5:00 p.m. Opening Plenary Featuring William Cronon, University of Wisconsin, Author of *Nature's Metropolis*; with John Hudson, Northwestern University.**

**Chicago Mayor Richard Daly (Invited)**

*Room: Grand Ballroom (Plenary Session)*

Welcoming Remarks: Richard A. Marston, AAG President, Kansas State U.

Introduction of Keynote Session: Douglas Richardson, AAG Executive Director

Opening Plenary Featuring **William J. Cronon**, U. of Wisconsin, Author of *Nature's Metropolis*; with **John C. Hudson**, Northwestern U.. Chicago Mayor **Richard Daly (Invited)**.

**7:00 p.m. The AAG's International Reception**

*Room: State Ballroom and Exhibit Hall*

Mingle with colleagues from around the world while enjoying hors d'oeuvres and drinks.

The reception will provide opportunities for domestic participants to meet overseas visitors and explore with them common interests in teaching, research, and service.

**8:00 p.m. Social Event with Chicago Blues Band**

*Room: Red Lacquer Room*

AAG Chicago Blues Band Welcome "Speakeasy" featuring The Big James Band, a premier Chicago blues/dance band.





# WEDNESDAY

**New for 2006: Presenting author(s) are indicated  
with an asterisk (\*).**

**2101. French Theory? Inspiring alternative approaches to space**Room: *Salon 1* (Paper Session)

ORGANIZER(S): Juliet Fall, U. of British Columbia; Dr. Mathis Stock, Swiss Federal Institute of Technology, Lausanne (EPFL)

CHAIR(S): Dr. Mathis Stock, Swiss Federal Institute of Technology, Lausanne (EPFL)

Introducer: Prof. Jacques Levy

**8:05** Juliet Fall\*, The Open U., *Lost geographers: power games and the circulation of ideas within Francophone political geographies.***8:25** Anne Volvey\*, U. of Artois, France, *From transitional psychoanalysis to geography: space matters.***8:45** Christian Schmid\*, Swiss Federal Institute of Technology Zurich, *Henri Lefebvre and the Theory of the Production of Space.*

Discussant(s): Michael R. Curry, U. of California, Los Angeles

**2102. Geographies of Economic Geography I: Decentering Anglo-American Economic Geography (Sponsored by Economic Geography Specialty Group, China Specialty Group, Asian Geography Specialty Group)**Room: *Salon 2* (Panel Session)

ORGANIZER(S): Weidong Liu, Chinese Academy of Sciences

Panelists: Jessie P. Poon, U. at Buffalo-SUNY; Kris Olds, U. of Wisconsin-Madison; George Lin, U. of Hong Kong; Yu Zhou, Vassar College

**2103. Biogeography**Room: *Salon 3* (Illustrated Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Colin Long, U. of Wisconsin Oshkosh

**8:00** Frances Malamud-Roam, Postdoctoral Research Fellow\*, U. of California, Berkeley; B. Lynn Ingram, Professor, U. of California, Berkeley; Karl P. Malamud-Roam, Ph.D., Contra Costa Mosquito and Vector Control District, *Trace Elements and 87/86Sr isotope ratios in San Francisco Estuary Marshes and Their End-member Sources.***8:05** Scott A. Drzyzga\*, Shippensburg U., *Re-evaluating Lake Algonquin shorelines in eastern Upper Michigan and nearby Ontario.***8:10** David Burdell Cook\*, Northern Michigan U.; Robert Regis, PhD, Northern Michigan U., *Morphological Analysis of the Menominee Drumlin Field.***8:15** William DJ Palmquist\*, State U. of New York College at Geneseo, *The Ecological Footprint of the State University of New York College at Geneseo.***8:20** Aaron Michael Bernard\*, Virginia Polytechnic Institute and State U.; Stephen P. Prisley, Associate Professor, Virginia Polytechnic Institute and State U.; Conrad D Heatwole, Associate Professor, Virginia Polytechnic Institute and State U.; W. Michael Aust, Professor, Virginia Polytechnic Institute and State U., *Geospatial Modeling of Forest Road Networks and their Impacts on Stream Macroinvertebrate Communities.***8:25** Dmitry A. Streletskiy\*, U. of Delaware; Anna E Klene, U. of Montana-Missoula; Nikolay I Shiklomanov, U. of Delaware, *Effects of Tundra Vegetation on the Ground Thermal Regime and Active-Layer Thickness, North-Central Alaska.***8:30** Colin Long\*, U. of Wisconsin Oshkosh; Jessica Fournier, U. of Wisconsin Oshkosh; Alisa Hass, U. of Wisconsin Oshkosh, *12,000-year Vegetation and Disturbance History from the Central Cascade Range, Oregon.*

**2105. Amenity Migration, Exurbia, and Emerging Rural Landscapes I: Nature in the geographical imagination (Sponsored by Cultural and Political Ecology Specialty Group, Rural Geography Specialty Group)**

Room: Salon 5 (Paper Session)

ORGANIZER(S): Kirsten Valentine Cadieux, U. of Toronto

CHAIR(S): Julia Haggerty

**8:00** Laura Taylor\*, U. of Toronto, *Exurbia, a survey of fifty years of literature since Spectorsky*.

**8:20** Kirsten Valentine Cadieux\*, U. of Toronto, *Discourses of nature in exurbia*.

**8:40** Michael Woods\*, U. of Wales Aberystwyth, *Aspirational ruralism, boosterism and the global countryside: amenity led development and the hybrid reconstitution of Queenstown Lakes district, NZ*.

**9:00** Jessica Lage, MA Geography, CU Boulder\*, U. of California, Berkeley, *What do "old" and "new" really mean?: the politics of labeling ranch owners*.

Introducer: Julia Haggerty

**2106. Hazards Research: New Directions by New Practitioners (honoring Jeanne X. Kasperson) (Sponsored by Hazards Specialty Group)**

Room: Salon 6 (Paper Session)

**8:00** Farhana Sultana, Ph.D. Candidate & MacArthur Scholar\*, U. of Minnesota, *Gendering Natural Hazards Research: A Feminist Analysis of the Arsenic Contamination of Groundwater in Bangladesh*.

**8:20** Tamara Wall\*, U. of Montana, *The affects of place attachment on vulnerability to wildfire hazard and risk in the western United States*.

**8:40** Erin Hughey\*, U. of South Florida, Department of Geography, *Hurricane Response Capabilities of Island Nations: The Bahamas Response to Hurricanes Isabel (2003), Frances and Jeanne (2004)*.

**9:00** Andrew B Shears\*, Kent State U., *Tornadoes and Mobile Homes in the Southeastern United States: The Geographic Data of a Stereotype*.

**9:20** Kuan-Hui Elaine Lin, student\*, National Taiwan U., *Behind The Hazards: Revealing Regional Environmental Transition and Vulnerability in Taiwan Mountain Areas*.

**2107. Fluvial Geomorphology: Works in Progress and Preliminary Results (Sponsored by Geomorphology Specialty Group)**

Room: Salon 7 (Interactive Short Paper Session)

ORGANIZER(S): Dr. Lisa Boulton, U. of Alabama; Martin D. Lafrenz, U. of Tennessee

CHAIR(S): Dr. Lisa Boulton, U. of Alabama

Introducer: Dr. Lisa Boulton

**8:05** James D. Riley\*, U. of Illinois at Urbana-Champaign; Bruce L. Rhoads, U. of Illinois at Urbana-Champaign, *Flow dynamics and channel morphology at natural confluent-meander bends*.

**8:10** Mark D. Lange\*, U. of Southern California; Bernard O. Bauer, U. of British Columbia Okanagan, *Suspended Sediment Transport At A Tidal River Divergence*.

**8:15** Brendan Thomas Yuill\*, Arizona State U.; Mary H Nichols, USDA ARS; Mark W Schmeeckle, Arizona State U., *Using Bed Texture Maps to Understand the Morphodynamics of Ephemeral Channels*.

- 8:20 M. A. Lisa Boulton, Assistant Professor\*, U. of Alabama, *Sediment Storage and Channel Widening in a Channelized Tributary.*
- 8:25 Jessica Block\*, Arizona State U.; J Ramon Arrowsmith, Arizona State U., *Vertical and Lateral Stability of Bedrock and Alluvial channel systems: Central Arizona's Salt River Paleo Geomorphology Constrained by Late Quaternary Geologic History.*
- 8:30 Martin D. Lafrenz\*, Portland State U., *The Influence of Different Sized Contributing Areas on Stream Channel Morphology.*
- 8:35 Jeff Dahoda\*, U. of Tennessee, *Geographic Information Science Analysis of Factors Affecting Acidity in Crab Orchard Creek Watershed, Cumberland and Morgan Counties, Tennessee.*
- 8:40 Mark Gossard\*, Missouri State U.; Robert T. Pavlowsky, Missouri State U., *Sediment budget approach to evaluate urban-related instability in an Ozark Stream.*
- 8:45 Stacey Armstrong\*, Missouri State U., *Detention basin influence on Ozark stream stability.*
- 8:50 Karen Williams\*, Montana State U.; Williams W Locke, PhD, Montana State U., *Energy expenditure in a burned watershed: Fish Creek, Glacier National Park.*
- 8:55 Sabrina Rust, BS\*, Oklahoma Cooperative Fish and Wildlife Research Unit and Oklahoma State U.; William L. Fisher, PhD, U. S. Geological Survey, Oklahoma Cooperative Fish and Wildlife Research Unit, and Oklahoma State U.; Richard A. Marston, PhD, Kansas State U., *The role of fluvial geomorphic features in the distribution of freshwater mussels (Bivalvia: Unionidae) in the Kiamichi River, Oklahoma.*

**2108. Regional Innovation systems: theory methods and practice 1 Regional innovation systems and technology (Sponsored by Economic Geography Specialty Group)**

Room: Salon 8 (Paper Session)

ORGANIZER(S): Dr. Helen Lawton Smith, Birkbeck U. of London; Sharmistha Bagchi-Sen, SUNY-Buffalo

CHAIR(S): Dr. Helen Lawton Smith, Birkbeck U. of London

- 8:00 Meric S. Gertler\*, U. of Toronto, *Regional innovation systems: five basic questions.*
- 8:20 Ron Boschma\*, Utrecht U., *knowledge networks and innovative performance. The case of the footwear Barletta district.*
- 8:40 Heidi Wiig Aslesen\*, NIFU STEP; Arne Isaksen\*, Agder U. College, *From Knowledge Intensive Business Services to Knowledge Intensive Service Activities: A useful new approach in studies of Regional Innovation Systems?.*
- 9:00 Michael Fritsch\*, Technical U. of Freiberg; Slavtchev Viktor, Technical U. of Freiberg, *Efficiency of Regional Innovation Systems - An Empirical Assessment.*
- 9:20 Bernhard Fuhrer\*, *Evolutionary Institutional Change in Innovation Systems - New Empirical evidence from the Varieties of Capitalism Approach.*

**2109. Constructing Space and Identity***Room:* Salon 9 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Michael Hoyler, Loughborough U.

**8:00** Mercy Walter\*, Syracuse U., *Temporary yet Urban? The Pennsic War Encampment.***8:20** Akile Ahmet, BA (Hons), MSc\*, Queen Mary, U. of London, *Home autobiographies: accounts by young men of mixed descent.***8:40** Damon Scott\*, Sonoma State U., *Race, Place and Sexuality: Constituting a Good Place to Live in San Francisco's Haight Ashbury District, 1959-1967.***9:00** Jeff Bray\*, Florida State U., *Contested Public Educational Spaces: Heteronormativity and Policy at Pensacola, Florida's Escambia High School.***9:20** Michael Hoyler\*, Loughborough U.; Christoph Mager, U. of Heidelberg, *Cultural policy, community centers and the making of hip-hop music in Germany.***2110. "The Far Away Near-By": Re-examining the Rhetoric of the History of Recent Cartography and its Evolution (Sponsored by Geographic Information Science and Systems Specialty Group, History of Geography Specialty Group, Cartography Specialty Group)***Room:* Salon 10 (Paper Session)

ORGANIZER(S): John Cloud, NOAA Central Library

CHAIR(S): Matthew H. Edney, U. of Southern Maine

**8:00** Thomas Koch, PhD\*, U. of British Columbia; Ken Denike, PHD, U. of British Columbia, *Mythologizing John Snow: the mapped critique.***8:20** John Cloud\*, NOAA Central Library, *Overlays of Mystery: the Curiously Uncontested Origins of Analog Map Overlay.***8:40** Mariko Yabe\*, UCLA, *Modernity, destruction and reconstruction in 1920s Tokyo: Bird's-eye-views and the 1923 Kanto Earthquake.***9:00** Denis E. Cosgrove, Professor\*, U. of California, *Re-thinking the cartographic critique.*

Discussant(s): Matthew H. Edney, U. of Southern Maine

**2111. Neoliberal Citizenship: Governance, Property and Economically Viable Subjects I (Sponsored by Economic Geography Specialty Group, Geographic Perspectives on Women Specialty Group, Socialist and Critical Geography Specialty Group)***Room:* Salon 11 (Paper Session)

ORGANIZER(S): Melissa W. Wright, Penn State U.; Becky Mansfield, Ohio State U.

CHAIR(S): Melissa W. Wright, Penn State U.

**8:00** Wendy Lerner\*, U. of Bristol, *Expatriate Experts: Globalising Governmentalities and Geographic Imaginaries.***8:20** Melissa W. Wright, PhD\*, Penn State U.; Melissa W Wright, The Pennsylvania State U., *Public Women, Neoliberal Citizens and Fighting Femicide in Northern Mexico.***8:40** Kate Boyer\*, Rensselaer Polytechnic Institute, *neoliberalism and gender erasure: the case of welfare reform.***9:00** James P. McCarthy\*, Pennsylvania State University, *Cracks in the levee: Katrina, environmental politics, and neoliberal hegemony.*

Discussant(s): Mathew Coleman

**2113. Urban Climatology**

Room: *Cresthill Room 11* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mr. Adam Justin Kalkstein, Arizona State U.

**8:00** Marilyn A. Brown, Ph.D., CEM\*, Oak Ridge National Laboratory; Frank Southworth, Ph.D., Oak Ridge National Laboratory, *Mitigating Climate Change Through Green Buildings and Smart Growth*.

**8:20** A. John Arnfield\*, The Ohio State U. & U. of Birmingham, UK, *Sensible heat exchange of urban areas: a simulation approach to the role of surface characteristics*.

**8:40** Brent C Hedquist\*, Arizona State U. Geography Dept., *Spatial Expansion of the Greater Phoenix Urban Heat Island (1990-2004)*.

**9:00** Adam Justin Kalkstein\*, Arizona State U.; Daniel Gerrity, Arizona State U.; Michael Kuby, Arizona State U.; James Clancy, Arizona State U., *The Impact of Climate on Urban Rail Ridership*.

**2115. Chicago Neighborhoods**

Room: *Private Dining Room 4* (Paper Session)

ORGANIZER(S): Ola Johansson, U. of Pittsburgh at Johnstown; Michael Cornebise, Eastern Illinois U.

CHAIR(S): Ola Johansson, U. of Pittsburgh at Johnstown

**8:00** Maureen McLachlan\*, U. of Wisconsin-Madison, *The Role of Gender in the Relocation of Public Housing Residents in Chicago: Acknowledging Networks and Challenges Beyond Race and Class*.

**8:20** Margaret M. Gripshover\*, U. of Tennessee, *The Friendly Confines of Wrigleyville: From Tinker to Evers to Starbucks*.

**8:40** Daniel Novik Warshawsky\*, U. of Wisconsin - Madison, *Scale and Hunger: The Restructuring of Emergency Food Service Delivery in Chicago?*.

**9:00** Michael Cornebise\*, Eastern Illinois U.; Ola Johansson, U. of Pittsburgh-Johnstown, *Ethnic Branding in a Pseudo-Swedish Neighborhood: The Case of Chicago's Andersonville*.

Discussant(s): Ronald Foresta, U. of Tennessee

**2116. Climatology in Geography: Celebration of the Career of Richard H. Skaggs**

Room: *Private Dining Room 5* (Paper Session)

ORGANIZER(S): Katherine Klink, U. of Minnesota

CHAIR(S): Katherine Klink, U. of Minnesota

**8:00** Kenneth A Blumenfeld\*, U. of Minnesota, *The Spatial Variability of Severe Weather Frequencies across the Twin Cities Metropolitan Area*.

**8:20** John A. Harrington, Jr.\*, Kansas State U.; Andrew C. Comrie\*, U. of Arizona, *A Geography of SPI-Derived Drought Exposure in the United States*.

**8:40** Julie A. Winkler\*, Michigan State U., *What is the "shelf life" of a climate scenario?*

**9:00** Brian Hanson\*, U. of Delaware; Nicholas P Klingaman, U. of Delaware; Tianna A Bogart, U. of Delaware; Gina Henderson, U. of Delaware, *Midwestern Snowcover and the North Atlantic Oscillation*.

**9:20** Cort J. Willmott\*, U. of Delaware; Kenji Matsuura, U. of Delaware, *Comparison of the root-mean-square error (RMSE) and the mean-absolute error (MAE) as measures of average model performance*.

**2117. Africa: Development and Urbanization from Cape Town to Cairo***Room: Private Dining Room 6 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Dr. Petra Kuppinger

**8:00** Emily Murai\*, U. of Minnesota - Minneapolis, *Democracy and development?: explorations into the democratic developmental state.***8:20** Christian Tettey\*, U. of Akron, *Urbanization and Development In Africa: A New Measure For Urbanization.***8:40** Thomas Smucker\*, U. of South Florida, *Participation in Context: Contemporary Challenges of Participatory Field Research in Kenya.***9:00** Udesch Pillay, Dr\*, Human Sciences Research Council, *The Urban Development Implications of The Fifa 2010 Soccer World Cup In South Africa.***9:20** Petra Y. Kuppinger, PhD\*, Monmouth College, *Exterritoriality and Regionality: Examples from Cairo, Egypt.***2118. Geographies of the Great Lakes I***Room: Private Dining Room 7 (Paper Session)*

ORGANIZER(S): Patrick Lawrence, U. of Toledo

CHAIR(S): Patrick Lawrence, U. of Toledo

**8:00** Harry L Margulis\*, Cleveland State U., *Commercial Submarkets, Occupation Structure and Land Use in Suburban Cuyahoga County, Ohio.***8:20** James M. Rubenstein\*, Miami U. of Ohio, *Future Prospects for Motor Vehicle Industry in the Great Lakes.***8:40** Moe Chowdhury, Ph.D.\*, Assistant Professor, Grand Valley State U., Michigan, *Political Geography at the Local Level Government: The Role of Territoriality in the Formation of Solid Waste Districts in Ohio.***9:00** Amy R. Lilienfeld, Temporary Assistant Professor\*, Central Michigan U., *The Urban-Rural Continuum of Michigan: An Undergraduate Field Exercise.***2120. Economic Geography: East and South Asia***Room: Private Dining Room 9 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Mr. John Felkner

**8:00** Boyoung Lee, Dr.\*, Kyungpook National U.; Eui-suk Park, Dr., Korea Industrial Technology Foundation, *Geography of Patent by Industry and Technology: A Korean Case.***8:20** Anurupa Roy\*, *The political economy of labour process in call centres: A case study of Kolkata, India.***8:40** Sookjin Kim\*, U. of Minnesota - Minneapolis, *Networks, Scale and Transnational Corporations: the case of the South Korean seed industry.***9:00** John S. Felkner\*, U. of Chicago, Department of Economics; Robert Townsend, U. of Chicago, Department of Economics, *Structural Economic Models and Spatial Analysis: Thailand, 1986-1996.*

**2122. Geography & Drug Addiction Symposium Paper Session  
Introduction and Discussion of Symposium's Goals**

*Room:* Red Lacquer (Paper Session)

ORGANIZER(S): AAG and NIDA

CHAIR(S): Yonette Thomas, NIDA

Introduction and Overview: Yonette Thomas, NIDA, and Douglas Richardson, AAG

**8:10 Opening Keynote:** Sara McLafferty, U. of Illinois, *Geography and Health: An Overview*

**8:40** Suchi Gopal, Boston U., Matt Adams, Boston U., Lauren Friel, Boston U., Mark Vanelli, Harvard U., Mark Albanese, Cambridge Health Alliance, *Modeling the Spatial Patterns of Addiction in the US.*

**8:55** Linda Becker, Washington State Department of Social and Health Services, Deron A. Ferguson, Washington State Department of Social and Health Services, Joseph R. Kabel, Looking Glass Analytics, Curtis E. Mack, Looking Glass Analytics, *Using Geographic Research and Technology to Support Prevention and Treatment of Drug Addiction in Washington State.*

**9:10** Xingyou Zhang, Georgia Southern U., Wei Tu, Georgia Southern U., *Social and Temporal Clusters of Narcotics Activities and Their Relationship to Social and Built Environments: A Case Study of Chicago.*

**9:25** Discussion

Discussant(s): Gerard Rushton, U. of Iowa

**2123. Author Meets Critics: A Critical Engagement with Judith Halberstram's In a Queer Time and Place (Sponsored by Geographic Perspectives on Women Specialty Group, Social and Cultural Geography, Sexuality and Space Specialty Group)**

*Room:* Private Dining Room 16 (Panel Session)

ORGANIZER(S): Mary Gilmartin

Discussant(s): Halberstam Judith, U. of Southern California

Panelists: Natalie Oswin, National U. of Singapore; Jasbir Puar, Rutgers U.; Michael P. Brown, U. of Washington; Dereka Rushbrook, U. of Arizona

**2127. Biogeography I**

*Room:* Adams Ballroom (Poster Session)

ORGANIZER(S): Program Committee

David West\*, U. of Tennessee, Knoxville; Sally Horn, U. of Tennessee, Knoxville; Kenneth Orvis, U. of Tennessee, Knoxville; Henri Grissino-Mayer, U. of Tennessee, Knoxville, *High Resolution Charcoal Analysis of a 7000-year Sediment Profile from The Bahamas.*

Michael K. Steinberg\*, U. of Hawaii-Hilo; Talena Elliot Adams, U. of Hawaii - Hilo, *Mapping the Lord God Bird.*

Joe Burgess\*, U. of Tennessee; Sally Horn, U. of Tennessee, *Modern Pollen Assemblages Along Transects Across Two Lowland Tropical Lakes.*

Julia Rauchfuss\*, U. of Minnesota, *Regeneration Patterns at the Lost 40 in the Chippewa National Forest, Minnesota.*

Brock Andrew Remus\*, U. of Tennessee; Sally P Horn, Doctor, U. of Tennessee; Kenneth H Orvis, Doctor, U. of Tennessee; Allison J Stork, U. of Tennessee; Chad S Lane, U. of Tennessee; Lisa M Kennedy, Doctor, Virginia Tech U., *Searching*



*for Pine Stomata in Circum-Caribbean Lake Sediments.*

- Maria Caffrey\*, U. of Denver, *A Multi Proxy Investigation of Holocene Vegetation Change from Highland Guatemala.*
- Robert D. Monnar\*, U. of Nevada; Peter Hartsough, U. of Nevada; Simon Poulson, U. of Nevada; Franco Biondi, U. of Nevada, *Daily cycle of leaf water stable isotopes in two pine species.*
- Evan R Larson\*, U. of Minnesota, *Exploring the Potential for Dendroclimatological Research in Central Minnesota.*
- Allison J. Stork\*, U. of Tennessee; Sally P. Horn, U. of Tennessee; Kenneth H. Orvis, U. of Tennessee; Henri D. Grissino-Mayer, U. of Tennessee; Michael C. Wiemann, USDA Forest Service, *A 2000-year Record of Vegetation and Fire History from Great Abaco Island, The Bahamas.*
- Sheila A Kazar\*, West Virginia U.; Amy E Hessel, West Virginia U., *Net primary productivity and biomass in eastern deciduous forest stands with different management histories.*
- Katherine J. Hansen\*, Montana State U.; Shannon Taylor, Montana State U., *Hunters, Dollars, Habitat, and Wildlife: Their Geographies Coincide.*
- Daniel B. Lewis\*, U. of Tennessee; Dana L. Miller, U. of Tennessee; Henri D. Grissino-Mayer, Ph.D., U. of Tennessee; Claudia I. Mora, Ph.D., U. of Tennessee, *Using carbon and oxygen isotopes to extract information on past droughts from tree rings, southeastern Georgia.*
- Tracy L. Schirmang\*, Carthage College, *Soil Composition Differences Among Varying Land-Use Habitats on Ometepe Island, Nicaragua.*
- Lisa B. Wilkins\*, U. of Tennessee; Jessica D. Brogden, U. of Tennessee; Georgina DeWeese Wight, U. of Tennessee; Henri D. Grissino-Mayer, U. of Tennessee, *Fire history in an old-growth shortleaf pine stand in the Great Smoky Mountains National Park, Tennessee..*
- Michelle L. Knuppe\*, United States Geological Survey, *Remote Sensing of Insect and Disease Using Hyperspectral Data.*
- Joanne E. Stewart\*, U. of Denver, *Influence of Landscape Characteristics on Spatial Patterns of Bats Along the Missouri River In Eastern Montana.*
- Paige R. Baker, U. of North Dakota; Joseph H. Hartman, Ph.D., U. of North Dakota; Bradley C. Rundquist, Ph.D.\*, U. of North Dakota, *GIS Analysis of the Spatial and Temporal Distribution of Cretaceous Mollusks in the Hell Creek Formation of Montana.*
- Robert G. Wingate\*, U. of Wisconsin-La Crosse, *Utilization of Geographic Techniques to Predict Whitetail Deer Movements.*
- Graham Ian Bishop\*, Indiana State U.; James H. Speer, Indiana State U., *Periodical Cicadas and Tree-Ring Growth in Greene Sullivan State Forest, Indiana.*
- Christopher M. Gentry\*, Indiana State U.; James H. Speer, Indiana State U., *Analysis of Historic and Current Climatic Change in Central Indiana Using Tree-rings as Proxy Data.*
- Jim Doerner\*, U. of Northern Colorado; David Wilkins, Boise State U.; Samantha Kaplan, U. of Wisconsin-Madison; Richard Keim, Louisiana State U.; Henri Grissino-Mayer, U. of Tennessee, *Response of Ponderosa Pine to Climate and Fire Processes, French Creek Drainage, Idaho.*
- Rachel E Isaacs\*, Texas A&M U. - Department of Geography, *Mapping Dieback of *Metrosideros polymorpha* on the Big Island of Hawai'i Based on Texture Analysis of High-Resolution Aerial Photographs.*
- Charles C Geraci\*, U. of North Dakota; Bradley C Rundquist, Dr., U. of North Dakota;

- Tom Dudley, Dr., U. of Nevada Reno, *Assessment of Widespread Saltcedar (Tamarix spp.) Monocultures and Biological Control in Northwest Nevada using Moderate Scale Satellite Imagery.*
- Kari L Pabst\*, South Dakota State U., *Satellite Observation of Vegetation Response Following Wildland Fires in Glacier National Park, Montana.*
- James J. Hayes\*, Indiana U., *Effects of Landscape Structure on Spatial Variability of Forest Fire in Northeastern New Mexico.*
- Sharolyn Anderson\*, U. of Denver; Lynn Resler, Virginia Polytechnic Institute and State U., *An Agent-Based Modeling Approach to Understanding Microscale Change at Alpine Treeline.*
- Noah Hopkins\*, Texas State U. - San Marcos, *Assessing Biodiversity Concerns of Urban Sprawl and Projecting Smart Growth in Hays County, Texas.*
- Douglas O Fuller\*, U. of Miami; Michael Jeffe, U. of Miami, *Invasive Cheatgrass (Bromus tectorum) and Saltcedar (Tamarix spp.) mapped in the Southwest United States using IKONOS and QuickBird multispectral imagery.*
- Jayna Richardson\*, Colgate U.; Peter R. Scull, Colgate U., *Surveying the Land - Reconstructing the Presettlement Forest Composition of Central New York State From Historical Survey Records.*
- Alicia M Johnson, M.S. (in progress)\*, U. of Massachusetts - Amherst, *Threats to Biodiversity: A Case for the Philippine Eagle.*
- Janos Puskas\*, Berzsenyi College, Dept. of Physical Geography, Szombathely; Laszlo Nowinszky, Berzsenyi College, Szombathely; Miklos Kiss, Berzsenyi College, Szombathely, *Behaviour of Insects During Hurricanes In North Carolina (Usa).*
- Darin M Kelly\*, Indiana State U.; James H Speer, Dr., Indiana State U., *Dendroclimatological Response of Selected Deciduous and Coniferous Species in Hoosier National Forest.*
- Md. Humayun Kabir\*, Asian Institute of Technology; Shahalam M N Amin, Bloomsburg U., *Wetland Resources and the Local People: A Study of Interdependence in Tanguar Haor, Bangladesh.*
- Travis Anderson; Jamie Pfadt\*; Jessica Sherlock; Jack Livingston, Geography, Geology, and the Environment, Slippery Rock U., *Species Area Relationship in Terrestrial Habitat Fragments.*

**2128. GIS and Land Use**

Room: Parlor A (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): J. Ronald Eastman, Clark U.

**8:00** French Tyler Huffman\*, U. of Connecticut, *The impact of using publicly available landcover data on site selection.***8:20** Kang Shou Lu, Ph.D.\*, Towson U.; Jeffery Scott Allen, Ph.D., Clemson U.; Guoxiang Liu, Ph.D., Strom Thurmond Institute, *Back to the Future: Simulating and Assessing Land Use Change and Potential Ecological Impacts Using Artificial Neural Network.***8:40** Michael P Hickey\*, Tulare County RMA/GIS, *Creating Time Series of Land Cover Maps from Diverse Sources Using GIS.***9:00** Claire A Jantz, PhD\*, Shippensburg U.; Scott J Goetz, PhD, The Woods Hole Research Center, *Calibration of an urban land cover change model for the Chesapeake Bay wate.***9:20** J. Ronald Eastman, Dr. \*, Clark U., *The Land Change Modeler for Ecological Sustainability.*

**2129. Housing Women***Room: Parlor B (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Nancy Lewis, East-West Center

**8:00** Hoda Shawki\*, The Ohio State U., *Gender-specific Differences in Housing Preferences: A Qualitative Case Study.***8:20** Joni M Palmer, doctoral student\*, U. of Colorado at Boulder, *Title: The Fictions of the Post World War II Suburbs: Women Reading and Writing Their Experiences and Realities.***8:40** Amy Pratt\*, West Virginia U., *"I ain't no June Cleaver and this ain't no Brady Bunch": The Livelihood Strategies of Women Heading Households in Appalachia.***9:00** Nancy Davis Lewis, PhD\*, East-West Center, *After the Tsunami: Gender and Human Rights in the aftermath of the 2004 disaster.***2130. Stabilizing The U.S. City***Room: Parlor C (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Li Yin, U. of Colorado

**8:00** Peter M. Piet\*, City of Elmhurst; Richard P Greene, Northern Illinois U., *The contribution of amenities to metropolitan growth: Differences between the 1980s and 1990s.***8:20** Chet Zimolzak\*, Rowan U.; Charles A. Stansfield\*, Rowan U., *Megalopolitan Expansion Through Recreational Development.***8:40** Elsie Echeverri-Carroll\*, U. of Texas at Austin; Sofia G Ayala, U. of Texas, *Do Skilled-Residents Benefit from High-tech Agglomerations? .***9:00** Tom Carlson, PhD\*, U. of Washington, Tacoma, *A GIS Approach to Assessing the Proximity Effect of Urban Parks and Green Space on Residential Property Values in Pierce County, WA .***9:20** Li Yin\*, State U. of New York at Buffalo, *Stuck in Distress? Analyzing Development Patterns and Exploring Alternatives of Buffalo .***2131. Experiments with Territories: Post Cartographic Map Design I (Sponsored by Geographic Information Science and Systems Specialty Group, Cultural Geography Specialty Group, Cartography Specialty Group)***Room: Parlor D (Paper Session)***8:00** Nathaniel Case\*, Hedberg Maps, Inc, *Pictures: The Gap Between Maps and Art.***8:20** Renee Pualani Louis\*, U. of Hawaii, *Difficulties of Incorporating Indigenous Spatial Perceptions with Western Cartographic Traditions.***8:40** Margaret W Pearce\*, Ohio U., *Place Codes for Cartography.***9:00** Marie Cieri, Assistant Professor, Department of Geography\*, The Ohio State U., *Practicing "Artography".*

Discussant(s): John Pickles, U. of North Carolina

- 2132. Community Adaptation and Vulnerability in the Arctic Region (Sponsored by Human Dimensions of Global Change Specialty Group)**  
**Room:** *Parlor E* (Paper Session)  
 ORGANIZER(S): Mr. James Ford  
 CHAIR(S): Mr. James Ford  
**8:00** James Ford\*, Dept. of Geography, U. of Guelph, *Adapting to climate change in the Canadian Arctic.*  
**8:20** Martha Dowsley, PhD Candidate\*, McGill U., *The Impacts of Climate Change on Polar Bear Co-management in Nunavut.*  
**8:40** Erin M Pratley\*, The U. of Western Ontario, *Changes in food procurement strategies and food security in Arctic Bay, Nunavut.*  
**9:00** Frank Duerden\*, Ryerson U; Erica Beasley, Ryerson U, *Vulnerability and Adaptation in the Inuvialuit Settlement Region.*
- 2133. Comparative Geographies of Youth Insecurity I: Spaces of Neoliberal change**  
**Room:** *Parlor F* (Paper Session)  
 ORGANIZER(S): Craig Jeffrey, U. of Washington  
 CHAIR(S): Craig Jeffrey, U. of Washington  
**8:00** Katharyne Mitchell, PhD\*, U. of Washington, Seattle, *Dual Tracking and The Privatization of American Childhood.*  
**8:15** Andrea G. Arai, Ph.D.\*, Independent, *Origin and End Point: Youth, Time and Embodiments of Value in the New Economy and Japan.*  
**8:30** Kristina Gibson\*, U. of Colorado at Boulder, *Running off the map: mobility, street outreach, and street-involved youth in New York City.*  
**8:45** Stephen Young\*, U. of Washington, *Credit Worthy? Teaching Finance in UK schools.*  
 Discussant(s): Dr. Linda McDowell, U. of Oxford
- 2134. Changes in the Economic and Urban Structure of Northeast Ohio (Sponsored by Spatial Analysis and Modeling Specialty Group)**  
**Room:** *Parlor G* (Paper Session)  
 ORGANIZER(S): Mary Ann Haley, Kent State U.  
 CHAIR(S): Mary Ann Haley, Kent State U.  
 Introducer: Mary Ann Haley  
**8:10** Hyun Joong Kim\*, Kent State U., *Manufacturing and Service Industry Clusters in the Northeast Ohio, 1990-2003.*  
**8:30** Mary Ann Haley\*, Kent State U., *A Dynamic Analysis of Manufacturing Activity in the Greater Cleveland, Ohio Area.*  
**8:50** Jay Lee\*, Kent State U.; Hyiamang Odoom\*, Kent State U., *Urban Forms By GIS With Parcel Conversions.*  
**9:10** Milton E. Harvey\*, Kent State U., *Analysis of the Growth of Sprawl in Geauga County, Ohio.*

**2135. Historical Approaches to the American Political Economy: A Session in Memory of Carville Earle Session I (Sponsored by Political Geography Specialty Group, Historical Geography Specialty Group)**

*Room:* Parlor H (Paper Session)

ORGANIZER(S): John Heppen, U. of Wisconsin River Falls; Samuel M. Otterstrom, Brigham Young U.

CHAIR(S): John Heppen, U. of Wisconsin River Falls

**8:00** John Heppen\*, U. of Wisconsin River Falls, *Core and Periphery Regional Incomes in the United States 1929 to 2000.*

**8:20** Kristen N. Keegan, M.A.\*, U. of Connecticut, *Economic Development, Industrialization, and Centrality in Early Nineteenth Century Connecticut.*

**8:40** G. Rebecca Dobbs\*, Univ of North Carolina at Chapel Hill; John W Florin, Univ of North Carolina at Chapel Hill, *Settlement geography and initial conditions: cluster emergence and the Indian Trading Path in the North Carolina Piedmont.*

**9:00** Taylor E. Mack\*, Mississippi State U., *Geographical Perspectives on Mississippi's Traditionalist Political Culture and Colonial Plantation Apparatus.*

**9:20** Richard G Healey, Dr.\*, U. of Portsmouth, *Network Extension, Business Cycle Changes and Financial Performance of the 19th Century Anthracite Railroads.*

**2137. Feminist Political Ecology I: Rethinking the F-Word (Sponsored by Cultural and Political Ecology Specialty Group)**

*Room:* Dearborn 1 (Paper Session)

ORGANIZER(S): W. Scott Whitlock, U. of Arizona; Katharine Meehan, U. of Arizona

CHAIR(S): Katharine Meehan, U. of Arizona

**8:00** Katharine Meehan\*, U. of Arizona, *Using the f-word in political ecology: towards a non-essentialist nature.*

**8:20** Ann Marie Murnaghan\*, Department of Geography, York U., *Towards a feminist urban political ecology? Some methodological considerations.*

**8:40** W. Scott Whitlock\*, U. of Arizona, *Does a Bear F\*ck in the Woods?: Toward a Reassessment of Masculinities and Wildernesses.*

Discussant(s): Kevin St. Martin, Rutgers U.

**2138. Alternative Caribbean Tourisms (Sponsored by Recreation, Tourism, and Sport Specialty Group, Coastal and Marine Specialty Group, Latin America Specialty Group)**

*Room:* Dearborn 2 (Paper Session)

ORGANIZER(S): Dennis Conway, Indiana U.; Lydia M. Pulsipher, U. of Tennessee

CHAIR(S): Dennis Conway, Indiana U.

**8:00** Thomas Klak\*, Miami U. of Ohio, *Ecotourism-based Sustainable Development: General Principles and Eastern Caribbean Case Study.*

**8:20** Lydia M. Pulsipher\*, U. of Tennessee, *Caribbean Voices on Reinventing Tourism in the Region.*

**8:40** Dennis Conway\*, Indiana U.; Dennis Conway, Indiana U.-Bloomington, *Yachting and Marina Development in Trinidad: Successful Multiplier Effects for an Alternative Tourism Initiative..*

**9:00** Rebecca Maria Torres\*, East Carolina U.; Paul Skillicorn, Rural Prosperity Institute, *Beyond Cancun: Potential for Alternative Tourism Development in the Mexican Caribbean.*

Discussant(s): Joseph L. Scarpaci, Jr., Virginia Tech

**2139. Advances in Paleoclimatology I (Sponsored by Climate Specialty Group, Biogeography Specialty Group, Cryosphere Specialty Group)***Room:* Dearborn 3 (Paper Session)

ORGANIZER(S): Kevin John Anchukaitis, U. of Tennessee; Prof. Kurt F. Kipfmüller, U. of Minnesota

CHAIR(S): Prof. Bryan Shuman, U. of Minnesota

**8:00** Michelle F Goman\*, Cornell U.; Gail M Ashley, Rutgers U.; Victoria C. Hover, U. of Louisiana, Lafayette; A. M. Muasya, East African Herbarium, National Museum of Kenya, *Testate Amoebae as an indicator of Swamp Hydrology in a semi-arid environment: Loboï Swamp, Kenya, East Africa.***8:20** Shiri Avnery, B.S.\*, U. of Texas-Austin, *Evidence of Millennial-Scale Climate Change in the Gulf Stream: Sea Surface Temperature Estimates from a Mid-Atlantic Marine Sediment Core.***8:40** Zhaodong Feng\*, Montclair State U.; Zhaodong Feng, Research Institute of Mongolian Plateau, Beijing Normal U., China, *Environmental Changes in the Western Chinese Loess Plateau during the Past 10,000 Years.***9:00** Carl A. Reese, Ph.D.\*, U. of Southern Mississippi, *An Old Dog with New Tricks: an Automatic Tauber Trap for use in Remote Environments.***9:20** Camille A. Holmgren\*, California State U., Long Beach; Jodi Norris, Department of Botany, U. of Wyoming, Laramie, WY 82071; Julio L. Betancourt, Desert Laboratory, U.S. Geological Survey, 1675 W. Anklam Rd., Tucson, AZ 85745, *Inferences about winter temperatures and summer rains from the late Quaternary record of C4 perennial grasses and C3 desert shrubs in the northern Chihuahuan Desert.***2141. Unfiltered: Podcasting, blogging and knowledge transmission***Room:* Clark 1 (Panel Session)

ORGANIZER(S): L Jesse Rouse, West Virginia U.

CHAIR(S): Susan J. Bergeron, West Virginia U.

Panelists: Melanie McCalmont, U. of Wisconsin-Madison; L Jesse Rouse, West Virginia U.; Mr. Gregory Donovan; Susan J. Bergeron, West Virginia U.

**2143. Cryosphere I: Snowcover and Climate (Sponsored by Cryosphere Specialty Group)***Room:* Clark 3 (Paper Session)

ORGANIZER(S): Hillary Hamann, U. of Colorado At Colorado Springs

CHAIR(S): Allan Frei, Hunter College

**8:00** Ellen Mosley-Thompson\*, Ohio State U.; Lonnie G. Thompson, Ohio State U.; Ping-nan Lin, Ohio State U., *A multi-century ice core perspective on 20th century climate change.***8:20** Robert Hellstrom\*, Bridgewater State College, *An embedded sensor network reveals unique meteorological forcing within a Tropical Alpine valley.***8:40** David H. Bromwich\*, Ohio State U., *Recent trends in Antarctic snow accumulation from Polar MM5.***9:00** Allan Frei\*, Hunter College Department of Geography; Gavin Gong, Columbia U. Department of Earth and Environmental Engineering, *North American snow extent: Decadal to century scale trends in based on IPCC AR4 model simulations.*

**2145. 'New Worlds, New Orders, New Geographies'**

Room: Clark 5 (Paper Session)

ORGANIZER(S): David Atkinson, U. of Hull, UK; Michael Heffernan, U. of Nottingham

CHAIR(S): David Atkinson, U. of Hull, UK

**8:00** Charles W.J. Withers\*, U. of Edinburgh, *Geography, Science and Civil Society: The British Association for the Advancement of Science and its Overseas Meetings.*

**8:20** William Pilfold\*, U. of Sussex, UK, *Dudley Stamp, the first Land Utilisation Survey of Britain and citizenship education.*

**8:40** Michael Heffernan\*, U. of Nottingham, *Civitas Dei? The Federal Idea in Britain between the Wars.*

**9:00** David Atkinson\*, U. of Hull, UK, *Envisioning the interwar world: the geopolitical cartography of Fascist Italy.*

**9:20** Denis J. Linehan\*, U. College, Cork, *Political Cartography and Pictorial Statistics in Vienna, London and Aspen.*

**2146. Political Ecologies of Knowledge, Science and Technology I: Networks, power, and situated knowledges (Sponsored by Cultural and Political Ecology Specialty Group, Indigenous Peoples Specialty Group, Qualitative Research Specialty Group)**

Room: Clark 7 (Paper Session)

ORGANIZER(S): Mara Jill Goldman, U. of Wisconsin-Madison; Dianne E. Rocheleau, Clark U.

CHAIR(S): Chris Sneddon, Dartmouth College

Introducer: Dianne E. Rocheleau

**8:05** Roopali Phadke\*, Macalester College, *Towards a Geography of Epistemology: Learning from the People's Science Movements in India.*

**8:20** Dianne E. Rocheleau\*, Clark U., *Powered Webs and Rooted Networks in Complex Landscapes.*

**8:35** Mara Jill Goldman\*, U. of Wisconsin-Madison, *Beyond critique and integration towards postcolonial dialogues: a look at wildlife distribution patterns in Northern Tanzania.*

**8:50** Peter Brosius, Ph.D\*, U. of Georgia, *Conservation and the Metrics of Accountability.*

Discussant(s): Sarah Whatmore, Oxford U.

**2148. Internet GIS and Mapping**

Room: Clark 9 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Dr. Yang-Won Lee

**8:00** Lee Ann Nolan\*, Pennsylvania State U., *Creating Online Index Maps as a Bibliographic Tool for Libraries.*

**8:20** Benjamin C. Sheesley\*, U. of Wisconsin-Madison, *TypeBrewer: Design of an Online Help Tool for Selecting Map Typography.*

**8:40** Courtney Russell\*, U. of South Carolina, *Geographic Data Serving and ArcIMS for a Statewide Dataserver.*

**9:00** Yang-Won Lee\*, Center for Spatial Information Science, The U. of Tokyo; Key-Ho Park, Department of Geography, Seoul National U.; Ryosuke Shibasaki, Center for Spatial Information Science, The U. of Tokyo, *Building a Cross-Platform Mobile Middleware for the Wireless Internet Map Service on Cellular Phones.*

**2149. Building Information Technology Skills (BITS) Geographies: Curricular Development Approaches for Designing a Community GIS (Sponsored by Geographic Perspectives on Women Specialty Group, Urban Geography Specialty Group, Geographic Information Science and Systems Specialty Group)**

Room: Clark 10 (Panel Session)

ORGANIZER(S): Michele Masucci, Temple U.

CHAIR(S): Michele Masucci, Temple U.

Panelists: Michael Rovito; Michele Masucci, Temple U.; David J. Organ, Clark Atlanta U.; Melissa R. Gilbert, Temple U.; Tania Liz Colon; Mathew Davis, Temple U.

**2150. Geomorphology Specialty Group Graduate Student Paper Competition I (Sponsored by Geomorphology Specialty Group)**

Room: LaSalle 1 (Paper Session)

ORGANIZER(S): Susan W.S. Millar, Syracuse U.

CHAIR(S): Susan W.S. Millar, Syracuse U.

Introducer: Susan W.S. Millar

**8:05** Inci Guneralp\*, U. of Illinois at Urbana-Champaign; Bruce L. Rhoads, U. of Illinois at Urbana-Champaign, *The Spatial Relation between Planform Migration and Curvature of Meandering Rivers.*

**8:20** Zachary A. Musselman\*, U. of Kentucky, *Nonlinearity and complexity illustrated within a coastal plain fluvial system.*

**8:35** Benjamin T Crosby\*, Massachusetts Institute of Technology; Kelin X Whipple, Massachusetts Institute of Technology, *Reevaluating the Transmission of Incision Signals Through River Networks.*

**8:50** Jonathan Dinkin\*, Towson U., *The Effects of Imperviousness on the Channel Morphology of Perennial Streams in the Piedmont Region of Central Maryland.*

**9:05** Dale K Splinter\*, Oklahoma State Universtiy; Daniel C Dauwalter, Oklahoma State U.; Richard A Marston, Kansas State U.; William L Fisher, Oklahoma State U., *Ecoregion/Watashed Charcteristics of Eastern Oklahoma Streams.*

**2151. Issues in Ethnic Geography I (Sponsored by Population Specialty Group, Cultural Geography Specialty Group, Ethnic Geography Specialty Group)**

Room: LaSalle 2 (Paper Session)

ORGANIZER(S): Thomas D. Boswell, U. of Miami

CHAIR(S): Thomas D. Boswell, U. of Miami

**8:00** Thomas D. Boswell\*, U. of Miami, *Deconstructing the Black Population of Metropolitan Miami.*

**8:20** Susan E. Hume\*, Southern Illinois U. Edwardsville, *Black Newcomers and Race in Contemporary America.*

**8:40** Ira M. Sheskin, PhD\*, U. of Miami, *Counting an Ethnic Group: The Number of American Jews.*

**9:00** James P. Allen\*, California State U. - Northridge, *Ethnic Geography Dynamics: Clues from Los Angeles.*



**2152. Recent Innovations in Activity-Travel Behaviour Research: Behavioural Analysis, Modelling and Policy Linkages I (Sponsored by Transportation Geography Specialty Group)**

*Room:* LaSalle 3 (Paper Session)

ORGANIZER(S): Ron N Buliung, U. of Toronto At Mississauga

CHAIR(S): Ron N Buliung, U. of Toronto At Mississauga

**8:00** Suzanna Klaf\*, The Ohio State U.; Mei-Po Kwan, The Ohio State University, *Women's Attitudes Towards E-shopping and its Impact on their Shopping Behavior: a Case Study of Columbus, Ohio.*

**8:20** Darren M. Scott\*, McMaster U., *Constrained destination choice sets and the modifiable areal unit problem.*

**8:40** Sylvia Y. He\*, Darren M. Scott, *A preliminary analysis of shopping destination choice behavior using a spatio-temporal framework.*

**9:00** Fang Ren\*, The Ohio State U.; Mei-Po Kwan, The Ohio State U., *Geovisualization of Hybrid Activity-Travel Patterns.*

**2153. The Cultural Logic of Alternative Foods**

*Room:* LaSalle 4 (Paper Session)

ORGANIZER(S): Nicholas Bauch, U. of Wisconsin-Madison; Ms. R.J. Roff

CHAIR(S): Nicholas Bauch, U. of Wisconsin-Madison

**8:00** Heather Putnam\*, U. of Kansas, *Creating Real Meaning: the dialogue between northern consumers and Fair Trade farmers in Matagalpa, Nicaragua.*

**8:20** Melissa Schafer\*, Technical U. of Munich - Weihenstephan, *The Sustainable Food and Agriculture Movement in Munich, Germany.*

**8:40** Nicholas Bauch\*, U. of Wisconsin-Madison, *Cleaning up the Organic Paradox: community supported agriculture.*

**9:00** Robin Jane Roff\*, Simon Fraser U., *"Unveiling" the Ethics of Care: The Logic of Eating GE-Free.*

**9:20** Emily Eaton\*, U. of Toronto, *The Development of a Niagara Regional Cuisine?: Meaning and Livelihood Making Among Alternative Food Actors.*

**2154. Understanding networks at the science-policy interface 1: science-policy interactions**

*Room:* LaSalle 5 (Paper Session)

ORGANIZER(S): Dr. Jason Chilvers, U. of Birmingham; Dr. James Evans, U. of Birmingham

CHAIR(S): Dr. Jason Chilvers, U. of Birmingham

**8:00** Alister Scott\*, SPRU (Science and Technology Policy Research), U. of Sussex, *'Relevance' in environmental research: some evidence from the UK.*

**8:20** Maxwell T Boykoff\*, UC - Santa Cruz, *The Role of the United States Mass Media at the Climate Science-Policy Interf.*

**8:40** Gail Davies\*, U. College London, *Locating species identity: political cultures and animal ethologies at the science-policy interface.*

**9:00** Barbara J. Morehouse\*, Inst for the Study of Planet Earth, *Unchaining Prometheus in the Anthropocene Era.*

**9:20** Mary Dengler, PhD\*, Department of Geography, Royal Holloway, U. of London, *Spaces of power for action: an institutional analysis of the Everglades Restudy process.*

**2156. Geography Education Specialty Group Student Paper Competition I (Sponsored by Geography Education Specialty Group)***Room: Sandburg 2 (Paper Session)*

ORGANIZER(S): Janet Smith, Shippensburg U.

CHAIR(S): Janet Smith, Shippensburg U.

Introducer: Janet Smith

**8:05** Tracy Edwards\*, Frostburg State U., *Crossing the Bridge from Traditional to Online Physical Geography.***8:25** Casey D Allen\*, Arizona State U., *Using Geography to Enhance Academic Advising and Student Success.***8:45** Mark C. Jones\*, U. of Connecticut at Hartford, *A Mixed Methods Investigation into the Teaching of Political Geography to University Students in North America.*

Discussant(s): Joseph P. Stoltman, Western Michigan U.

**2158. RSSG Student Honors Paper Competition 1 (Sponsored by Remote Sensing Specialty Group)***Room: Sandburg 4 (Paper Session)*

ORGANIZER(S): Jonathan Thayn

CHAIR(S): Jonathan Thayn

**8:00** Zhe Li\*, Clark U.; J. Ronald Eastman, Clark U., *Soft classification algorithms for the Self-Organizing Map.***8:20** Amy L McCleary\*, U. of North Carolina at Chapel Hill; Kelley A Crews-Meyer, U. of Texas at Austin, *A Multi-Temporal Classification Approach to Isolating Seasonal Variation in Landuse/Landcover Change in the Peruvian Amazon.***8:40** Kuan Song\*, Department of Geography & Institute of Advanced Computing Studies, U. of Maryland, *Land cover change of the closed forests of South America between 1990 and 2000.***9:00** Desheng Liu\*, U. of California at Berkeley, *Detecting Sudden Oak Death Dynamics from Multi-temporal High Spatial Resolution Imagery.***2159. Spatial Analysis Applications (Sponsored by Spatial Analysis and Modeling Specialty Group)***Room: Sandburg 5 (Paper Session)*

ORGANIZER(S): David Wong, George Mason U.

CHAIR(S): Tony H. Grubestic, U. of Cincinnati

**8:00** Tony H. Grubestic\*, U. of Cincinnati, *Zip Codes and Spatial Analysis: Problems and Prospects.***8:20** Hu Wei\*, Center for Urban and Regional Analysis and the Department of Geography, The Ohio State University; Alan T. Murray, Center for Urban and Regional Analysis and the Department of Geography, The Ohio State U.; Timothy C. Matisziw, Center for Urban and Regional Analysis, The Ohio State U., *An EM Algorithm for Inferring OD Traffic Matrices.***8:40** Lauren Paletta, Master's Student\*, Boston U. Center for Energy and Environmental Studies; Sucharita Gopal, Ph.D., Boston U. Department of Geography; Barbara Mahon, MD, MPH, Boston U. Department of Epidemiology and Pediatrics; Jason Sanders, Undergraduate Student, Boston U. College of Arts and Sciences, *Spatial Distribution and Analysis of Pneumococcus Infection in the United States (1990 - 2000).*

9:00 Fahui Wang, PhD\*, Northern Illinois U.; Sara McLafferty\*, U. of Illinois, *Late-Stage Cancer Clusters and Healthcare Access*.

9:20 Ikuho Yamada\*, Indiana U. Purdue U. Indianapolis; Karen Frederickson, The Polis Center, Indiana U. Purdue U. Indianapolis, *Exploratory Modeling of Teenage Pregnancy Prevalence*.

**2160. Beyond Revanchism: Risk and Contradiction in the Entrepreneurial City (Sponsored by Urban Geography Specialty Group)**

Room: Sandburg 6 (Paper Session)

ORGANIZER(S): Alec Brownlow, DePaul U.

CHAIR(S): Alec Brownlow, DePaul U.

8:00 Steve D. Millington\*, Insitute for Culture, Gender and the City - Manchester Metropolitan Universtiy, *Understanding and managing risk in British local government*.

8:20 Katherine B. Hankins\*, U. of Georgia, *Gentrifiers as victims? The state of social services in the neoliberal city*.

8:40 Craig Johnstone\*, U. of Brighton; Gordon MacLeod, U. of Durham, *From Urban Renaissance to 'Sustainable Communities': Soft-Focusing the Geographies of Revanchism in England's Cities*.

9:00 Alec Brownlow\*, DePaul U., *Risking contradiction: Sexual violence and entrepreneurial ambivalence in Philadelphia*.

Discussant(s): Tom Slater, U. of Bristol

**2161. Does Context Count? Evaluating the Role of Neighborhoods and Place on Education (Sponsored by Population Specialty Group)**

Room: Sandburg 7 (Paper Session)

ORGANIZER(S): Valerie Ledwith, U. of California, Los Angeles; Ron J. Johnston, U. of Bristol

CHAIR(S): Valerie Ledwith, U. of California, Los Angeles

Introducer: Valerie Ledwith

8:20 Ron Johnston\*, U. of Bristol, *Ethnic segregation in neighbourhoods and schools in England*.

8:40 Molly J Warrington\*, U. of Cambridge, UK, *Narratives of Place and Identity among English School Students*.

9:00 William A Clark\*, U. of California - Los Angeles, *Evaluating Disjunctions Between School and Neighborhood Population Composition*.

9:20 Nick Lewis\*, U. of Auckland, *Levelling the playing fields: school closures in New Zealand*.

**2162. Urban, Regional and Global Changes: Industrial and Financial Perspectives (Sponsored by Regional Development and Planning Specialty Group)**

Room: Sandburg 8 (Paper Session)

ORGANIZER(S): Sudhir K. Thakur, California State U. Sacramento; George M. Pomeroy, Shippensburg U.

CHAIR(S): Samuel Thompson, Western Illinois U.

8:00 Meenu Tewari\*, U. of North Carolina at Chapel Hill, *Adjustments in India's textile and apparel industry: Reworking historical legacies in the post-MFA world*.

8:20 Sudhir K. Thakur\*, California State U. Sacramento, *Location of Research and Development (R & D) Facilities in India: A Regional Analysis*.

**8:40** Jennifer Yongmei Pomeroy\*, U. of Maryland/Shippensburg U. PA, *Spatial and Temporal Analyses of Biophysical Characteristics of Urban Sprawl in Mega Cities by MODIS.*

**9:00** Ron McChesney\*, Ohio State U., *Visualization of Temporal Spatial Patterns of the Global Financial System.*

**2163. Geographies of the American Civil War, Past and Present**

*Room:* Montrose 1 (Paper Session)

ORGANIZER(S): Dr. Lisa Brady, Boise State U.

CHAIR(S): Dr. Lisa Brady, Boise State U.

**8:00** Lisa Marie Brady, PhD\*, Boise State U., *Geography of Destruction: Sheridan's Raids in the Shenandoah Valley, 1864.*

**8:20** Megan Kate Nelson, Ph.D.\*, Texas Tech U., *Geographies of Confusion: Ruined Cities and the American Civil War.*

**8:40** Brian C. Black\*, Penn State Altoona, *The Nature of Battle: Contesting Ideals of Ecology and History at Gettysburg.*

Discussant(s): Anne Kelly Knowles, Middlebury College

**2164. Techniques In Recreational Geography**

*Room:* Montrose 2 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Anthony T. Nasuta, Kent State U.

**8:00** Troy Carlson\*, USAF Academy, *Geographic Information Systems and Image Processing, Tools for Recreational Land Use Planning and Conflict Mitigation: A Case Study within the Monument Open Space, Monument Colorado.*

**8:20** Wendy Miller\*, Washington College, *Category Formation by Hikers in the Natural Environment.*

**8:40** Sean Hartnett\*, U. of Wisconsin - Eau Claire, *The Geography of the 2005 Chicago Marathon.*

**9:00** Anthony T. Nasuta\*, Kent State U., *Geography's Role in Search and Rescue.*

**2169. Dynamics of Neoliberal Governance I (Sponsored by Socialist and Critical Geography Specialty Group, Urban Geography Specialty Group)**

*Room:* Montrose 7 (Paper Session)

ORGANIZER(S): David Wilson, U. of Illinois; Roger Keil, York U.

CHAIR(S): Roger Keil, York U.

**8:00** Kevin Ward\*, U. of Manchester, *Making marketplaces: circuits of revenue and capital, and the downtown as a new 'governable space'.*

**8:20** Laura Pangallozzi\*, Rutgers, *Racial Integration Management and Conservative Social Movements.*

**8:40** David Wilson, Ph.D\*, U. of Illinois, *The Paradox of Neoliberal Redevelopment in Chicago.*

**9:00** Rina Ghose\*, U. of Wisconsin Milwaukee, *Neoliberalism and Politics of Scale in Urban Governance: The Case of Milwaukee..*

Discussant(s): Gordon MacLeod, U. of Durham

**2170. Nationalism, Geography, and Performance (Sponsored by Political Geography Specialty Group, Historical Geography Specialty Group, Cultural Geography Specialty Group)**

*Room:* Burnham 1 (Paper Session)

ORGANIZER(S): Joshua Hagen, Marshall U.

CHAIR(S): Joshua Hagen, Marshall U.

**8:00** Charles E. Greer, Department of Geography, Indiana U.; Daniel C. Knudsen\*, Indiana U., *Nationalpark Thy: Wilderness and the Danish Nationscape*.

**8:20** Lisa M. Benton-Short\*, The George Washington U., *The National Mall and National Identity, 1791-1899*.

**8:40** Gareth E. John\*, St. Cloud State U., *Hayden and the Heroic Enactment of Yellowstone*.

**9:00** Andrew Baldwin\*, Carleton U., *Paddling Towards Recovery: Canada's Boreal Forest as Recovery Narrative*.

**9:20** Mathias Le Bossé, Kutztown U. of Pennsylvania\*, Kutztown U. of Pennsylvania, *Performing Remembrance: Commemorative Geographies and the Legacy of D-Day*.

**2171. Indigenous Geographic Information Science and Systems - I (Sponsored by Geographic Information Science and Systems Specialty Group)**

*Room:* Burnham 2 (Paper Session)

ORGANIZER(S): Timothy L. Nyerges, U. of Washington

CHAIR(S): David M. Mark, U. at Buffalo

**8:00** L A Shanley, PhD Candidate\*, Nelson Institute for Environmental Studies, U. of Wisconsin-Madison; Stephen J Ventura, Professor, U. of Wisconsin-Madison, *Indigenous Spatial Knowledge and GIS Data: Ownership, Control and Access Issues for Indian Nations in the United States*.

**8:20** Renee Sieber, Associate Professor\*, McGill U.; Christopher Wellen, McGill U., *Participatory geo-spatial information technology using ontologies and folksonomies*.

**8:40** Mark H. Palmer\*, U. of Oklahoma, *Indigital Knowledge: The Bureau of Indian Affairs, GIS, and the Automation of Indian Country*.

Discussant(s): Melinda J. Laituri, Colorado State U.

**2173. Migrants and Immigrants: Communities and Policies**

*Room:* Burnham 4 (Paper Session)

ORGANIZER(S): Jen Kitson, California State U., Los Angeles

CHAIR(S): Daniel Borough, California State U., Los Angeles

**8:00** Kari Burnett\*, California State U., Los Angeles, *The Reversal of Migration Patterns in Ireland*.

**8:17** Monique Nicole Hernandez, M.A.\*, U. of Miami; Adam Levy, B.A., U. of Miami, *Immigrant's Access to Healthcare in Miami-Dade County*.

**8:37** Betty Lininger, Ph D Student\*, U. of Florida, *Somali Enclaves: Increasing Presence on the American Urban Landscape*.

**8:57** Aki Michimi\*, U. of Connecticut, *Return Migration of African Americans: Brain Gain and Suburban Growth in the South*.

**9:17** Jen Kitson\*, California State U., Los Angeles; Daniel Borough, Ph.D.\*, California State U., Los Angeles; Killian P. Ying, Ph.D.\*, California State U., Los Angeles, *Differentiating Spatial Clusters of New Agrarians in California*.

**2174. Temporary Labor Migration 1**

Room: *Burnham 5* (Paper Session)

ORGANIZER(S): Michael Collyer, U. of Sussex; Amy Freeman, Vassar College

CHAIR(S): Michael Collyer, U. of Sussex

**8:00** Amy Freeman\*, Vassar College, *Domestic workers and child-maids in Morocco: from migrants to agents of globalization?*

**8:18** Monica Smith, graduate student\*, U. of Colorado, Boulder, *Unsilenced Voices: Agency and Self Empowerment Among Women Migrant Workers.*

**8:36** Leah F. Vosko\*, York U., *'Managing Migration' or Exacerbating Precarious Employment?.*

**8:54** Roy A Maconachie\*, Institute of Development studies, Sussex, *Temporary labour migration and sustainable post-conflict return in Sierra Leone: evidence from the Eastern province.*

**9:12** Ahmed Allahwala\*, York U., Toronto, Canada, *Immigrant Workers, Employment Assistance and Precarious Employment in Toronto.*

Discussant(s): Rachel Silvey, U. of Colorado

**10:00 a.m. – 11:40 a.m.**

**2201. French Theory? Inspiring alternative approaches to space (II)**

*Room:* Salon 1 (Panel Session)

ORGANIZER(S): Juliet Fall, U. of British Columbia; Dr. Mathis Stock, Swiss Federal Institute of Technology, Lausanne (EPFL)

CHAIR(S): Juliet Fall, U. of British Columbia

Introducer: Juliet Fall

Panelists: Prof. Jacques Levy, Ecole Polytechnique Federale De Lausanne, Switzerland; Prof. Michel Lussault; Dr. Mathis Stock, Swiss Federal Institute of Technology, Lausanne (EPFL); John R. Allen, OPEN UNIVERSITY

**2202. Geographies of Economic Geography II: Developing Global Economic Geographies (Sponsored by Economic Geography Specialty Group, China Specialty Group, Asian Geography Specialty Group)**

*Room:* Salon 2 (Panel Session)

ORGANIZER(S): Weidong Liu, Chinese Academy of Sciences

CHAIR(S): Weidong Liu, Chinese Academy of Sciences

Panelists: Martin H. Hess, U. of Manchester; Jinn-Yuh Hsu, National Taiwan U.; Neil Coe, U. of Manchester; Yong-Sook Lee, National U. of Singapore; Philip Kelly, York U.

**2203. Water Resources: Illustrations Across the Board (Sponsored by Water Resources Specialty Group)**

*Room:* Salon 3 (Illustrated Paper Session)

ORGANIZER(S): Sandra L. Clark, Bridgewater State College

CHAIR(S): Sandra L. Clark, Bridgewater State College

**10:00** Patricia J. Beyer, Ph.D.\*, Bloomsburg U. of Pennsylvania; John G. Hintz, Ph.D., Bloomsburg U. of Pennsylvania; Joseph C. Hill, Bloomsburg U. of Pennsylvania, *Environmental History of Lower Fishing Creek*.

**10:05** Brian Brodeur\*, Massachusetts Department of Environmental Protection, *Wetlands Change Detection in Massachusetts*.

**10:10** Gregory S. Ridenour, Ph.D.\*, Austin Peay State Univ., *Modifying Usgs Land Cover Shapefiles For For Modeling Nutrient Loading*.

**10:15** Tenny R Bache\*, U. of British Columbia; Michael Buzzelli, PhD, U. of British Columbia; Marie Louie, U. of Calgary; Norman Neumann, U. of Calgary; Scott McEwen, Ontario Veterinary College; Frances Jamieson, Ontario Public Health Laboratories; Bruce Cieben, Ontario Public Health Laboratories; Rebecca Irwin, Health Canada, *Environmental Covariates of E. coli and Total Coliforms in Ontario's Groundwater: A Land Use Regression Approach*.

**10:20** Jinnieth J Woodward\*, Shippensburg U.; Christopher J Woltemade, PhD, Shippensburg U., *The ability of wetlands to reduce nitrate concentrations in agricultural areas*.

**10:25** Laura Merner\*, Kate Del Vecchio; Isaac Payano; Sarah Assefa, *Assessing Vulnerability to Drought in the Ipswich River*.

**10:30** Sandra L. Clark, Ph.D.\*, Bridgewater State College, *Teaching Water Resources to Undergraduates in the United States*.

**2204. Geography of Wine 1: New World Wine Regions (Sponsored by Wine Specialty Group)**

Room: Salon 4 (Paper Session)

ORGANIZER(S): Percy H. Dougherty, Kutztown U. of Pennsylvania

CHAIR(S): Kenneth C. Martis, West Virginia U.

10:00 Robert P. Sechrist\*, Indiana U. of Pennsylvania, *Pennsylvania Restaurant Wine Sales*.

10:20 Katie Algeo\*, Western Kentucky U., *Structures and Strategies in Creating a Kentucky Wine Region*.

10:40 Nicolas Lewis, The U. of Auckland; Steven C. Kelly\*, U. of Auckland, *Part of the Family? Synergies and sepia in the selling of New Zealand wine*.

11:00 Frances Rose Sternberg\*, Ethical Culture School, *Entrance of Brazilian Wines In The Worldwide Market*.

**2205. Amenity Migration, Exurbia, and Emerging Rural Landscapes 2: Socio-Ecological Implications (Sponsored by Recreation, Tourism, and Sport Specialty Group, Cultural and Political Ecology Specialty Group, Rural Geography Specialty Group)**

Room: Salon 5 (Paper Session)

ORGANIZER(S): Hannah Gosnell, Oregon State U.

CHAIR(S): Dr. Patrick T. Hurley, College of Charleston

10:00 Peter A. Walker\*, U. of Oregon, *Four legs good, two legs bad? Reconsidering exurban ecology in the Sierra Nevada*.

10:20 Hannah Gosnell\*, Oregon State U.; Julia Hobson Haggerty, U. of Otago, *Contested waters: amenity migration and new approaches to water resource management in the Greater Yellowstone Ecosystem*.

10:40 Nik Luka\*, U. of Toronto, *Placing the 'natural' edges of a metropolitan region through multiple residency*.

11:00 Thomas W. Dickinson, MA candidate in Geography\*, U. of Colorado, *Assessing Landscape Vulnerability in High Amenity Areas: A GIS Approach Using Land Tenure Pattern*.

11:20 Samuel D Gold\*; Matthew Foulkes, *Permanent Visitors: The impact of permanent migration to traditional tourist areas in the lake regions of rural Missouri*.

**2206. CPGIS Poyang Lake Environmental and Ecological Studies**

Room: Salon 6 (Paper Session)

ORGANIZER(S): Le Wang, Texas State U.

CHAIR(S): Le Wang, Texas State U.

10:00 Shuming Bao\*, U. of Michigan; Xiaoling Chen, Wuhan U., *RS/GIS based Study on Water Environment and Wetlands in the Poyang Lake Basin*.

10:20 Bing Xu\*, U. of Utah; Peng Gong, U. of California, Berkeley, *Thoughts and exploratory research in Poyang Lake region*.

10:40 Hui Lin\*, The Chinese U. of Hong Kong; Huiyong Song, The Chinese U. of Hong Kong; Limin Yang, The Chinese U. of Hong Kong, *Characterizing the Dynamic Changes of Poyang Lake Wetland Using ENVISAT/ASAR Data*.

11:00 David Shankman\*, U. of Alabama; Barry D. Keim, Louisiana State U.; Jie Song, Northern Illinois U., *Flood Prediction in China's Poyang Lake Region*.



**2207. Linking Social Processes to Regional Climate Change (Sponsored by Africa Specialty Group, Climate Specialty Group, Remote Sensing Specialty Group)**

*Room:* Salon 7 (Interactive Short Paper Session)

ORGANIZER(S): Jiaguo Qi, Michigan State U.; Jennifer Olson, Michigan State U.

CHAIR(S): David J. Campbell, Michigan State U.

**10:00** Jiaguo Qi\*, Michigan State U.; Jianjun Ge, Michigan State U.; Nathan Torbick, Michigan State U.; Nathan J. Moore, Michigan State U., *Assessing impacts of land cover change on regional climate in East Africa.*

**10:05** Gopalsamy Alagarswamy\*, Department of Geography, Michigan State U., USA; Jeffrey A. Andresen, Department of Geography, Michigan State U., USA.; Philip K. Thornton, International Livestock Research Center (ILRI), Kenya.; Ruth Doherty, Institute of Meteorology, U. of Edinburgh, UK., *Estimating Spatial and Temporal Characteristics of Net Primary Productivity in East Africa.*

**10:10** Nathan Torbick\*, Michigan State U.; J. Qi, Michigan State U.; D. Lusch, Michigan State U.; J. Olson, Michigan State U.; J. Ge, Michigan State U., *Land use land cover assessment and parameterization for climate-land interaction modeling..*

**10:15** M. Benjamin Goodwin\*, Michigan State U., *Impacts of pastoral land management activities on the ecology of savanna ecosystems in East Africa.*

**10:20** Sigismund Ayodele Wilson\*, Michigan State U., *Competition over land and water resources and land use in Tanzania.*

**10:25** Sarah L Hession, M.S. \*, Michigan State U.; Nathan Torbick, M.S., Michigan State U.; Ashton Shortridge, Ph.D., Michigan State U., *Geostatistical Analysis of Precipitation in East Africa.*

**10:30** Jianjun Ge\*, Michigan State U.; Jiaguo Qi, Michigan State U.; Nathan J. Moore, Michigan State U.; Nathan Torbick, Michigan State U., *Comparison of Land Surface Temperature from Moderate-Resolution Imaging Spectroradiometer (MODIS) and Regional Atmospheric Modeling System (RAMS) in East Africa.*

**10:35** Jennifer M Olson\*, Michigan State U., *Patterns and drivers of regional-level land use dynamics in East Africa in the context of climate change.*

**10:40** Amelie Y Davis, PhD Student, Purdue U.; Bryan Pijanowski\*, Purdue U., *The effect of LUCC model resolution on scale of aggregation.*

**10:45** Jing Wang\*, Michigan State U.; Jiaguo Qi, Michigan State U.; Lijian Yang, Michigan State U., *Derivation of Phenological Information for Improved Regional Climate Modeling.*

Panelists: David J. Campbell, Michigan State U.; Jeffrey A. Andresen, Michigan State; Nathan Moore

**2208. Regional Innovation systems; theory methods and practice 2 Regional innovation systems and places (Sponsored by Economic Geography Specialty Group)**

*Room:* Salon 8 (Paper Session)

ORGANIZER(S): Dr. Helen Lawton Smith, Birkbeck U. of London; Bjorn T. Asheim, Univeristy of LUND, Sweden

CHAIR(S): Sharmistha Bagchi-Sen, SUNY-Buffalo

**10:00** Bjorn T. Asheim\*, Univeristy of LUND, Sweden, *Constructing Regional Advantage: Knowledge Bases, Talents and Regional Innovation Systems.*

**10:20** Ray Hudson\*, Durham U., *From Knowledge-based Economy to ? Knowledge-based Economy? Reflections of changes in the economy and development policies in the north east of England.*

**10:40** Paul Benneworth\*, U. of Newcastle Upon Tyne, *The role of university spin-off firms in strengthening regional innovation systems in weaker places.*

**11:00** Tim Vorley\*, U. of Leicester, *Universities and Regional Innovation Systems: An Academic Typology or Academic Topology.*

Discussant(s): Dr. Helen Lawton Smith, Birkbeck U. of London

**2209. Economic Geography: Behavior of Firms**

Room: Salon 9 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Gordon L. Clark, U. of Oxford

**10:00** Julien Mercille\*, UCLA, *The U.S. military-industrial complex: a geographical perspective.*

**10:20** Jayme Walenta, Ph.D. Candidate\*, U. of British Columbia, *Putting critical cartography into economic practice: how Enron made a market out of a price curve.*

**10:40** Thomas H. Estabrook, Ph.D.\*, Department of Community Health and Sustainability, U. of Massachusetts-Lowell; Craig Slatin, D.Sc., Department of Community Health and Sustainability, U. of Massachusetts-Lowell; Dora Tovar, M.P.H., Department of Community Health and Sustainability, U. of Massachusetts-Lowell, *The Export of Workplace Injury from the United States: Mapping the Flow of Hazardous Jobs and Collective Resistance.*

**11:00** Marc I Roemer\*, US Census Bureau; Matthew L Freedman, U. of Maryland; Julia Lane, PhD Economics, National Science Foundation, *New Approaches to Creating Data for Economic Geographers.*

**11:20** Gordon L. Clark\*, U. of Oxford; James Salo\*, U. of Oxford, *Shareholder activism, social & environmental standards: an analysis of recent trends from annual general meetings 2001-2004..*

**2210. It Takes a Long Time to Make a Good Map: Mapping Chronic Disease (Sponsored by Spatial Analysis and Modeling Specialty Group, Medical Geography Specialty Group, Population Specialty Group)**

Room: Salon 10 (Paper Session)

ORGANIZER(S): Ronald E. Cossman, Mississippi State U.; Max Lu, Kansas State U.

CHAIR(S): Ronald E. Cossman, Mississippi State U.

**10:00** Katrina Van Valen Moore\*, Centers for Disease Control; Michele Casper, Centers for Disease Control; Ishmael Williams, Centers for Disease Control; Eric Tassone, Centers for Disease Control, *Mapping and Modeling Geographic Disparities Over Time: Heart Disease Mortality.*

**10:20** Ronald E. Cossman, PhD\*, Mississippi State U.; Jeralynn S. Cossman, PhD, Mississippi State U.; Wesley L. James, MS, Mississippi State U.; Troy Blanchard, PhD, Mississippi State U.; Richard Thomas, PhD, U. of Tennessee Health Science Center; Louis Pol, PhD, U. of Nebraska, Omaha; Arthur Cosby, PhD, Mississippi State U., *Morbidity-Mortality Mismatch: Mapping Populations at Risk for Heart Disease.*

**10:40** Max Lu\*, Kansas State U., *Mortality in the American Great Plains: Is there an urban-rural divide?.*

**11:00** Steven Reader\*, U. of South Florida; Elizabeth Barnett, U. of South Florida; Michelle Casper, Centers for Disease Control; Beverly Ward, U. of South Florida, *County-level Geographic Variation in Cardiac Deaths by Transportation Response: The National Picture, 1991-2000..*

- 2211. Neoliberal Citizenship: Governance, Property and Economically Viable Subjects II (Sponsored by Economic Geography Specialty Group, Geographic Perspectives on Women Specialty Group, Socialist and Critical Geography Specialty Group)**  
*Room: Salon 11 (Paper Session)*  
ORGANIZER(S): Melissa W. Wright, Penn State U.; Becky Mansfield, Ohio State U.  
CHAIR(S): Becky Mansfield, Ohio State U.  
**10:00** Kevin St. Martin\*, Rutgers U., *Fishermen, Territory, and the Inhabitation of Neoliberal Space.*  
**10:20** Becky Mansfield\*, Ohio State U., *Paradoxes of property and citizenship in the Western Alaska Community Development Quota.*  
**10:40** Wendy Wolford\*, U. of North Carolina at Chapel Hill, *The Takings Clause: Paradoxes of Neoliberalism and Eminent Domain in the United States.*  
**11:00** Leila M Harris\*, U. of Wisconsin, Madison, *Neo(liberal) Citizens of Europe: Turkish accession to the EU, investments in 'civil society', and geographies of environmental politics.*  
Discussant(s): James P. McCarthy, Pennsylvania State University
- 2212. Where Are We? Recent Approaches to Population Distribution Estimation I (Sponsored by Spatial Analysis and Modeling Specialty Group, Population Specialty Group, Remote Sensing Specialty Group)**  
*Room: Salon 12 (Paper Session)*  
ORGANIZER(S): David Rickter Rain, The George Washington U.; Budhendra Bhaduri, Oak Ridge National Laboratory  
CHAIR(S): David Rickter Rain, The George Washington U.  
**10:00** David R. Rain\*, The George Washington U., *Towards Settlement Science: A Research Agenda for Urban Geography.*  
**10:20** Derek Azar\*, The George Washington U., *Modeling the Distribution of Populations Vulnerable to Coastal Hazards in San Juan, Puerto Rico.*  
**10:40** Christine M. Erlien\*, U. of North Carolina - Chapel Hill, *Historical Data Integration and Analysis: Toward a Multi-temporal Analysis of Population Growth and Land Cover Change in the Northern Ecuadorian Amazon.*  
**11:00** Adam Storeygard\*, CIESIN, Columbia U.; Deborah Balk, CIESIN, Columbia U.; Greg Yetman, CIESIN, Columbia U.; Robert S. Chen, CIESIN, Columbia U., *Global Distribution of Human Population and Welfare: Moving Towards Spatial Refinements.*  
**11:20** Jeffrey Safran\*, U. of Colorado; Christopher D Elvidge, PhD, NOAA/NGDC; Paul Sutton, PhD, U. of Denver; Benjamin Tuttle, Cooperative Institute for Research in Environmental Sciences, U. of Colorado at Boulder, *Potential for Global Mapping of Development Via A NightSat Mission.*
- 2213. Urban Geography in China**  
*Room: Cresthill Room 11 (Paper Session)*  
ORGANIZER(S): Program Committee  
CHAIR(S): Mi Shih  
**10:00** Yu Yong\*, *Dadu city: an image of cosmos.*  
**10:20** Jean-François Doulet\*, Paris Institute of Political Studies, *From the post-Maoist city to the new Chinese city: understanding urban China today.*

- 10:40 Jian-Yi Liu\*, Montana State U., *China: The Changing Urban Landscape*.  
 11:00 Shujuan Li\*, Texas A&M U., *Zipf's Law and City Size Evolution in China*.  
 11:20 Mi Shih\*, Rutgers U., *Disputed Relocation in Property Development in Shanghai, China*.

**2214. Geography & Drug Addiction Symposium Paper Session  
 Geography of Injection Drug Users and HIV**

Room: Crystal (Paper Session)

ORGANIZER(S): AAG and NIDA

CHAIR(S): Steffanie Strathdee, U. of California, San Diego

- 10:00 Samuel R. Friedman, National Development and Research Institutes, Barbara Tempalski, National Development and Research Institutes, Hannah L.F. Cooper, National Development and Research Institutes, Spencer Lieb, Florida Department of Health, Peter Flom, National Development and Research Institutes, Risa Friedman, National Development and Research Institutes, Don C. Des Jarlais, National Development and Research Institutes and Beth Isreal Medical Center, *Metropolitan Social Geography as a Factor in Patterns of Drug Use and of Related Infectious Disease and Services*.  
 10:15 Barbara Tempalski, National Development and Research Institutes, *Exploring Place Effects in the Geographic Distribution of Syringe Exchange Program*.  
 10:30 Steve Lankenau, U. of Southern California, Jennifer Jackson Bloom, Children's Hospital Los Angeles, Bill Sanders, U. of Southern California, Dodi Hathazi, Children's Hospital Los Angeles, *Mapping the First and Most Recent Injection of Ketamine Among Young Injection Drug Users (IDUs)*.  
 10:45 Kimberly Brouwer, U. of California School of Medicine – San Diego, Rafael Vela, El Colegio de la Frontera Norte, Remedios Lozada, Patronato COMUSIDA, Michelle Firestone, U. of California School of Medicine – San Diego, Carlos Magis-Rodríguez, National Center for the Prevention and Control of HIV/AIDS, Steffanie A. Strathdee, U. of California School of Medicine – San Diego, *Using GIS to Study IDU Risk Environments Along the Mexico/U.S. Border*.  
 11:00 Adrian Nagy, U. of South Florida, *The Natural Diffusion of HIV in Drug use: a Spatial Analysis*.  
 11:15 Discussion

**2215. Cities and Migration**

Room: Private Dining Room 4 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Sarah A. Blue, Northern Illinois U.

- 10:00 Adam M Pine\*, Rutgers U., *Immigration and Neighborhood Redevelopment in a Transnational Era*.  
 10:20 Joshua D. Kirshner, MA Urban Planning\*, Cornell U., *Internal Migration and Unequal Integration in Bolivia's Media Luna Region*.  
 10:40 Tamar Eve Mott\*, Ohio State U., *Coming to America: The Role of Voluntary Resettlement Agencies in Migration to the US*.  
 11:00 Allison Sauer\*, *Solidarity in the Transnational City: Non-Status People and Transnational Activism*.  
 11:20 Sarah A. Blue, Ph.D.\*, Northern Illinois U.; Anita I Drever, Ph.D., U. of Tennessee at Knoxville, *Latino Migration to New Orleans: A Window on Patterns of Latino Migration to the South*.

**2216. Climatology: The Best of the West**

Room: Private Dining Room 5 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jonathan M. Herbert, Jacksonville State U.

10:00 Jeffrey Underwood\*, Nevada State Climate Office, U. of Nevada, *Developing a Climatology of Freezing Fog for Northern Nevada.*

10:20 Sunday D. Goshit\*, U. of Iowa, *The integration of Synoptic and Topographic characteristics in estimating Precipitation in western Montana.*

10:40 Jacqueline J. Shinker, Department of Geography\*, U. of Wyoming; Patrick J Bartlein, Department of Geography, U. of Oregon; Cary J Mock, Department of Geography, U. of South Carolina, *Spatial and Temporal Variability of Western United States Climate.*

11:00 Casey C Thornbrugh\*, U. of Arizona; Margaret Hiza-Redsteer, PhD, U.S. Geological Survey, *Assessing Factors contributing to Sand Dune Mobility over the Coalmine Mesa Chapter area of the Navajo Nation.*

11:20 Jonathan M. Herbert\*, Jacksonville State U., *The Future Climate of Big Bend National Park, Texas.*

**2217. Africa: Land Tenure and Refugees**

Room: Private Dining Room 6 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Rebecca Farmer

10:00 Matthew Pritchard\*, Macalester College, *Land Tenure and Agricultural Intensification in Post-Genocide Rwanda.*

10:20 Kikombo Ilunga Ngoy, Dr. \*, Kean U., *Evaluating the impact of war on the environment around Lubumbashi in the Democratic Republic of Congo using satellite data..*

10:40 Courtney J Donovan, Doctoral Candidate\*, U. of Washington, *The Middle of Nowhere: Refugee Camp Mismanagement and the Shadow State.*

**2218. Geographies of the Great Lakes II**

Room: Private Dining Room 7 (Paper Session)

ORGANIZER(S): Patrick Lawrence, U. of Toledo

CHAIR(S): Patrick Lawrence, U. of Toledo

10:00 Nancy A Brown\*, *The Impact of Prescribed Fire on Biodiversity of Understory Forbs in an Old Growth Pine Ecosystem in the upper Midwest.*

10:20 James L. Wescoat\*, U of Illinois, Urbana-Champaign, *The Evolving Landscape of The Public Trust Doctrine: International Lessons of, And For, The Great Lakes.*

10:40 Frederick E. Nelson\*, U. of Delaware; Kenneth M. Hinkel, U. of Cincinnati, *The Huron Mountain Climate Observation Network: Design and Initial Results.*

11:00 Kin M. Ma\*, Michigan State U., *Spatial and temporal dynamics of the Lower Peninsula of Michigan (1973-2000).*

11:20 Patrick Lawrence\*, U. of Toledo, *Across the Lakes, Across the Border: A Comparison of Great Lakes Remedial Action Plans from Hamilton Ontario and Maumee Ohio Areas of Concern.*

**2219. Population Geograhly Student Paper Competition (Sponsored by Population Specialty Group)**

Room: *Private Dining Room 8* (Paper Session)

ORGANIZER(S): Thomas J. Cooke, U. of Connecticut

CHAIR(S): Thomas J. Cooke, U. of Connecticut

**10:00** Shuo-Sheng Wu\*, Texas State U.-San Marcos, *Incorporating GIS and Remote Sensing for Census Population Disaggregation.*

**10:20** Erica Sieben, M.A.\*, U. of Washington, *Racial Partnering Patterns of Mixed-race Individuals.*

**10:40** Lisa Jordan\*, U. of Colorado, *Religion and Mortality in the United States: A Geographical Analysis.*

**11:00** Valerie Ledwith\*, U. of California, Los Angeles, *School Choice And Integration Among Students In Los Angeles County.*

**11:20** Geoffrey H. Smith, M.S.\*, U. of Iowa, *Projecting educational outcomes for small areas in a mid-sized U.S. city using individual data.*

**2220. Funding Geographic Alliances**

Room: *Private Dining Room 9* (Panel Session)

ORGANIZER(S): Sean P. Terry, Drury College

CHAIR(S): Sean P. Terry, Drury College

**2222. Geography & Drug Addiction Symposium Paper Session  
Geograhic Dimensions of Drug Treatment and Prevention**

Room: *Red Lacquer* (Paper Session)

ORGANIZER(S): AAG and NIDA

CHAIR(S): Andrew Curtis, Louisiana State U.

**10:00** David Cleveland, TELESIS Corporation, Ilya Zaslavsky, Analytical Intelligence, *Developing Community Quality-of-life Indicators for Alcohol and Drug Treatment and Prevention in San Diego County, CA: Conceptual and Methodological Issues.*

**10:15** Jeremy Mennis, Temple U., Silvana Mazzella, Temple U., Gerald Stahler, Temple U., Ralph Spiga, Temple U., *Community Effects on Treatment Continuity for Dually Diagnosed Patients.*

**10:30** Bridget Freisthler, U. of California at Los Angeles, *Understanding the Spatial Relationship of Supply and Demand Between Locations of Substance Abuse Treatment Services and Child Welfare Populations.*

**10:45** Daniel Kivlahan, Veteran Health Administration, Everett Jones, Veteran Health Administration, Jodie Trafton, Veteran Health Administration, Gerald Hawley, Veteran Health Administration, Frank Cutler, Veteran Health Administration, Bruce Ripley, Veteran Health Administration, Jim Schaefer, Veteran Health Administration, *Geographic Information Analyses to Guide Substance Use Disorder Treatment Planning in the Veterans Health Administration.*

**11:00** Jodie Trafton, Veteran Health Administration, Bruce Ripley, Veteran Health Administration, Dee Ramsel, Veteran Health Administration, Daniel Kivlahan, Veteran Health Administration, Jim Schaefer, Veteran Health Administration, *Geographic Information System Analyses: Determining How Travel-distance and Travel-time Impact Substance Use Disorder (SUD) Treatment.*

**11:15** Discussion

- 2223. Reform and Liberalization of Resource-Related Services and Infrastructure (Sponsored by Developing Areas Specialty Group, Energy and Environment Specialty Group)**  
*Room: Private Dining Room 16 (Paper Session)*  
ORGANIZER(S): Ms. Rebecca Ghanadan  
CHAIR(S): Ms. Rebecca Ghanadan  
**10:00** Michael K. Heiman\*, Dickinson College, *Green Power Marketing: Will Consumer Choice Make The Difference?*.  
**10:20** Michael Dwyer\*, U. of California, Berkeley, *Orienting the resource landscape: Mapping and upland development in Lao PDR*.  
**10:40** Rebecca Ghanadan\*, Energy and Resources Group, U. of California Berkeley, *Looking Beyond a Pro-Reform versus Anti-Privatization Impasse: Electricity Service Provision and Market Bureaucracy in Tanzania*.  
**11:00** Arne Jacobson, Ph.D.\*, Humboldt State U., *Middle Class Connections: Mobile Telephones and the Social Dynamics of Rural-Urban Connectivity in Kenya*.  
**11:20** Paul Domjan\*, U. of Oxford, *Supplier Development in the Oil and Gas Industry: Evidence from Kazakhstan*.
- 2224. Panel on Teaching Biogeography (Sponsored by Biogeography Specialty Group)**  
*Room: Private Dining Room 17 (Panel Session)*  
ORGANIZER(S): James H. Speer, Indiana State U.; Shelly A. Rayback, U. of Vermont  
CHAIR(S): Shelly A. Rayback, U. of Vermont  
Panelists: Shelly A. Rayback, U. of Vermont; James H. Speer, Indiana State U.; Sally P. Horn, U. of Tennessee; David R. Butler, Texas State U. - San Marcos; George Malanson, U. of Iowa
- 2226. Current Topics Roundtable- Democracy in the Middle East: Prospects Problems and Promises (Sponsored by Political Geography Specialty Group)**  
*Room: Monroe Ballroom (Panel Session)*  
ORGANIZER(S): Shannon O'Lear, U. of Kansas Geography Department  
CHAIR(S): Lee R. Schwartz, U.S. Dept of State
- 2227. Cultural**  
*Room: Adams Ballroom (Poster Session)*  
ORGANIZER(S): Program Committee  
Ary J. Lamme III\*, U. of Florida, *Spaces of Slavery*.  
Mariah Powers Dilworth\*, California State U. - Northridge, *Neither Man Nor Woman: A Cross-Cultural Exploration of Transsexuality*.  
Joby Bass, PhD\*, U. of Southern Mississippi, *Posted: reading the landscape of campaign yard signs*.  
Kathryn Kulbicki, MA\*, Johns Hopkins U., *Homicide Patterns And Associated Socioeconomic Characteristics: Philadelphia 1999*.  
Timothy Bawden\*, U. of Wisconsin Eau Claire; Bryan Frenz, U. of Wisconsin Eau Claire, *Hoop Dreams: The Geography of Fans of the NBA*.  
Ingolf Vogeler\*, U. of Wisconsin, *Topographic Map Exercise IV: Las Vegas - Geography of Sin and Sexism*.  
Larry Swickard, grad student\*, Central Missouri State U., *The Mosaic of Colombia's Indigenous Cultures*.

- Robert Bothmann, MLIS, MS\*, Minnesota State U., Mankato, *The Historical Geography of Good Thunder, Minnesota: 1870-2005*.
- Serena Davis\*, U. of Wisconsin Eau Claire; Timothy Bawden, Professor, U. of Wisconsin Eau Claire, *Latino Migration to St. Paul, Minnesota: 1980 - 2000*.
- Jon T. Kilpinen\*, Valparaiso U., *The Christian Church Tradition and the Upland Southern Culture Region*.
- Alyson L. Greiner, PhD\*, Oklahoma State U., *Depression-Era Murals: An Oklahoma Sampler*.
- Edward H. Davis, Ph.D.\*, Emory & Henry College; John T. Morgan, Ph.D., Emory & Henry College, *Cherokee gardens*.
- Kevin Romig\*, U. of North Dakota, *Geographies of Methamphetamine in North Dakota*.
- Jennifer Berdichevsky\*, U. of Nevada, Reno, *Re-creation of Place: Las Vegas Casinos as Urban Replicants*.
- Aaron Owen Morris\*, Union College Department of Anthropology, *Is sustainability incompatible with the cruise ship industry?*.
- Jenifer A. Bode\*, U. of Wisconsin - Eau Claire; Harry M. Jol, U. of Wisconsin - Eau Claire; Paul D. Bauman, Komex International; Christeen Nahas, Komex International; Moshe Fischer, Tel-Aviv U.; Phil Reeder, U. of Southern Florida; Richard A. Freund, U. of Hartford, *GPR and ERT Investigation of a Coastal Archeological Site: Yavne Yam, Israel*.
- Ann M. Legreid\*, Central Missouri State U., *The Geography of Women's Studies Programs in the U.S.*
- Marcie Kuehl\*, U. of Oklahoma, *Queer(y)ing the Digital Landscape: Creating Lesbian Space in Virtual and Physical Worlds*.
- Bradley T. Cullen, Professor\*, Univ of New Mexico, *Albuquerque's Queer Entrepreneurs*.
- Madhu N. Rao\*, Bridgewater State College, *Spatial Patterns of Asian Indians in the United States: A Socio-Economic Appraisal*.
- Ines M. Miyares, Professor\*, Hunter College, *Taking Students to the Field: Working With Campus-Based Education Abroad Offices*.
- George W. White\*, Frostburg State U., *Mapping Serbian National Identity*.
- F. L. (Rick) Bein\*, Indiana U. Purdue U. at Indianapolis, *Four Storey Agriculture in Inhambane Province of Moçambique*.
- Bernice N. Mutune\*, Miami U., *Gaining Women's Views On Household Food Security*.
- Eric Keys\*, Arizona State U.; Steven M. Manson\*, U. of Minnesota, *Beyond People and Pixels: Integrating Cultural-Political Ecology and Agent-Based Models*.
- Susan I. Stewart, PhD\*, USDA Forest Service Research; Roger B. Hammer, PhD, U. of Wisconsin-Madison, Rural Sociology, *Are Migration Patterns Different in U.S. National Forest Counties?*.
- John Clark Archer\*, U. of Nebraska; Stephen J Lavin, U. of Nebraska; Kenneth C Martis, West Virginia U.; Fred M Shelley, U. of Oklahoma, *Splinters and Revolts in American Presidential Elections: A Cartographic Sampling*.
- Jessa Loomis\*, Clark U.; Robert Keeley\*, Clark U., *College Students and the City: How First and Fourth Year College Students Perceive Place in Worcester, MA.*



**2228. GIS and Wildlife**

*Room:* Parlor A (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Ms. Emariana Taylor, Texas State U.-San Marcos

**10:00** James Kurt Lein\*, Ohio U., *Exploring Bird Strike Risk Mitigation: A Combined Remote Sensing/GIS Approach.*

**10:20** Shasta Ferranto\*, U. of Nevada, Reno, *Assessing Mule Deer Habitat in the Eastern Sierra Nevada.*

**10:40** Crema Stefano, Researcher\*, Clark Labs - Clark U.; Wei Wei Dai, Doctoral Student, Clark U.; Ronald Eastman, Phd, Clark Labs - Clark U.; Florencia Sangermano, Doctoral Student, Clark U., *A GIS-Based Multi-Criteria Biological Corridor Design Tool.*

**11:00** Madhura K. Niphadkar\*, San Diego State U.; Nathan Schumaker, Environmental Protection Agency, *Assessing functional habitat connectivity using simulation in complex real landscapes.*

**11:20** Emariana S. Taylor\*, Texas State U.-San Marcos, *Ecological Modeling of Potential Redistribution of Mexican Free-tailed Bats in Central Texas Built Environments.*

**2229. Imperialism and Environments of Modernity**

*Room:* Parlor B (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Sarah Harris

**10:00** Max Handler\*, U. of Minnesota - Minneapolis, *Building Fish, Building Fishermen: A History of Nature and State Power in North Norway.*

**10:20** Patrick C. Linder\*, U. of California, Riverside, *Internal Imperialism in the US Context: The "Spatial Fix" and "Illegal" Migration to Southern California's Coachella Valley.*

**10:40** Jason W. Moore\*, Department of Geography, U. of California, Berkeley, *Modernity and the Nature of Global Conquest: The Political Ecology of Sugar in the Rise of Capitalism, 1450-1750.*

**11:00** Sarah Harris\*, U. of Texas at Austin, *Cyprus: the juxtaposition of colonial and modern international forestry policies.*

**2230. Industrial Experience and its Repercussions in the American South**

*Room:* Parlor C (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Charles S. Aiken, U. of Tennessee

**10:00** Adam P. Lewis\*, Frostburg State U., *Coal and Culture, Iron, and Ethnicity, George's Creek.*

**10:20** Claire Jamieson\*, U. of Tennessee, *Textile Mill Closures and the Mill Village Housing Stock of Spartanburg County, South Carolina.*

**10:40** Jamie L. Strickland\*, U. of North Carolina - Charlotte, *Weaving Landscapes, Past and Present: The American Guide and the Place of Textiles in the Southern Piedmont.*

**11:00** Robert N. Brown\*, Appalachian State U., *A New Deal Reconstruction: Rural Resettlement Communities and Incompatible Landscapes in the Deep South.*

**11:20** Charles S. Aiken\*, U. of Tennessee, *One Area, Three Industries: Evolution of American Manufacturing 1800-2005.*

- 2231. Experiments with Territories: Post Cartographic Map Design II (Sponsored by Geographic Information Science and Systems Specialty Group, Cultural Geography Specialty Group, Cartography Specialty Group)**  
**Room:** *Parlor D* (Paper Session)  
**10:00** John Pickles\*, U. of North Carolina, *Delete the Border! Activist Art Movements, New Mapping Projects, and the Reworking of the Euro-Border.*  
**10:20** Nikolas R. Schiller\*, Association of American Geographers, *Geographic Tesselations: Maps, Methods, and Mandalas.*  
**10:40** Chris Perkins\*, U. of Manchester, *Playing with maps.*  
**11:00** kanarinka\*, The Institute for Infinitely Small Things, *Designing for the Totally Inconceivable: Mods, hacks and other unexpected uses of maps.*  
 Discussant(s): John Pickles, U. of North Carolina
- 2232. Frontiers in Human-Environment Geography 1. Theory, Concepts, and Methods in Human-Environment Studies (Sponsored by Human Dimensions of Global Change Specialty Group)**  
**Room:** *Parlor E* (Panel Session)  
 CHAIR(S): Thomas J. Wilbanks, Oak Ridge National Laboratory  
 Discussant(s): Billie L. Turner, II, Clark U.; Kirstin Dow, U. of South Carolina; Karl Zimmerer, U. of Wisconsin-Madison  
 Panelists: Paul Robbins, U. of Arizona; William E. Easterling, Pennsylvania State U.
- 2233. Comparative Geographies of Youth Insecurity II: The Political Spaces of Young People**  
**Room:** *Parlor F* (Paper Session)  
 ORGANIZER(S): Craig Jeffrey, U. of Washington  
 CHAIR(S): Craig Jeffrey, U. of Washington  
**10:00** Benjamin R. Gardner\*, U of California, Berkeley, *Maasai Youth: Identity, Authority and the Politics of Land in Post-Colonial Tanzania.*  
**10:15** Peter E Hopkins\*, Lancaster U., *The pre-flight experiences, migration stories, and current situations of unaccompanied asylum seeking children and young people in Scotland.*  
**10:30** Leo Zeilig, Dr\*, Brunel U.; Nicola Ansell\*, Brunel U., *Spatialities of student activism in African universities: cases from Senegal and Zimbabwe.*  
**10:45** Craig Jeffrey, Assistant Professor\*, U. of Washington, *Linkmen, brokers and thieves: charisma and student activism in modern north India.*  
 Discussant(s): Susan Ruddick, U. of Toronto
- 2234. Societal Impacts of Weather: Changing From What Was to What Is (Sponsored by Hazards Specialty Group)**  
**Room:** *Parlor G* (Paper Session)  
**10:00** Sheldon Drobot\*, U. of Colorado; Eve Gruntfest, NCAR; Julie Demuth, NCAR, *Driving under the influence of weather: Perceptions of flash floods and vehicle safety.*  
**10:15** Lindsey R. Barnes\*, U. of Colorado at Colorado Springs; Eve Gruntfest, U. of Colorado at Colorado Springs; Charles Benight, U. of Colorado at Colorado Springs; Mary Hayden, U. of Colorado at Colorado Springs; Elizabeth Williams, U. of Colorado at Colorado Springs; Maurice Q Thurman, U. of Colorado at

Colorado Springs; Cindy Jenkins, U. of Colorado at Colorado Springs, *Public perceptions of false alarm: is cry wolf real?*.

- 10:30** Mary H Hayden, PhD\*, U. of Colorado at Colorado Springs; Eve Grunfest, PhD, U. of Colorado at Colorado Springs; Charles Benight, PhD, U. of Colorado at Colorado Springs; Lindsey Barnes, U. of Colorado at Colorado Springs; Elizabeth Williams, MA, U. of Colorado at Colorado Springs; Cindy Jenkins, U. of Colorado at Colorado Springs; Maurice Thurman, U. of Colorado at Colorado Springs, *Beyond Technology: Findings from "The Warning Project"*.
- 10:45** Julie Demuth\*, National Center for Atmospheric Research; Eve Grunfest, National Center for Atmospheric Research; Jeff Lazo, National Center for Atmospheric Research, *Weather and Society \* Integrated Studies (WAS\*IS): Developing the Next Generation of Weather Researchers and Users*.
- 11:00** David A Call\*, Syracuse U., *The Decision-Making Process Behind Weather-Related School Closings*.

**2235. Historical Approaches to the American Political Economy: A Session in Memory of Carville Earle Session II (Sponsored by Political Geography Specialty Group, Historical Geography Specialty Group)**

*Room:* Parlor H (Paper Session)

ORGANIZER(S): John Heppen, U. of Wisconsin River Falls; Samuel M. Otterstrom, Brigham Young U.

CHAIR(S): Samuel M. Otterstrom, Brigham Young U.

- 10:00** Samuel M. Otterstrom\*, Brigham Young U., *Varying gender ratios by settlement intensity in the American frontier and beyond, 1790 - 1910*.
- 10:20** Emily Duda\*, U. of Oklahoma; Fred M Shelley, U. of Oklahoma, *Pre-Industrial, Industrial, and Post-Industrial Electoral Alignments in Ohio*.
- 10:40** Robert Watrel\*, South Dakota State U., *The Political Fault Line of South Dakota: Is There an East and West River in Presidential Politics?*.
- 11:00** Darrell P. Kruger, Dr.\*, Illinois State U., *Understanding European Expansion Overseas: A Conceptual Framework*.
- 11:20** Morgan Jane Morgan, Ph.D., U. of Cincinnati\*, Kansas State U., *The French Villages of the Illinois Country: Using Historical Geography to Understand European-Indian Relationships*.

**2237. Feminist political ecology II: Applying the F-Word (Sponsored by Cultural and Political Ecology Specialty Group)**

*Room:* Dearborn 1 (Paper Session)

ORGANIZER(S): Katharine Meehan, U. of Arizona; W. Scott Whitlock, U. of Arizona

CHAIR(S): W. Scott Whitlock, U. of Arizona

Introducer: W. Scott Whitlock

- 10:05** Laura J Shillington\*, York U., *Traversing Backyard Boundaries: Feminist Political Ecologies of Urban Patios in Managua, Nicaragua*.
- 10:25** Lucy Jarosz\*, U. of Washington, *Nourishing Women: Toward a Feminist Political Ecology of Alternative Food Networks*.
- 10:45** Kathleen O'Reilly\*, U. of Illinois, *On Unbecoming Development Categories: Women and Water in a Rajasthan (India) Drinking Water Supply Project*.
- 11:05** Yaffa E Truelove\*, U. of Colorado, *The Theoretical Contributions of a Feminist Political Ecology Framework*.
- Discussant(s): Katharine Meehan, U. of Arizona

- 2238. ACME Debate: Professional and Pedagogical Practice in Geography**  
**Room:** *Dearborn 2* (Panel Session)  
 ORGANIZER(S): Harald Bauder, U. of Guelph; Salvatore Engel-DiMauro, UW Stevens Point  
 CHAIR(S): Audrey L. Kobayashi, Queen's U.  
 Panelists: Rachel Pain, U. of Durham; Dr. Beverley Mullings, Queen's University; Harald Bauder, U. of Guelph
- 2239. Advances in Paleoclimatology II (Sponsored by Climate Specialty Group, Biogeography Specialty Group, Cryosphere Specialty Group)**  
**Room:** *Dearborn 3* (Paper Session)  
 ORGANIZER(S): Kevin John Anchukaitis, U. of Tennessee; Andrea Brunelle, U. of Utah  
 CHAIR(S): Prof. Bryan Shuman, U. of Minnesota  
**10:00** Samantha W. Kaplan\*, U. of Wisconsin; David A. Grimley, Illinois State Geological Survey, *A Multi-Proxy Reconstruction of Illinois Episode Glacial Maximum Environments in the Central U.S.*  
**10:20** Konrad Gajewski\*, U. of Ottawa; S Finkelstein, U. of Ottawa; B Podretske, U. of Ottawa; S Zabenskie, U. of Ottawa; M Peros, U. of Ottawa; J Bunbury, U. of Ottawa; M.-C. Fortin, U. of Ottawa, *Postglacial climates of the Canadian Arctic from lake sediment cores.*  
**10:40** Bryan G. Mark\*, The Ohio State U., *Tropical LGM equilibrium-line altitude reconstructions: climatic and topographic implications from the High Plain of Bogotá region, Colombia.*  
**11:00** Thomas Patrick Strange\*, U. of Southern Mississippi, *Inter-annual Variability and Seasonality of Modern Pollen Dispersal and Deposition on the Quelccaya Ice Cap, Peru.*  
**11:20** Kenneth R. Young\*, U. of Texas at Austin; Blanca León, U. of Texas at Austin; Lonnie G. Thompson, Ohio State U., *Successional Vegetation Processes at the Retreating Margins of Peru's Quelccaya Ice Cap.*
- 2241. Place and Space in Eastern Europe**  
**Room:** *Clark 1* (Paper Session)  
 ORGANIZER(S): Program Committee  
 CHAIR(S): Ms. Judith Otto, U. of Minnesota - Minneapolis  
**10:00** Peter Jordan\*, Austrian Institute of E/SE, *The role of politically well-organized minorities in the current decentralisation processes - Examples from Southeast Europe.*  
**10:20** Anton Gosar\*, Faculty of Humanities Koper, U. of Primorska, *Tourism In Postsocialist Countries of Southeastern Europe.*  
**10:40** Istvan Egresi\*, U. of Oklahoma, *The Geography of FDI in Romania: What Is so Special about Timisoara?.*  
**11:00** Sonia Hirt, Assistant Professor\*, Virginia Tech, *From the Socialist to the Post-socialist City: Built-Form Transformations in Sofia, Bulgaria.*  
**11:20** Judith E. Otto, Ph.D. Candidate\*, U. of Minnesota - Minneapolis, *Neoliberal knowledges in spatial planning: the case of Szczecin, Poland.*

**2243. Cryosphere II: Frozen Soils and Snow Chemistry (Sponsored by Cryosphere Specialty Group)**

*Room:* Clark 3 (Paper Session)

ORGANIZER(S): Hillary Hamann, U. of Colorado At Colorado Springs

CHAIR(S): Hillary Hamann, U. of Colorado At Colorado Springs

**10:00** Paul E. Todhunter, Dr.\*, U. of North Dakota, *Regional Patterns of the Thermal Offset of Soil and Air Temperatures in the Great Plains of the United States.*

**10:20** Nikolay Shiklomanov\*, U. of Delaware; Oleg A Anisimov, State Hydrological Institute, St. Petersburg, Russia; Tingjun Zhang, National Snow and Ice Data Center, Boulder, CO, USA; Frederick E Nelson, Department of Geography, U. of Delaware, Newark, DE, *Spatial Modeling of Permafrost Using a Multiscale, Hierarchical Approach to Validation: Results for North-Central Alaska.*

**10:40** Kenneth M. Hinkel\*, Department of Geography, U. of Cincinnati, Cincinnati, OH 45221; John K. Hurd, Jr., BA, U. of Cincinnati, *Spatiotemporal Patterns of Permafrost Destabilization Following Snow Fence Installation at Barrow, Alaska.*

**11:00** Delphis Levia\*, U. of Delaware, *Base cation solute enrichment of winter throughfall flux in a deciduous forest.*

**2245. Ethnic Geography of U.S. Cities**

*Room:* Clark 5 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): John Byron Strait, Louisiana Tech U.

**10:00** Stephen P Davis, MA\*, U. of Illinois-Chicago, *Honor and symbolic violence in Chicago's Pilsen: Negotiating spaces of youth, crime, and masculinity in a Mexican-American enclave.*

**10:20** Grace Emiko Guthe\*, Macalester College, *How Ethnic Entrepreneurs are Changing the Twin Cities: Mapping Asian Business Dispersion.*

**10:40** Siyoung Park\*, Western Illinois U.; Jongnam Choi, Western Illinois U.; Su-yeul Chung, Western Illinois U., *School Districts and Residential Choices: How educational opportunities determine residential patterns of Korean Americans in Chicago.*

**11:00** Hyunshin Yoon\*, Rutgers U., *Korean Communities in New York Metropolitan Area.*

**11:20** John Byron Strait, Assistant Professor of Geography\*, Louisiana Tech U.; Cherisha Nicole Williams, Louisiana Tech U., *Rubbing Elbows in the Big Easy: The Dynamics of Residential Segregation Among Racial and Ethnic Groups in New Orleans, Louisiana; 1990-2000.*

**2246. Political Ecologies of Knowledge, Science and technology II: Narratives, discourse, and practice in environmental science (Sponsored by Cultural and Political Ecology Specialty Group, Qualitative Research Specialty Group)**

*Room:* Clark 7 (Paper Session)

ORGANIZER(S): Mara Jill Goldman, U. of Wisconsin-Madison; Dianne E. Rocheleau, Clark U.

CHAIR(S): Mara Jill Goldman, U. of Wisconsin-Madison

**10:00** Peter Taylor\*, U. of Massachusetts, *Political ecological accounts of intersecting processes as a model for addressing the social situatedness of political ecological researchers.*

- 10:17** Tim Forsyth\*, London School of Economics, *Discursive governance and land-use-cover-change: moving beyond narrative analysis.*
- 10:34** Matthew Turner\*, U. of Wisconsin-Madison, *Toward more fruitful critical engagements with environmental scientific practices.*
- 10:51** Hong Jiang, Assistant Professor\*, U. of Wisconsin at Madison, *Linking Geographic Concepts with the State's Agricultural Planning in Socialist China.*  
Discussant(s): Joshua S.S. Muldavin, Sarah Lawrence College

**2248. Natural Area Investigations and Remote Sensing**

Room: Clark 9 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Nagendra Singh, ORNL, GIST

- 10:00** Eric Mattinen\*, *An Examination of Natural Areas of Moscow, Paris, and London..*
- 10:20** Joni Bugden-Storie, Ph.D.\*, Western Carolina U.; Elizabeth Pattey, Ph.D., Agriculture and Agri-Food Canada; Heather McNairn, Ph.D., Agriculture and Agri-Food Canada, *Crop and Soil Mapping using object-based classification of multi-polarization SAR.*
- 10:40** Christopher SR Neigh\*, U. of Maryland - College Park, SSAI/GSFC; Compton J Tucker, NASA Goddard, U. of Maryland - College Park; John RG Townshend, Department of Geography, U. of Maryland - College Park, *Investigation of enhanced NDVI sites across North America: The influence of land cover land use change from 1975-2005.*
- 11:00** Xin Miao, Ph.D.\*, Department of Biology and Geography, U. of Nevada, Reno; Rohit Patil, BRRC, U. of Nevada at Reno; Jill S. Heaton, Geography Department, U. of Nevada at Reno; Richard C. Tracy, BRRC, U. of Nevada at Reno, *Classification of Saltcedar and Honey mesquite through SpecTIR hyperspectral imagery in Clark County, Nevada.*
- 11:20** Nagendra Singh\*, ORNL, Geographic Information Science and Technology Group; Nancy F Glenn, Department of Geosciences, Idaho State U.-Boise, *A Comparison of Remote Sensing Techniques for Cheatgrass (Bromus tectorum) Detection.*

**2249. Re-Visioning Geographic Thought and History (Sponsored by History of Geography Specialty Group)**

Room: Clark 10 (Paper Session)

ORGANIZER(S): Jodi C. Vender, Pennsylvania State Univ

CHAIR(S): Donald C. Dahmann

Introducer: Donald C. Dahmann

- 10:05** Avril Maddrell\*, Oxford Brookes U., *The 'Map Girls'. British women geographers' war work 1914-18 and 1939-45..*
- 10:25** Jodi C. Vender\*, Pennsylvania State Univ, *Through the Eyes of Miss Mannhardt: The Geographic Society of Chicago's 1909 Yellowstone Excursion.*
- 10:45** Donald C. Dahmann, Geographer\*, *An Assessment of 1,000 Geography Books Published in America During the Nineteenth Century..*

**2250.      Geomorphology Specialty Group Graduate Student Paper Competition II  
(Sponsored by Geomorphology Specialty Group)**

Room: LaSalle 1 (Paper Session)

ORGANIZER(S): Susan W.S. Millar, Syracuse U.

CHAIR(S): Susan W.S. Millar, Syracuse U.

**10:00** Jennifer Horwath\*, U. of Washington; Ronald S Sletten, U. of Washington;  
Jeffrey M Welker, U. of Alaska Anchorage, *Associations of Soil Organic  
Carbon with Non-Sorted Striped Patterned Ground in Northwest Greenland.*

**10:15** Robert H Gorcik\*, U. of Wyoming, *Using Soil Stratigraphy to Reconstruct the  
Early Holocene Landscape at Barger Gulch, Colorado.*

**10:30** Linda L. Martin\*, U. of Kentucky, *Changes in Epikarst Vadose Properties  
Related to Fluviokarst Deforestation.*

**2251.      Issues in Ethnic Geography II (Sponsored by Population Specialty Group,  
Cultural Geography Specialty Group, Ethnic Geography Specialty Group)**

Room: LaSalle 2 (Paper Session)

ORGANIZER(S): Thomas D. Boswell, U. of Miami

CHAIR(S): Thomas D. Boswell, U. of Miami

**10:00** Michael J Rovito, MA\*, Temple University's Geography/Urban Studies Depart-  
ment, *Determining the role of English language proficiency in shaping the  
acculturation processes and spatial mobilities of the foreign-born ethnic  
Chinese residing in Philadelphia's Chinatown: An ethnographic and Geo-  
graphic Information Systems analysis.*

**10:20** Maria Elisa Christie, Ph.D.\*, U. of Indianapolis, *La Virgen de Guadalupe in  
Indianapolis: Mexican Spaces, Identity, and Religious Landscapes.*

**10:40** David Rands\*, U. of Southern California, *The Role of Urban Development on  
Migrants: The Case of Korean Immigrants to Japan.*

**2252.      Recent Innovations in Activity-Travel Behaviour Research: Behavioural  
Analysis, Modelling and Policy Linkages II (Sponsored by Transportation  
Geography Specialty Group)**

Room: LaSalle 3 (Paper Session)

ORGANIZER(S): Ron N Buliung, U. of Toronto At Mississauga

CHAIR(S): Ron N Buliung, U. of Toronto At Mississauga

**10:00** Marie-Helene Vandersmissen\*, Universite Laval; Anne-Marie Seguin, INRS  
Urbanisation Culture Societe; Marius Theriault, Universite Laval, *Change of  
Workplace and Moving House A Longitudinal Model based on Professionals  
Workers Living in Quebec Urban Area.*

**10:20** Ruben Mercado\*, McMaster U.; Antonio Paez, McMaster U.; Elenka Dugundji, U.  
of Amsterdam, *The Influence of Socio-demographic Characteristics and Urban  
Form on Travel Behaviour of Canadian Older Population in Hamilton,  
Ontario: Evidence from a Multilevel Model Analysis.*

**10:40** Paul M Hess, Ph.D.\*, U. of Toronto, *Changes in Employee Travel and Activity  
Associated with Office Relocations from Urban to Suburban Settings.*

**11:00** Matthew J Roorda, PhD, P. Eng. \*, U. of Toronto, *Microsimulating activity  
scheduling and mode choice in a household context.*

**11:20** Pavlos S. Kanaroglou\*, McMaster U.; Hanna F. Maoh, Dr., McMaster U.; Bruce  
Newbold, Dr., McMaster U.; Darren M. Scott, Dr., McMaster U.; Antonio Paez,  
Dr., McMaster U., *A Dynamic Framework for Small Population Projections  
with an Application to the Hamilton Census Metropolitan Area (CMA).*

**2253. The Geography of Food in Africa**

Room: LaSalle 4 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mr. John Onu Odihi

10:00 Mohamed Babiker Ibrahim\*, Department of Geography, Hunter College-CUNY, *The Rapidly Changing Political Economy of the Sudanese Pastoralists.*10:20 Sophia A. Harmes, PhD. Candidate\*, U. of Delaware, *Agricultural Production, Structural Adjustment Programs, and a Cross-border Ethnic Group: Case Study - The Chewa.*10:40 William Y. Osei\*, Algoma U. College; William Y. Osei, Algoma U. College, Saut Ste. Marie, Ontario, *Farming Vulnerability and Rural Sustainability: Issues and Options in Ghana.*11:00 Anna Carla Lopez, Doctoral Student\*, San Diego State U., *Food Security in West Africa: a Spatial Analysis of Sub-National Demographic and Nutritional Health Patterns.*11:20 John Onu Odihi, PhD\*, Universiti Brunei Darussalam, *Urban Hunger in Nigeria: Nature, Causes and Responses.***2254. Understanding networks at the science-policy interface 2: spaces of communication and participation**

Room: LaSalle 5 (Paper Session)

ORGANIZER(S): Dr. Jason Chilvers, U. of Birmingham; Dr. James Evans, U. of Birmingham

CHAIR(S): Dr. James Evans, U. of Birmingham

10:00 Sally Eden\*, U. of Hull, UK, *Making knowledge work: translating and circulating knowledge through NGO networks.*10:20 James Jonathan Porter\*, King's College London, *Communicating Uncertainty or Uncertainty in Communications?*10:40 Jason Chilvers\*, U. of Birmingham, *Risk, uncertainty and participation: mapping an emergent epistemic community.*11:00 Ryan Holifield\*, U. of Minnesota, *Uncertainty under negotiation: Transforming hazardous waste sites into epistemological spaces of risk.*11:20 Sarah-Louise Quinnell\*, King's College London, *Who creates / controls the space for participation? LDCs, the public and the Cartagena Protocol on Biosafety.***2256. Geography Education Specialty Group Student Paper Competition II (Sponsored by Geography Education Specialty Group)**

Room: Sandburg 2 (Paper Session)

ORGANIZER(S): Janet Smith, Shippensburg U.

CHAIR(S): Janet Smith, Shippensburg U.

Introducer: Janet Smith

10:05 Xiaomin Qiu\*, Texas State U.-San Marcos, *The Role of Geographic Information Technologies in Improving University Students' Spatial Ability.*10:25 Sandra K Metoyer\*, Texas A&M U., *Overcoming obstacles: Effective integration of GIS into secondary education.*10:45 Niem Tu Huynh, Ph.D candidate\*, Wilfrid Laurier U., *The Tortoise and Hare Race: The case of GIS Education in Ho Chi Minh City, Viet Nam.*

Discussant(s): Joseph P. Stoltman, Western Michigan U.



**2257. A Political Ecology of Healing? Racism and Environment in the U.S.**

Room: Sandburg 3 (Paper Session)

ORGANIZER(S): Ms. Beth Rose Middleton

CHAIR(S): Dianne E. Rocheleau, Clark U.

**10:00** Brinda Sarathy\*, UC Berkeley, *Racing the environmental debate: Immigrant forest workers in Southern Oregon.*

**10:15** Carolyn Finney\*, Clark U., *Blood on the Leaves, Blood on the Roots: African-Americans & the Environment.*

**10:30** Beth Rose Middleton\*, UC Berkeley, *"We Were Here, We Are Here, We Will Always Be Here:" A Political Ecology of Healing in Mountain Maidu Country.*

**10:45** Diana Pei Wu\*, U. of California, Berkeley, *From "Moving Feels Like Home" to "We Will Not Be Moved!" Young People's Organizing in Immigrant Communities as Acts of Healing.*

Discussant(s): Dianne E. Rocheleau, Clark U.

**2258. RSSG Student Honors Paper Competition 2 (Sponsored by Remote Sensing Specialty Group)**

Room: Sandburg 4 (Paper Session)

ORGANIZER(S): Jonathan Thayn

CHAIR(S): Jonathan Thayn

**10:00** Junmei Tang\*, Texas State U. - San Marcos; Le Wang, Texas State U. - San Marcos, *Improving urban landscape classification through fuzzy supervised classification and spectral mixture analysis.*

**10:20** Xianwei Wang\*; Hongjie Xie, *Validation of NEXRAD MPE Precipitation in Texas Hill Country Using Rain Gauge Data.*

**10:40** Guiyun Zhou\*, Louisiana State U., *Reducing the Edge Effects in the Classification of High-resolution Imagery.*

**2259. Student paper merit award competition (Sponsored by Coastal and Marine Specialty Group)**

Room: Sandburg 5 (Paper Session)

ORGANIZER(S): Diane P. Horn, Birkbeck College, U. of London

CHAIR(S): Diane P. Horn, Birkbeck College, U. of London

**10:00** Michael C A Bitton\*, Louisiana State U.; Steve Namikas, Louisiana State U.; Jennifer Booth, Louisiana State U.; Yuanda Zhu, Louisiana State U.; Brandon Edwards, Louisiana State U., *Interpolating surface moisture variations on a fine grained beach, Padre Island National Seashore, Texas.*

**10:20** Brandon L Edwards\*, Louisiana State U., *Wave patterns in the vicinity of a detached breakwater.*

**10:40** Michael Anthony Gregorio\*, Plymouth State U., *A Geographic Analysis of the Great Indian Ocean Tsunami.*

**11:00** Songgang Gu\*, Department of Geography, Texas A&M U., College Station, TX 77843; Hongxing Liu, Department of Geography, Texas A&M U., College Station, TX 77843; Douglas Sherman, Department of Geography, Texas A&M U., College Station, TX 77843, *Derivation of Beach Attributes by Integrating Remote Sensing and GIS Techniques.*

**11:20** Michele M. Dailey\*, Oregon State U.; Dawn Wright, PhD, Oregon State U.; Margo Edwards, PhD, Hawaii Mapping Research Group, U. of Hawaii; Paul Johnson, Hawaii Mapping Research Group, U. of Hawaii, *Arctic Archive for Geophysical Research - Implementing the Digital Archiving and Long-Term Preservation framework.*

- 2260. Computational Geometry for GIScience (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group)**  
**Room:** Sandburg 6 (Paper Session)  
 ORGANIZER(S): Lan Mu, U. of Illinois  
 CHAIR(S): Lan Mu, U. of Illinois  
 Introducer: Lan Mu
- 10:02** Toshiaki Satoh, Mr\*, Center for spatial information science at the university of Tokyo; Atsuyuki Okabe, PhD, Department of urban engineering, the university of Tokyo, *Development of a software package of tools for generating directed Voronoi diagram and constructing roundtrip shortest path region diagram.*
- 10:22** Hongbo Yu\*, Oklahoma State U., *Exploring Spatio-temporal Relationships of Space-time Paths at Various Scales: GIS Design and Implementation.*
- 10:42** John Radke, Prof\*, U. of California - Berkeley; Jianchun Xu , student, UC berkeley; patty Frontiera, Dr., UC Berkeley, *Establishing Concave Geometric Approximations to Better Define Neighborhoods, Home Range and Shape in Geographic Information.*
- 11:02** Lan Mu\*, U. of Illinois at Urbana-Champaign, *An Asymmetric Spatial Weights Matrix Based on TIN-Subgraphs of Voronoi Diagrams.*  
 Discussant(s): John Radke, U. of California - Berkeley
- 2261. Contested spaces, political spaces: scale, migration, and justice (Sponsored by Political Geography Specialty Group, Urban Geography Specialty Group, Social and Cultural Geography)**  
**Room:** Sandburg 7 (Paper Session)  
 ORGANIZER(S): Joaquin Villanueva; Ishan Ashutosh, Syracuse U.  
 CHAIR(S): Ishan Ashutosh, Syracuse U.
- 10:00** Ishan Ashutosh\*, Syracuse U., *(Re-) Creating the Community: Transnational Migrants, Business, and the State on Chicago's Devon Avenue.*
- 10:20** Joaquin Villanueva\*, Syracuse U., *Les Halles: vision of order or a geography of injustice?.*
- 10:40** Darlene Hilburn\*, Syracuse U., *Immigrants and their institutions: Co-assimilation and identity formation in the Korean-American church.*
- 11:00** Eunyong Christina Choi\*, Syracuse U., *Border, Marriage and Citizenship: The International Marriage of North Korean Women in China..*
- 11:20** Eli Moore\*, Syracuse U., *Becoming the State; Territorial Organizing in a Colombian "Red Zone".*
- 2262. Urban Change, Disparities and Planning: Regional Variations in India and US (Sponsored by Regional Development and Planning Specialty Group)**  
**Room:** Sandburg 8 (Paper Session)  
 ORGANIZER(S): Sudhir K. Thakur, California State U. Sacramento; George M. Pomeroy, Shippensburg U.  
 CHAIR(S): George M. Pomeroy, Shippensburg U.
- 10:00** Debnath Mookherjee\*, Western Washington U., *The National Capital Region of India: Variations in Population Concentration in the Regional Hierarchy, 1991-2001..*
- 10:20** Rajrani Kalra\*, Kent State U., *High technology and Intra urban disparities in Bangalore,India.*
- 10:40** Samuel Thompson\*, Western Illinois U., *Making Cities Vibrant and Energetic*

*Through Planning: Reflections from the Midwest..*

**11:00** Richard J. Hoch, Ph.D.\*, Canaan Valley Institute / West Virginia U., *An Analysis of Fragmented Land-use Policy and Land-use Change: The Case Study of Metropolitan Pittsburgh.*

**2263. Geography of Public and Assisted Housing: New Research and Resources**

*Room: Montrose 1 (Paper Session)*

ORGANIZER(S): Seth R. Marcus, HUD

CHAIR(S): Seth R. Marcus, HUD

**10:00** Seth R. Marcus\*, HUD, *A Picture of Subsidized Households: HUD's new web tool for querying tenant data.*

**10:20** Marta Strambi-Kramer\*, Shimer Center for Affordable Housing, U. of Florida, *The Use of Housing Choice Vouchers in Low Income Housing Tax Credits Developments.*

**10:40** Carissa G. Climaco\*, Abt Associates Inc., *An Analysis of the Overlap Between the Housing Choice Voucher (HCV) Program and the Low Income Housing Tax Credit (LIHTC) Program.*

**2264. Spatial Assimilation and Segregation**

*Room: Montrose 2 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Joe T. Darden, Michigan State U.

**10:00** Peter Hayward, BA, MA\*, U. of Connecticut, *The Influence of Linguistic Isolation on Immigrant Assimilation.*

**10:20** Erin M. DeMuynck\*, Northern Illinois U., *The Relationship between International Migration and Sprawl: The Case of Elgin, IL Latinos.*

**10:40** Madhuri Sharma\*, The Ohio State U., *Model Minorities vs Mexican Immigrants: A preliminary analysis of assimilation processes.*

**11:00** Su-Yeul Chung\*, Western Illinois U.; Lawrence A. Brown, Ohio State U., *Intra-urban Segregation Changes: An Evaluation of Three Segregation Frameworks with a Case Study of Columbus Ohio MSA, 1990 and 2000.*

**11:20** Kaisa Kepsu\*, U. of Helsinki, *An invisible minority? Residential concentration and neighborhood effects of the Finland-Swedish minority in the Helsinki metropolitan area..*

**2265. Social Movements and Change in Rural Landscapes (Sponsored by Geographic Perspectives on Women Specialty Group, Rural Geography Specialty Group)**

*Room: Montrose 3 (Paper Session)*

ORGANIZER(S): Amy Trauger, Penn State U.

CHAIR(S): Amy Trauger, Penn State U.

**10:00** Thomas A. Perreault\*, Syracuse U., *Rural water governance and the antinomies of liberalism in Bolivia.*

**10:20** Pratyusha Basu\*, U. of South Florida, Tampa, *The Difference between Farmers and Environmentalists: India's Narmada Dams and Transnational Activist Networks.*

**10:40** Anne Bonds\*, U. of Washington, *The politics of prisons and neoliberal restructuring in the rural American Northwest.*

**11:00** Ben Champion\*, U. of Oxford, *Emerging Markets for 'Local' Food in Eastern Kansas.*

Discussant(s): Amy Trauger, Penn State U.

**2269. Dynamics of Neoliberal Governance II (Sponsored by Socialist and Critical Geography Specialty Group, Urban Geography Specialty Group)***Room:* Montrose 7 (Paper Session)

ORGANIZER(S): David Wilson, U. of Illinois; Roger Keil, York U.

CHAIR(S): David Wilson, U. of Illinois

**10:00** Sarah Elwood\*, U. of Arizona, *"Local" Knowledge? GIS, neoliberal urban governance, and the shifting politics of expertise.***10:20** Scott Salmon\*, The New School U., *Global Johannesburg: Neoliberal Governance in the Post-Apartheid City.***10:40** Roger Keil\*, York U., *Governing the Sick City: Urban Governance in the Age of Emerging Infectious Disease.***11:00** Pablo S Bose\*, York U., *Towards the City of Joy: Neoliberal Urban Development in Kolkata, India and Diasporic Transnational Practices.*

Discussant(s): Noel Castree

**2270. Nationalism, Geography, and Performance (Sponsored by Political Geography Specialty Group, Historical Geography Specialty Group, Cultural Geography Specialty Group)***Room:* Burnham 1 (Paper Session)

ORGANIZER(S): Joshua Hagen, Marshall U.

CHAIR(S): Joshua Hagen, Marshall U.

**10:00** Joshua Hagen\*, Marshall U., *Performing National Identity in Munich, Nuremberg, and Weimar during the Nazi Period.***10:20** Kara E Dempsey\*, U. of Wisconsin-Madison, *Constructing contemporary European regional identities: Spanish-Galicia's "Cidade da Cultura".***10:40** Eliot Michael Tretter, Ph.D.\*, Texas A&M U., *Culture of Renewal: The Politics of Culture of Glasgow 1990.***11:00** Tamara Johnson\*, U. of North Carolina - Chapel Hill, *Quisqueya in Carolina: The Performance of Dominican Identity in Urban North Carolina.***11:20** Sarah Moser\*, National U. of Singapore, *Performing National Identity in Postcolonial Indonesia.***2271. Indigenous Geographic Information Science and Systems - II (Sponsored by Geographic Information Science and Systems Specialty Group)***Room:* Burnham 2 (Paper Session)

ORGANIZER(S): Timothy L. Nyerges, U. of Washington

CHAIR(S): Mark H. Palmer, U. of Oklahoma

**10:00** David M. Mark\*, U. at Buffalo; David Stea, Texas State U., San Marcos; Carmelita Topaha, San Juan College; Andrew G. Turk, Murdoch U., *How Traditional Knowledge Systems Refer to Places and Features in the Landscape: Foundations for Indigenous Mapping and Indigenous GIS.***10:20** David Stea\*, Texas State U. - San Marcos; David Mark, U. at Buffalo; Carmelita Topaha, San Juan College; Andrew Turk, Murdoch U., Perth, Australia, *Landscape, Language, and Traditional Tales: Further Foundations for Indigenous Mapping and GIS.*

Discussant(s): Renee Sieber, McGill U.

**2273.      Geographies of mental health, and mental health care**

*Room:*      *Burnham 4* (Paper Session)

ORGANIZER(S): Sarah Curtis, U. of London; Dr. Jones Julia, City U., London

CHAIR(S): Christopher J. Smith, U. at Albany

**10:00** Liz Bondi\*, The U. of Edinburgh, *Therapeutic spatialities.*

**10:20** Robert Penfold, PhD\*, Columbus Children's Research Institute, *Diffusion of Olanzapine To Children In Michigan.*

**10:40** Jones Julia\*, City U., London, *The relationship between distance, socio-economic status (SES) and the use of community-based mental health services: an Italian case study.*

**11:00** Chris Dibben\*, U. of St Andrews, *Ethnic minority populations and mental health prescribing in England.*

**11:20** Michael Almog, PhD, New York U.; Congdon Peter, Professor, Queen Mary, U. of London; Sarah Curtis, Professor\*, U. of London; Raymond Ellermann, Office of Mental Health, New York State, *County variation in use of inpatient and ambulatory psychiatric care in New York State.*

**2274.      Temporary Labor Migration 2**

*Room:*      *Burnham 5* (Paper Session)

ORGANIZER(S): Michael Collyer, U. of Sussex; Amy Freeman, Vassar College

CHAIR(S): Amy Freeman, Vassar College

**10:00** Nik Theodore\*, U. of Illinois at Chicago; Abel Valenzuela, UCLA, *Working the Streets: Day Labor in the Washington, DC Region.*

**10:20** Meera Warriar\*, U. of Sussex, *Servicing the US Industry: The Mechanics of Global Labour Subcontracting.*

**10:40** Terrie Walmsley, PhD\*, Purdue U.; Alan L Winters, World Bank; Amer Ahmed, Purdue U.; Christopher Parsons, Sussex U., *Measuring the Impact of the Movement of Labour Using a Model of Bilateral Migration Flows.*

**11:00** Michael Collyer\*, U. of Sussex, *New Temporary International Labour Migration: Contrasting Examples of Morocco and Egypt.*

Discussant(s): Monica Varsanyi, Center for Comparative Immigration Studies, UCSD

**WEDNESDAY, MARCH 8**

**12:15 PM - 1:00 PM**

**2300**

**1:00 PM - 2:40 PM**

**2400**

**12:15 p.m. – 1:00 p.m.**

**2322. Geography & Drug Addiction Symposium Keynote: Norah Volkow, NIDA  
(Sponsored by Association of American Geographers)**

*Room:* Red Lacquer (Keynote Address)

**12:15** Douglas Richardson, AAG, *Introduction.*

**12:20** Nora Volkow, NIDA, *Keynote Address.*

**1:00 p.m. – 2:40 p.m.**

**2401. Creating a school curriculum for the future: geography considers the challenge**

*Room:* Salon 1 (Paper Session)

ORGANIZER(S): Dr. Roger Firth

CHAIR(S): Dr. Roger Firth

**1:00** Mary Biddulph\*, *The highs and lows of learning geography: making school geography meaningful - perspectives from the UK.*

**1:20** David Balderstone\*, U. of London, *The role of Cultural Pedagogy in meeting the needs of a diverse student population.*

**1:40** Diane Swift\*, U. of Wolverhampton, *Geography, Why Argue?.*

**2:00** Eleanor M. Rawling\*, U. of Oxford, *Policy Processes and Curriculum Consequences; a case study of changing geography in English schools.*

**2:20** Roger Firth\*, *On the relation of knowledge to pedagogy: How do we position learners as both users and producers of knowledge?.*

**2402. Comparative Geographies of Youth Insecurity III: Gender, Power and Respect**

*Room:* Salon 2 (Paper Session)

ORGANIZER(S): Craig Jeffrey, U. of Washington

CHAIR(S): Prof. Gill Valentine

**1:00** Anoop Nayak\*, School of Geography, Politics & Sociology, U. of Newcastle upon Tyne, UK, *Displaced Masculinities: Youth, Culture and Class in the Post-industrial City.*

**1:15** Carolyn Gaskell\*, Queen Mary U. of London, *"I've Learnt to Respect Myself, and then to Respect Other People".*

**1:30** Jane Dyson\*, U. of Cambridge, *Girls, leaves and dignity: Children's forest use, cultures of friendship and the micro-geography of work.*

**1:45** Fernando J. Bosco\*, San Diego State U.; Stuart C. Aitken\*, San Diego State U.; Doreen Mattingly, San Diego State U.; Tom Herman, San Diego State U., *Young People Creating Pathways to Political Incorporation.*

**2403. Studies in the Cryosphere and the R.S. Tarr Student Illustrated Paper Competition (Sponsored by Cryosphere Specialty Group)***Room:* Salon 3 (Illustrated Paper Session)

ORGANIZER(S): Susan W.S. Millar, Syracuse U.; Andrew Klein, Texas A&amp;M U.

CHAIR(S): Susan W.S. Millar, Syracuse U.

Introducer: Susan W.S. Millar

- 1:05** Carol F. Sawyer\*, Texas State Department of Geography; David R. Butler, Texas State Department of Geography, *Observations of seasonal movement of surface clasts in turf-banked terraces, eastern Glacier National Park, Montana.*
- 1:10** Lora Koenig\*, U. of Washington; Eric Steig, U. of Washington; Dale Winebrenner, U. of Washington, *Estimate of Past Climate Information in Passive Microwave Emission.*
- 1:15** Jonathan George Fairman\*, The Ohio State U.; Bryan G Mark, The Ohio State U.; Mitchell A Plummer, Idaho National Environmental and Engineering Laboratory, *Inverse Climate Modeling of Tropical Highlands at the Last Glacial Maximum by Use of a 2D Numerical Model of Snow/ice Energy Balance and Glacier Flow.*
- 1:20** Kevin E Merritt\*, Texas A&M U.; Joni L Kincaid, Texas A&M U.; Andrew G Klein, Ph.D., Texas A&M U., *Utilizing Statistical Classification Algorithms to Map the Tropical Glaciers of Irian Jaya.*
- 1:25** Laurence C. Smith, Associate Professor\*, U. of California, Los Angeles; Yongwei Sheng, Assistant Professor, SUNY College of Forestry and Environmental Science; Glen MacDonald, Professor, UCLA Dept. Geography; Larry Hinzman, Research Professor, U. of Alaska, Fairbanks, *The changing spatial distribution of Siberian lakes.*
- 1:30** Tracy L. DeLiberty\*, U. of Delaware, *A Four Year Dataset of Sea-Ice Thickness and Mass Balance for the Southern.*

**2404. Comparative study of empires I (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group)***Room:* Salon 4 (Paper Session)

ORGANIZER(S): Gerry Kearns, U. of Cambridge

CHAIR(S): Gerry Kearns, U. of Cambridge

Introducer: Gerry Kearns

- 1:10** John Morrissey\*, National U. of Ireland, Galway, *Paranoid hegemony and the projection of power: The English in Ireland / The US in Iraq.*
- 1:25** Scott Kirsch\*, U. of North Carolina, *Insular Empire? American Exceptionalism, Anti-Imperialism, and the Philippines.*
- 1:40** Gerry Kearns\*, U. of Cambridge, *Formal and informal imperialism after the Great War: Mackinder in South Russia 1919-20.*
- 1:55** William Jenkins\*, York U., *Geographies of Christian fraternalism within Britain's empire in the early twentieth century.*
- 2:10** Mazen Labban\*, U. of Miami, *The contradictions of Cold War inter-imperialist rivalry.*
- 2:25** Christopher Harker\*, UBC, *Making Home Spaces in Birzeit, Palestine.*

**2405. Amenity Migration, Exurbia, and Emerging Rural Landscapes III: Rethinking Hegemonic/Dominant Responses (Sponsored by Recreation, Tourism, and Sport Specialty Group, Cultural and Political Ecology Specialty Group, Rural Geography Specialty Group)**

Room: Salon 5 (Paper Session)

ORGANIZER(S): Dr. Patrick T. Hurley, College of Charleston

CHAIR(S): Hannah Gosnell, Oregon State U.

**1:00** Patrick T. Hurley, Ph.D.\*, College of Charleston; Angela Halfacre-Hitchcock, Ph.D., Department of Political Science, College of Charleston, *Dodging alligators, rattlesnakes, and backyard barbeques: A political ecology of sweetgrass basket-making and conservation in the South Carolina Lowcountry, USA..*

**1:15** Thomas H.N. Young\*, U. of Toronto, *Distrust of Democracy: Backroom Land Planning in Vermont.*

**1:30** Hugh J. Gayler\*, Brock U., *Redirecting urban growth away from valuable agricultural land: issues and conflicts beyond the Greenbelt in Niagara, Canada.*

**1:45** Alister Scott, BA PhD MRTPI\*, Macaulay Land Use Research Institute, *Planning for Amenity and Conservation in the UK: Can Local Landscape Designations Deliver? .*

**2:00** L. Anders Sandberg, Professor\*, Faculty of Environmental Studies, York U., Toronto, Ontario, Canada; Gerda Wekerle, Professor, Faculty of Environmental Studies, York U., Toronto, Ontario, Canada; Liette Gilbert, Associate Professor, Faculty of Environmental Studies, York U., Toronto, Ontario, Canada, *Growing Nature, Naturalizing Growth: On Discourse, Environmental Justice, and Greenbelts in the Greater Toronto Area, Ontario, Canada.*

**2407. The young Americans: Children's and youth geographies in the USA (Sponsored by Socialist and Critical Geography Specialty Group, Qualitative Research Specialty Group, Urban Geography Specialty Group)**

Room: Salon 7 (Interactive Short Paper Session)

ORGANIZER(S): Cindi Katz, CUNY Graduate Center

**1:00** Pamela Wridt\*, U. of Colorado, *Children's Health Geographies in Denver.*

**1:05** Meghan Cope\*, SUNY-Buffalo, *Redundant Spaces or Lots of Opportunity? Children's views of neighborhood spaces and community needs in Buffalo, NY.*

**1:10** Rebecca Dolhinow, PhD\*, California State U. Fullerton, *"Arm Wrestle a Feminist:" and Other Stories of Young Women's Activism .*

**1:15** Jeremy Nemeth\*, Rutgers U., *Skateboarders, Deviance and Public Space.*

**1:20** Samuel F. Dennis, Jr, PhD\*, U. of Wisconsin-Madison, *The "Reckless" and the "Perfect": Some Notes on the Social Construction of Place Loathing among Teens in the Coral Street Neighborhood.*

**1:25** Ruth Laben\*, U. of Mary Washington, *Redefining "Home": Young Latino Immigrants' Perceptions of Place in the US.*

**1:30** Max J. Andrucki\*, U. of Leeds, *Napoleon Dynamite and the demise of young American whiteness.*

**1:35** David Driskell, Lecturer\*, Cornell U., Department of City and Regional Planning, *Glocal New York: uneven globalization in the lives of young New Yorkers.*

**1:40** Sarah J Halvorson, Ph.D.\*, Department of Geography, The U. of Montana, *"When the Fire Came to Visit Me": Children's Expressions of Wildfire Hazard in Western Montana.*



**1:45** Carly Fox\*, Cornell U., *Glocal New York: Grassroots Youth Organizing for Immigrant Rights and Youth Power.*

Discussant(s): Susan Ruddick, U. of Toronto; Robert M. Vanderbeck, U. of Leeds

**2408. Regional Innovation systems: theory, methods and practice 3 Regional innovation systems: human capital, enterprise and innovation (Sponsored by Economic Geography Specialty Group)**

*Room:* Salon 8 (Paper Session)

ORGANIZER(S): Dr. Helen Lawton Smith, Birkbeck U. of London; Bjorn T. Asheim, U. of Lund, Sweden

CHAIR(S): Bjorn T. Asheim, U. of Lund, Sweden

**1:00** Christine Oughton, Professor\*, Birkbeck, U. of London, *The Role of Human Capital and the Organization of Work in Regional Innovation Systems.*

**1:20** Rolf Sternberg\*, *Entrepreneurship, proximity and regional innovation systems.*

**1:40** Bjornar Sather\*, U. of Oslo, *Small-scale food production in Inner Scandinavia - weak networks and no RIS?.*

**2:00** Helen Lawton Smith\*, Birkbeck, U. of London; Rupert Waters, Deloitte, *Scientific Labour Markets, Networks and Regional Innovation Systems.*

Discussant(s): Bjorn T. Asheim, U. of Lund, Sweden

**2409. Economic Geography: China**

*Room:* Salon 9 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Kingsley E. Haynes, George Mason U.

**1:00** He Wang\*, *Clusters under Institutional and Cultural Influences: the Automotive Industry Cluster in Guangzhou, P.R.China.*

**1:20** Daniel Buck, Dr. \*, U. of Oxford, *The Subsumption of Space and the Spatiality of Subsumption: City, Country, and the Transition to Capitalism in Shanghai, China.*

**1:40** Fungshuen Victor Sit; Yanting Zheng\*, *China's Extended Metropolitan Regions: Issue of Concept and Delimitation.*

**2:00** Shih-Shen Chien\*, London School of Economics; Ian Gordon, London School of Economics, *Political Economies of Territorial Competition in China and in the West.*

**2:20** Kingsley E. Haynes\*, George Mason U.; Lei Ding, Ph.D., U. of North Carolina at Chapel Hill, *Innovation, Technology and Latecomer Strategies: Evidence from the Mobile Handset Manufacturing Sector in China.*

**2410. Offshore, Onshore, Nearshore and Blended-Shore I**

*Room:* Salon 10 (Paper Session)

ORGANIZER(S): John Bryson, U. of Birmingham

CHAIR(S): John Bryson, U. of Birmingham

**1:00** John Bryson, Professor\*, U. of Birmingham, *Offshore, Onshore, Nearshore and Blended-Shore: Understanding the evolving geographies of the "new international division of service labour" ..*

**1:20** Peter W. Daniels\*, U. of Birmingham, *On Services and Economic Geography.*

**1:40** William B. Beyers\*, U. of Washington, *Offshoring: Can Proprietors Do It? An Exploratory Investigation of Seattle Producer Services Establishments.*

2:00 Grete Rusten\*, *Offshoring and global sourcing by Norwegian organisations.*

2:20 Chris Benner, Ph.D.\*, Pennsylvania State U., *Organizations, Institutions, and Outcomes in Off-shored Call Centers: The Case of South Africa.*

**2411. Where Are We? Recent Approaches to Population Distribution Estimation II (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group, Remote Sensing Specialty Group)**

Room: Salon 11 (Paper Session)

ORGANIZER(S): David Rickter Rain, The George Washington U.; Budhendra Bhaduri, Oak Ridge National Laboratory

CHAIR(S): Edward Bright

1:00 Tilottama Ghosh, PhD Student\*, U. of Denver; Paul C. Sutton, Assistant Professor, U. of Denver; Christopher D. Elvidge, NOAA National Geophysical Data Center, *An Overview of the Use and the Potential of Nighttime Imagery for Estimation of Socio-economic Variables.*

1:20 John R. Weeks, Ph.D.\*, San Diego State U.; Douglas A Stow, San Diego State U.; Arthur Getis, San Diego State U.; Allan G Hill, Harvard U., *Can We Spot a Neighborhood From the Air? .*

1:40 Edward Bright\*, Oak Ridge National Laboratory; Anil Cheriyyadat, Oak Ridge National Laboratory; Budhendra Bhaduri, Oak Ridge National Laboratory; David Potere, Princeton U., *Mapping of Settlements in High Resolution Satellite Imagery using High Performance Computing.*

2:00 David Thomas Potere\*, Princeton U.; Karen McNeany, U. of California, Santa Barbara; Annemarie Schneider, PhD., U. of California, Santa Barbara, *Global Urban Estimates: A Comparison.*

2:20 Benjamin T Tuttle\*, Cooperative Institute for Research in Environmental Sciences, U. of Colorado at Boulder; Christopher Elvidge, PhD, NOAA-National Geophysical Data Center; Jeff Safran, Cooperative Institute for Research in Environmental Sciences, U. of Colorado at Boulder; Kim Baugh, Cooperative Institute for Research in Environmental Sciences, U. of Colorado at Boulder; Ramakrishna Nemani, PhD, NASA Ames Research Center, Moffett Field, California, USA; Cristina Milesi, PhD, Division of Science and Environmental Policy, California State U., Monterey Bay, California USA; Paul Sutton, PhD, U. of Denver, *Spatial Mapping of Impervious Surfaces Associated with Urban Development.*

**2412. The "Gender, Place and Culture" Jan Monk Distinguished Lecture**

Room: Salon 12 (Panel Session)

ORGANIZER(S): Sallie A. Marston, U. of Arizona; John Paul Jones, III, U. of Arizona

CHAIR(S): Deborah Dixon

1:00 Ruth Fincher, Univ of Melbourne

**2413. Urban Geography In Mexico**

Room: Cresthill Room 11 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Ms. Julia Gamas

1:00 Robert B. South\*, U. of Cincinnati, U.S. *"Manufactures for Export" Plant Closure in Mexico.*

**1:20** Claudia R. Sawyer\*, Syracuse U., *The past as present and future: The historic center of Morelia, Mexico.*

**1:40** Alejandro Rodriguez\*, U. of California - Los Angeles, *Informal Housing Markets In Tijuana.*

**2:00** Julia Gamas, Post-Doctoral Researcher\*, Mario Molina Center for Strategic Energy and Environmental Studies; William Anderson, Professor, Boston U.; Raymond Dezzani, Assistant Professor, U. of Idaho, *Estimation of Trip Generation in Mexico City Using Spatial Effects and Urban Densities.*

**2414. Geography & Drug Addiction Symposium Paper Session  
Prescription Drug, Opioid, and Methamphetamine Abuse**

*Room:* Crystal (Paper Session)

ORGANIZER(S): AAG and NIDA

CHAIR(S): Wilson Compton, NIDA

**1:00** Nabarun Dasgupta, U. of North Carolina at Chapel Hill, John S. Brownstein, Harvard U., Michele Jonsson-Funk, U. of North Carolina at Chapel Hill, *Spatial Patterns in Opioid-related Mortality in the United States, 2002.*

**1:15** Marcella H. Sorg, U. of Maine, William D. Parker, U. of Maine, Ann Acheson, U. of Maine, *Analysis of Drug Abuse/Misuse Patterns in Rural Areas Using a Geographic Information Systems Approach.*

**1:30** Robert Penfold, Columbus Children's Research Institute, Kathleen Pajer, Columbus Children's Research Institute, William Gardner, Columbus Children's Research Institute, Kelly J. Kelleher, Columbus Children's Research Institute, *Identifying Potential Stimulant Diversion via State Medicaid Claims Data.*

**1:45** Kevin Romig, U. of North Dakota, *Geographies of Methamphetamine Abuse in North Dakota.*

**2:00** Max Lu, Kansas State U., Jessica Burnum, Kansas State U. *Spatial analysis of Clandestine Methamphetamine Labs.*

**2:15** Discussion

**2415. Vulnerability to Hazards at All Scales (Sponsored by Hazards Specialty Group)**

*Room:* Private Dining Room 4 (Paper Session)

**1:00** Kumari Gurusamy\*, SUNY - Albany; Roberto Quiroz, CIP-CGIAR, *Deriving Drought Prone Area Maps for Developing Countries.*

**1:20** Lynn A. Seirup\*, CIESIN, Columbia U.; Gregory Yetman, CIESIN, Columbia U.; Randolph Pullen, Center for Hazards and Risk Research, Columbia U.; Robert S. Chen, Ph.D., CIESIN, Columbia U.; Deborah Balk, Ph.D., CIESIN, Columbia U., *In Harm's Way: Better Demographic Information for Emergency Management.*

**1:40** Oyuntsetseg Chuluundorj, M.A.\*., U. of Colorado at Denver and Health Sciences Center; Deborah Thomas, PhD, U. of Colorado at Denver and Health Sciences Center; Craig Janes, PhD, Simon Fraser U., *Vulnerability to natural disasters in rural Mongolia: adaptation, consequences and implications.*

**2:00** Melanie Gall\*, U. of South Carolina, *The United Nation's Disaster Risk Index: A theoretical exercise or an invaluable vulnerability assessment tool?.*

**2:20** Bimal Kanti Paul\*, Kansas State U., *The 2004 Indian Ocean Tsunami Emergency Relief Relief: A Review.*

**2416. The Changing Economic Geography of Africa (Sponsored by Economic Geography Specialty Group, Africa Specialty Group)***Room: Private Dining Room 5 (Paper Session)*

ORGANIZER(S): Benjamin Ofori-Amoah, U. of Wisconsin, Stevens Point

CHAIR(S): Benjamin Ofori-Amoah, U. of Wisconsin, Stevens Point

**1:00** Kwadwo Konadu-Agyemang\*, U. of Akron; Richard Kerr, U. of Akron, *Attaining The Millennium Development Goals In Africa By 2015: A Mirage Or Distant Reality?*.**1:20** Fred W. Krueger, Prof Dr\*, Institute of Geography, U. of Erlangen, Germany, *The African Welfare State and the HIV/AIDS Crisis - Transforming Livelihoods and Economy in Botswana*.**1:40** Cyrus Samimi\*, U. of Erlangen-Nuremberg; Marcus Nuesser\*, U. of Bonn, *Political Ecology in Southern Africa - Consequences for Land use and Economic Development*.**2:00** Johnathan B. Bascom\*, Calvin College, *The Subversion of Economic Geography: The Case of Eritrea*.**2:20** Benjamin Ofori-Amoah\*, U. of Wisconsin, Stevens Point, *Public Policy and Industrialization in Africa: Case Studies from Ghana and Uganda*.**2417. African Climatology***Room: Private Dining Room 6 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Prof. Marc Linderman, U. of Iowa

**1:00** Sarah E McLane\*, U. of South Carolina, *The Effects of Regional Rainfall and Land Cover Change in the Sahel on Hurricane Development in the Eastern Atlantic*.**1:20** Nathan Moore\*, Michigan State U.; Brent Lofgren, Great Lakes Environmental Research Laboratory; Nathan Torbick, Michigan State U.; Amelie Davis, Purdue U.; Bryan Pijanowski, Purdue U., *Simulations of Climate Variability Resulting from Projected Land Cover Change in East Africa*.**1:40** Michael Harrison, Ph.D.\*, U. of Richmond, *The regionalization of West African precipitation using cluster analysis and L-moments*.**2:00** Marc Linderman\*, U. of Iowa; Pedram Rowhani, U. of Louvain; David Benz, U. of Louvain; Suzanne Serneels, U. of Louvain; Eric Lambin, U. of Louvain, *Interannual variability of vegetation at continental and global scales from MODIS data*.**2418. Coastal photographs - developing a new coastal photo CD (Sponsored by Coastal and Marine Specialty Group)***Room: Private Dining Room 7 (Panel Session)*

ORGANIZER(S): Diane P. Horn, Birkbeck College, U. of London

CHAIR(S): Diane P. Horn, Birkbeck College, U. of London

Panelists: Mr. Richard C. Daniels, Washington State Department of Transportation; Dawn J. Wright, Oregon State U.; Harry M. Jol, U. of Wisconsin, Eau Claire; Diane P. Horn, Birkbeck College, U. of London

**2419. Sediment Transport in Fluvial Systems I (Sponsored by Geomorphology Specialty Group)***Room: Private Dining Room 8 (Paper Session)*

ORGANIZER(S): Michael Slattery, Texas Christian U.

CHAIR(S): Michael Slattery, Texas Christian U.

**1:00** Peng Gao\*, Syracuse U.; Gregory B. Pasternack, U. of California, , Davis, CA; Bali M Khaled, U. of California Desert Research & Extension Center, Holtville, CA; Wesley W Wallender, U. of California, , Davis, CA, *Suspended sediment transport in an intensively cultivated watershed in southeastern California.*

**1:20** David W. May\*, U. of Northern Iowa; Matthew G. Hill, Iowa State U.; David J. Rapson, Iowa State U., *Early Holocene Alluvial Sedimentation in an Ephemeral Stream Channel in Western Nebraska.*

**1:40** Robert T. Pavlowsky\*, Missouri State U., *Geomorphic Assessment and Restoration Plans for the Ward Branch Restoration Project, Springfield, Missouri.*

**2:00** Jordan A. Clayton, Ph.D.\*, U. of Colorado, *Spatial and temporal variability in bed load transport in a gravel-bed river bend.*

**2:20** Frank J. Magilligan\*, Dartmouth College; Nira L. Salant, UBC - Department of Geography; Carl E. Renshaw, Dartmouth College: Department of Earth Sciences; Keith H. Nislow, USDA Forest Service; Arjun Heimsath, Dartmouth College: Department of Earth Sciences, *The use of short-lived fallout radionuclides to quantify transitional bed load transport in a regulated river.*

**2420. Author Meets Critics: Steve Herbert's "Citizens, Cops and Power: Recognizing the Limits of Community" (Sponsored by Political Geography Specialty Group, Urban Geography Specialty Group)***Room: Private Dining Room 9 (Panel Session)*

Panelists: Dr. Ralph H. Saunders, California State U., Dominguez Hills; Audrey L. Kobayashi, Queen's U.; Joe Painter, U. of Durham; Steve Herbert, U. of Washington

**2422. Geography & Drug Addiction Symposium Paper Session  
Social Epidemiology of Drug Addiction***Room: Red Lacquer (Paper Session)*

ORGANIZER(S): AAG and NIDA

CHAIR(S): Yonette Thomas, NIDA

**1:00** Hannah L.F. Cooper, National Development and Research Institutes, Samuel R. Friedman, National Development and Research Institutes, Barbara Tempalski, National Development and Research Institutes, Risa Friedman, National Development and Research Institutes, *Residential Segregation and the Prevalence of Injection Drug Use Among Black Adult Residents of U.S. Metropolitan Areas.*

**1:15** C. Debra Furr-Holden, Pacific Institute for Research and Evaluation, *Developing Environmental Strategies for Violence AOD Prevention.*

**1:30** Paul Gruenewald, Pacific Institute for Research and Evaluation, *The Structure of the Built Environment and Space-time Models of Drugs and Violence.*

**1:45** Susan Boyd, U. of Maryland School of Medicine, Kevin Armstrong, U. of Maryland Baltimore County, LiJuan Fang, U. of Maryland School of Medicine, Lisa Dixon, U. of Maryland School of Medicine, *Using Computerized Mapping to Study the Geographic Relationship Between Substance Abuse Treatment Centers and Crime: Preliminary Results.*

2:00 Karen Snedker, U. of Washington, Jerald R. Herting, U. of Washington, *Neighborhood Conditions and Adolescent Substance Use.*

2:15 William Wieczorek, Buffalo State U., Alan Delmerico, Buffalo State U., *Neighborhood Risk Factors and Spatial Clusters of Drug Use.*

2:30 Discussion

**2424. Getting a Job (Sponsored by Graduate Student Affinity Group)**

Room: *Private Dining Room 17* (Panel Session)

ORGANIZER(S): Susan J. Bergeron, West Virginia U.; L Jesse Rouse, West Virginia U.

CHAIR(S): Susan J. Bergeron, West Virginia U.

Panelists: Dr. Timothy Warner, West Virginia U.; Francis Koti, U. of North Alabama

**2426. Population Specialty Group Plenary Session (Sponsored by Population Specialty Group)**

Room: *Monroe Ballroom* (Paper Session)

ORGANIZER(S): David L. Carr, UC Santa Barbara

CHAIR(S): David L. Carr, UC Santa Barbara

**2427. Economic and Applied Geography**

Room: *Adams Ballroom* (Poster Session)

ORGANIZER(S): Program Committee

Ian Giddings, Students\*, Clark U., *A Misplaced Hope: The Burden on Education for Alleviating Poverty in Kenya.*

Shauna M Bloom, PhD Student\*, U. of Guelph, Department of Geography; Leslie A Duram, Associate Professor, Department of Geography and Environmental Resources, Southern Illinois U. -Carbondale, *Variation in State Support of Organic Agriculture: A Framework for Assessment.*

Dumoulin-Smith Julien, Applied Math\*, Columbia U., *Quantifying the patterns of poverty using Evenness and Hotspot Indices.*

Cory Lucas Sapp\*, U. of North Alabama; Lisa Keys-Mathews, U. of North Alabama, *The Economic Development Continuum: An Exercise in Applied Economic Geography.*

Robert L. Whiting\*, U. of Illinois; Sara Metcalf, U. of Illinois; Elizabeth A. Lyon, U. of Illinois, *The Grain Game: Learning by Doing.*

James F. Fryman, Dr. \*, U. of Northern Iowa; Bonnie H. Sines, U. of Northern Iowa, *Geographic Examination of Tuition Levels for Four-Year Public Institutions of Higher Education, 1993-2003.*

Jonathan C. Comer\*, Oklahoma State U., *W(h)ither the Suburbs? Downtown versus Periphery for Professional Sports Facilities.*

John E. Bodenman\*, Bloomsburg U.; Georg Grassmueck, Penn State U.; Stephen M. Smith, Penn State U., *Market and Labor Force Factors in the Growth of the Wood Products Industry in Rural Pennsylvania.*

Luisette Candelario-Quintana, U. of Puerto Rico- Mayaguez Campus; Michael Eros, Environmental Careers Organization; Yolanda Fong-Sam\*, United States Geological Survey, *Application of GIS to Mapping and Analysis of Mineral Facility Data.*

- Samir Dhar, Graduate Student\*, U. of Toledo; Guy Schafer, Graduate Student, U. of Toledo; Peter S. Lindquist\*, U. of Toledo, *AirView: An International Air Freight Resource for Economic Development*.
- Lisa Keys-Mathews\*, U. of North Alabama; William (Bill) R. Strong\*, U. of North Alabama, *Location, Location, Location: Geography, Business and the Undergraduate Geography Curriculum*.
- Jay D. Gatrell\*, Indiana State U.; Eric LaFary, Indiana State U.; Thomas Steiger, Indiana State U., *Charting the geography of the Ohio Greenhouse Industry: A multi-year cluster project*.
- White Mallory\*, Eastern Illinois U., *The Impact of Amish Tourism in East-Central Illinois*.
- John C. Everitt\*, Brandon U.; John C. Everitt, Dr., Brandon U., Brandon, MB, R7A 6A9, Canada; Bryan Massam, Dr., York U.; Edmundo Andrade Romo, CUCPV; Rosa Chavez Dagostino, CUCPV; Maria del Carmen Cortes Lara, CUCPV; Amilcar Cupul Magana, CUCPV; Rodrigo Espinoza Sanchez, CUCPV; Luis Gonzalez Guevara, CUCPV; Rafael Quevado Machain, CUCPV; Laura Hernandez Cachou, PV; Maria Navarro Rodriguez, CUCPV; Alma Raymundo Huizar, CUCPV, *Footprints on Puerto Vallarta. Environmental Impacts and Social Spaces*.
- Ryan Nohert\*, U. of Oklahoma, *Scenic Sedona: Selling the Image of Natural Landscape to Market Urban Tourism*.
- John R. Winston\*, Virginia Tech; Lynn M. Resler, Ph.D, Virginia Tech, *Land Use History of Surface Mine Sites in Monongalia County, West Virginia*.
- Jong-Geun Kim\*, Department of Geography, Arizona State U.; Michael Kuby, Department of Geography, Arizona State U., *Locating refueling facilities for alternative-fuel vehicles on detouring paths*.
- Samanta Lax\*, Illinois State U.; Dagmar Budikova, Illinois State U., *Aging In Place: Demography of Aging across McLean County, Illinois*.
- Christina Irons\*, U. of North Alabama; Lisa Keys-Mathews, U. of North Alabama; Dr. Greg Gaston, U. of North Alabama, *Hurricane Ivan: Path and Impact of Destruction*.
- Anelia Milbrandt\*, National Renewable Energy Laboratory, U.S. Department of Energy; Margo Melendez, National Renewable Energy Laboratory, U.S. Department of Energy, *Hydrogen Infrastructure Development*.
- Thomas A. Rumney, Ph.D., Geography\*, Plattsburgh State U.; Thomas A. Rumney, Ph.D., Geography, U. of Maryland, 1980, Plattsburgh State U., Plattsburgh, New York 12901, *Northern New York Dairying: Since Durand*.
- Mark Carper\*, U. of Alaska Anchorage, *An Unpleasant Niche: Indigent Scrap Collection and Municipal Recycling in Bulgaria's Capital*.
- Imam Xierali\*, U. of Cincinnati, *Who's Thy Neighbor? The Effect of "Neighborhood Rule" on Spatial Dependence Analysis*.
- Frederick P. Stutz\*, San Diego State, *title: How Do Urban Travelers Estimate Trip Utility?*.

**2428. GIS Applications and Analysis**Room: *Parlor A* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Sula Sarkar, U. of Minnesota

**1:00** Dale R. Lightfoot\*, Oklahoma State U., *Outreach in a war zone: The enabling of GIScience in Iraq*.**1:20** Jie L Wu\*, U. of Washington, Seattle; Timothy L Nyerges, U. of Washington, Seattle, *Managing Artifacts for the PGIST Project*.

- 1:40 Angela McIntee, Ph.D.\*, Booz Allen Hamilton, *Spatial patterns of telecommunication infrastructure in Europe.*
- 2:00 Cheng Liu\*, Oak Ridge National Laboratory; Oscar Franzese, Oak Ridge National Laboratory; Bhaduri Budhendra, Oak Ridge National Laboratory, *A Front-end Geographic Information System for an Emergency Evacuation Model.*
- 2:20 Sula Sarkar\*, U. of Minnesota, *Estimation of Vehicular Pollution in the Kolkata Metropolitan Area.*

**2429. Justice, Power, and the Political Landscape**

Room: *Parlor B* (Paper Session)

- ORGANIZER(S): Don Mitchell, Syracuse U.; Kenneth R. Olwig, Swedish U. of Agricultural Sciences, Alnarp
- CHAIR(S): Kenneth R. Olwig, Swedish U. of Agricultural Sciences, Alnarp
- 1:00 Kenneth R. Olwig, Prof.\*, Swedish U. of Agricultural Sciences, Alnarp, *The Nature of One Eyed Power in Geography's Political Landscape.*
- 1:20 Don Mitchell\*, Syracuse U., *Dead Labor and the US Border: Landscape of Injustice or Landscape of Value?.*
- 1:40 William J.T. Mitchell, Prof\*, U. of Chicago, English Language and Literature, *Space and Place in the Landscape of Power.*
- 2:00 Neil Smith\*, City U. of New York, *The Assassination of Landscape.*
- Discussant(s): Denis E. Cosgrove, U. of California

**2430. Statistical Methods and Manipulations**

Room: *Parlor C* (Paper Session)

- ORGANIZER(S): Program Committee
- CHAIR(S): Ronald E. Wilson, National Institute of Justice
- 1:00 Jeff Dickey\*, Florida State U., *A spatial model of basin runoff accumulation rate.*
- 1:20 Nicholas Nagle\*, U. of Colorado; Stuart Sweeney, U. of California, Santa Barbara; Phaedon Kyriakidis, U. of California, Santa Barbara, *Change of Support and the Regression Analysis of Areal Aggregated Data.*
- 1:40 Marcia Castro\*, U. of South Carolina; Burt Singer, Princeton U., *Controlling The False Discovery Rate: A New Application To Account For Multiple And Dependent Tests In Local Statistics.*
- 2:00 David A. Merwin\*, Framingham State College; Robert G. Cromley, U. of Connecticut, *A Comparative Analysis of Areal Interpolation Procedures for Solving the "Missing Data" Problem.*
- 2:20 Ronald E. Wilson\*, National Institute of Justice, *Using Local Indicators of Spatial Autocorrelation (LISA) Categories for in Multinomial Regression Models for Exploring Spatial Interactions.*

**2431. Experiments with Territories: Ideas, Projects, Collaborations (Sponsored by Geographic Information Science and Systems Specialty Group, Cultural Geography Specialty Group, Cartography Specialty Group)**

Room: *Parlor D* (Panel Session)

- Panelists: John Pickles, U. of North Carolina; Kanarinka D'Ignazio; Marie Cieri, Ohio State U.; Margaret Pearce; Renee Pualani Louis, U. of Hawaii; Chris Perkins; Nikolas R. Schiller; Mr. Nathaniel Case, Hedberg Maps, Inc



**2432. Frontiers in Human-Environment Geography 2: Knowledge Management and Cyberinfrastructure for Human-Environment Collaboration (Sponsored by Human Dimensions of Global Change Specialty Group)**

*Room:* Parlor E (Panel Session)

Discussant(s): Alan M. MacEachren, Pennsylvania State U.; Helen Couclelis, U. of California; M. Duane Nellis, Kansas State U.

Panelists: Francis Harvey, U. of Minnesota - Minneapolis; Ola Ahlqvist, The Ohio State U.; William Pike, Pacific Northwest National Laboratory

**2434. Peruvian Landscapes I: land use, livelihoods and conflict (Sponsored by Developing Areas Specialty Group, Cultural and Political Ecology Specialty Group, Latin America Specialty Group)**

*Room:* Parlor G (Paper Session)

ORGANIZER(S): Elizabeth A. Olson, Lancaster U., UK; Jeffrey Bury, San Francisco State U.

CHAIR(S): Elizabeth A. Olson, Lancaster U., UK

**1:00** Jeffrey Parsons\*, U. of Michigan, *Prehistoric Herders and Cultivators in the Sierra Central, Peru, A.D. 500-1500: Different Lifeways, Different Landscapes, Integrated Economies.*

**1:20** Julio Postigo\*, U. of Texas at Austin, *Constraints on Land Use in a Peasant Community of the Peruvian Highlands: A Case Study of the Shepherds of Pilpichaca.*

**1:40** Jeffrey Bury, Assistant Professor\*, San Francisco State U., *Conservation, Livelihoods and Landscape Change in the Cordillera Huayhuash, Peru.*

**2:00** Jess Bier, PhD Student\*, CUNY - Graduate Center, *Conflicts at Machu Picchu: Global Capital and Indigenous Resistance.*

**2:20** Jennifer K Lipton\*, U. of Texas at Austin, *Resilient governance in an Andean Protected Area: Huascaran National Park, Peru.*

**2435. Diverse economies: Collaboration and community in economic geography**

*Room:* Parlor H (Paper Session)

ORGANIZER(S): Roger Lee, Queen Mary, U. of London

CHAIR(S): Roger Lee, Queen Mary, U. of London

**1:00** Julie Graham\*, U. of Massachusetts; Katherine D. Gibson\*, Australian National U., *Diverse Economies: Collaboration and Community in Economic Geography.*

**2437. Mapping of Religions (Sponsored by Geography of Religions and Belief Systems Specialty Group, Cartography Specialty Group)**

*Room:* Dearborn 1 (Paper Session)

ORGANIZER(S): John C. Kostelnick, U. of Kansas

CHAIR(S): John C. Kostelnick, U. of Kansas

**1:00** William A. Noble\*, Retired, *Toda Funeral Sites And Funerals, The Nilgiris, South India.*

**1:20** John T. Bauer\*, U. of Kansas, *A Geography of Roman Catholics in the United States.*

**1:40** John C. Kostelnick\*, U. of Kansas, *An Interactive Mapping System for Exploring the Geography of American Religion.*

**2:00** Michael P. Ferber\*, West Virginia U.; Trevor Harris, West Virginia U., *Cartographic Representation and Scale in the Mapping of Religion.*

**2438. Forest Dynamics of Eastern North America I (Sponsored by Biogeography Specialty Group)***Room: Dearborn 2 (Paper Session)*

ORGANIZER(S): Charles W. Lafon, Texas A &amp; M U.

CHAIR(S): Charles W. Lafon, Texas A &amp; M U.

- 1:00** C. Mark Cowell\*, U. of Missouri; Trent Holmes, U. of Missouri, *Vegetation dynamics over 40 years at Hoot Woods, Indiana, an old-growth beech-maple forest.*
- 1:20** Amy Hessel\*, West Virginia U.; Bill Peterjohn, West Virginia U., Biology; Richard Thomas, West Virginia U., Biology; Dawn Parker, George Mason U., *Eastern Deciduous Forests as Carbon Sinks: Interactions Between Ecosystems and Land Management.*
- 1:40** Justin L Hart\*, U. of Tennessee; Henri D Grissino-Mayer, U. of Tennessee, *Composition, structure, and disturbance history of a second-growth hardwood forest on the Cumberland Plateau in Tennessee.*
- 2:00** Georgina DeWeese Wight\*, U. of Tennessee; Henri D Grissino-Mayer, U. of Tennessee; Serena R Aldrich, Texas A&M U.; Charles W Lafon, Texas A&M U., *Fire Regimes, Stand Dynamics, and Climate Response in Three Pine Stands of the Jefferson National Forest, Central Appalachian Mountains, Virginia.*
- 2:20** Serena Aldrich\*, Texas A&M U.; Charles Lafon, Texas A&M U.; Henri Grissino-Mayer, U. of Tennessee, Knoxville; Georgina Wight, U. of Tennessee, Knoxville, *Fire History and Stand Dynamics of Table Mountain Pine Forests on Mill Mountain, Virginia.*

**2439. Advances in Paleoclimatology III (Sponsored by Climate Specialty Group, Biogeography Specialty Group, Cryosphere Specialty Group)***Room: Dearborn 3 (Paper Session)*

ORGANIZER(S): Kevin John Anchukaitis, U. of Tennessee; Prof. Kurt F. Kipfmuller, U. of Minnesota

CHAIR(S): Andrea Brunelle, U. of Utah

- 1:00** John W. Williams\*, U. of Wisconsin - Madison; Bryan Shuman, U. of Minnesota; Patrick J Bartlein, U. of Oregon, *A Reanalysis of Holocene Shifts In The Northern Prairie-Forest Ecotone of North America.*
- 1:20** Catherine Lee Spruance, B.S., M.S. candidate\*, U. of Utah; Andrea Brunelle, Assistant Professor, U. of Utah, *High-Resolution Analysis of Mid to Late Holocene Climate, Fire and Disturbance as Recorded in Alpine Lake Sediments from Mimbres Lake, Southwestern New Mexico..*
- 1:40** Stephen F Wathen\*, U. of California Davis, *The Novel Use of Sedimentary Charcoal and Magnetic Susceptibility to Detect the Effects of Abrupt Climate Change During the Holocene.*
- 2:00** Paige Newby\*, Brown U.; Jeffrey Donnelly, Dr., Woods Hole Oceanographic Institute; Bryan Shuman, Dr., U. of Minnesota; Dana MacDonald, Brown U., *Vegetation and water level changes for the Northeast during the 8.2 ka event.*
- 2:20** Bryan Shuman\*, U. of Minnesota; John W Williams, U. of Wisconsin; Noah S. Diffenbaugh, Purdue U.; Patrick Bartlein, U. of Oregon, *Holocene paleoclimate reconstructions from the mid-continent of North America: a comparison with new regional climate model experiments..*

**2441. People, Place and Pedagogy**

Room: Clark 1 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Dr. Timothy Olsen, U. of Wisconsin - Madison

**1:00** Ronald A. Davidson, Ph.D.\*, California State U., Northridge; Mary Miller, History-Geography Project, U. of California, Los Angeles, *"Place, Stories, and English-Language Learners"*.

**1:20** Julie M Smith, PhD\*, Portland State U.; Toeutu Faaleava, PhD, Portland State U.; Greg Jacob, PhD, Portland State U., *Assessing student understanding of Native American culture in a team-developed course.*

**1:40** William S Aldrich\*, MapTEACH Project Assistant; De Anne P Stevens, MapTEACH Principal Investigator/Senior Geologist with Alaska Division of Geological & Geophysical Surveys; Patty Burns, MapTEACH Co-PI/Geologist with ADGGS; Timothy P Olsen, MapTEACH Principal Investigator/Geospatial Education Specialist at Environmental Remote Sensing Center, U. of Wisconsin Madison; Kimberly Streeter, MapTEACH and ADGGS Intern, *MapTEACH Gains Momentum: Progress for Place-Based Geospatial Education on the Alaskan Front.*

**2:00** Alyssa A Nelson\*, U. of California, Davis, *The Art of Doing Geography: Reflections on a Community Mural Project as Participatory Geographic Learning.*

**2:20** Timothy P Olsen\*, U. of Wisconsin - Madison; Sam Batzli, U. of Wisconsin-Madison; Bil Aldrich, U. of Wisconsin-Madison; De Anne SP Stevens, Alaska Div. of Geological & Geophysical Surveys; Patricia Burns, Alaska Div. of Geological & Geophysical Surveys; Sidney Stephens, U. of Alaska Fairbanks; Jackie Fenno, U. of Alaska Fairbanks, *Thin Clients, Broadband and Remote Web Services: Benefit or Burden to Rural Alaskan Students?.*

**2443. Gendered Experiences in Africa**

Room: Clark 3 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): James Abbott, Temple U.

**1:00** Ibipo Johnston-Anumonwo\*, SUNY Cortland, *Teaching the Geography of Africa from a Gendered Perspective.*

**1:20** Elizabeth M. Waithanji\*, *Gender Identity and Development: An Ethnographic Narrative of Gender Struggles During the 2004 -2005 VSF ? Suisse Poultry Intervention Phase in Gedo Region, Southern Somalia.*

**1:40** Heidi Glaesel Frontani, PhD, Associate Professor of Geography\*, Elon U.; Rachel Rebecca Hewitt, Research Assistant\*, Elon U., *Ideologies of Land and Place: Gikuyu and Settler Colonist Women in Kenya.*

**2:00** James Abbott\*, Temple U.; Lisa M Campbell, Duke U., *Market-resource links and fish vendor livelihoods in the Upper Zambezi River floodplains.*

**2445. Ethnic Spaces, Ethnic Places**

Room: Clark 5 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Owen Furuseth, Jr, U. of North Carolina - Charlotte

**1:00** Eugene L. Tettey-Fio\*, SUNY-Binghamton, *Ethnic Diversity of Black Immigrant Population and Changing Geographies of Black America*.**1:20** Evelyn D. Ravuri\*, Saginaw Valley State U., *Determinants of the Distribution of Asian and Hispanic Ethnic Groups in North Carolina, 2000*.**1:40** Mark E Reisinger\*, Binghamton U. SUNY; John W Frazier, Binghamton U. SUNY, *The Role of Migration Selectivity in the Latinization of Pennsylvania Dutch Country*.**2:00** Michael E. Leavitt\*, ASU, *The Evolution of Hispanic Commercial Landscapes in the Phoenix Metropolitan Area*.**2:20** Owen J. Furuseth, Ph.D.\*, U. of North Carolina - Charlotte; Heather Anne Smith, Ph.D., U. of North Carolina - Charlotte, *Deconstructing the Mythical Latino Landscape in Charlotte, North Carolina*.**2446. Political Ecologies of Knowledge, Science and technology III: hybrid knowledge and nature constructions (Sponsored by Developing Areas Specialty Group, Cultural and Political Ecology Specialty Group, Indigenous Peoples Specialty Group)**

Room: Clark 7 (Paper Session)

ORGANIZER(S): Mara Jill Goldman, U. of Wisconsin-Madison; Dianne E. Rocheleau, Clark U.

CHAIR(S): Dianne E. Rocheleau, Clark U.

**1:00** Noella Gray\*, Duke U., *Drawing Boundaries: the Role of Science in Marine Protected Areas*.**1:17** Chris Sneddon\*, Dartmouth College, *Fish, science and the politics of knowledge production in Southeast Asia*.**1:34** Gabriela Valdivia\*, Michigan State U., *The matter of oil in the northern Ecuadorian Amazon*.**1:51** Yen-Chu Weng\*, U. of Wisconsin-Madison, *Negotiating Nature in the Process of Recreating Nature: An Exploration of the Discourses on Ecological Restoration*.

Discussant(s): Peter Brosius, U. of Georgia

**2448. Remote Sensing in the United States**

Room: Clark 9 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): R Douglas Ramsey, Utah State U.

**1:00** Randy McKinley\*, SAIC, *Status and Applications of the USGS EROS Digital Photo Archive*.**1:20** Donald Luman\*, Illinois State Geological Survey, *Illinois' Digital Past: An On-Line Archive of Historical Aerial Photography*.**1:40** Cuizhen Wang\*, U. of Missouri, *Detecting oak decline in the Mark Twain National Forest with remote sensing and GIS techniques*.**2:00** Qihao Weng\*, Indiana State U., *Sub-pixel analysis of the urban landscape dynamics in Indianapolis*.

2:20 R Douglas Ramsey, Ph.D.\*, Utah State U.; John Lowry, Utah State U., *Mapping meso-scale land cover over very large geographic areas within a collaborative operational framework: A case study of the Southwest Regional Gap Analysis Project (SWReGAP).*

**2449. Global Perspectives and the Undergraduate Geography Curriculum (Sponsored by International Network for Learning and Teaching Geography in Higher Education, Geography Education Specialty Group)**

Room: Clark 10 (Paper Session)

1:00 Phil Klein\*, U. of Northern Colorado, *Teaching Geography Through International Collaborations: What Works?.*

1:20 Jenny Lunn\*, Royal Geographical Society (with IBG), *Global Perspectives in Higher Education: are UK graduates globally aware?.*

1:40 Richard Alan Sambrook, Ph.D.\*, Eastern Kentucky U., *A Consortium Based Model for Organizing Overseas Study Abroad Programs.*

2:00 Carolyn R. Roberts\*, Centre for Active Learning, U. of Gloucestershire, UK, *African Adventures: Teaching Geography through a Development Aid Partnership.*

**2450. Music Geography I: Places, Hearths and Scenes (Sponsored by Cultural Geography Specialty Group)**

Room: LaSalle 1 (Paper Session)

ORGANIZER(S): Sara Beth Keough, U. of Tennessee

CHAIR(S): Ola Johansson, U. of Pittsburgh at Johnstown

1:00 Robert Russell\*, U. of Iowa, *Searchin' for a Truer Sound: the 'country,' Authenticity, and Place in Alternative Country Music.*

1:20 William Robert Flynn, Ph.D. Student\*, Oklahoma State U., *The Andean Charango: A Cultural Geography of the Original Armadillo World Headquarters.*

1:40 Ola Johansson\*, U. of Pittsburgh at Johnstown; Thomas L Bell, U. of Tennessee, *Where are the New U.S. Music Scenes?.*

2:00 Graeme S Ford, Mr\*, Oxford Brookes U., *From Place to Space: The Cultural Geography of the Emotional Punk Movement in the United Kingdom, 1974 - 2005..*

2:20 John Finn\*, U. of Missouri - Columbia, *Glocalization: Connecting Globalization to Local Cuban Music and Musicians.*

**2451. Beijing + 10—Part I: Where are we Today? (Sponsored by Geographic Perspectives on Women Specialty Group, Ethics, Justice, and Human Rights Specialty Group, Regional Development and Planning Specialty Group)**

Room: LaSalle 2 (Panel Session)

ORGANIZER(S): Vandana Wadhwa, U. of Akron; Kate Boyer, Rensselaer Polytechnic Institute

CHAIR(S): Kate Boyer, Rensselaer Polytechnic Institute

Panelists: Vanessa Hudson, U. of Kentucky; Dr. Beverley Mullings, Queen's U.; Amy Ross, U. of Georgia, Athens; Melissa R. Gilbert, Temple U.

**2452. Recent Innovations in Activity-Travel Behaviour Research: Behavioural Analysis, Modelling and Policy Linkages III (Sponsored by Transportation Geography Specialty Group)**

Room: LaSalle 3 (Paper Session)

ORGANIZER(S): Ron N Buliung, U. of Toronto At Mississauga

CHAIR(S): Ron N Buliung, U. of Toronto At Mississauga

**1:00** Ron N Buliung, Ph.D.\*, U. of Toronto At Mississauga, *A Comparative Study of Weekday and Weekend Activity Spaces using Data from the Toronto Travel Activity Panel Survey (TTAPS)*.

**1:20** Konstadinos G. Goulias\*, U. of California Santa Barbara, *Research in travel demand forecasting: a roadmap for geographers*.

**1:40** Tim Schwanen\*, Utrecht U., *Experiencing chauffeuring trips - A consideration of working mothers and fathers*.

**2:00** Scott A Bridwell\*, U. of Utah; Harvey J Miller, U. of Utah, *Representation and analysis of activities with varying discretion*.

**2:20** Sonia Chardonnel\*, Laboratoire PACTE - Grenoble - France, *Exploring the everyday activities and projects for simulating rhythm and routines in french urban areas*.

**2453. Sprawl I**

Room: LaSalle 4 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): James Myers, Rutgers U.

**1:00** Katherine M. Johnson\*, U. of Northern Colorado; Charles G. Schmidt, U. of Northern Colorado, *'Room to Grow': urban ambitions and the limits of growth in Weld County, Colorado*.

**1:20** Norman Carter\*, San Diego State U., *Keeping up with the Joneses': new residential towers in Orange County, California compete with the Los Angeles skyline..*

**1:40** James Vaughan\*, Texas State U.-San Marcos, *Size Matters: Super-sizing the American Dream*.

**2:00** Kendrick J. Curtis\*, U. of Tennessee, *The Forces of Conformity in the Contemporary Upscale Suburb*.

**2:20** James R Myers\*, Rutgers U., *Landscape Correlates of Open Space Preservation Funding in the Northeastern United States*.

**2454. Understanding networks at the science-policy interface 3: extended/contested knowledges**

Room: LaSalle 5 (Paper Session)

ORGANIZER(S): Dr. Jason Chilvers, U. of Birmingham; Dr. James Evans, U. of Birmingham

CHAIR(S): Dr. Jason Chilvers, U. of Birmingham

**1:00** Tom Samuel Burditt\*, U. of the West of England, Bristol, *Exploring knowledge networks in nature conservation: case studies from the management of Wildlife Trust land*.

**1:20** Dianne Scott\*, U. of Kwazulu-Natal; Clive Barnett, Open U., UK, *Something in the Air: Science, environment, and contentious urban politics in post-apartheid South Africa*.

**1:40** Mary M. Brook\*, Dartmouth College, *Tribal Councils and Transnational Forest Development Networks*.

**2:00** Anne Marie Tiani\*, Center for International Forestry Research, *Building ecological knowledge as a tool for community sustainable forest management: lessons from Central Africa.*

Discussant(s): Dr. James Evans, U. of Birmingham

**2456. Culture and Economy in the European City-Region I (Sponsored by European Specialty Group, Urban Geography Specialty Group)**

*Room:* Sandburg 2 (Paper Session)

ORGANIZER(S): David L. Prytherch, Miami U.; Josep-Vicent Boira-Maiques

CHAIR(S): Malcolm Alan Compitello, U. of Arizona

**1:00** David L. Prytherch, Ph.D.\*, Miami U., *New European Territories, Old Regionalist Dreams? Reterritorialization, Regionalism, and the Mediterranean Arch.*

**1:20** Antoni Dura-Guimera\*, Universitat Autònoma de Barcelona; Josep-Vicent Boira-Maiques, Universitat de València, *Debating Euroregions in Europe: recent evolution and new emerging realities. The case of the Euroregion Pyrenees-Mediterranean.*

**1:30** Josep-Vicent Boira-Maiques\*, *Debating Euroregions in Europe: recent evolution and new emerging realities. The case of the Euroregion Pyrenees-Mediterranean.*

**1:40** Marco Bontje\*, AMIDSt, U. of Amsterdam; Sako Musterd, AMIDSt, U. of Amsterdam, *Accommodating Creative Knowledge; Amsterdam in a European Perspective.*

**2457. China Rising (Sponsored by China Specialty Group, Regional Development and Planning Specialty Group)**

*Room:* Sandburg 3 (Panel Session)

ORGANIZER(S): George M. Pomeroy, Shippensburg U.; Ashok K. Dutt, U. of Akron

CHAIR(S): George M. Pomeroy, Shippensburg U.

Panelists: George M. Pomeroy, Shippensburg U.; Ms. Jennifer Yongmei Pomeroy, U. of Maryland/Shippensburg U. PA; Shuguang Wang, Ryerson U.; Yehua Dennis Wei, U. of Wisconsin-Milwaukee; Ashok K. Dutt, U. of Akron; Shii Okuno, U. of Marketing and Distribution Services

**2458. New Approaches to Creating More Ecological Cities: Session I**

*Room:* Sandburg 4 (Panel Session)

ORGANIZER(S): Rutherford H. Platt, U. of Massachusetts

CHAIR(S): Rutherford H. Platt, U. of Massachusetts

Panelists: Ms. Carol Atkinson-Palombo, Arizona State U.; Mark J. Bouman, Chicago State U.; Dr. Alice E. Mulder, Weber State U.; Norman T. Moline, Augustana College

**2459. SAM Student Paper Competition I (Sponsored by Spatial Analysis and Modeling Specialty Group)**

*Room:* Sandburg 5 (Paper Session)

ORGANIZER(S): Fahui Wang, Northern Illinois U.

CHAIR(S): Fahui Wang, Northern Illinois U.

**1:00** Jonathan P. Schroeder\*, U. of Minnesota, *Evaluating Uncertainty When Using Areal Interpolation for Temporal Analysis of Census Tract Data.*

- 1:20 Srinivas Vinnakota\*, Louisiana State U., *Effects of classification and small numbers problem in spatial association rule mining of public health datasets.*
- 1:40 Soumya Mazumdar\*, U. of Iowa, *Detecting associations between environmental contaminants and health using data masked to preserve privacy.*
- 2:00 Noah C Goldstein\*, Lawrence Livermore National Laboratory, *A new methodology of comparing Monte Carlo binary output of spatial spread models.*
- 2:20 Haifeng Zhang, Mr.\*, U. of South Carolina, *A Spatial Analysis of the Achievement Gap Among Urban, Suburban, and Rural Schools.*

**2460. Spatial Modeling Techniques (Sponsored by Spatial Analysis and Modeling Specialty Group)**

Room: Sandburg 6 (Paper Session)

ORGANIZER(S): David Wong, George Mason U.

CHAIR(S): Eric M. Delmelle, U. of Idaho

- 1:00 Shipeng Sun\*, U. of Minnesota, *Collaboration in the Academic GIS Community: A Social Network Analysis.*
- 1:20 Fei Long\*, McMaster U.; Antonio Páez, McMaster U., *Modeling Spatial Variation in Housing Prices: A Shift from Global Regression to Local Regression, from Global Variogram to Local Variogram.*
- 1:40 Kamyong Kim\*, Center for Urban and Regional Analysis and Department of Geography, The Ohio State U.; Alan T. Murray, Center for Urban and Regional Analysis and Department of Geography, The Ohio State U., *Modeling to support 24/7 security monitoring.*
- 2:00 Eric Delmelle\*, U. of Idaho, *A New Method to Support Second-Phase Spatial Sampling in a Multivariate Field Using Regression Confidence Bands.*
- 2:20 Jessica N. Mefford\*, The Ohio State U.; Alan T. Murray, The Ohio State U.; Tony H. Grubestic, U. of Cincinnati, *Multi-Objective Optimization for Identifying Vulnerability in Critical Network Infrastructure.*

**2461. The Third Wave? The Changing Economic Structure of the American South (Sponsored by Economic Geography Specialty Group)**

Room: Sandburg 7 (Paper Session)

ORGANIZER(S): William Graves, UNC-Charlotte; Ronald V. Kalafsky, U. of North Carolina-Charlotte

CHAIR(S): Ronald V. Kalafsky, U. of North Carolina-Charlotte

- 1:00 Ronald V. Kalafsky\*, U. of North Carolina at Charlotte, *Human capital and innovation in manufacturing: evidence from a transforming region.*
- 1:20 Nichola Lowe\*, U. of North Carolina-Chapel Hill, *Job Creation and the Knowledge Economy: Early Lessons from North Carolina's 'Biomanufacturing' Initiative.*
- 1:40 William Graves\*, UNC-Charlotte, *The Poverty of Southern Entrepreneurship: Identifying the Causes and Remedies of Venture Capital Shortage in the South.*
- 2:00 Tyrel G. Moore\*, U. of North Carolina - Charlotte; Gerald L. Ingalls, U. of North Carolina at Charlotte, *A Place for Old Mills in a New Economy: Adaptive Reuse of Textile Mills in the Charlotte Metro Region.*



**2462. Nari: Researching Women and Women's Issues in India (Sponsored by Geographic Perspectives on Women Specialty Group, Asian Geography Specialty Group)**

*Room:* Sandburg 8 (Paper Session)

ORGANIZER(S): Vandana Wadhwa, U. of Akron

CHAIR(S): Vandana Wadhwa, U. of Akron

**1:00** Debarchana Ghosh\*, U. of Minnesota, *Predicting Vulnerability of Indian Women to Domestic Violence Incidents.*

**1:20** Vandana Wadhwa, PhD\*, The U. of Akron, *Spatial Patterns of AIDS Awareness Among Indian Women: What Variables are at Play?.*

**1:40** Ayona Datta, PhD\*, London School of Economics, *(Un)Doing Women: 'Veiled' masculinities and 'simulated' femininities.*

**2:00** Lalita Sen\*, Texas Southern Univ, *Legal & Social Ramifications of Mental Illness fro Indian Women.*

**2463. Geopolitics in Eurasia**

*Room:* Montrose 1 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): David Hooson, U. of California, Berkeley

**1:00** Heather N Nicol, Dr\*, U. of West Georgia; Lassi K Heininen, Dr, U. of Lapland, *A Networked North? The Northern Dimension Ict And Circumpolar Geopolitics.*

**1:20** Matthew J Durnin\*, *Arms Transfers in the Balkan Conflicts: A Geographic Perspective.*

**1:40** Steven Ramsey\*, Frostburg State U., *Azerbaijan: A Country in Transition.*

**2:00** Nathaniel McAllister Lewis, B.A., Geography, Colgate U.\*, The George Washington U., *Left Behind? A Comparative Study of Russian Minorities in Estonia and Latvia.*

**2:20** David Hooson\*, U. of California, Berkeley, *The Changing Geopolitics of Inner Asia.*

**2464. Spatial Pattern, Dynamics and Filtering: A Session in Honor of Arthur Getis**

*Room:* Montrose 2 (Paper Session)

ORGANIZER(S): Serge Rey, San Diego State U.; Luc Anselin, U. of Illinois

CHAIR(S): Serge Rey, San Diego State U.

**1:00** Michael Tiefelsdorf\*, U of Texas at Dallas, *Correlation among Local Indicators of Spatial Association.*

**1:20** Jared R. Aldstadt\*, San Diego State U., Department of Geography; Mark Janikas, San Diego State U., *Exploratory Spatial Filtering of Space-Time Data.*

**1:40** Julia Koschinsky\*, U. of Illinois at Urbana-Champaign, *How Real and Sensitive Are Our Hedonic Regression Results? Comparing Common Spatial Models in the Context of Subsidized Housing and Property Values in Seattle, WA.*

**2:00** Mark V. Janikas\*, San Diego State U.; Sergio J. Rey, Ph.D., San Diego State U., *Assessing Relative Distributions in the Presence of Spatial Dependence.*

**2:20** Serge Rey\*, San Diego State U.; Xinyue Ye, San Diego State U., *Comparative Space-Time Dynamics.*

**2465. Diversity in Geography Departments: Student Perspectives (Sponsored by Association of American Geographers, Ethnic Geography Specialty Group)***Room: Montrose 3 (Panel Session)*

ORGANIZER(S): Lawrence E. Estaville, Texas State U.

CHAIR(S): Lawrence E. Estaville, Texas State U.

Panelists: Darlene Occena-Gutierrez; Fenda A. Akiwumi, Hill College; Ellen Hostetter; Marcie Kuehl, U. of Oklahoma; Julienne R. Gard, California State U., Long Beach

**2469. Dynamics of Urban Neoliberal Governance III (Sponsored by Socialist and Critical Geography Specialty Group, Urban Geography Specialty Group)***Room: Montrose 7 (Paper Session)*

ORGANIZER(S): David Wilson, U. of Illinois; Roger Keil, York U.

CHAIR(S): Roger Keil, YORK UNIVERSITY

**1:00** Jason Hackworth\*, U. of Toronto, *Neoliberalism, contingency, and urban policy: the case of social housing in Ontario.***1:20** Jean-Paul David Addie\*, Miami U., Ohio, *The Spatialities of Neighbourhood Democracy under Neoliberalism: Access and Accountability in Over-the-Rhine, Cincinnati.***1:40** John Grundy\*; Julie-Anne Boudreau\*, Institut national de la recherche scientifique, U. of Quebec, *Racing towards coolness: Neoliberalization and international marketing strategies in Toronto.***2:00** Judy Bates\*, Wilfrid Laurier U.; Glen Norcliffe\*, York U., *Rohmer's Dream, And Neoliberal Reality: De-Industrialization And Urban Crisis In Canada's Mid North..*

Discussant(s): Nik Theodore

**2470. Nationalism, Geography, and Performance (Sponsored by Political Geography Specialty Group, Historical Geography Specialty Group, Cultural Geography Specialty Group)***Room: Burnham 1 (Paper Session)*

ORGANIZER(S): Joshua Hagen, Marshall U.

CHAIR(S): Joshua Hagen, Marshall U.

**1:00** Ariel Terranova-Webb\*, U. of Kentucky/Eastern Kentucky U., *"We're a small American town that moves everyday:" Performing the Nation in the American Circus.***1:20** Rod Neumann, Ph.D.\*, Florida Intl Univesity, *Elite Performance of National Identity Abroad: Churchill and Roosevelt in the African Landscape.***1:40** Robert Kaiser, PhD\*, U. of Wisconsin - Madison, *Power and Performativity in the Borderlands of Post-Socialist Space: Tourism and Place-Identity Enactments in Narva, Estonia.***2:00** Kimberly Coulter\*, U. of Wisconsin-Madison, *"Every Land Needs a Legend": German Film, Territorial Identity, and the Miracle of Marketing. The Case of "The Miracle of Bern".***2:20** Margath A. Walker\*, U. of Kentucky, *Cultural Production and national identity: notes from Tijuana.*

**2471. Qualitative Information and GIS (Sponsored by Geographic Information Science and Systems Specialty Group)***Room: Burnham 2 (Paper Session)*

ORGANIZER(S): Xiaobai Yao, U. of Georgia; Dr. Jean-Claude Thill, U. at Buffalo

CHAIR(S): Xiaobai Yao, U. of Georgia

**1:00** Thomas Bittner\*, SUNY - Buffalo, *A Mereological Theory of Frames of Reference.***1:20** Xiaobai Yao, PhD\*, U. of Georgia; Jean-Claude Thill, PhD, U. at Buffalo, *Referencing Common-Sense Spatial Information in GIS.***1:40** Sean C. Ahearn, Professor and Director\*, CARSU-Hunter College - City U. of New York; Alan McConchie, Research Associate, CARSU - Hunter College; Ryan M. Carney, California Department of Health Services, Vector-Born Disease Section, *Spatial-temporal analysis of dead birds for determining West Nile Virus risk in California.***2:00** Jian Liu\*, U. of Wisconsin - Madison, *Robustness Examination of Linguistic Expert Knowledge in Natural Resource Mapping.***2473. The Geography of War Outcomes: Bosnia and the North Caucasus, Russia (Sponsored by Russian, Central Eurasian, and East European Specialty Group, Political Geography Specialty Group, Military Geography Specialty Group)***Room: Burnham 4 (Paper Session)*

ORGANIZER(S): John V. O'Loughlin, U. of Colorado

CHAIR(S): John V. O'Loughlin, U. of Colorado

Introducer: John V. O'Loughlin

**1:05** Gearóid Ó Tuathail\*, Virginia Tech, *Localized Geopolitics: Theorizing the Spatial Dynamics of Conflict in Bosnia and the North Caucasus.***1:25** Vladimir Kolossov\*, Russian Academy of Sciences, *Conflict and Migration in the North Caucasus region of Russia.***1:45** Frank Witmer\*, U. of Colorado - Boulder, *Detecting Land-Use/Land-Cover Change in Northeast Bosnia using Landsat Multispectral Imagery.***2:05** John V. O'Loughlin\*, U. of Colorado, *The outcomes of wars in Bosnia and the North Caucasus: War experiences, ethnic distances, and conflict potentials.***2474. Geographic Research at USGS III: GIScience***Room: Burnham 5 (Paper Session)*

ORGANIZER(S): E. Lynn Usery, U. of Georgia

CHAIR(S): E. Lynn Usery, U. of Georgia

**1:00** E. Lynn Usery, Research Geographer\*, U.S. Geological Survey, *Geographic Information Science Research in the U.S. Geological Survey.***1:10** Stephen C. Guptill\*, United States Geological Survey, *USGS GIScience Research: Context-based Conflation.***1:30** Brian G Maddox\*, United States Geological Survey, *Restoration of Data from Lossy Compression.***1:50** Dean Tyler\*, United States Geological Survey; Matthew Cast, United States Geological Survey, *The challenges of developing efficient web-enabled GIS analysis tools that leverage national seamless databases.***2:10** Michael P. Finn\*, United States Geological Survey; David D. Bosch, U.S. Department of Agriculture; E. Lynn Usery, U.S. Geological Survey; Austin D. Hartman, U.S. Geological Survey, *Problems Associated with Comparing In Situ Water Quality Measurements to Pollution Model Output for Geographical Analyses.*

**3:00 p.m. – 4:40 p.m.****2501. Labours of Love: Gender, Reproduction and the Academy (Sponsored by Geographic Perspectives on Women Specialty Group)***Room:* Salon 1 (Panel Session)

ORGANIZER(S): Brenda Parker, U. of Wisconsin-Madison; Wendy Wolford, U. of North Carolina at Chapel Hill

CHAIR(S): Brenda Parker, U. of Wisconsin-Madison

Panelists: Cindi Katz, CUNY Graduate Center; Brenda Parker, U. of Wisconsin-Madison; Lynn Staeheli; Susan Hanson, Clark U.; Wendy Wolford, U. of North Carolina at Chapel Hill; Altha J. Cravey, U. of North Carolina

**2502. Comparative Geographies of Youth Insecurity IV: Discussing Youth Geographies***Room:* Salon 2 (Panel Session)

ORGANIZER(S): Craig Jeffrey, U. of Washington

CHAIR(S): Craig Jeffrey, U. of Washington

Introducer: Craig Jeffrey

Panelists: Susan Ruddick, U. of Toronto; Dr. Anoop Nayak; Andrea G. Arai, Independent; Stuart C. Aitken, San Diego State U.

**2503. Explorations in Human Geography***Room:* Salon 3 (Illustrated Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Katrine Hartmann-Petersen

**3:00** Tom L. Martinson\*, Auburn U., *From Field to Classroom: A Virtual Tour of "Ute Country"*.**3:05** Stephen Gushue\*, U. of Nevada, Reno, *"St. Thomas (Nevada) Rising from Stagnant Waters: Toward a Cultural Biogeography of Once-Inundated Place"*.**3:10** Matthew Fockler\*, U. of Nevada, *There's No Place Like Home: Small Town America As Imitated By Black Rock City and the Burning Man Festival*.**3:15** Stephen M. O'Connell\*, Oklahoma State U., *The Role of Transportation Networks in National Park Landscape Change*.**3:20** Margaret Howard-Heretakis\*, U. of Kansas, *Second Home Developments and their Impact on Rural Mountain Communities: the Case of Granby, Colorado*.**3:25** Jerome L. Lohry\*, U. of Nevada Reno, *Functional Use of Recreational Space: Recreational Trails as Transportation Corridors*.**3:30** Brian A. Mikelbank\*, Cleveland State U., *The Interaction of Policy and Scale: Poverty in Ohio*.**3:35** Ezgi Akpinar\*, U. of Cincinnati, *Ancient Settlement Pattern Analysis for the region of Cilicia between Bronze Age and the Byzantine Era*.**3:40** John S. Benson, Ph.D\*, Minnesota State U. Moorhead, *"Mazingira Magumu": Influences of Geographic and Local Factors on Primary School Success and Failure in Tanzania*.**3:45** Benedict Albert\*, Center for Neighborhood Technology, *Uncovering the Costs of Transportation for Federal and Local Policy Making*.

**3:50** Katrine Hartmann-Petersen, PhD\*, Dept. for Environment, Technology and Social Science, Roskilde U.; Lise Drewes Nielsen, Prof, Dept. for Environment, Technology and Social Science; Malene Freudendal-Pedersen, PhD, Dept. for Environment, Technology and Social Science, *Future workshops on mobility and transport research - a methodology for involvement.*

**3:55** Malene Freudendal-Pedersen\*, Department for Environment, Technology and Social Science, Roskilde U.; Lise Drewes Nielsen, Prof, Department for Environment, Technology and Social Science, Roskilde U.; Katrine Hartmann-Petersen, PhD, Department for Environment, Technology and Social Science, Roskilde U., *Future workshop on mobility and transport research - a methodology for involvement.*

**2504. Comparative study of empires 2 (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group)**

*Room:* Salon 4 (Paper Session)

ORGANIZER(S): Gerry Kearns, U. of Cambridge

CHAIR(S): Gerry Kearns, U. of Cambridge

**3:00** Stuart Corbridge\*, London School of Economics, *Circuits of empire and the remaking of Bhuj, Kachchh-Gujarat.*

**3:15** Barbara Hooper, Ph.D.\*, Centre for Border Research, Radboud U. Nijmegen, The Netherlands, *Trafficking in EU-imperialism: Comparing 'Soft' and 'Hard' Empires.*

**3:30** Simon M. Reid-Henry, Dr\*, Queen Mary, U. of London, *American Empire, Guantanamo Bay and the Art of Extra-Territoriality.*

**3:45** Cristina D'Alessandro-Scarpari, PhD\*, Université De Tours, *Digital imperialism: creating new empires through the environmental protection.*

**4:00** Elena Dell'Agnese, prof.\*, U. of Milano-Bicocca; Marcella Schmidt di Friedberg, prof., U. of Milano-Bicocca, *tu regere imperio mundi.*

Discussant(s): Michael Heffernan, U. of Nottingham

**2505. Amenity Migration, Exurbia, and Emerging Rural Landscapes 4: Plenary Panel Discussion (Sponsored by Recreation, Tourism, and Sport Specialty Group, Cultural and Political Ecology Specialty Group, Rural Geography Specialty Group)**

*Room:* Salon 5 (Panel Session)

ORGANIZER(S): Julia Haggerty; Hannah Gosnell, Oregon State U.

CHAIR(S): Julia Haggerty

Panelists: Nathan F. Sayre, U. of California, Berkeley; Peter B. Nelson, Middlebury College; Deborah L. Che, Western Michigan U.; Peter A. Walker, U. of Oregon; Gerda R. Wekerle, York U.

**2507. Examining Patterns in Human Geography**

Room: Salon 7 (Interactive Short Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mr. Arthur Green, IV, McGill U.

- 3:00** Firooza Pavri\*, U. of Southern Maine, *Deciphering urban land use patterns for Bombay, India through satellite imagery.*
- 3:05** Urooj Amjad, Research Officer, Sustainable Construction Project\*, Centre for Environmental Policy and Governance, *A Checklist for Sustainable Construction and Design in London: Knowledge Management and Policy Implementation.*
- 3:10** Michael B Nye\*, London School of Economics, *Evaluating the Potential Impacts of Sustainable Construction Policy using the REAP Program.*
- 3:15** Sugato Dutt, Graduate Degree Fellow EWC Honolulu Hawaii\*, U. of Hawaii at Manoa, *Contested domain: state agendas and livelihood struggles in the Duars, West Bengal state, India.*
- 3:20** Rajiv R. Thakur\*, Indiana State U., *Scalar Discourses on Development in South Asia: Unpackaging the Debate.*
- 3:25** Anne Mariko Dudzik\*, California State U. - Los Angeles, *Perfect competition? Incomplete markets and Cross-border Bank Acquisitions.*
- 3:30** Chang Ho Lee\*, SUNY - Buffalo, *Technology Transfer of Small and Medium Sized Enterprises in the Korea IT Industry.*
- 3:35** Paul R. Sando, Ph.D.\*, MN State U. at Moorhead, *Global Policy - Regional Impact: CAFTA and the Sugar Beet..*
- 3:40** D'Arcy Dornan, M.A., Ph.D.\*, Central Connecticut State U., *Postcolonial realities: linkages between tourism and agriculture in Martinique.*
- 3:45** Arthur Green, PhD Student\*, McGill U., *Land Management Regimes, Resource Tenure, and Negotiation Opportunities: A Comparative Case Study of the Bifurcated Land Management System in Sierra Leone.*

**2508. Regional innovation systems: theory, methods and practice 4 new industries (Sponsored by Economic Geography Specialty Group)**

Room: Salon 8 (Paper Session)

ORGANIZER(S): Dr. Helen Lawton Smith, Birkbeck U. of London; Sharmistha Bagchi-Sen, SUNY-Buffalo

CHAIR(S): Prof. Christine Oughton, Birkbeck, U. of London

- 3:00** Maryann P. Feldman\*, U. of Toronto; Dieter F. Kogler, U. of Toronto, *How Studying Biotechnology Informs the Study of Emerging Industries.*
- 3:20** Lars Coenen\*, CIRCLE, Lund U., Sweden; Jerker Moodysson\*, Department of Social and Economic Geography, Lund U., Sweden; Martin Svensson Henning, Lund U., Sweden, *The growth and development of a Nordic RIS in a globalising economy: the case of biotech in Scania.*
- 3:40** Yael Levitte\*, Cornell U.; Sharmistha Bagchi-Sen\*, SUNY-Buffalo, *Understanding university-industry collaborations in biotechnology.*
- 4:00** Martin Meyer\*, SPRU, U. of Sussex & SooS, K.U. Leuven, *The Emergence of Novel Science-Related Fields: Regional Or Technological Patterns? Exploration And Exploitation In Uk Nanotechnology.*
- 4:20** Christof Kloeppe\*, U. of Basel, *The coexistence of regional innovation systems: How the Basel pharmaceutical industry influences the life science industry in Switzerland and other industries in its region.*

**2509. Controversies of Neighborhood Change***Room: Salon 9 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Ms. JUSTYNA GOWOROWSKA, Hunter College of CUNY

**3:00** Nicholas M Dahmann\*, U. of Chicago Student; Michael P. Conzen\*, U. of Chicago, *At Home Downtown: Living in Chicago's New Zone of Transition.***3:20** Tyler Rebecca Pearce, Ph.D. Student\*, U. of British Columbia, *Blame the Bridge: The Making of an Urban Renewal Area.***3:40** Brenda A Kayzar\*, San Diego State U. and U. of California, Santa Barbara, *East Village: Downtown San Diego's final revitalization frontier.***4:00** JUSTYNA GOWOROWSKA\*, Hunter College of CUNY, *The Influence of Immigrants on a Neighborhood in Decline: How Soviet Jews Gentrified Brighton Beach, Brooklyn..***2510. Offshore, Onshore, Nearshore and Blended-Shore: Creative/Cultural Industries II***Room: Salon 10 (Paper Session)*

ORGANIZER(S): John Bryson, U. of Birmingham

CHAIR(S): John Bryson, U. of Birmingham

Introducer: John Bryson

**3:05** Thomas A. Hutton, PhD\*, U. of British Columbia, *Cultural Services Production in the Transnational City.***3:25** Montserrat Pallares-Barbera\*, Universitat Autònoma de Barcelona, *"Creating urban knowledge-activity hubs in Barcelona (Spain): A history of success?"***3:45** Tara Vinodrai\*, U. of Toronto, *Working here, made there: The implications of outsourcing for project-based design work in Toronto.***4:05** Yifei Sun\*, California State U., Northridge, *Over Concentration of Foreign R&D in Beijing and Shanghai within China.***2511. Where Are We? Recent Approaches to Population Distribution Estimation III (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group, Remote Sensing Specialty Group)***Room: Salon 11 (Paper Session)*

ORGANIZER(S): David Rickter Rain, The George Washington U.; Budhendra Bhaduri, Oak Ridge National Laboratory

CHAIR(S): Budhendra Bhaduri, Oak Ridge National Laboratory

**3:00** Eun-hye Enki Yoo\*, U. of California, Santa Barbara; phaedon C Kyriakidis, U. of California, Santa Barbara, *Extension of a geostatistical framework for reconstructing population density surfaces.***3:20** Marie L Minner\*, ORAU; Lauren Patterson, U. of North Carolina; Aaron Myers, U. of South Carolina, *Assessing The Spatial and Attribute Error of Input Data for Population Distribution Models.***3:40** Kathleen A. Abercrombie, Auburn U.; Aarthu Sabesan, M.S., Oak Ridge National Laboratory; Auroop R Ganguly, Ph.D.\*, Oak Ridge National Laboratory, *Metrics for the comparative analysis of geospatial datasets with applications to high-resolution grid-based population data.*

- 4:00 Budhendra Bhaduri\*, Oak Ridge National Laboratory; Cheng Liu, Oak Ridge National Laboratory; James Nutaro, Oak Ridge National Laboratory; Eddie Bright, Oak Ridge National Laboratory; Phil Coleman, Oak Ridge National Laboratory, *A Computational Approach Towards a Spatio-temporal Population Dynamics Model*.
- 4:20 Neal Feierabend\*; David Potere; Eddie Bright, *Wal-Mart from Space*.

**2512. Fleming Lecture in Transportation Geography (Sponsored by Transportation Geography Specialty Group)**

- Room: Salon 12 (Paper Session)  
 ORGANIZER(S): Richard L. Morrill, U. of Washington  
 CHAIR(S): Richard L. Morrill, U. of Washington  
 3:00 Mei-Po Kwan\*, Ohio State U., *Mobile Communications and Transportation Geography*.  
 Introducer: Jean-Paul Rodrigue  
 Discussant(s): William R. Black, Indiana U.

**2513. Urban Patterns in East Asia**

- Room: Cresthill Room 11 (Paper Session)  
 ORGANIZER(S): Program Committee  
 CHAIR(S): Ms. Sun Hui Sim, U. of California Santa Barbara  
 3:00 Ramesh C. Dhussa\*, Drake U., *Japan: a Realm of Humanized and Compact Landscapes*.  
 3:20 Bing-Sheng Wu\*, Department of Geography, Texas A&M U., *The emergence of Desakota regions in Shanghai*.  
 3:40 Jae Yong Lee\*, Ohio State Univ., *Measuring Social Exclusion of individual interaction: Based on Time-Geography and Social Network*.  
 4:00 Namji Jung\*, Cornell U., *Paradox of Proximity: Role of proximity in digital content industry cluster in a highly competitive region*.  
 4:20 Sun Hui Sim\*, U. of California Santa Barbara, *The Characteristics of Secondary Cities in the Seoul Metropolitan Region*.

**2515. Geographies of Religious Nonconformity (Sponsored by Geography of Religions and Belief Systems Specialty Group)**

- Room: Private Dining Room 4 (Paper Session)  
 ORGANIZER(S): Adrian Bailey; Dr. David Harvey, U. of Exeter (UK)  
 CHAIR(S): Dr. David Harvey, U. of Exeter (UK)  
 3:00 David J. Butler, Dr\*, U. College, Cork, Ireland, *'Careful of their breeding': survival strategies of Protestant dissenters in southern Ireland during the seventeenth and eighteenth centuries*.  
 3:20 Joy Whiteley Ackerman, PhD\*, Antioch NE Grad School, *Different Drums: Poetics, Politics and Pilgrimage at Walden*.  
 3:40 Amy Mills, Dr.\*, U. of South Carolina, *A Gendered Geography of Nonconformity: Minority intermarriage, migration, and the spaces of women "left behind"*.  
 4:00 Adrian Raymond Bailey, Dr.\*, The U. of Exeter; David Charles Harvey, Dr., The U. of Exeter; Catherine Brace, Dr., The U. of Exeter in Cornwall, *Constructing the Nonconformist Citizen: Methodist Mutual Improvement in Cornwall (UK) c. 1870-1930*.



4:20 John-David C. Dewsbury\*, U. of Bristol, *Non-Conformist Communion: Performance And Materiality In Spiritual Landscapes.*

**2516. AAG Diversity Task Force: Collaboration and Outreach (Sponsored by Association of American Geographers)**

Room: *Private Dining Room 5* (Panel Session)

ORGANIZER(S): Lawrence E. Estaville, Texas State U.; Ines M. Miyares, Hunter College  
CHAIR(S): Lawrence E. Estaville, Texas State U.

Panelists: Joe T. Darden, Michigan State U.; Ines M. Miyares, Hunter College; Christine M. Rodrigue, California State U. - Long Beach; Ray Sumner, Long Beach City College, California; Patricia Solis, Association of American Geographers; Karen Johnson-Webb, Bowling Green State U.; Mark J. Bouman, Chicago State U.

**2517. Climate Change**

Room: *Private Dining Room 6* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Michael A. Palecki, Midwestern Regional Climate Center

3:00 William E. Easterling\*, Pennsylvania State U., *Path Dependence and Adaptation of Cropping Systems to Climate Change.*

3:20 Jie Song\*, Northern Illinois U., *The Hidden Half of Vegetation in the Climate Modeling.*

3:40 Jason Allard\*, Southeast Regional Climate Center; Barry D. Keim\*, Louisiana State U., *Spuriously Induced Temperature Trends in the Southeast United States.*

4:00 David M. Brommer\*, Arizona State U., *Secular Trends in Precipitation Duration.*

4:20 Michael A. Palecki\*, Midwestern Regional Climate Center, *U.S. Heat Waves, Cold Waves, and Heavy Precipitation Events in the 19th Century.*

**2518. Connections and Contrasts: Technology Industry Development in Mainland China and Taiwan (Sponsored by Economic Geography Specialty Group, China Specialty Group, Asian Geography Specialty Group)**

Room: *Private Dining Room 7* (Paper Session)

ORGANIZER(S): Yehua Dennis Wei, U. of Wisconsin-Milwaukee; Yu Zhou, Vassar College

CHAIR(S): Dr. Danlin Yu, Department of Earth and Environmental Studies, Montclair State U.

3:00 Canfei He\*, Peking U.; Yehua Dennis Wei, U. of Wisconsin-Milwaukee, *Geographic Concentration and Specialization of Manufacturing Industries in China.*

3:15 Yu Zhou, associate professor\*, Vassar College; Jinn-Yuh Hsu, associate professor, National Taiwan U., *Divergent engagements: Comparing the roles and strategies of Taiwan and mainland Chinese expatriate entrepreneurs in the information technology industry.*

3:30 Jun Zhang\*, U. of Minnesota, *Punctuated Coevolution of Internet Clusters with Their Environments: Beijing vs. Shanghai.*

3:45 You-Ren Yang\*, Hu Wen, *The Governance of Global Production Networks and Regional Development.*

4:00 I-Jhy Su\*, You-Ren Yang, *Toward reversed spillover? The learning dynamics of TFT-LCD cluster in Tainan, Taiwan.*

**2519. Sediment Transport in Fluvial Systems II (Sponsored by Geomorphology Specialty Group)**

Room: Private Dining Room 8 (Paper Session)

ORGANIZER(S): Michael Slattery, Texas Christian U.

CHAIR(S): Michael Slattery, Texas Christian U.

**3:00** Scott Lecce\*, East Carolina U.; Erica Kotecki, East Carolina U., *The 1999 Flood of the Century: Extraordinary Hydro-meteorological Event or Human-induced Catastrophe?*.

**3:20** John M. Faustini\*, Oregon State U.; Peter Leinenbach, USEPA, Region 10; Philip R. Kaufmann, USEPA, Western Ecology Division, *Assessing Sediment Sources and Impacts in Wadeable Streams in the John Day Basin, Oregon*.

**3:40** Michael C Slattery\*, Texas Christian U.; John Walden, U. of St. Andrews; Jonathan D Phillips, U. of Kentucky, *Environmental Magnetic Analysis of Sediment Samples From the Lower Trinity River, Texas, USA*.

**4:00** Mark Alan Fonstad, Assistant Professor\*, Texas State U., San Marcos, *Spatial Maps of River Hydrodynamics Produced by the Unification of Remote Sensing and Cellular Automata Modeling*.

**4:20** Allan James\*, U. of South Carolina; Darrell Glen Watson, U. of South Carolina, *LIDAR Map Data for Delineating Channel Headwater Networks but Not for Sediment Budgets*.

**2520. Economic Geography: Eastern and Northern Europe**

Room: Private Dining Room 9 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Prof. Mari Vaattovaara

**3:00** Dominique Vanneste\*, Catholic U. of Leuven, Institute for Social and Economic Geography, *Networks and networking in the tourism sector (case: Flanders - Belgium)*.

**3:20** Petr Pavlinek\*, U. of Nebraska at Omaha, *Restructuring of the Polish Passenger Car Industry through Foreign Direct Investment*.

**3:40** Igor V. Pilipenko, Ph.D.\*, Lomonosov Moscow State U., *Competitiveness and spatial forms of production organisation in Russia*.

**4:00** Yelizaveta Skryzhevskaya, Ph.D. Candidate\*, U. of Idaho; Harley Johansen, Ph.D., U. of Idaho; David Hinkle, Ph.D. student, U. of Idaho, *Regional Inequality and Economic Development in Ukraine*.

**4:20** Mari Vaattovaara\*, U. of Helsinki, *ICT based economic growth and new social and spatial divisions in Helsinki, Finland*.

**2522 Geography and Drug Addiction Posters**

Room: Red Lacquer (Posters will be on display all day from 8:00am-5:00pm. Authors will be available for discussion from 3:00pm-4:00pm)

ORGANIZER(S): AAG and NIDA

CHAIR(S): Wilson Compton, NIDA, Yonette Thomas - NIDA

**3:00 - 4:00** Poster Discussion

Bruce Anderson, U. of Maryland at Baltimore, Scott Jeffrey, *Use of Poison Center Data and GIS Tools to Identify Substance Abuse Trends in Maryland*.

Mathew Archibald, Emory U., *Exploring the Effects of Disparities in Substance Abuse Treatment Provision: An Organizational Model*.

- Aniruddha Banerejee, Prevention Research Center, Carol Cunradi, Prevention Research Center, Robert I. Lipton, Prevention Research Center, June Fisher, U. of California School of Medicine – San Francisco, Niklas Krause, U. of California School of Medicine – San Francisco, *Does Place of Residence Moderate the Consequences of Drinking and Smoking in a Blue Collar Cohort? - A Case Study of San Francisco Urban Transit Operators.*
- Meagan Cahill, The Urban Institute, Nancy LaVigne, The Urban Institute, *Reentry and Residential Mobility in San Diego: Drug Use and Implications for Policy.*
- Luc de Montigny, U. of Washington, *Measuring the Relationship Between the Built Environment and Discarded Syringes in Montreal, Canada.*
- Aimee Ferraro, U. of Colorado at Denver, *The Geographic Distribution of Methamphetamine Laboratory Investigations in North Metro Denver.*
- Samuel R. Friedman, National Development and Research Institutes, Joanne Brady, National Development and Research Institutes, Barbara Tempalski, National Development and Research Institutes, Hannah L.F. Cooper, National Development and Research Institutes, Karla Gostnell, National Development and Research Institutes, Moriah M. McGrath, National Development and Research Institutes, Risa Friedman, National Development and Research Institutes, Spencer Lieb, Florida Department of Health, Peter Flom, National Development and Research Institutes, Don C Des Jarlais, National Development and Research Institutes and Beth Isreal Medical Center, *Temporal Patterns of Injection Drug Use and of Related Infectious Disease and Services in Large US Metropolitan Areas 1993 – 2003.*
- Traci Green, Yale U. School of Public Health, *Substance Abuse Center Clients in Katrina- and Rita-Affected Areas: an Application of GIS to Hurricane Recovery Planning.*
- David Huskins, U. of Akron, *Demographic and Spatial Variations in Outcomes for a School Based Substance Abuse Intervention.*
- Craig Laing, U. of Tennessee at Chattanooga, *Meth in the Mountains: Methamphetamine's Growth in Appalachia.*
- Dave Lemberg, Western Michigan U., *The Random Field Drug Testing Problem.*
- Yongmei Lu, Texas State U. – San Marcos, *Detecting the Dynamics of Drug Offenses Through Analyzing the Spatiotemporal Relationships Between Drug Offenses and Property Crimes.*
- Michael Mason, Villanova U., Ivan Cheung, AAG, Leslie Walker, Georgetown U. Medical Center, *Creating a Geospatial Database of Risks and Resources to Explore Urban Adolescent Substance Use.*
- Cynthia Pope, Central Connecticut U., *Beyond Etiology: Geography's Contributions to Understanding and Preventing HIV and Hepatitis C risk in Injection Drug Users.*
- Michele Shedlin, U. of Texas at El Paso, Rita Arauz, Fundación Nimehuatzin, Pascual Ortells, Fundación Nimehuatzin, Mariana Aburto, Fundación Nimehuatzin, Danilo Norori, Fundación Nimehuatzin, *Exploratory Studies of Drug Use and HIV Risk in Nicaragua.*
- Jodie Trafton, Veteran Health Administration, Bruce Ripley, Veteran Health Administration, Dee Ramsel, Veteran Health Administration, Daniel Kivlahan, Veteran Health Administration, Jim Schaefer, Veteran

Health Administration, *Geographic Information System Analyses: Evaluating Whether Increased Access to Specialty Care Impacts Substance Use Disorder (SUD) Treatment Retention*.  
 Vladimir Yasenovsky, U. of Alberta, *Neighborhood Spatial Accessibility to Alcohol and Gambling Opportunities in Edmonton, Canada*.

**2522. Geography & Drug Addiction Symposium: Discussion, Conclusion and Next Steps**

*Room:* Red Lacquer (Paper Session)  
 ORGANIZER(S): AAG and NIDA  
 CHAIR(S): Wilson Compton, NIDA, Yonette Thomas - NIDA  
**3:00** Poster viewing and discussion  
**4:00** Discussion, *Developing Research Agenda*.

**2524. Employment as a Biogeographer: Prospects, Insights, and Advice (Sponsored by Biogeography Specialty Group)**

*Room:* Private Dining Room 17 (Panel Session)  
 ORGANIZER(S): Chad S. Lane, U. of Tennessee  
 CHAIR(S): Chad S. Lane, U. of Tennessee  
 Panelists: Kimberly Medley, Miami U. Ohio; James H. Speer, Indiana State U.; Dr. Karen Arabas, Willamette U.; R Matthew Beaty, CSIRO Sustainable Ecosystems; Shelly A. Rayback, U. of Vermont

**2527. Climatology**

*Room:* Adams Ballroom (Poster Session)  
 ORGANIZER(S): Program Committee  
 Yuk Yee Yan\*, Hong Kong Baptist U., *A Study of Summer Human Thermal Stress in Hong Kong*.  
 Gregory A Wassel\*, U. of Georgia; Thomas L Mote, U. of Georgia, *Convective snowfall events and their characteristics from 1961-2003 in the continental United States*.  
 Grady Dixon\*, Mississippi State U., *Effectiveness of using CAPE and Precipitable Water to predict summer precipitation and severe weather in Arizona*.  
 John Dale Frye\*, Climate Research Lab, Department of Geography, U. of Georgia; Joshua David Durkee, Climate Research Lab, Department of Geography, University of Georgia, *Effects of the North Atlantic Oscillation on the Hydroclimate of the Eastern United States*.  
 Thomas B. Williams\*, Western Illinois U., *Impacts of Hurricanes Dennis and Rita on rainfall in Illinois in the record-setting year 2005*.  
 Jenni Van Ravensway\*, Michigan State U.; Julie Winkler, Michigan State U.; Jeanne Bisanz, Michigan State U.; Kerk Piromposo, Michigan State U.; Galina Guentchev, Michigan State U.; Johnathan Clark, Michigan State U.; Haryono Prawirana, Michigan State U.; Hai Kyung Min, Michigan State U.; Ryan Tore, Michigan State U.; Jeffrey Andresen, Michigan State U.; Costanza Zavalloni, Michigan State U.; J. Roy Black, Michigan State U., *Incorporating Climate into a Decision-Support Tool for Specialized Agriculture*.

- Donald M Yow\*, Eastern Kentucky U., *Investigating the Urban Heat Island Effect in a Small Central Kentucky Town*.
- Claudia K. Walters\*, Department of Behavioral Sciences, U. of Michigan-Dearborn; Julie A. Winkler, Michigan State U.; Jenni K. van Ravensway, Department of Geography, Michigan State U.; Lesley Fusina, Department of Geography, Michigan State U.; Ryan P. Shadbolt, Department of Geography, Michigan State U., *Low-Level Jet Regions in Central North America*.
- Karen Andsager\*, Illinois State Water Survey; Steve Doty, Doty Data Services; Glen Conner, Western Kentucky U.; Gary Grice, National Weather Service, retired, *Station Histories of Early Weather Observations in the United States*.
- Will Hobbs\*, UCLA Department of Geography, 1255 Bunche Hall, Los Angeles, CA 90095; Marilyn Raphael, UCLA Department of Geography, 1255 Bunche Hall, Los Angeles, CA 90095, *The Dynamics of late 20th Century Changes in the Southern Hemisphere Circulation*.
- ANDREW AUGUSTINE\*, Louisiana State U., *Tropospheric ozone variation within the boundary layer over Baton Rouge, LA*.
- Rafique Ahmed\*, U. of Wisconsin La Crosse; Rafique Ahmed, Professor, U. of Wisconsin-La Crosse, *Patterns of Daily Rainfall in Summer at Selected Stations in South Korea*.
- Jeremy E. Diem\*, Georgia State U., *Impacts of urbanization on land-atmosphere carbon exchange within a U.S. metropolitan area*.
- Christopher J. Schroer, State U. of New York Environmental Sciences and Forestry; Susan W.S. Millar\*, Syracuse U.; David A. Call, Syracuse U., *Spatial characteristics of trends in New York State seasonal snowfall and variability*.
- Jerry Donald Underwood\*, *Climate Variability & Its Role in Adaptive Capacity*.
- Franco Biondi, Ph.D., U. of Nevada - Reno; Scotty Strachan, U. of Nevada - Reno; Leia Jamieson\*, U. of Nevada - Reno, *Pyroclimatic Hypothesis for Mt. Irish, Nevada, Derived from Tree-Ring Records*.
- Soren Hall\*, Northern Illinois U., *Urban Sprawl: Impacts on the Tornado Hazard in northeast Illinois*.
- Randall S. Cerveny\*, Arizona State U., *Extreme Weather Record Compilation, Verification and Publication*.
- Rebecca Parylak Brown\*, Texas State U.-San Marcos, Texas; Richard W. Dixon, Ph.D., Texas State U.-San Marcos, Texas, *Climatology of Severe and Violent Tornadoes in Southern Texas*.
- Stacy Randolph\*, U. of Utah; Andrea R. Brunelle, PhD, U. of Utah, *Paleoecological reconstruction of the Range Creek site, UT.*
- Anna E Klene\*, U. of Montana; Deana A DeWire, U. of Montana, *Study design and initial results of a climate network, Missoula Valley, Montana*.
- Matthew G Asplin, BSc.\*, U. of British Columbia; Kerstin Stahl, PhD, U. of British Columbia; Ian G McKendry, PhD, U. of British Columbia; R. D. Moore, PhD, U. of British Columbia, *The Synoptic Climatology of British Columbia: ENSO and PDO teleconnections as a source of "within-type" precipitation variability*.
- Adam Keeley\*, Middle Tennessee State U.; Hari Garbharran, PhD, Professor of Geography, Middle Tennessee State U., *Dimensions to the Problems of Hurricane Preparedness and Evacuation in the USA.*
- Belayet Khan\*, Eastern Illinois U., *Weather Patterns in Bangladesh: A Search for Anomalies*.
- F Benjamin Zhan\*, Texas State U.-San Marcos; Xuwei Chen, Texas State U.-San Marcos; John Meaker, Texas State U.-San Marcos, *Agent-Based Modeling and Analysis*

*of Hurricane Evacuation Procedures for the Florida Keys.*

Fuyuan Liang\*, Department of Geography, U. of Georgia, Athens, GA 30602; George A. Brook, Department of Geography, U. of Georgia, Athens, GA 30602, *Variations in Asian Monsoon Strength during the Holocene: Stalagmite Evidence from Guizhou Province, China.*

**2528. GIS Cognition**

*Room:* Parlor A (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Sumeeta Srinivasan, Harvard U.

**3:00** Max Baber, Ph.D., FBCart.S\*, Samford U.; James S. Brown, Ph.D., Samford U., *Forward into the Past: Geographic Visualization Enlivens History Education with Dynamic Interactivity.*

**3:20** Michael Stryker\*, The Pennsylvania State U., *An empirical evaluation of selected approaches to the geovisualization of individual space-time signatures.*

**3:40** Jeffrey C. Patton, Ph.D.\*, U. of North Carolina Greensboro; Elisabeth S. Nelson, Ph.D., U. of North Carolina Greensboro; Rick L. Bunch, Ph.D., U. of North Carolina Greensboro; Roberta Williams, M.A., U. of North Carolina Greensboro, *The Map Prototype: Experts and Novices.*

**4:00** Jill Black, Ph.D.\*, Missouri State U., *Spatial Ability and Physical Geography Concept Understanding: Relationship of Three Spatial Ability Factors and Individual Items on a Test of Concept Understanding.*

**4:20** Sumeeta - Srinivasan, -\*, Harvard U., *Teaching Spatial Analysis in a non-traditional application environment.*

**2529. Knowledge Ecologies**

*Room:* Parlor B (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Louis Awanyo, U. of Regina

**3:00** Ligia C Lundine\*, The Ohio State U., *Freedom Pipes and Slavery Buckets: Q'eqchi' Women's Livelihood Strategies in Guatemala.*

**3:20** Kenji K. Oshiro\*, Wright State U., *Communal Land Tenure: A Comparative Approach.*

**3:40** Christine Mathenge\*, Indiana U., *Observing Landscape Patterns and from a Land Tenure Perspective.*

**4:00** Kimberlee J Chambers, MSc., PhD candidate\*, U. of California, Davis, *Conservation of Traditional Varieties of Maize (Zea mays L.) In The Bajío of Mexico: Understanding The Importance of Landscape.*

**4:20** Louis Awanyo\*, U. of Regina, *The Partiality of Environmental Knowledge in a World Biodiversity Hotspot in Ghana.*

**2530. From the periphery to the center of attention? The evolving place of Africa in World Politics (Sponsored by Africa Specialty Group)**

*Room:* Parlor C (Paper Session)

ORGANIZER(S): Veit Bachmann

CHAIR(S): Veit Bachmann

**3:00** Padraig R. Carmody, Ph.D.\*, St. Patrick's College, Drumcondra; Francis Owusu, Ph.D., Iowa State U., *Competing Hegemons: American versus Chinese Geoeconomic Strategies in Africa.*

**3:20** Veit Bachmann\*, Texas A&M U., *Stepchild or Valued Neighbor? Africa's relations with Germany and Europe after the Cold War.*

**3:40** Seth Appiah-Opoku, Dr.\*, U. of Alabama, *African Economic Integration in the New World Order: Prospects and Challenges.*

**4:00** Adam Parrillo, PhD(ABD)\*, U. of Cincinnati, *Riding the Wave to Africa: A Geographer's Experience in Organizational Outreach.*

Discussant(s): William G. Moseley, Macalester College

**2531. Cultural Politics of the Environment in the Asian city (Sponsored by Cultural and Political Ecology Specialty Group, Cultural Geography Specialty Group, Asian Geography Specialty Group)**

*Room:* Parlor D (Paper Session)

ORGANIZER(S): Mr. Bharat Punjabi, U. of Western Ontario

CHAIR(S): Vinay K. Gidwani, U. of Minnesota

**3:00** Bharat Khushal Punjabi, Mr.\*, U. of Western Ontario, *Remaking the urban and the rural: Water and the political ecology of urbanization in Mumbai's fringes.*

**3:20** Sapana Doshi\*, UC Berkeley, *Eco-governmentality or Gendered Hegemony? The Politics of Participation, Displacement and Compensation in Mumbai, India.*

**3:40** Nayna Jhaveri\*, Colgate U., *Reclaiming Ecologies: Hong Kong's Right to the Harbor.*

Discussant(s): Vinay K. Gidwani, U. of Minnesota

**2532. Frontiers in Human-Environment Geography 3: Moving from Theory to Applications and Results (Sponsored by Human Dimensions of Global Change Specialty Group)**

*Room:* Parlor E (Panel Session)

CHAIR(S): Burrell E. Montz, Binghamton U.

Discussant(s): Prof. Graham A. Tobin, U. of South Florida; William D. Solecki, Hunter College; Thomas R. Loveland, United States Geological Survey

Panelists: Robert J. Neff, UMBC (U. of Maryland, Baltimore County); Dr. Karen O'Brien, U. of Oslo; David L. Carr, UC Santa Barbara

**2534. Peruvian Landscapes II: religion, mining, and the new cityscape (Sponsored by Developing Areas Specialty Group, Cultural and Political Ecology Specialty Group, Latin America Specialty Group)**

*Room:* Parlor G (Paper Session)

ORGANIZER(S): Elizabeth A. Olson, Lancaster U., UK; Jeffrey Bury, San Francisco State U.

CHAIR(S): Jeffrey Bury, San Francisco State U.

**3:00** Elinore Pedro\*, Hunter College, *National Problems, Local Solutions: the Pueblos Jóvenes of Urban Peru.*

**3:20** Elizabeth A. Olson\*, Lancaster U., UK, *"Just like Switzerland?": the myth of development and construction of religious landscapes in the Southern Peruvian Andes.*

**3:40** Heidi V Scott, Dr\*, U. of Wales, Aberystwyth, *Excavating the landscape: mining and religion in early colonial Peru.*

**4:00** Guillermo Salas Carrreno, Anthropology PhD Student\*, U. of Michigan, *The changing meanings of Peruvian highlands: The imagination of the punas, mining investment and Andean pilgrimage..*

**2535. Hurricane Katrina: Lessons from the Past (Sponsored by Historical Geography Specialty Group, Hazards Specialty Group, Coastal and Marine Specialty Group)**

*Room:* Parlor H (Panel Session)

ORGANIZER(S): Jeanne Kay Guelke, U. of Waterloo

CHAIR(S): Jeanne Kay Guelke, U. of Waterloo

Panelists: Joby Bass, U. of Southern Mississippi; Craig Colten, Louisiana State U.; Dr. Taylor E. Mack, Mississippi State U.; Cary J. Mock, U. of South Carolina

**2537. Conceptualizing Participatory GIS Activities (Sponsored by Geographic Information Science and Systems Specialty Group)**

*Room:* Dearborn 1 (Paper Session)

ORGANIZER(S): Timothy L. Nyerges, U. of Washington

CHAIR(S): Laxmi Ramasubramanian, Hunter College

**3:00** Wen Lin\*, U. of Wisconsin-Milwaukee; Rina Ghose, U. of Wisconsin-Milwaukee, *Complexities in Spatial Knowledge Construction in Urban Community Organizations.*

**3:20** Timothy L. Nyerges\*, U. of Washington, *Scaling Analytic-Deliberative Processes Up and Out: Grand Challenges for Public Participation GIS Research.*

**3:40** Nicholas Rattray, Geography and Anthropology\*, U. of Arizona, *Neighborhood Knowledge California: A Case Study of Web Services in Participatory GIS.*

**4:00** Michael John Patrick, M.A.\*, U. of Washington, *Deliberative GIS and the Discourse Object.*

**4:20** Daniel Weiner, Ph.D.\*, West Virginia U., *(Re)conceptualizing Participatory Geographic Information Systems.*

**2538. Forest Dynamics of Eastern North America II (Sponsored by Biogeography Specialty Group)**

*Room:* Dearborn 2 (Paper Session)

ORGANIZER(S): Charles W. Lafon, Texas A & M U.

CHAIR(S): Charles W. Lafon, Texas A & M U.

**3:00** Andrew A Millward, Ph.D.\*, George Washington U.; Clifford E Kraft, Ph.D., Cornell U.; Dana R Warren, Cornell U., *Ice damage greater in forests adjacent to rivers and lakes.*

**3:20** Kirk Marcas Stueve, PhD Student\*, Texas A&M U.; Charles Lafon, Assistant Professor, Texas A&M U.; Rachel Isaacs, MS Student, Texas A&M U., *Spatial Patterns of Ice Storm Disturbance on a Forested Landscape of the Appalachian Mountains.*

**3:40** Duane Griffin, Ph.D.\*, Bucknell U., *Isolated Appalachian Wetlands: Spatial Distribution and Implications for Amphibian Metapopulations.*

**4:00** Jennifer Hoss\*, Texas A&M U.; Charles W Lafon, Ph.D., Texas A&M U.; Henri D Grissino-Mayer, Ph.D, U. of Tennessee; Georgina D Wight, U. of Tennessee, *Rekindling the Flame: Reconstructing a fire history for Peters Mountain, Giles County, Virginia.*

**4:20** Charles W. Lafon\*, Texas A & M U.; Henri D. Grissino-Mayer, U. of Tennessee; Jennifer A. Hoss, Texas A&M U., *The Contemporary Fire Regime of the Central Appalachian Mountains: Fire Characteristics, Climatic Relationships and Spatial Variations.*



**2539. Advances in Paleoclimatology IV (Sponsored by Climate Specialty Group, Biogeography Specialty Group, Cryosphere Specialty Group)***Room: Dearborn 3 (Paper Session)*

ORGANIZER(S): Kevin John Anchukaitis, U. of Tennessee; Andrea Brunelle, U. of Utah

CHAIR(S): Prof. Bryan Shuman, U. of Minnesota

**3:00** Kurt F. Kipfmüller\*, U. of Minnesota, *Shifting growth response of subalpine conifers in the Northern Rocky Mountains: An assessment of potential mechanisms.***3:20** Stephen Gray\*, USGS Tucson; Gregory Pederson, Montana State U.; Julio Betancourt, USGS Tucson; Lisa Graumlich, Montana State U., *New approaches for isolating the climate/growth signal of millennial Pinus chronologies from the Northern Rocky Mountains, USA.***3:40** Eugene R Wahl\*, Alfred U., *Stability of Empirical-Analytical (Empirical Orthogonal Function—EOF) Climate Modes.***4:00** Noah S. Diffenbaugh\*, Department of Earth and Atmospheric Sciences, Purdue U., *High-Resolution Paleoclimate Modeling.***4:20** Patrick J. Bartlein\*, U. of Oregon, *Climate modes: How many are there, are they stable, and does it make sense to use them in interpreting paleoclimatic variations?.***2541. Mapping Disease***Room: Clark 1 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Ling Bian, SUNY At Buffalo

**3:00** Stephen Yool, Ph.D.\*, U. of Arizona, *A Remote Sensing Concept for Mapping Parameters of Infectious Disease.***3:20** Julienne R. Gard\*, California State U., Long Beach, *Healthy Cartographies: the Social Implications of Disease Mapping.***3:40** Peng Gong\*, U. of California - Berkeley; Bing Xu, U. of Utah, *Infectious diseases transmission and globalization.***4:00** Hilary Jump\*, U. of North Texas, *A geographical approach to examining the difference in economic status of Foreign-Born and Native-Born tuberculosis patients by zip codes in Tarrant County.***4:20** Ling Bian\*, SUNY At Buffalo, *A comparison of spatial modeling approaches to the dispersion of infectious diseases.***2543. Remote Sensing of the Cryosphere (Sponsored by Cryosphere Specialty Group, Remote Sensing Specialty Group)***Room: Clark 3 (Paper Session)*

CHAIR(S): Richard R. Forster, U. of Utah

Introducer: Richard R. Forster

**3:05** Hengchun Ye\*, California State U. - Los Angeles; Eric F. Fetzer, JPL, California Institute of Technology; S-Y Lee, JPL, California Institute of Technology; E. T. Olsen, JPL California Institute of Technology; S-Y Granger, JPL, California Institute of Technology; B H. Lambrigtsen, JPL, California Institute of Technology; L Chen, JPL, California Institute of Technology, *Arctic Atmospheric and Climatic Information Provided by AIRS.*

- 3:20 Jeffrey Adam VanLooy\*, U. of Utah; Richard R Forster, Ph.D., U. of Utah, *Comparison of glacial changes between the Harding and Juneau Icefields, Alaska 1950 - 2000, using remote sensing techniques.*
- 3:35 Andrew G Klein\*, Texas A&M U.; Joni L Kincaid, Texas A&M U., *Glacier change in the Rwenzori Mountains, East Africa, from 1987 to 2005 as measured from Landsat and ASTER satellite images.*
- 3:50 Richard R. Forster\*, U. of Utah; Andrew L Ford, U. of Utah; Ronald L Bruhn, U. of Utah; Jeanne Sauber, NASA-Goddard, *Surface elevation changes on the Bering Glacier, Alaska.*
- 4:05 SHENG-JUNG TANG\*, Texas A&M U.; Hongxing Liu, Texas A&M U.; Kenneth C. Jezek, Ohio State U., *Investigation of Coastal Dynamics of the Antarctic Ice Sheet using Sequential Radarsat SAR Images.*
- 4:20 Elias Deeb\*, U. of Utah; Richard R Forster, U. of Utah, *Monitoring Alaskan snow pack with InSAR.*

**2545. Existential Ecotones in the American Southwest**

Room: Clark 5 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Rachel Bryson, Montana State U., Bozeman

3:00 Jacob R Sowers\*, Kansas State U., *Wonder Valley: A Place In-Between.*3:20 Rex Rowley\*, The U. of Kansas, *A Changing Las Vegas Community: The Coming of Hoover Dam.*3:40 Rachel Russell\*, Arizona State U., *Development in the Desert: Iconography of the Tempe Town Lake.*4:00 Toni A. Alexander\*, Auburn U., *Fruit Tramps Who Go To and Fro: The Threat of Mobility from the Fields of California.*4:20 Rachel Bryson\*, Montana State U., Bozeman, *Chasing the Dream: Narratives of Movement and the Construction of Region in California's Great Central Valley.***2546. Political Ecologies of Knowledge, Science and technology IV: A Panel Discussion (Sponsored by Cultural and Political Ecology Specialty Group, Indigenous Peoples Specialty Group, Qualitative Research Specialty Group)**

Room: Clark 7 (Panel Session)

ORGANIZER(S): Mara Jill Goldman, U. of Wisconsin-Madison; Dianne E. Rocheleau, Clark U.

CHAIR(S): Mara Jill Goldman, U. of Wisconsin-Madison

Introducer: Mara Jill Goldman

Panelists: Peter Taylor, U. of Massachusetts; Marla Emery, USDA Forest Service; Karl Zimmerer, U. of Wisconsin-Madison; Dianne E. Rocheleau, Clark U.; Peter Brosius, U. of Georgia

**2548. Remote Sensing in Climatology**

Room: Clark 9 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mark D. Schwartz, U. of Wisconsin - Milwaukee

3:00 Jun Yan\*, Western Kentucky U.; Stuart Foster, Western Kentucky U., *Spatio-Temporal Dynamics of the Drought: A case study in Kentucky.*3:20 Anita Walz, Ph.D.\*, Marshall U., *The Influence of Trees in Residential Neighborhoods on Pavement Temperature.*

**3:40** Donna A. A Hartz, MA\*, Arizona State U., *Use of hand-held thermographic (infrared) images to compare urban and suburban surface materials' cooling rates.*

**4:00** Liang Liang\*, U. of Wisconsin-Milwaukee; Mark D. Schwartz, U. of Wisconsin-Milwaukee, *Integrating In-situ and Remote Sensing Phenological Observations at the Community Level.*

**4:20** Mark D. Schwartz\*, U. of Wisconsin - Milwaukee; Liang Liang, U. of Wisconsin - Milwaukee, *Separating Climate from Other Factors Influencing Spring's Onset.*

**2549. International Collaborative Projects in Higher Education: Lessons Learned (Sponsored by International Network for Learning and Teaching Geography in Higher Education)**

*Room:* Clark 10 (Panel Session)

Discussant(s): Prof. Eric Pawson

Panelists: Gil Latz, Portland State Univ; Janet Smith, Shippensburg U.; Karl Donert; Joseph J. Kerski, United States Geological Survey; Eric J. Fournier, Samford U.; Ms. Carolyn Roberts

**2550. Music Geography II: The Role of Music in Identity (Sponsored by Cultural Geography Specialty Group)**

*Room:* LaSalle 1 (Paper Session)

ORGANIZER(S): Sara Beth Keough, U. of Tennessee; Ola Johansson, U. of Pittsburgh at Johnstown

CHAIR(S): Sara Beth Keough, U. of Tennessee

**3:00** Olaf Kuhlke\*, U. of Minnesota - Duluth, *Rhymes, Riches and Rubble: Rap Music and the Construction of Regional Identities in Germany.*

**3:20** Sara Beth Keough\*, U. of Tennessee, *Music and National Identity: Interpretations of "the local" from Music Radio Broadcasts in St. John's, Newfoundland.*

**3:40** John R. Gold, Dr\*, Oxford Brookes U., *Contesting The Coast: the British Musical Renaissance, the Radio Ballads, and Representations of Landscape and Identity.*

**4:00** Tim Rowe\*, U. of California - Berkeley, *Know Your Place: Creating Rural Music in the Urban South 1913-1935.*

Discussant(s): Andrew Leyshon, U. of Nottingham

**2551. Beijing + 10—Part II: Are we There, Yet? (Sponsored by Geographic Perspectives on Women Specialty Group, Ethics, Justice, and Human Rights Specialty Group, Regional Development and Planning Specialty Group)**

*Room:* LaSalle 2 (Panel Session)

ORGANIZER(S): Vandana Wadhwa, U. of Akron

CHAIR(S): Vandana Wadhwa, U. of Akron

Panelists: Marion Pratt, USAID; Mary Njeri Kinyanjui, Nairobi U.-IDS; Dr. Lalita Sen, Texas Southern Univ; Vandana Wadhwa, U. of Akron

**2552. GSAG Student Paper Competition (Sponsored by Graduate Student Affinity Group)**

Room: LaSalle 3 (Paper Session)

ORGANIZER(S): L Jesse Rouse, West Virginia U.; Susan J. Bergeron, West Virginia U.

CHAIR(S): L Jesse Rouse, West Virginia U.

**3:00** Barbara John\*, U. of North Carolina at Charlotte, *Zoning and Density: Examining Patterns of Development in Charlotte, NC.*

**3:20** Ranbir Singh Kang\*, Oklahoma State U.; Richard A Marston, Kansas State U.; Daniel E Storm, Oklahoma State U., *Geomorphic Impacts of Urbanization in two watersheds.*

**3:40** E. Spencer Fleury\*, U. of South Florida, *Fisheries Regulation and New England's Local Economies: Evidence from a Natural Experiment.*

**4:00** Mette Fog Olwig\*, Clark U., *Using Remote Sensing to Assess the Protective Role of Coastal Vegetation against Tsunami Waves.*

**2553. Sprawl II**

Room: LaSalle 4 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Ms. Mikaila Bell, U. of Miami

**3:00** Megan Peguero\*, Department of Geography & Environmental Engineering, United States Military Academy, West Point, *Farmland Loss in Suffolk County, Long Island.*

**3:20** Hyowon Ban, Ph.D. Student\*, CURA and the Department of Geography, The Ohio State U.; Darla K. Munroe, Assistant Professor, The Department of Geography, The Ohio State U., *Multiscale Hazard Models of Exurban Land Markets in Ohio.*

**3:40** Annalie Campos, Graduate Student\*, Michigan State U., *Exploring the influence of state transportation spending on the growth pattern of Detroit, 1950-2000.*

**4:00** Brian L. Crawford, PhD\*, West Liberty State College, *Depopulation and Landscape Change in Ohio County, West Virginia.*

**4:20** Mikaila Bell\*, U. of Miami, *Miami's Urban Development Boundary.*

**2554. Geographic Patterns in Brazil**

Room: LaSalle 5 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Daniela Vizcaino

**3:00** Caru Bowns\*, Pennsylvania State U., *"Comunidade Solidária": One Vision of Community, Solidarity and Civil Society in Brazil.*

**3:20** Manoela Guidorizzi Borges\*, U. of Colorado, *Property Rights in the Discourse of Citizenship: Urban Upgrading in Rio de Janeiro's Shantytowns.*

**3:40** Jeff Garmany\*, U. of Arizona, *"Altered Representations of Space: A socio-spatial analysis of O Movimento dos Trabalhadores Rurais Sem Terra in Ceará, Brazil".*

**4:00** Daniela Vizcaino, MEdSc\*, Wildlife Conservation Society, *Being a patron for conservation: The impact of a small NGO on rural farmers in Southern Bahia, Brazil.*

- 2556. Culture and Economy in the European City-Region II (Sponsored by European Specialty Group, Urban Geography Specialty Group)**  
**Room:** Sandburg 2 (Paper Session)  
 ORGANIZER(S): David L. Prytherch, Miami U.; Malcolm Alan Compitello, U. of Arizona  
 CHAIR(S): Josep-Vicent Boira-Maiques  
**3:00** NURIA VALDOVINOS\*, Universidad Autónoma de Barcelona- Spain, *Ethics and esthetics or the postmodern conditions of Spanish urban development.*  
**3:20** Malcolm Alan Compitello\*, U. of Arizona, *Crossing the Great Divide (Again?): Making the Real Imaginary in Cultural Production Dealing with Madrid..*  
**3:40** Antonia Casellas\*, College of Architecture and Planning, U. of Utah, *New Economy and Inner City Regeneration: the Case of Barcelona (Spain).*  
**4:00** Susan Larson\*, U. of Kentucky, *Cultural and Economic Approaches to the Selling of Socialist Madrid, 1982-88: Toward a Working Theory of Spatial and Cultural Practice.*
- 2557. Geographies of Relational Thinking**  
**Room:** Sandburg 3 (Paper Session)  
 ORGANIZER(S): Deborah Dixon; Michael Woods, U. of Wales Aberystwyth  
 CHAIR(S): Deborah Dixon  
 Introducer: Michael Woods  
**3:20** Theodore Schatzki\*, Philosophy, U. of Kentucky, *Social Timespace.*  
**3:40** Nigel J. Thrift\*, U. of Oxford, *Affecting Relations.*  
 Discussant(s): John Paul Jones, III, U. of Arizona
- 2558. New Approaches to Creating More Ecological Cities: Session II**  
**Room:** Sandburg 4 (Panel Session)  
 ORGANIZER(S): Rutherford H. Platt, U. of Massachusetts  
 CHAIR(S): Rutherford H. Platt, U. of Massachusetts  
 Panelists: James Wescoat, U of Illinois, Urbana-Champaign; Christopher Anthony De Sousa, U. of Wisconsin - Milwaukee; Ms. Laurin Noel Sievert, U. of Massachusetts, Amherst; James A. Schmid, Schmid & Company Inc; Mary Ann Cunningham, Vassar College; Jennifer Blecha, U. of Minnesota
- 2559. SAM Student Paper Competition II (Sponsored by Spatial Analysis and Modeling Specialty Group)**  
**Room:** Sandburg 5 (Paper Session)  
 ORGANIZER(S): Fahui Wang, Northern Illinois U.  
 CHAIR(S): Fahui Wang, Northern Illinois U.  
**3:00** Tawan Banchuen\*, Student, *Spatial Analog Identification for Climate Change Assessment and Planning.*  
**3:20** Shing Lin\*, Department of Geography and Planning, TX State U., *Spatial Analysis and Modeling of Air Pollution Environmental Equity in the Houston-Galveston Area of Texas.*  
**3:40** Yang Yue\*, The U. of Hong Kong, *Spatial-temporal Dependency of Traffic Flow and Its implications for short-term traffic forecasting.*  
**4:00** Marco Millones\*, Clark U., *Settlement Classification in Cusco, Peru.*

**2560. Virtual Watershed: A GIS-Based Watershed Management Modeling Tool (Sponsored by Urban Geography Specialty Group, Geographic Information Science and Systems Specialty Group)**

Room: Sandburg 6 (Paper Session)

ORGANIZER(S): Christopher Lant, Southern Illinois U.

CHAIR(S): Christopher Lant, Southern Illinois U.

**3:00** Christopher L Lant, Professor\*, Southern Illinois U. Carbondale, *Virtual Watershed: A GIS-Based Model for Agricultural Landscapes.*

**3:20** Monique E Buchman\*, Southern Illinois U., *Agricultural Landuse Change of Southern Illinois Big Creek Watershed.*

**3:40** Raja Sengupta, Dr.\*, McGill U., *Agents in a Virtual Watershed: Modeling agricultural policy response.*

**4:00** Vineet Yadav\*, The U. of Iowa, *Understanding Soil Carbon Dynamics in Big Creek Watershed of Souther Illinois.*

**4:20** Salahuddin M Jaber\*, Southern Illinois U. Carbondale, *Monitoring Spatial Variations in Soil Organic Carbon Using Remote Sensing and Geographic Information Systems.*

**2561. Dimensions of Population Disparities (Sponsored by Spatial Analysis and Modeling Specialty Group, Population Specialty Group, Urban Geography Specialty Group)**

Room: Sandburg 7 (Paper Session)

ORGANIZER(S): David Wong, George Mason U.; Michael Reibel, California State U.

CHAIR(S): Dr. Dawkins Casey

**3:00** Sue C. Grady, PhD\*, CUNY Graduate Center, *The Geography of Racial Disparities in Low Birthweight: New York City, 2000.*

**3:17** Casey J. Dawkins, Ph.D.\*, Virginia Tech, *Spatial Changes in Income Segregation during the 1990s.*

**3:34** Oksana Starchenko, Dr., U. of Saskatchewan; Evelyn J. Peters\*, U. of Saskatchewan, *Aboriginal Settlement Patterns in Canadian Cities: Do classic indices apply?.*

**3:51** David W Wong\*, George Mason U., *Lowering in segregation level? Where?.*

**4:08** Pablo Mateos\*, U. College London; Paul Longley, U. College London; Richard Webber, U. College London, *Measuring Spatial Segregation of Ethnic Minorities in the UK at Fine Scales and Individual Level through Family Name and Personal Name Analysis. .*

Discussant(s): William Clark, U. of California - Los Angeles

**2562. "Author meets critics": Labor movement by Harald Bauder (Sponsored by Economic Geography Specialty Group, Socialist and Critical Geography Specialty Group)**

Room: Sandburg 8 (Panel Session)

ORGANIZER(S): Michael Samers, U. of Nottingham

CHAIR(S): Michael Samers, U. of Nottingham

Panelists: Dr. Linda McDowell, U. of Oxford; Harald Bauder, U. of Guelph; Michael Samers, U. of Nottingham; Jane Wills, Queen Mary, U. of London

**2563. Giorgio Agamben, Biopolitics and the Spaces of Exception***Room: Montrose 1 (Paper Session)*

ORGANIZER(S): Claudio Minca, U. of Newcastle-Upon-Tyne

**3:00** Paolo Giaccaria\*, U. of Torino, *Dwelling upon dwelling in the threshold.**Agamben's state of exception in Mediterranean cosmopolis..***3:15** Michael Landzelius\*, Göteborg U., *In Light of Bio-power's Execution: Spatializing a Notion of 'Encamping'.***3:30** Claudio Minca, Prof.\*, U. of Newcastle-Upon-Tyne, *Agamben's Geographies.***3:45** Joshua Barkan\*, U. of Minnesota, *Between Emergency and Exception: Agamben, Crisis, and Theories of Capitalist Regulation.*

Discussant(s): Alexander P. Vasudevan, U. of Nottingham

**2564. Spatial Change in the Regional City***Room: Montrose 2 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Yuri V. Medvedkov, Ohio State U.

**3:00** Tapati Mukhopadhyay\*, *The Global City Region - Its Economic Conflict and Spatial Contradiction.***3:20** Rajiv Rawat\*, Department of Geography, York U., *Capital City Relocation and the Quest for Alternative Development.***3:40** Matthew J. Reilly, M.A.\*, U. of North Carolina at Chapel Hill, *Negotiating the Seas of Change: Urban Revitalization in Havana, Cuba.***4:00** Robert Ian Duncan\*, U. of Washington, *Beneath Transition: Contested Landscapes of the St. Petersburg subway.***4:20** Olga L Medvedkov, Wittenberg U., Springfield, OH; Yuri V. Medvedkov\*, Ohio State U., *Upscale Housing and Gated Communities in Moscow.***2565. GIS-SG Honors Student Paper Competition (Sponsored by Geographic Information Science and Systems Specialty Group)***Room: Montrose 3 (Paper Session)***3:00** Jose L. Silvan\*, Texas State U.-San Marcos; F. Benjamin Zhan, Ph.D., Texas State U.-San Marcos, *Neural network models for fuzzy spatial objects.***3:20** Jun Luo\*, U. of Wisconsin at Milwaukee, *Modeling Spatial Variations of Urban Growth Pattern.***3:40** Christopher D. Lippitt\*, Clark U., *Incorporating Human Interaction Variables in a Non-parametric Decision Support System to Predict Gypsy Moth Outbreak.***4:00** Ilyoung Hong\*, U. at Buffalo, *Landmark-Based Community Wayfinding with Partial Knowledge.***4:20** Amy C Powers\*, Univeristy of Michigan, *Developing and Testing a Model to Propagate Error in Post-Classification Change-Detection.***2569. Dynamics of Neoliberal Governance IV (Sponsored by Socialist and Critical Geography Specialty Group, Urban Geography Specialty Group)***Room: Montrose 7 (Paper Session)*

ORGANIZER(S): David Wilson, U. of Illinois; Roger Keil, York U.

CHAIR(S): David Wilson, U. of Illinois

**3:00** Camilla Perrone, Phd, Univeristà di Firenze; Giancarlo Paba, professor\*, Università degli studi di Firenze, *Strategic spatial planning in a European city.*

- 3:20 Matthias Bernt\*, Umweltforschungszentrum Leipzig; Christoph Görg, UFZ - Centre for Environmental Research, *Shrinking cities: different trajectories towards neoliberal urban governance.*
- 3:40 Ramon Ribera-Fumaz\*, Institute for Advanced Studies, *From Creative Neoliberalisation to the Rolling out of Modernisation: a Cultural Political Economy Approach to Urban Restructuring.*
- 4:00 Valeria Treves, M.A.\*, Hunter College, *Towards a Law Enforcement Technologies Complex: Situating Compstat in Neo-liberal Penalty.*
- Discussant(s): Nik Heynen, U. of Wisconsin at Milwaukee

**2570. Climitology: ENSO**

Room: *Burnham 1* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mr. James Tamerius, U. of Arizona

- 3:00 James Zoulas\*, U. of California; Anthony R. Orme\*, U. of California, *Long-term beach behavior in a California littoral cell: Random or cyclic?.*
- 3:20 Gregory V Jones, Ph.D., Southern Oregon U.; Gregory B Goodrich, Ph.D.\*, Western Kentucky U.; James A Miller, M.A., Arizona State U., *Influences of Climate Variability on the U.S. West Coast Wine Regions and Wine Quality in the Napa Valley.*
- 3:40 Jill S. M. Coleman\*, The Ohio State U., *An upper-air synoptic climatology of the central United States and associations with teleconnection pattern frequency.*
- 4:00 Michael Fisherow\*, George Washington U., *Examining Precipitation Variability of the Eastern United States Using Spatial Statistics.*
- 4:20 James Derek Tamerius\*, U. of Arizona; Andrew Comrie, Ph.D, U. of Arizona, *Spatial Inhomogeneities in Winter Precipitation Anomalies in Southwestern .*

**2571. Geography in the Field: Service Learning Experiences (Sponsored by Geography Education Specialty Group)**

Room: *Burnham 2* (Paper Session)

ORGANIZER(S): Elizabeth A. Fraser, SUNY Cortland

CHAIR(S): Elizabeth A. Fraser, SUNY Cortland

- 3:00 Janet Puhalla\*, Missouri State U., *Notes from the field: student responses to a field study in Tanzania.*
- 3:20 Elizabeth A. Fraser, Assistant Professor\*, SUNY Cortland, *Taking Urban Geography to the Streets: Service Learning in Cortland, New York.*
- Introducer: Melody Warren
- 3:50 Jeffrey W. Lash\*, U. of Houston Clear Lake, *Gallo Pinto and Tears: Undergraduate Experiential Learning in Costa Rica.*
- Discussant(s): Melody Warren, Texas State U. - San Marcos



**2573. Spoils of war: private military corporations and the commercialization of conflict (Sponsored by Political Geography Specialty Group, Military Geography Specialty Group)**

*Room:* *Burnham 4* (Panel Session)

ORGANIZER(S): Guntram Herb, Middlebury College; Christian Allen, U. of Georgia

CHAIR(S): Guntram Herb, Middlebury College

Panelists: Amy Ross, U. of Georgia, Athens; Steven Oluic, USMA; Guntram Herb, Middlebury College; Christian Allen, U. of Georgia; Michelle Goracke

**2574. Vulnerability and Risk Analysis for Decision-Making: Can a National Strategy be Developed?**

*Room:* *Burnham 5* (Panel Session)

ORGANIZER(S): Carl Shapiro, United States Geological Survey

CHAIR(S): Carl Shapiro, United States Geological Survey

Introducer: Susan L. Cutter

Panelists: Rich Bernknopf, United States Geological Survey; Nathan Wood, United States Geological Survey; Carl Shapiro, United States Geological Survey

**WEDNESDAY, MARCH 8**

**5:00 PM - 6:50 PM**

**2600**

**7:00 PM - 8:00 PM**

**2700**

**5:00 p.m. – 6:50 p.m.**

**2621. The AAG's Presidential Plenary Session, Geography: the Original Integrated Environmental Science**

*Room: Grand Ballroom (Paper Session)*

The Presidential Plenary session on "Geography: the Original Integrated Environmental Science," organized by AAG President Richard A. Marston, will be held Wednesday, March 8 at 5:00 p.m. Four outstanding scholars will present examples and general observations on how concepts from both human and physical geography relate to solving complex environmental problems.

Introduction: Richard A. Marston, AAG President; Kansas State U.

Speakers: Stephen J. Walsh\*, Univ of North Carolina, *Pattern-Process Relations in Coupled Human-Natural Systems: Reflections on Theories, Frameworks, and Perspectives*.

Carol P. Harden\*, U. of Tennessee, *Dirt and Context*.

Jean-Paul Bravard\*, L'Universite Lumiere-Lyon, *Bridging Physical and Human Dimensions of Geography Through Geo-Historical Approaches: Some Examples From France*.

Dawn J. Wright, Ph.D.\*, Oregon State U., *Geographers in Charted and Uncharted Waters*.

Billie L. Turner\*, Clark U., *Land Change Science: Reinventing Landschaft?*.

**7:00 p.m. – 8:00 p.m.**

**2735. Geography and History: Why They Need Each Other (Sponsored by Historical Geography Specialty Group, Cultural Geography Specialty Group)**

*Room: Parlor H (Panel Session)*

Panelists: William J. Cronon, U. of Wisconsin

**WEDNESDAY, MARCH 8**

**7:30 PM - 10:30 PM**

**9:00 PM - 12:30 AM**

**7:30 p.m. – 10:30 p.m.**

**World Geography Bowl**

*Room: Various*

See page 42 for details.

**9:00 p.m. – 12:30 a.m.**

**AAG Regional Film Series**

*Room: Grand Ballroom*

Organizer: Douglas Richardson, Association of American Geographers

High Fidelity 113min (2000) 9:00 p.m.

In this hip comedy about the fear of commitment, hating your job, and falling in love, Rob (John Cusack), a record store owner and compulsive list maker, recounts his top five breakups, including the one in progress. Also features Jack Black, Catherine Zeta-Jones, Joan Cusack, and Tim Robbins.

The Fugitive 127min (1993) 10:55 p.m.

In this great action flick, Dr. Richard Kimble (Harrison Ford), accused of killing his wife, must find the real one-armed killer while avoiding Marshal Sam Gerard (Tommy Lee Jones). Joe Pantoliano and Sela Ward also star.



# THURSDAY

**New for 2006: Presenting author(s) are indicated  
with an asterisk (\*).**

**8:00 a.m. – 9:40 a.m.****3101. Can the subaltern speak? (Sponsored by Economic Geography Specialty Group, Socialist and Critical Geography Specialty Group)***Room:* Salon 1 (Panel Session)

ORGANIZER(S): Joel D Wainwright, The Ohio State U.; Melissa W. Wright, Penn State U.

CHAIR(S): Melissa W. Wright, Penn State U.

Introducer: Joel D Wainwright

Panelists: Joel D Wainwright, The Ohio State U.; Vinay K. Gidwani, U. of Minnesota; Dr. Sharad Chari; Melissa W. Wright, Penn State U.

**3102. Theorizing Scale across Human and Physical Geography***Room:* Salon 2 (Panel Session)

ORGANIZER(S): John Paul Jones, III, U. of Arizona; Sallie A. Marston, U. of Arizona

CHAIR(S): John Paul Jones, III, U. of Arizona

Panelists: Keith Woodward, U. of Arizona; Kirsten Simonsen; Sallie A. Marston, U. of Arizona; Frank J. Magilligan, Dartmouth College; Patricia F. McDowell, U. of Oregon

**3103. Remote Sensing, GIS, and Cartography Student Illustrated Paper Competition (Sponsored by Remote Sensing Specialty Group, Geographic Information Science and Systems Specialty Group, Cartography Specialty Group)***Room:* Salon 3 (Illustrated Paper Session)

ORGANIZER(S): Kelley J. O'Neal, U. of Maryland

CHAIR(S): Kelley J. O'Neal, U. of Maryland

**8:00** Sarah E Battersby\*, U. of California - Santa Barbara, *A Comparison of Methods For Measuring Global-Scale Cognitive Maps.***8:05** John Connors\*, Clark U., *Quantifying categorical associations using sub-pixel mapping.***8:10** Wendy Michelle DeBoard\*, Graduate Student - IUPUI, *Comparative Analysis of Urban Tree Cover Classification Methods using High Resolution Satellite Imagery.***8:15** Stephanie Deitrick\*, Arizona State U., Department of Geography; Richard Aspinall, Ph.D., Arizona State U., Department of Geography; Robert Edsall, Ph.D., Arizona State U., Department of Geography, *Visualization and management of uncertainty in land cover classifications.***8:20** Ryan James Frazier\*, Clark U., *Creating a Historical Database for Land-Cover Change Detection.***8:25** Trevor Gareth Jones\*, Clark U., *The application of remote sensing technology and environmental GIS data to monitor forest cover change in the New York State Adirondack Park and Eastern Massachusetts.***8:30** Jason T Knowles, M.S.\*, Louisiana State U., *Visual representations of the spatial correlation between Bermuda High strengths and tropical cyclone tracks.***8:35** Jessica L McCarty\*, U. of Maryland Department of Geography; Christopher O Justice, Ph.D., U. of Maryland Department of Geography, *Agricultural Burning in the Southeastern United States Detected by MODIS.*

**3104. Geography of Wine 2: Terroir (Sponsored by Wine Specialty Group)***Room:* Salon 4 (Paper Session)

ORGANIZER(S): Percy H. Dougherty, Kutztown U. of Pennsylvania

CHAIR(S): George Franklin, Jr. McCleary, U. of Kansas

**8:00** Tony B Shaw\*, Brock U., *Viticultural Zoning in the Niagara Peninsula Wine Region.***8:20** Gregory V. Jones, Ph.D.\*, Southern Oregon U.; Gregory B. Goodrich, Ph.D., Western Kentucky U.; James A. Miller, Arizona State U., *Wine Quality Trends and Influences for the Napa Valley.***8:40** Dionne Starr-Peace\*, Portland State U., *Perceptions of Terroir: A Survey of Viticulture in the North Willamette Valley, Oregon.***9:00** Scott F. Burns\*, Portland State U.; Dionne Starr-Peace, Portland State U., *Terroir in Vineyards of the Northern Willamette Valley, Oregon.***3105. Building International Ties as a Fulbright Scholar: Opportunities and Experiences (Sponsored by International Network for Learning and Teaching Geography in Higher Education)***Room:* Salon 5 (Panel Session)

Panelists: Dr. John Harner, U. of Colorado; Prof. Wendy Larner, U. of Bristol; Dawn J. Wright, Oregon State U.; Patrick Vincent McGreevy, American U. of Beirut

**3106. Author Meets Critics: Bruce D'Arcus's "Boundaries of Dissent: Protest and State Power in the Media Age"***Room:* Salon 6 (Panel Session)

ORGANIZER(S): Don Mitchell, Syracuse U.

CHAIR(S): Don Mitchell, Syracuse U.

Panelists: Mr. Paul Routledge, U. of Glasgow; Byron A. Miller, U. of Calgary; Steve Herbert, U. of Washington; Ruth Wilson Gilmore, U. of Southern California

**3107. Biogeography and Medical Geography***Room:* Salon 7 (Interactive Short Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Ellen Raabe

**8:00** Pey-Yi Lee\*, Department of Earth Sciences, U. of California, Riverside; John T Rotenberry, Department of Biology, U. of California, Riverside, *Comparative study between raster and vector modeling in wildlife habitat modeling.***8:05** Francis P. Boscoe, Ph.D.\*, New York State Department of Health, *The Protective Effect of Sunlight Exposure Against Colorectal and Prostate Cancer Mortality.***8:10** Sara Broyles\*, Arizona State U., *The Evolution of Wild Horse Range.***8:15** Erica A Howard\*, U. of Wisconsin - Madison; Michael T Coe, PhD, Woods Hole Research Center; Jonathan A Foley, PhD, U. of Wisconsin - Madison; Marcos Heil Costa, PhD, Federal U. of Vicosa, Brazil, *Land use/land cover change and biogeography of aquatic ecosystems of Amazonia.***8:20** Aguilar Alexis, Ph.D.\*, Sonoma State U.; Maria de los Angeles La Torre Cuadros, Ph.D., Universidad Nacional Agraria La Molina; Carolina Tovar, Centro de Datos para la Conservación — UNALM; Aldo Soto, Centro de Datos para la Conservación — UNALM, *Diversity and succession in the montane forests of the eastern Peruvian Andes.*

**8:25** Andrew R Maroko\*, The Graduate Center of the City U. of New York, *Predicting West Nile Virus Risk in New York State by Characterizing Optimal Breeding Habitats of Four Mosquito Vectors.*

**8:30** Ellen A. Raabe\*, U.S. Geological Survey; L. C. Gauron, ETI Professionals, Inc. for U.S. Geological Survey; M. Sakamoto, Eckerd College Student Intern; C. C. McIvor, U.S. Geological Survey, *Marshland to Mangrove: A tale of Tampa Bay, Florida.*

**3108. Community and Participatory GIS in Context**

*Room:* Salon 8 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Tanuka Bhowmick, Penn State U.

**8:00** Francis Koti\*, U. of North Alabama; Calvin O Masilela, Indiana U. of Pennsylvania; Daniel Weiner, West Virginia U., *Understanding African Peri-Urbanization Using Participatory GIS.*

**8:20** Peter H. Dana\*, Middlebury College, *Space-Claiming Categories for Community Mapping.*

**8:40** Tania Liz Colon\*, Information Technology and Society Research Group, Temple U., *Evaluating Digital Divide Solutions: The Geographical Distribution of CTCs in Philadelphia.*

**9:00** Tanuka Bhowmick\*, Penn State U., *Eliciting domain knowledge from experts to build a visualization tool framework for qualitative researchers.*

**3109. The International Polar Years and Geography: A Legacy for the Future I (Sponsored by Climate Specialty Group, Geomorphology Specialty Group, Cryosphere Specialty Group, AAG Archives, Association History Committee)**

*Room:* Salon 9 (Paper Session)

ORGANIZER(S): Frederick E. Nelson, U. of Delaware; Jerry Brown

CHAIR(S): Jerry Brown

**8:00** Kevin R Wood\*, U of Washington/JISAO; James E Overland, NOAA Pacific Marine Environmental Laboratory, *Lessons learned from the First International Polar Year, 1882-1883.*

**8:20** David Carlson\*, International Polar Year; Lorraine Craig, Royal Geographic Society, *Polar Education for the upcoming International Polar Year.*

**8:40** Fae L Korsmo\*, National Science Foundation, *Glaciology, Public Understanding of Science, and the International Geophysical Year.*

**9:00** Jerry Brown\*, International Permafrost Association, *Permafrost and the International Polar Year.*

**9:20** Jeannette Allen\*, SSAI at NASA Goddard Space Flight Center, *NASA Remote Sensing Resources for K-12 Classrooms: Contributions to IPY 2007-08.*

**3111. Dendrochronology I: Integrative Dendrochronology (Sponsored by Biogeography Specialty Group)**

*Room:* Salon 11 (Paper Session)

ORGANIZER(S): James H. Speer, Indiana State U.

CHAIR(S): James H. Speer, Indiana State U.

**8:00** Henri D. Grissino-Mayer\*, U. of Tennessee; Saskia L. van de Gevel, U. of Tennessee, *Tell-Tale Trees: The Historical Dendroarchaeology of Log Structures at the Rocky Mount Historic Site, Piney Flats, Tennessee.*



- 8:20 Jim Kernan\*, SUNY Geneseo, *A spatial mean fire interval*.
- 8:40 Linah Ababneh\*, U. of Arizona, *Bristlecone Pine (BCP) Paleoclimatic Model for Archaeological Patterns in the White Mountain of California*.
- 9:00 Shelly A. Rayback, Ph.D.\*, U. of Vermont; Gregory H. R. Henry, Ph.D., U. of British Columbia, *Developing a network of Cassiope tetragona-based chronologies along a N-S transect in the eastern Canadian Arctic*.
- 9:20 Sharon Stanton\*, Portland State U.; Keith S. Hadley, Portland State U.; Kelly A. Pohl, The Nature Conservancy, *The effect of dwarf mistletoe on climate response of ponderosa pine*.

**3113. Urban Patterns in Europe**

Room: *Cresthill Room 11* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Ms. Kelly Webster

- 8:00 Camilla Perrone, Ph.D.\*, Università degli studi di Firenze; Giancarlo Paba, Professor, Università degli Studi di Firenze, *Strategic spatial planning in a European city*.
- 8:20 Tom Frazier\*, Humboldt U., Berlin, *The Para-Gated Communities of Berlin: a Methodical Analysis of Newly Constructed Securitized Residential Development in the Newly Reconstructed Capital City*.
- 8:40 Ozan Karaman\*, *Urban Entrepreneurialism as Discourse and Practice: the Case of Istanbul*.
- 9:00 Lomme Devriendt\*, U. of Ghent; Ben Derudder, U. of Ghent; Piet Saey, U. of Ghent; Frank Witlox, U. of Ghent, *'You are the way you fly'. An analysis of the movements of the very rich in Europe*.
- 9:20 Kelly Webster\*, U. College Dublin, *The Political Economy of Urban Regeneration in Contemporary Ireland*.

**3114. Authors Meet Critics 1: Retort's 'Afflicted Powers: Capital and Spectacle in a New Age of War' (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group, Urban Geography Specialty Group)**

Room: *Crystal Room* (Panel Session)

ORGANIZER(S): Alexander P. Vasudevan, U. of Nottingham

Panelists: Iain Boal, Institute of International Studies, U. of California, Berkeley; TJ Clark, Modern Art, U. of California, Berkeley; Joseph Matthews, U. of California, Berkeley; Arjun Appadurai, John Dewey Professor in the Social Sciences, New School; Prof. David Campbell; Gerard Toal, Virginia Tech; Cindi Katz, CUNY Graduate Center

**3115. Community Tourism I: Benefits and Sustainability Issues (Sponsored by Recreation, Tourism, and Sport Specialty Group)**

Room: *Private Dining Room 4* (Paper Session)

ORGANIZER(S): Robert E. Pfister, East Carolina U.

CHAIR(S): Lorri K. Krebs, Salem State College

- 8:00 Theodore F. Martens\*, Arizona State U.; Dallen J. Timothy\*, Arizona State U., *Burying Tombstone: Fading Authenticity in a Wild West Tourist Destination*.
- 8:20 Lorri K. Krebs\*, Salem State College, *Spook Tourists: We don't want 'em but they keep on coming..*

**8:40** Erin Welk\*, Simon Fraser U., Department of Geography, *The evolution of tourism in coastal community: Power relations and tourism geographies in Tofino, Canada.*

**9:00** Remy Tremblay\*, U. of Quebec at Montreal, *The life and death of the Little Quebec of Miami.*

Discussant(s): Michael A. Schuett, Texas A&M U.

**3116. Animal Troubles: Wildlife, Pests, Science, and Politics (Sponsored by Cultural and Political Ecology Specialty Group)**

*Room:* Private Dining Room 5 (Paper Session)

ORGANIZER(S): Paul Robbins, U. of Arizona

CHAIR(S): Paul Robbins, U. of Arizona

**8:00** Julia Haggerty, PhD\*, U. of Otago, *Where everyone gets a feed? Whitebaiters, access, and neoliberal environmental governance in New Zealand.*

**8:15** Paul Robbins\*, U. of Arizona, *Producing Wildlife: The unintended natures of Indian conservation.*

**8:30** Lisa M. Campbell\*, Duke U., *Ecological arguments for community exclusion: a political ecology of sea turtle conservation.*

**8:45** Dawn Day Biehler\*, U. of Wisconsin, *The rats of Lawndale: Urban neighborhoods, rodent bodies and pesticide resistance.*

**3117. Animal Geographies**

*Room:* Private Dining Room 6 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Christina Kennedy, Northern Arizona U.

**8:00** Kelly Watson\*, Florida State U.; Jon Anthony Stallins, Florida State U., *Land-use change, social networks of adaptation, and the production of tupelo honey in Florida's Apalachicola River Basin.*

**8:20** Ilkka Ratinen\*, *Fish Farming as a Local Geographical System. The challenge of the Open System..*

**8:40** Frances Peck\*, *Battle for the Owl: Environmental Sense of Place and Endangered Species Preservation.*

**9:00** Russell Fielding\*, U. of Prince Edward Island, *The Grindadrap: Violent Anachronism or Valued Tradition?.*

**9:20** Christina B Kennedy, Ph.D — professor\*, Northern Arizona U.; John Cornell, MA from NAU, Lives in England, *Lions and Skunks and Bears? Attitudes Toward Urban Wildlife in Flagstaff, Arizona.*

**3118. Energy strategies: Government policies, potentialities and socio-environmental impacts (Sponsored by Energy and Environment Specialty Group)**

*Room:* Private Dining Room 7 (Paper Session)

ORGANIZER(S): Scott Jiusto, Worcester Polytechnic Institute

CHAIR(S): Scott Jiusto, Worcester Polytechnic Institute

**8:00** Barry D Solomon, PhD\*, Michigan Technological U.; Kathleen E Halvorsen, PhD, Michigan Technological U.; Justin R Barnes, Michigan Technological U., *Biomass Energy Policy: From Grain to Cellulosic Ethanol.*

**8:20** James Eflin\*, Ball State U.; Hugh Brown, Ball State U., *Growing Our Way to Kyoto? A Spatial Analysis of Biofuel Potential for Indiana..*

**8:40** Rolf Sternberg\*, Montclair State U., *Hydropower In The Impending Energy Transition*.

**9:00** Chris W. Baynard\*, U. of North Florida, *The Political Ecology of Heavy Oil in Eastern Venezuela*.

**9:20** Matthias Ruth\*, U. of Maryland; Jollands Nigel, New Zealand Centre for Ecological Economics, *Integrated Assessment of Climate Impacts on New Zealand Infrastructure*.

**3119. Nature, science and law: legal geographies of nature (Sponsored by Human Dimensions of Global Change Specialty Group)**

*Room:* Private Dining Room 8 (Paper Session)

ORGANIZER(S): Ms. Emily Quinton; Mr. Samuel Randalls, U. of Birmingham

CHAIR(S): Ms. Emily Quinton

**8:00** Alex Aylett\*, U. of British Columbia, *-Developing Discourses of Climate Change: The Asia Pacific Pact for Clean Development and Climate and the (Re?)Definition of Climate Change and Development..*

**8:20** Hari Osofsky\*, U. of Oregon School of Law, *Litigating Energy's Externalities: A Modern Westphalian Geography for Corporate Responsibility*.

**8:40** Rohit Negi\*, The Ohio State U., *The Judges' Geographies: Nature, Air Pollution, and the Case of Industrial Relocation in Delhi*.

**9:00** Kerry Holden\*, *Bioethics, regulation and the knowledge-based economy*.

Discussant(s): Mr. Samuel Randalls, U. of Birmingham

**3120. Geographical Thought and Theory**

*Room:* Private Dining Room 9 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Prof. Michel Lussault

**8:00** David A. Pepper\*, U. of Southern California, *A Proposed Framework for Discussion of Geographic Research*.

**8:20** Murat Arsel\*, Institute of Social Studies, *Societal development and the 'world risk society': A critique of totalizing environmental social theory*.

**8:40** David L Butler\*, U. of Southern Mississippi, *Virtual PhD Student Communities*.

**9:00** Jen-Miau Lin\*, U. of Iowa, *Encountering with the Other: A Genealogy of David Harvey's Work*.

**9:20** Michel Lussault\*, *Towards a pragmatic of space*.

**3123. A future for development? Conversations between political ecology and development (pre-, post-, and other) (Sponsored by Developing Areas Specialty Group, Cultural and Political Ecology Specialty Group)**

*Room:* Private Dining Room 16 (Panel Session)

ORGANIZER(S): Edward R Carr, U. of South Carolina; Dr. Katharine Islay McKinnon, Massey U.

CHAIR(S): Katherine D. Gibson, Australian National U.

Panelists: Dianne E. Rocheleau, Clark U.; Thomas A. Perreault, Syracuse U.; Joshua S.S. Muldavin, Sarah Lawrence College; Dr. Katharine Islay McKinnon, Massey U.; Edward R Carr, U. of South Carolina; Juan M. Gonzalez, Universidad De Los Andes; Mr. Benson Wilder

- 3124. Standing on the Threshold: experiences of women and men at the start of an academic career in geography (Sponsored by Graduate Student Affinity Group, Enhancing Departments and Graduate Education project (EDGE), Committee on the Status of Women in Geography)**

*Room:* Private Dining Room 17 (Panel Session)

ORGANIZER(S): Anneliese Vance, U. at Buffalo

CHAIR(S): Anneliese Vance, U. at Buffalo

Panelists: Anneliese Vance, U. at Buffalo; Dr. Patrick T. Hurley, College of Charleston; Wendy Miller; David R. Jansson, Vassar College; Ms. Susan Moore, London School of Economics; Mr. Stephen Wathen, U. of California Davis; Toni A. Alexander, Auburn U.; Edmund J. Zolnik, George Mason U.; Lisa J. Theo, U. of Wisconsin-Eau Claire; Darren E. Purcell, U. of Oklahoma

- 3128. Geographies of Relational Thinking**

*Room:* Parlor A (Panel Session)

ORGANIZER(S): Deborah Dixon; Michael Woods, U. of Wales Aberystwyth

CHAIR(S): Michael Woods, U. of Wales Aberystwyth

Panelists: Francis Harvey, U. of Minnesota - Minneapolis; Mitch Rose, U. of Hull; Dr. Paul Harrison

- 3129. Hudographies: co(a)gent spaces of companion species**

*Room:* Parlor B (Paper Session)

ORGANIZER(S): Dr. David J. Bell, Staffordshire U.

CHAIR(S): Dr. David J. Bell, Staffordshire U.

**8:00** David J. Bell\*, Manchester Metropolitan U.; Craig Young\*, Manchester Metropolitan Univer, *Mapping Hudographies*.

**8:10** Melinda S. Meade, Ph.D.\*, Univ of North Carolina Chapel Hill, *"If they stay and die, I stay and die."*

**8:26** Kerrie Ann Shannon, Ph.D\*, U. of Alaska Fairbanks, *The Significance of Dogs and Dog-Teams in Inuit Culture*.

**8:42** Jere Tesser\*, Emory U., *Sites of Becoming: An Ethnography of (Virtual) Dogfighting Communities*.

**8:58** Lisa Jane Hardy, MA, ABD\*, Temple U., *Burning Cars, Ugly Mutts & Starbucks: Dog Bodies and the Marking of the In-between*.

**9:14** Philip Howell\*, U. of Cambridge, *'(Dog)Walking in the City': Dogwalking as a Spatial Practice in the Victorian and Edwardian City*.

Discussant(s): Dr. David J. Bell, Staffordshire U.

- 3130. Technology, Talent and Tolerance in European Cities**

*Room:* Parlor C (Paper Session)

ORGANIZER(S): Høgni Kalsø Hansen, Lund U.; Bjorn T. Asheim, Univeristy of Lund, Sweden

CHAIR(S): Meric S. Gertler, U. of Toronto

Introducer: Bjorn T. Asheim

Introducer: Meric S. Gertler

**8:20** Nick Clifton, Dr\*, Cardiff U.; Phil Cooke, Prof., Cardiff U.; Björn Asheim, Prof., Lund U., *Varieties of Capitalism and the Creative Class*.

- 8:40** Høgni Kalsø Hansen\*, Lund U.; Ron Boschma, Professor, U. of Utrecht, Urban and Regional research centre Utrecht (URU), Netherlands.; Micheal Fritsch, Technical U. of Freiberg; Irina van Aalst, U. of Utrecht, Urban and Regional research centre Utrecht (URU), Netherlands., *Is Creativity Cause or Effect of Regional Development ?*.
- 9:00** Kristina Vaarst Andersen, Copenhagen Business School, Denmark; Høgni Kalsø Hansen, U. of Lund, Sweden; Arne Isaksen, STEP group, Oslo, Norway; Mika Raunio\*, U. of Tampere, Finland; Bjørn T. Asheim, U. of Lund, Sweden, *The Geography of Technology, Talent and Tolerance: Nordic Cases*.
- 9:20** Tina Haisch\*, U. of Basel, *Human capital and regional economic development: Does education or occupation matter more?*.

**3131. Coastal geomorphology (Sponsored by Coastal and Marine Specialty Group)**

*Room:* Parlor D (Paper Session)

ORGANIZER(S): Diane P. Horn, Birkbeck College, U. of London

CHAIR(S): Steven Namikas, Louisiana State U.

**8:00** Philip L. Chaney\*, Auburn U., *Aerial survey of Hurricane Katrina's impacts along the Mississippi-Alabama Mainland Coast and Barrier Islands*.

**8:20** Diane P. Horn\*, Birkbeck College, U. of London, *Measurement of beach elevation change in the swash zone*.

**8:40** David M Kennedy, PhD\*, Earth Sciences, Victoria U. of Wellington, New Zealand, *Shore platform development on an active plate margin: examples from New Zealand*.

**9:00** Alan Trenhaile, Dr. \*, Dept. Earth Sciences, U. of Windsor, Windsor, Ontario, Canada; Latour J. Neil, Dept. Earth Sciences, U. of Windsor, Windsor, Ontario, Canada; Jacob I Kanyaya, Dept. Earth Sciences, U. of Windsor, Windsor, Ontario, Canada, *Shore platform evolution in eastern Canada*.

**9:20** Suzanne Woolhouse, Principal Policy Officer\*, Office of Minister for Planning & Infrastructure; David Nunn, Director, Ningaloo Sustainable Development Office, Department of Planning & Infrastructure; Jenny Cary, Regional Manager, Department of Conservation & Land Management, *Saving The Ningaloo Reef Coast! Two Years On Are We Really Delivering?*.

**3132. Cultural Geography in India**

*Room:* Parlor E (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): John Milton

**8:00** Rowan Ellis\*, U. of Washington, *Different Subjects: identity politics, subject formation and the post colonial state*.

**8:20** Sujata Ramachandran\*, Queen's U., *Indifference, Impotence and Intolerance: Transnational Bangladeshis in India*.

**8:40** Papiya Raj\*, McGill U., *Call centres affecting identity change among young adults in New Delhi*.

**9:00** Simhadri Somanaboina, Dr. Prof. \*, Department of Geography, Osmania U., Hyderabad 500007, India, *Social Spaces, Stratified Consciousness and Political Articulation: A Case of Telangana, India*.

**9:20** John Milton, Ph.D. Candidate\*, McGill U., *The sharing of rights of commercialised products derived from grassroots ecological knowledge: The case of an eczema formulation for skin infections from Gujarat, India*.

**3134. Seeing Red: Cultural Geographies and the Titian-Minded (Sponsored by Geographic Perspectives on Women Specialty Group, Qualitative Research Specialty Group, Cultural Geography Specialty Group)**

Room: *Parlor G* (Paper Session)

ORGANIZER(S): Dydia DeLyser, Louisiana State U.

CHAIR(S): Dydia DeLyser, Louisiana State U.

Introducer: Dydia DeLyser

**8:05** Dydia DeLyser\*, Louisiana State U., *Gender, social memory, and Oklahoma's proposed monument to the flamboyant Naniitta Daisey.*

**8:25** Fiona Henderson, Royal Holloway, U. of London; Karen E. Till\*, Royal Holloway, U. of London, *The Kennington Cross ArtsLav: Stories and spaces of a public toilet.*

**8:45** Lorraine Dowler\*, Penn State U., *An Unholy Mother: Cindy Sheehan and the Politics of Public Grief.*

Discussant(s): Elizabeth A Gagen, U. of Hull

**3135. Immigrant settlement and international migration (Sponsored by Population Specialty Group)**

Room: *Parlor H* (Paper Session)

ORGANIZER(S): Prof. Suzanne Davies Withers, U. of Washington

CHAIR(S): Sabine Henning, United Nations

**8:00** Karen Margaret King, M.A.\*, McMaster U.; Bruce Newbold, Ph.D., McMaster U., *Comparison of Internal Way-Station Migrations of Canadian Immigrants, 1991-2001.*

**8:20** Lawrence A. Brown, Professor and PhD\*, Ohio State U.; Tamara Mott, PhD Candidate, Ohio State U.; Edward Malecki, Professor, Ohio State U., *Immigration Reflections in the Population Profiles of US Urban Areas: With Particular Attention to Mid-Size MSAs.*

**8:40** Kelly Woltman\*, McMaster U.; K. Bruce Newbold, McMaster U., *of Flights and Flotillas: Assimilation and Race in the Cuban diaspora.*

**9:00** Kimberly Logan\*, U. of Washington, *The Search for Effective Sustainable Housing Provision in the Greater Seattle Area for the Refugee Population.*

**9:20** Sabine Henning\*, United Nations, *Worldwide Population Change and International Migration.*

**3137. Migrant Workers/Trans-National Lives In The 'Global' City 1**

Room: *Dearborn 1* (Paper Session)

ORGANIZER(S): Dr. Jon May; Dr. Linda McDowell, U. of Oxford

CHAIR(S): Dr. Jon May

**8:00** Virginia L. Parks, PhD\*, U. of Chicago, *Immigrant Workers in the 'Black Metropolis'.*

**8:20** Philip Kelly\*, York U.; Emmanuel C Moya, U. of Toronto (OISE), *Nursing a Colonial Hangover: Race/Class/Gender and Filipina Healthcare Workers in Toronto.*

**8:40** Michael Samers\*, U. of Nottingham, *The city, immigration, and 'international labor market segmentation'.*

**9:00** Kristin M. Sziarto\*, U. of Minnesota; Helga Leitner, U. of Minnesota, *Migrant labor and spaces of social justice activism.*

**3138. Issues of Resources and Environments in Russia***Room: Dearborn 2 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Joel Quam, College of DuPage

**8:00** Mattias Spies\*, U. of Joensuu, *Distance between home and workplace as a factor for job satisfaction in the Russian oil and gas industry.***8:20** Juha Kotilainen\*, U. of Joensuu, *Reformulating the Governance of Russia's Forests: External Influence, Local Socio-Economies and Hybrid Management Forms.***8:40** Thomas Borén, Dr.\*, Dept of Human Geography, Stockholm U., *Urban Governance, Environmental Information and GIS in St Petersburg, Russia.***9:00** Mariyam Medovaya, Doctoral Candidate\*, U. of Colorado, Boulder, *The nature of a nature park: identity, environment and global connections in Altai, Russia.***3139. Failed Geographies: What Happens When Things Go Wrong 1***Room: Dearborn 3 (Paper Session)*

ORGANIZER(S): Tim Cresswell, U. of Wales, Aberystwyth; Ulf Strohmayer, U. of Ireland Galway

CHAIR(S): Ulf Strohmayer, U. of Ireland Galway

**8:00** Tim Cresswell\*, U. of Wales, Aberystwyth, *Place, Integrity and Memory at Maxwell Street Market, Chicago.***8:20** Laurel Smith\*, U. of Wisconsin-Milwaukee, *Accomplishment and Fiasco: A Fireside Story of Networking.***8:40** Pamela Shurmer-Smith, Dr\*, Royal Holloway, U. of London, *The tragedy of the routine.***9:00** Caroline Bressey\*, U. College London, *The Bond of Brotherhood? The End of the Anti-Caste movement in Victorian Britain.***9:20** Kathryn Yusoff, Dr\*, Open U., *Failed Visions: Fact, Fiction and 'Floating Islands'.***3141. Role of Non-Profits/NGO's in U.S. and Canadian Rural Development (Sponsored by Rural Geography Specialty Group, Canadian Studies Specialty Group)***Room: Clark 1 (Panel Session)*

ORGANIZER(S): Paul B. Frederic, U. of Maine

CHAIR(S): Darrell E. Napton, USGS Visiting Scientist and South Dakota State U.

Panelists: Janel M. Curry, Calvin College; Paul B. Frederic, U. of Maine; Timothy J. Rickard, Central Connecticut State U.; Amy Trauger, Penn State U.; Doug Ramsey, Brandon U.

**3143. Immigrants and Transnational Experiences in World Cities (I) (Sponsored by Population Specialty Group, Urban Geography Specialty Group, Ethnic Geography Specialty Group)***Room: Clark 3 (Paper Session)*

ORGANIZER(S): Carlos Teixeira, U. of British Columbia Okanagan; Wei Li, Arizona State U.

CHAIR(S): Wei Li, Arizona State U.

**8:00** Michael Ewers\*, Ohio State U., *Migrants, Markets and Multinationals: The Role of Places in the Global Competition for Highly-Skilled Labor.*

- 8:15 Sin Yih Teo\*, U. of British Columbia, *A place to call home?: The emotional geographies of 'returned' immigrants in Chinese cities.*
- 8:30 Elizabeth Chacko\*, The George Washington U., *The Return of the Natives: Impacts of reverse brain drain on Indian cities.*
- 8:45 Annemarie Bodaar\*, U. of Amsterdam, *The transformation of ethnic neighborhoods into tourist attractions.*

**3145. Watershed Modeling I**

Room: Clark 5 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Ms. Gopala Borchelt, Missouri State U.

- 8:00 Hillary B. Hamann, PhD\*, U. of Colorado at Colorado Springs; Robert F. Stallard, PhD, US Geological Survey; Institute of Arctic and Alpine Research; Smithsonian Tropical Research Institute; Nancy H. Pullen, U. of Colorado at Boulder; Institute of Arctic and Alpine Research, *A Comparison of Runoff Pathways and Nutrient Export in Three Small Tropical Forest Catchments.*
- 8:20 Julie Earls\*, U. of South Florida; Barnali Dixon, Asst. Professor, USF-St. Petersburg, U. of South Florida - St. Petersburg, *Utilizing SWAT to Model Spatio-Temporal Influences on River Basins At Differing Resolutions.*
- 8:40 Luc Claessens\*, U. of Connecticut; Christina Tague, San Diego State U.; Lawrence Band, U. of North Carolina at Chapel Hill; Peter Groffman, Institute of Ecosystem Studies; Stephen Kenworthy, Western Kentucky U., *The role of small streams in controlling nitrogen export from an urbanizing watershed.*
- 9:00 Zhongwei Liu\*, Department of Geography, U. of Cincinnati; Susanna T.Y. Tong, Department of Geography, U. of Cincinnati, *Simulating the hydrologic and water quality consequences of riparian land-use change: A case study of the Little Miami River watershed, Ohio.*
- 9:20 Gopala G Borchelt, Graduate Assistant\*, Missouri State U., *Nutrient concentrations in streams and their relationship to geology and land-use in the Upper White River Basin, NW Arkansas and SW Missouri.*

**3146. Re-making 'the Urban', Re-conceptualizing Urban Politics I: The State, Capital, and the (Re-)Negotiation of Urban Politics**

Room: Clark 7 (Paper Session)

ORGANIZER(S): Gordon MacLeod, U. of Durham; Joe Painter, U. of Durham

CHAIR(S): Gordon MacLeod, U. of Durham

- 8:00 Kevin Grove\*, The Ohio State U.; Kevin R. Cox, The Ohio State U., *The Urban and Revisiting the Concept of the Local State.*
- 8:20 Robert W. Lake\*, Rutgers U., *Open For Business: State Policy and the Transformation of Urban Governance.*
- 8:40 Nicholas A. Phelps\*, U. of Southampton; Nicholas Parsons, Cardiff U.; Dimitris Ballas, U. of Sheffield; Andrew Dowling, Cardiff U., *Business at the Margins? Business interests and urban development at the margins of Europe's capital cities.*
- 9:00 David Laslo, Ph.D.\*, U. of Missouri-St. Louis; Dennis R. Judd, Ph.D., U. of Illinois-Chicago, *Civic Capacity And The Elastic Local State: Lessons From St. Louis.*
- 9:20 Delphine Ancien\*, The Ohio State U., *State Restructuring and the Reconceptualization of Urban Politics as a Metropolitan Politics in France: Constructing a Theoretical Framework.*



**3148. Techniques in Remote Sensing***Room: Clark 9 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): DongMei Chen, Queen's U.

**8:00** Shawn R Callihan\*, U. of South Carolina, *Implications of Dimensionality for Hyperspectral Remote Sensing.***8:20** Honglei Zhu\*, Clark Labs, Clark U., *Automatic End-Member Identification from Remote Sensing Data Using Linear Spectral Unmixing Model.***8:40** Qinghua Guo\*, U. of California at Merced; Maggi Kelly, U. of California at Berkeley, *Use of object based classification methods in land use mapping.***9:00** Jungho Im\*, U. of South Carolina; John R. Jensen, U. of South Carolina; Jason A. Tullis, U. of Arkansas, *Object-oriented Change Detection Based on Correlation Analysis and Image Segmentation.***9:20** DongMei Chen\*, Queen's U., *A standardized approach for evaluating the effectiveness of pixel-based image classification procedures.***3149. Geomorphic effects on ecological processes and patterns (Sponsored by Biogeography Specialty Group, Mountain Geography Specialty Group)***Room: Clark 10 (Paper Session)*

ORGANIZER(S): George Malanson, U. of Iowa; Dr. Shen Zehao

CHAIR(S): David R. Butler, Texas State U. - San Marcos

**8:00** David R. Butler\*, Texas State U. - San Marcos, *Slope Processes in Mountain Environments: Effects on Ecological Patterns and Processes.***8:18** Donald A. Friend\*, Minnesota State U.; Thomas Fickert, Ph.D., Universität Passau, Germany; Friederike Grüniger, Ph.D., Universität Passau, Germany; Bruce Molnia, Ph.D., US Geological Survey; Michael Richter, Prof. Dr., Universität Erlangen, Germany, *Did Debris Covered Glaciers Serve as Pleistocene Refugia for Plants? A New Hypothesis Derived from Observations of Recent Plant Growth on Glacier Surfaces.***8:36** Jacob Bendix\*, Syracuse U.; C. Mark Cowell, U. of Missouri, *Hydrogeomorphic Impacts on the Response to Wildfire in a Riparian Gallery Forest.***8:54** J. Anthony Stallins\*, Florida State U., *Organizing motifs, the role of organisms, and the differences between ecological biogeography and geomorphology.***9:12** Zehao Shen\*, Peking U., China; Jun Zhao, Peking U., China; George Malanson, U. of Iowa, USA, *Prediction of Mountain Vegetation Pattern Based on Topography-Plant Relationship: a scaling up approach.***9:30** George Malanson\*, U. of Iowa; Zehao Shen, Peking U.; David R Butler, Texas State U., *Dynamic geomorphology affects ecological pattern and process.***3150. CSG Climate Day: Student Paper Competition (Sponsored by Climate Specialty Group)***Room: LaSalle 1 (Paper Session)***8:00** Neil P Barton\*, Arizona State U., *North Pacific Jet Streams and their relationship to seasonal Precipitation Anomalies across the Western United States.***8:20** Kevin T. Law\*, The Ohio State U., *An Updated Statistical Hurricane Intensity Model to Improve Warning Time.***8:40** Erika K. Wise\*, U. of Arizona; Andrew C. Comrie, U. of Arizona, *Climate-Based Air Quality Scenarios for the Southwestern United States.*

9:00 Noriyuki Sato\*, Indiana U., *Climate Change Impacts on Winter-Road Maintenance: Historical Variations in the Joint Probability Distribution of Air Temperature and Precipitation.*

**3151. Geographies of Addiction: Mapping Terrains of Temptation and Treatment (Sponsored by Medical Geography Specialty Group, Cultural Geography Specialty Group)**

Room: LaSalle 2 (Paper Session)

ORGANIZER(S): Robert D. Wilton, McMaster U.; Geoffrey P. DeVerteuil, U. of Manitoba

CHAIR(S): Robert D. Wilton, McMaster U.

8:00 Geoffrey P. DeVerteuil\*, U. of Manitoba; Shaun P. Klassen, City Planning, U. of Manitoba CANADA R3T 2N2, *Establishing spaces of recovery for substance abuse treatment: The impact of facility location.*

8:20 Robert P. Fairbanks, II\*, U. of Chicago, *The impoverishment of recovering technologies: 'Managed Persistence' as a vector of Spatial Governmentality in the Kensington Recovery House Movement.*

8:40 Christopher M Moreno\*, San Diego State U., *Nomadism, Difference, and Drug Treatment: From 'Confined' Spaces to Places of 'Becoming'.*

9:00 Vladimir Yasenovskiy\*, U. of Alberta, *Neighbourhood spatial accessibility to alcohol and gambling opportunities in Edmonton, Canada..*

9:20 Robert D. Wilton\*, McMaster U., *Mapping the governmentality of residential addiction treatment programs.*

**3152. Iraq: Invasion, Occupation, and Aftermath (Sponsored by Political Geography Specialty Group, Middle East Specialty Group)**

Room: LaSalle 3 (Panel Session)

Panelists: James A. Tyner, Kent State U.; Dr. Derek Gregory, U. of British Columbia

**3154. Immigration, Transnationalism, and Latin America**

Room: LaSalle 5 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Ronald W. Luna, U. of Maryland

8:00 Joel Jennings\*, U. of Cambridge, *Scaling the Invisible: Latino Spaces in the Heartland.*

8:20 Linda Elizabeth Quiquívix\*, U. of North Carolina at Chapel Hill; Travis Graham, U. of North Carolina at Chapel Hill; Tamara Johnson, U. of North Carolina - Chapel Hill, *Spatial Challenges to Research in Immigrant Assimilation and Transnationalism: A case study of Dominican immigrants in urban New York City and suburban North Carolina.*

8:40 Cristobal Mendoza\*, Universidad Autonoma Metropolitana-Iztapalapa (Mexico); Anna Ortiz Guitart, Universidad Autonoma Metropolitana-Iztapalapa (Mexico), *Beyond "brain drain" and transnational internal labor markets: Skilled Spanish migrants in Mexico City.*

9:00 Cristobal Mendoza, Universidad Autonoma Metropolitana (Mexico); Anna Ortiz Guitart\*, Universidad Autonoma Metropolitana (Mexico), *Beyond "brain drain" and transnational internal labor markets: Skilled Spanish migrants in Mexico City.*

9:20 Ronald W. Luna, ABD\*, U. of Maryland, *What is Transnationalism?.*

- 3156. Interdisciplinarity and the Geography of Religions and Belief Systems (Sponsored by Geography of Religions and Belief Systems Specialty Group)**  
*Room: Sandburg 2 (Paper Session)*  
 ORGANIZER(S): David J Rutherford, National Geographic Society  
 CHAIR(S): David J Rutherford, National Geographic Society  
**8:00** Allison Noelle Hayes-Conroy\*, Clark U. Geography Department, *Becoming the Land Walking: Local, cultural remedies for ecological alienation.*  
**8:20** James M. Smith, Ph.D.\*, Towson U., *Japanese American Identities: Ethnicity, Religious Institutions and Social Space.*  
**8:40** David J Rutherford\*, National Geographic Society, *Hybrid Geographies: Identifying Imagined and Real Divides.*  
 Discussant(s): James E. Mills, SUNY-Oneonta
- 3157. Exclusionary Geographies and the Possibilities of a Feminist Nation (Sponsored by Geographic Perspectives on Women Specialty Group, Qualitative Research Specialty Group)**  
*Room: Sandburg 3 (Paper Session)*  
 ORGANIZER(S): Dr. Jennifer L. Fluri, Dartmouth College  
 CHAIR(S): Anu Sabhlok, Penn State U.  
**8:00** Jennifer L. Fluri\*, Dartmouth College, *Feminist-Nationalism in Afghanistan.*  
**8:20** Patricia M. Martin\*, Université De Montréal, *Claiming Citizenship, Disrupting the Nation: The Gendered Narratives of Political Lives in Mexico.*  
**8:40** Anu Sabhlok\*, Penn State U., *Feminist delimas in nationalist performances.*  
 Discussant(s): Tamar Mayer, Middlebury College
- 3158. Innovative Uses of GIS to Explore Water Resource Issues on the US-Mexico Border (Sponsored by Water Resources Specialty Group)**  
*Room: Sandburg 4 (Paper Session)*  
 ORGANIZER(S): Dr. Christopher Brown, New Mexico State U.  
 CHAIR(S): Dr. Christopher Brown, New Mexico State U.  
**8:00** Christopher P Brown, Ph.D.\*, New Mexico State U.; Fabian Lozano, Ph.D., Tec de Monterrey, Centro de Calidad Ambiental, *Establishing a GIS Infrastructure to Advance Water Resource Management on the US-Mexico Border.*  
**8:20** Zachary D Wilson\*, United States Geological Survey; Jean W Parcher, United States Geological Survey, *Evaluation of bi-national land-cover change-detection procedures in the Lower Rio Grande Valley: Applications to water-resource issues.*  
**8:40** Richard D. Wright\*, San Diego State U.; Katherine Comer, Institute for Regional Studies of the Californias, San Diego State U., *GIS-based Decision Support Tools for Water Resource Management in the Ambos Tecates Region.*  
**9:00** Juan Declet\*, Dept. of Geography, Arizona State U.; Francisco Lara-Valencia, School of Planning, Arizona State U.; Eric Keys, Arizona State U., *Management of Shared Water Resources along the United States-México Border: the Case of Ambos Nogales.*

**3159. Globalization and the New Chinese Economy I: Agriculture and Rural Transformation (Sponsored by Economic Geography Specialty Group, China Specialty Group)**

Room: Sandburg 5 (Paper Session)

ORGANIZER(S): George Lin, U. of Hong Kong

CHAIR(S): Wei Xu, U. of Lethbridge

**8:00** Gregory Veeck\*, Western Michigan U.; Heesun Chung, Dr., Sangmyung U.-ROK; Sang Yool Lee, Dr., Catholic U. of Daegu, *The Failure of the WTO: Agricultural Trade in East Asia—the case of apples.*

**8:20** Lanchih Po\*, Beijing Development Institute, Peking U., *The Evolution and Dynamics of Rural Land Cooperatives in China's Reform Era.*

**8:40** George C.S. Lin\*, U. of Hong Kong, *Political Economy of Land Statistics, Land Use Change, and Land Market in Rural China.*

**9:00** Wei Xu\*, U. of Lethbridge, *Combating Environmental Degradation in China: "Grain for Green" as a Rural Development Alternative.*

Discussant(s): Stanley Toops, Miami U.

**3160. GIS for Historical Terrain Visualization (Sponsored by Historical Geography Specialty Group, Electronic Cultural Atlas Initiative, Geographic Information Science and Systems Specialty Group)**

Room: Sandburg 6 (Paper Session)

ORGANIZER(S): Michael T. Wheeler

CHAIR(S): Michael T. Wheeler

**8:00** Dominic Fontana\*, U. of Portsmouth, *Kings, Admirals and Archaeology: Images and Maps. Decoding Cowdray - King Henry VIII of England vs. Francis I of France..*

**8:20** Michael T. Wheeler\*, Syracuse U., Geography, *Topography, Politics and the Erie Canal.*

**8:40** Anne Kelly Knowles\*, Middlebury College; Caitrin Abshire; Will Roush; Luke Farrell; Andrew Feinberg; Thom Humber, *How Real Can We Get? Modeling the Battlefield of Gettysburg.*

**9:00** Philip C. Brown\*, Ohio State U., *A Hard Rain's Agonna Fall? Assessing Historical Responses to Flood and Landslide Risk in Niigata Japan.*

**9:20** Mathew Novak\*, The U. of Western Ontario; Jason Gilliland, The U. of Western Ontario, *"Buried Beneath the Waves": Examining London Ontario's Great Flood of 1883.*

**3161. Spatial Data Mining and Exploratory Data Analysis (1) (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group)**

Room: Sandburg 7 (Paper Session)

ORGANIZER(S): Diansheng Guo, U. of South Carolina; Jeremy Mennis, Temple University Department of Geography and Urban Studies

CHAIR(S): Diansheng Guo, U. of South Carolina

**8:00** Michel J Phipps\*, U. of Ottawa, *Data Mining, Knowledge Discovery and Entropy Reduction.*

**8:20** Rongxun Wang\*; A-Xing Zhu; James Burt, *A Data Mining Approach to Knowledge Extraction from Existing Soil Maps.*

- 8:40** David Stinchcomb\*, National Cancer Institute; Linda Pickle, National Cancer Institute, *Outlier Detection as a Spatial Data Mining Tool for National Cancer Surveillance*.
- 9:00** Daniel G. Cole\*, Smithsonian Institution, *Successes and Limitations of Visualizing a Large Data Set from a Temporal Museum Database*.
- 9:20** Diansheng Guo\*, U. of South Carolina, *On the Ordering Problem in Spatial Data Mining and Geovisualization: Methods and Applications*.

**3162. Gateway Cities: Materials, People and the Flows of Globalization - Part I (Sponsored by Economic Geography Specialty Group, Urban Geography Specialty Group, Transportation Geography Specialty Group)**

*Room:* Sandburg 8 (Paper Session)

ORGANIZER(S): Jean-Paul Rodrigue, Hofstra U.; Markus Hesse

CHAIR(S): Peter V. Hall, U. of Waterloo

- 8:00** Paul Charles Beavis\*, School of Civil and Environmental Engineering, U. of New South Wales, Sydney, Australia; John A Black, Professor, Botany Bay Studies Unit, U. of New South Wales, Sydney, Australia; Johan Woxenius, Dr., Department of Transportation and Logistics, Chalmers U. of Technology, Gothenborg, Sweden; Stephen Moore, School of Civil and Environmental Engineering, U. of New South Wales, Sydney, Australia, *Distributed Function Hinterland: Container Seaport Relief for Sydney*.
- 8:20** Theo E. Notteboom\*, ITMMA - U. of Antwerp, *Gateway ports in the Rhine-Scheldt Delta: complements or substitutes in liner shipping networks*.
- 8:40** Markus Hesse\*, Freie Universitaet Berlin, *Gateway cities, hinterland and the network: re-conceptualizing flows and places in the postindustrial city*.
- 9:00** Jean-Paul Rodrigue, Assistant Professor\*, Hofstra U., *The Thruport Concept: Reconciling Time and Flows in Freight Distribution*.
- 9:20** Peter V. Hall, Dr\*, U. of Waterloo; Glen Robbins, U. of KwaZulu-Natal, *The City and the Gateway Port: development dilemmas in Durban*.

**3163. Relations of rule: (Post)colonialism, nature, governmentality (I)**

*Room:* Montrose 1 (Paper Session)

ORGANIZER(S): Michelle Kooy, U. of British Columbia

- 8:00** Kevin Gould\*, U. of British Columbia, *The dissembly line: assembling neoliberal subjects and territories through neoliberal land policies*.
- 8:20** Joanna C Long\*, Queen Mary, U. of London, *(En)Planting Israel: Jewish National Fund forestry and the fetishised Israeli subject*.
- 8:40** Michelle Elan Kooy, PhD Candidate\*, U. of British Columbia, *(post)colonial production of urban waters: circulating past/present relations of rule in Jakarta, Indonesia*.

**3164. Redeveloping the City**

*Room:* Montrose 2 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Roman Cybriwsky, Temple U. Japan

- 8:00** Sandra Zupan, PhD student\*, U. of Wisconsin - Milwaukee, *PabstCity - Is a Classic Cream Brick Beauty Transforming into a Midwest Entertainment Mecca? Exploring Milwaukee's Downtown Redevelopment Efforts*.

- 8:20 Stephen Stover\*, Stephen Stover, West Chester U. of Pennsylvania, *Urban Redevelopment and Baseball In Washington D.C.*
- 8:40 Ryan D James\*, U. of Cincinnati, *The Effects of Argosy Casino on Lawrenceburg, IN.*
- 9:00 Evangelia Daughtrey\*, Missouri State U.; Dimitri Ioannides, Missouri State U., *Seeking "Neo bohemia" in mid-sized cities: The case of Springfield, Missouri.*
- 9:20 Roman Cybriwsky\*, Temple U., Japan Campus, *Remaking Roppongi: Redevelopment and Social Change in Tokyo's Premier Nightclub District.*

**3165. Urban and Regional Planning in the US: Local and Regional Perspectives (Sponsored by Regional Development and Planning Specialty Group)**

Room: Montrose 3 (Paper Session)

- ORGANIZER(S): Sudhir K. Thakur, California State U. Sacramento; George M. Pomeroy, Shippensburg U.
- CHAIR(S): Debnath Mookherjee, Western Washington U.
- 8:00 John E. Benhart\*, Shippensburg U. and York College of Pennsylvania, *Ave Maria: A Geographical Analysis of a Planned Community.*
- 8:20 George M. Pomeroy\*, Shippensburg U., *Regional Planning Outreach Efforts: A Case Study of South Central Pennsylvania.*
- 8:40 Mukesh Kumar\*, DURP, Jackson State U.; Romorno Coney, DURP, Jackson State U., *Toward Developing a Regional Plan for Rebuilding New Orleans.*
- 9:00 Andrew Ryder, D Phil. \*, U. of Portsmouth, *Local government autonomy as a motor of economic development.*

**3169. The Infusion of GIS into Various Disciplines: Spatial Education at its Most Useful - Part I (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group, Geography Education Specialty Group)**

Room: Montrose 7 (Paper Session)

- ORGANIZER(S): Dr. Rich B. Schultz, Elmhurst College; Richard P. Greene, Northern Illinois U.
- CHAIR(S): Dr. Rich B. Schultz, Elmhurst College
- 8:00 Joseph J. Kerski, Ph.D. \*, United States Geological Survey, *Bridging Geography and Mathematics Through GIS.*
- 8:14 Matthew Bampton\*, U. of Southern Maine; Cathleen McAnneny, U. of Maine, Farmington, *Identifying core concepts, misconceptions, and fundamental barriers to learning in GIS.*
- 8:28 Diana Stuart Sinton\*, National Institute for Technology & Liberal Education, *Linking GIS with Higher Education Objectives and Missions.*
- 8:42 Arthur N. Samel\*, Bowling Green State U.; Kefa M Otiso, Bowling Green State U.; Bruce Smith, Bowling Green State U., *Integration of GIS into the 7-12 curriculum in Toledo Public Schools.*
- 8:56 Rich B. Schultz\*, Elmhurst College, *Suggestions for Incorporating Spatial Awareness into the Lesson Plan.*
- 9:10 Andrew J. Krmenech\*, Northern Illinois U., *From classroom to e-room: adapting GIS courses for online delivery.*
- 9:24 Ann B. Johnson\*, ESRI, *GIS Tech NSF Grant - Course development and Articulation.*

**3170. The Politics of Participation 1: Negotiating Ethics (Sponsored by Geographic Perspectives on Women Specialty Group, Qualitative Research Specialty Group, Ethics, Justice, and Human Rights Specialty Group)**

*Room:* Burnham 1 (Panel Session)

ORGANIZER(S): Rachel Pain, U. of Durham

CHAIR(S): Rachel Pain, U. of Durham

Panelists: Sarah Elwood, U. of Arizona; Dr. Peter E Hopkins, Lancaster U.; Dr. Lynne Manzo, U. of Washington

**3171. Post-socialism I: Challenges of European integration (Sponsored by Economic Geography Specialty Group, European Specialty Group, Russian, Central Eurasian, and East European Specialty Group)**

*Room:* Burnham 2 (Paper Session)

ORGANIZER(S): Marianna Pavlovskaya, Hunter College

CHAIR(S): Jeremy Tasch, U. of Alaska, Anchorage

**8:00** Georgeta Stoian Connor, Ph.D. Student\*, The U. of Georgia, *Theories of Integration and Immigration Outcomes within the European Union: Neofunctionalist and Intergovernmentalist Explanations.*

**8:20** Tatiana Matejskova\*, U. of Minnesota, "Mimetic Germans"? Narrative, Citizenship and Integration of Post-socialist Migrants in Germany.

**8:40** Christopher Francis Allan Drake\*, U. of British Columbia, *Scripting the Transition: 'The Economist' and the geopolitical transformation of Central and Eastern Europe.*

**9:00** Joel I Deichmann\*, Bentley College, *Foreign Direct Investment in Poland: Spatial Challenges of U.S. Firms One Year After Accession.*

Discussant(s): Stefan Buzar, U. of Oxford

**3173. Economic Geography: Global Commerce**

*Room:* Burnham 4 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Edward J Malecki, Ohio State U.

**8:00** Matthew A Zook, U. of Kentucky; Thomas R. Leinbach\*, U. of Kentucky, *E-Commerce, Value Chains and Firm Linkages.*

**8:20** Jessica Rothenberg-Aalami, Ph.D.\*, U. of California, Berkeley, *Beyond Dropping Boxes: Multinational Corporations (MNCs) and the Political Economy of Information Communication Technologies.*

**8:40** Peter J. Taylor\*, Loughborough U.; Rolee Aranya\*, Loughborough U., *Changes in Connectivity in the World City Network, 2000-04.*

**9:00** Youliang Qiu\*, U. of Florida, *G-Trust: A technology enhances e-Commerce security.*

**9:20** Edward J Malecki\*, Ohio State U.; HU Wei, The Ohio State U., *A Wired World: The Geography of Submarine Cables.*

**THURSDAY, MARCH 9**

**8:00 AM - 9:40 AM**

**3100**

**3174. The emotional geographies of 'doing ethnography' 1: BODIES (Sponsored by Qualitative Research Specialty Group)**

*Room:* Burnham 5 (Panel Session)

ORGANIZER(S): Katie Walsh; Rebecca A. Sheehan, Louisiana State U.

CHAIR(S): Katie Walsh

Panelists: Rebecca A. Sheehan, Louisiana State U.; Ben Anderson, Durham U.; Lydia M. Pulsipher, U. of Tennessee; William F. Fagan, Northwestern State U.; Trushna Parekh, U. of Texas, Austin



**10:00 a.m. – 11:40 a.m.****3201. Military Geography I: Landscapes of Change (Sponsored by Military Geography Specialty Group)***Room: Salon 1 (Paper Session)*

ORGANIZER(S): Dr. Francis A. Galgano, Jr., United States Military Academy

CHAIR(S): Dr. Francis A. Galgano, Jr., United States Military Academy

**10:00** Francis A. Galgano, Associate Professor, U.S. Military Academy; Francis A. Galgano\*, United States Military Academy, *A Geographical Analysis of Un-Governed Spaces*.**10:20** Jon C. Malinowski\*, U.S. Military Academy, *Feral Cities: Evidence from American History*.**10:40** Eugene J. Palka, Professor\*, US Military Academy, West Point, *Afghanistan's Landmine Problem: An Enduring Tragedy*.**11:00** Richard W. Dixon\*, Texas State U., *Climate and the Military*.**11:20** Brian Doyle\*, United States Military Academy, *The Future of NATO and the EU*.**3202. Immigration and Multiculturalism in an Age of Insecurity***Room: Salon 2 (Panel Session)*

ORGANIZER(S): Robert M. Vanderbeck, U. of Leeds; Deborah A. Phillips, U. of Leeds

CHAIR(S): Robert M. Vanderbeck, U. of Leeds

Panelists: Joe T. Darden, Michigan State U.; Audrey L. Kobayashi, Queen's U.; Deborah A. Phillips, U. of Leeds; Jasbir Puar, Rutgers U.; Michael Samers, U. of Nottingham; Lynn Staeheli

**3203. Climatology, Climate Change, and Water Resources***Room: Salon 3 (Illustrated Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Wendy W Patzewitsch, Texas A&amp;M U.

**10:00** Stacy R. Rebich\*, U. of California, Santa Barbara; Catherine Gautier, U. of California, Santa Barbara, *A Cartographic Visualization Approach to Concept Map Evaluation: "Seeing" knowledge structure and uncovering common misconceptions about climate change*.**10:05** Kent M. McGregor\*, U. of North Texas, *ENSO Relationships to Precipitation and Runoff in the Southwest U.S. from the Reanalysis Model*.**10:10** Frederick B. Chambers\*, U. of Colorado at Denver; Brian K. Page, U. of Colorado at Denver; Anthony J. Brazel, Arizona State U., *20th century urban heat island variations due to production and cessation of coke production, Uniontown, PA*.**10:15** David Mann\*, The U. of Tennessee, Knoxville; Henri Grissino-Mayer, Dr, The U. of Tennessee, Knoxville, *Tree rings as indicators of ecological processes at treeline: Frost rings and temperature*.**10:20** Jennifer Mary Collins, PhD\*, U. of South Florida, *Teleconnections between the North Atlantic and Northeast Pacific basins related to hurricane frequency*.**10:25** David P Walker\*, U. of Nevada, Reno, *Jet Streak and Heavy Snowfall in the Sierra Nevada Range*.**10:30** Donna Jean Moffett\*, Rowan U.; John Hasse, Ph.D., Rowan U., *Sprawl and Impervious Surface: Is Smart Growth Really Better for Water Quality?*.

**10:35** Sarah Assefa\*, HERO, Clark U., *Assessing Vulnerability to Drought in the Ipswich River Watershed, MA.*

**10:40** Wendy W Patzewitsch\*, Texas A&M U., *Water Use Regimes: A View from Historical Environmental Geography.*

**3204. Panel: The Geography of Wine in Cultural Geography (Sponsored by Wine Specialty Group)**

*Room:* Salon 4 (Panel Session)

ORGANIZER(S): Percy H. Dougherty, Kutztown U. of Pennsylvania

CHAIR(S): Percy H. Dougherty, Kutztown U. of Pennsylvania

Introducer: Teresa L. Bulman

Discussant(s): Dr. Christopher Brown, New Mexico State U.

Panelists: George Franklin, Jr. McCleary, U. of Kansas; Kenneth C. Martis, West Virginia U.; Zoran Pavlovic, Oklahoma State U.; James L. Newman, Syracuse U.

**3205. Demography and Ageing (Sponsored by Regional Studies Association, Geographic Perspectives on Women Specialty Group, Committee on the Status of Women in Geography)**

*Room:* Salon 5 (Panel Session)

ORGANIZER(S): Sally Hardy; Irene Hardill, Nottingham Trent U.

Panelists: Irene Hardill, Nottingham Trent U.; Sharmistha Bagchi-Sen, SUNY-Buffalo; Dr. Helen Lawton Smith, Birkbeck U. of London; Anne Green, IER, U. of Warwick; Kevin E. McHugh, Arizona State U.

**3206. Author-meets-critics: Switzerland - An Urban Portrait by Diener, Herzog, de Meuron, Meili, Schmid**

*Room:* Salon 6 (Panel Session)

ORGANIZER(S): Ute Lehrer, York U.; Roger Keil, York U.

CHAIR(S): Roger Keil, York U.

Introducer: Christian Schmid

Discussant(s): Erik Swyngedouw; Ute Lehrer, York U.; Douglas Young, York U.; Edward Soja, UCLA; Markus Hesse

**3207. Geography Education**

*Room:* Salon 7 (Interactive Short Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Joel Quam, College of DuPage

**10:00** Alice L. Jones, PhD\*, Eastern Kentucky U. - Geography; Danita M. LaSage, PhD, Eastern Kentucky U.- Earth Sciences, *The Muddy Creek Initiative: An Interdisciplinary Place-Based Watershed Partnership.*

**10:05** Jodocus Wayne Prosser\*, Texas A&M U.; Sandra Metoyer, Department of Geography, Texas A&M U.; Christian Brannstrom, Department of Geography, Texas A&M U.; Courtney Harmon, Department of Geography, Texas A&M U.; Aya Oda, Department of Geography, Texas A&M U.; Kirk Oda, Department of Geography, Texas A&M U.; Zeng Cheng, Department of Geography, Texas A&M U.; Bernie Kohman, Department of Geography, Texas A&M U., *The prevalence of "dead" Internet references in leading geography journals: A case for concern?.*

- 10:10** Edward Aguado\*, San Diego State U., *Physical Science in Introductory Physical Geography Courses.*
- 10:15** Ashley Littell\*, Western Kentucky U., *Study Abroad Pedagogy and Student Engagement in University Field Based Programs.*
- 10:20** Phil L. Crossley\*, Western State College, *Local Geocaching Exercise to Teach UTM and GPS.*
- 10:25** Allen Finchum\*, Oklahoma State U., *An Analysis of Geography Faculty Migration and Hiring Patterns.*
- 10:30** Joel Quam, Associate Professor\*, College of DuPage, *Geography Party as Final Exam.*

**3208. Europe Bound?**

*Room:* Salon 8 (Paper Session)

ORGANIZER(S): Angus Cameron, U. of Leicester; Alun Jones, U. of Leicester

CHAIR(S): Alun Jones, U. of Leicester

**10:00** Alun Jones\*, U. of Leicester, *The Narrative-Based Production of State Spaces for International Region Building.*

**10:20** Julian Clark, Dr.\*, Birkbeck College, U. of London, *"Learning Europe's Ways? The Europeanization of eastern European political elites".*

**3209. The International Polar Years and Geography: A Legacy for the Future II (Sponsored by Climate Specialty Group, Geomorphology Specialty Group, Cryosphere Specialty Group, AAG Archives, Association History Committee)**

*Room:* Salon 9 (Paper Session)

ORGANIZER(S): Frederick E. Nelson, U. of Delaware; Jerry Brown

CHAIR(S): Frederick E. Nelson, U. of Delaware

**10:00** Nancy C. Doubleday, Ph.D.\*, Carleton U., *Innovation, Knowledge Integration and Geography: The IGU Commission on Cold Region Environments.*

**10:20** Katrina Dean, Dr, U. of Bristol; Simon K. Naylor, Dr\*, U. of Bristol; Martin Siegert, Professor, U. of Bristol, *A history of subglacial exploration in Antarctica.*

**10:40** Tingjun Zhang\*, U. of Colorado; Mark A. Parsons, National Snow and Ice Data Center; Roger G. Barry, National Snow and Ice Data Center, *Statistics of Global Permafrost Distribution.*

**11:00** Gwangyong Choi\*, Rutgers U.; David A. Robinson, Rutgers U., *Recent Spring Onset in the Northern Hemisphere.*

Discussant(s): Jerry Brown

**3211. Dendrochronology II: Dendroclimate (Sponsored by Climate Specialty Group, Biogeography Specialty Group)**

*Room:* Salon 11 (Paper Session)

ORGANIZER(S): James H. Speer, Indiana State U.; Henri D. Grissino-Mayer, U. of Tennessee

CHAIR(S): Christopher M. Gentry, Indiana State U.

**10:00** David Harms Holt, Ph.D.\*, Miami U., *Trees, Humans, Climate and Milankovitch: potential impacts of orbital oscillations in paleoclimatic reconstruction of higher latitudes from river valley trees in central Europe.*

- 10:20 Scotty Strachan, U. of Nevada, Reno; Franco Biondi\*, U. of Nevada, Reno; John Kleppe, U. of Nevada, Reno, *Tree-Ring Dating of Submerged Trees in Fallen Leaf Lake, California.*
- 10:40 Malcolm K. Cleaveland, PhD\*, U. of Arkansas, *Choices in Reconstructin Central Texas Climate.*
- 11:00 Jesse Rogers Edmondson\*, U. of Arkansas - Fayetteville, *Tree-Ring Analysis of an Ancient Red Cedar Stand in the Oklahoma Cross Timbers.*
- Discussant(s): Christopher M. Gentry, Indiana State U.

**3213. Urban Social Geography**

Room: *Cresthill Room 11* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Karen Johnson-Webb, Bowling Green State U.

- 10:00 Kathleen Noreisch\*, King's College London, U. of London, *Catchment areas and school choice: the case of Berlin.*
- 10:20 Emma Wainwright\*; Elodie Marandet\*, *The training-to-work trajectory: pressure for and resistance to participation in the neo-liberal learning market among mothers in West London..*
- 10:40 Edward F Hartwick\*, Michigan State U., *The Impact of Environmental and Aesthetic Factors on Riverine Property Values.*
- 11:00 Kenneth Chilton\*, U. of North Carolina - Charlotte; Huili Hao\*, U. of North Carolina - Charlotte, *Whither Environmental Stigma? Impacts of Brownfields Development in Charlotte, NC.*
- 11:20 Karen D. Johnson-Webb, Ph.D.\*, Bowling Green State U., *The Role of Migration, Family Characteristics and English-Language Ability in Hispanic, African American and White Youth Academic Achievement.*

**3214. Authors Meet Critics 2: Retort's 'Afflicted Powers: Capital and Spectacle in a New Age of War' (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group, Urban Geography Specialty Group)**

Room: *Crystal Room* (Panel Session)

CHAIR(S): Alexander P. Vasudevan, U. of Nottingham

Panelists: Iain Boal, Institute of International Studies, U. of California, Berkeley; TJ Clark, Modern Art, U. of California, Berkeley; Joseph Matthews, U. of California, Berkeley; Arjun Appadurai, John Dewey Professor in the Social Sciences, New School; Prof. David Campbell; Gerard Toal, Virginia Tech; Cindi Katz, CUNY Graduate Center

**3215. Community Tourism II: Benefits and Sustainability (Sponsored by Recreation, Tourism, and Sport Specialty Group)**

Room: *Private Dining Room 4* (Paper Session)

ORGANIZER(S): Robert E. Pfister, East Carolina U.

CHAIR(S): Susan Stewart

- 10:00 Robert E. Pfister\*, East Carolina U.; Yasong Wang, Pennsylvania State U., *Attitudes of Washington Residents on Tourism Development.*
- 10:20 Oksana Grybovich, MSc\*, U. of Northern Iowa; Jill K Lankford, MLA, MUP, U. of Northern Iowa, *Development of a Regional Wine Culture in Eastern Iowa Communities.*

10:40 Sam V Lankford, U. of Northern Iowa; Ariana Cela\*, U. of Northern Iowa, *Visitor Characteristics and Economic Impacts of Heritage Tourism: A Case Study of the Silos & Smokestacks National Heritage Area.*

Discussant(s): Susan Stewart

**3216. Religion as Geopolitics (Sponsored by Geography of Religions and Belief Systems Specialty Group)**

Room: *Private Dining Room 5* (Paper Session)

ORGANIZER(S): Mr. Tristan Sturm; Mr. Jay Joshi

CHAIR(S): Mr. Tristan Sturm

10:00 Jay S Joshi, M.A.\*, Carleton, *St. Augustine, Geopolitics, and the Roman Ideology.*

10:20 Tristan Sturm\*, Carleton U., *Prophetic Eyes: The Theatricality of Mark Hitchcock's Premillennial Geopolitics.*

10:40 Chad F. Emmett\*, Brigham Young U., *From on High: Geopolitics and Christianity in Indonesia.*

11:00 Frank J. Fillebeck\*, Louisiana State U., *Geopolitics, Religiosity and the Rastafarian Poetics of Scale.*

11:20 Steven Flusty\*, York U., *Cities of Heaven.*

**3217. Animal Geographies**

Room: *Private Dining Room 6* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): James Daniel Lowry, Jr., Stephen F. Austin State U.

10:00 Nicole Marie Dufour\*, U. of Alaska Fairbanks; Jill Brody, PhD, Louisiana State U., *The Incorporation of Family Pets Into Emergency Evacuation Procedures.*

10:20 Maggie Chapman\*, U. of Edinburgh, Scotland, *Alien constructions: where animals do not belong.*

10:40 David Lulka\*, *Representation and materiality: defining and re-defining the place of children and animals in La Jolla, California.*

11:00 Jennifer Parker\*, The U. of Montana, *Community Rapid Response to Earthquakes Based Upon Animal Behavior: Putting Indigenous Knowledge to Work.*

**3218. Energy Policy & Geographic Research: The Year in Review (Sponsored by Energy and Environment Specialty Group)**

Room: *Private Dining Room 7* (Panel Session)

ORGANIZER(S): Scott Jiusto, Worcester Polytechnic Institute

CHAIR(S): Michael K. Heiman, Dickinson College

Panelists: Michael K. Heiman, Dickinson College; Chris W. Baynard, U. of North Florida; Scott Jiusto, Worcester Polytechnic Institute

**3219. Nature, Science and Law: Legal Geographies of Nature (Session 2) (Sponsored by Human Dimensions of Global Change Specialty Group)**

Room: *Private Dining Room 8* (Paper Session)

ORGANIZER(S): Ms. Emily Quinton; Mr. Samuel Randalls, U. of Birmingham

CHAIR(S): Mr. Samuel Randalls, U. of Birmingham

10:00 Mary E. Curran\*, Eastern Connecticut State U., *Regulatory Fictions and Environmental Productions.*

**10:20** Emily Quinton\*, *The Legal Geographies of Ornamental Plant Hunting*.

**10:40** Daniel Robinson\*, Researcher with: The U. of New South Wales, and the Intellectual Property Institute of Australia, *The Problematics of Community Land Tenure, Traditional Knowledge and Plant Genetic Resources in the Modern Conservation Paradigm..*

**11:00** Paul Schiff Berman, Professor\*, U. of Connecticut School of Law, *Legal Jurisdiction and the Problem of Territoriality*.

Discussant(s): Sarah Whatmore, Oxford U.

**3220. Geographic Programs for the 2010 Census**

Room: *Private Dining Room 9* (Paper Session)

**10:00** April Avnayim\*, U.S. Bureau of the Census, *Participant Statistical Areas: Considerations for Census 2010*.

**10:20** Laura L. Waggoner\*, U.S. Bureau of the Census, *Boundary and Annexation Survey Developments*.

**10:40** Timothy F. Trainor\*, U.S. Bureau of the Census, *Update on MAF/TIGER Modernization*.

**3223. Panel on Gender and Water (Sponsored by Geographic Perspectives on Women Specialty Group, Cultural and Political Ecology Specialty Group, Water Resources Specialty Group)**

Room: *Private Dining Room 16* (Panel Session)

ORGANIZER(S): Farhana Sultana, U. of Minnesota

CHAIR(S): Prof. Nina Laurie, Newcastle U., UK

Panelists: Farhana Sultana, U. of Minnesota; Ms. Yaffa Truelove; Susanne Steinmann, Portland State U.; Kathleen O'Reilly, U. of Illinois; Sarah Jean Halvorson, U. of Montana; Prof. Nina Laurie, Newcastle U., UK; Anne Luginbühl

**3224. Editing and writing for mountain journals (Sponsored by Mountain Geography Specialty Group)**

Room: *Private Dining Room 17* (Panel Session)

ORGANIZER(S): Theodore Wachs, Centre for Development and Environment

CHAIR(S): Theodore Wachs, Centre for Development and Environment

Panelists: David R. Butler, Texas State U. - San Marcos; George Malanson, U. of Iowa; Theodore Wachs, Centre for Development and Environment

**3226. Racial Discourse, Spatial Practices, and the Materiality of Race**

Room: *Monroe Ballroom* (Paper Session)

ORGANIZER(S): Laura Y. Liu, New School U.; Wendy Cheng, U. of Southern California

CHAIR(S): Laura Y. Liu, New School U.

**10:00** Clement Lai\*, U. of California - Berkeley, *The Best of East and West: The Japanese Cultural and Trade Center and the Production of Orientalized Space*.

**10:15** Minelle Mahtani, PhD\*, Assistant Professor, *Racializing the Audience: The Geographies of Multiracial News Consumption*.

**10:30** Wendy Hsin Cheng\*, U. of Southern California, *What does it mean to 'be' Asian? An Exploration of 'Racial Capitalism' as a Theoretical Framework*.

**10:45** Laura Y. Liu, PhD\*, The New School, *Laboring over Language: Power, Collectivity, Identity, and Class in the Language of Community Organizing*.

11:00 Maureen Sioh\*, *Pricing race and circulating anxieties: negotiating currency exchange rates.*

Discussant(s): Ruth Wilson Gilmore, U. of Southern California

**3227. Geography Education / Medical Geography**

Room: Adams Ballroom (Poster Session)

ORGANIZER(S): Program Committee

Meg E. Stewart\*, Vassar College; Mary Ann Cunningham, Vassar College; Kirsten Menking, Vassar College, *Teaching environmental studies, urban studies, and geomorphology using tablet PC technology and GIS.*

Suzanne Struve\*, Blinn College; Angie E Wood, Blinn College; Susan C Slowey, Blinn College, *Engaging Community College Students in Geography.*

Patricia Gober\*, Arizona State U.; Donald J. Zeigler\*, Old Dominion U.; Barbara Hildebrant, Educational Testing Service; Tim Strauss\*, U. of Northern Iowa; Greg Sherwin, Stevenson High School, *An Infrastructure to Support Advanced Placement (AP®) Human Geography.*

Beth N Weisenborn\*, Michigan State U. - Geography; Richard E. Groop, PhD, Michigan State U. - Geography (Chair); Alan F. Arbogast, PhD, Michigan State U. - Geography; Antoinette M.G.A. WinklerPrins, PhD, Michigan State U. - Geography; Jay R. Harman, PhD, Michigan State U. - Geography, *Assessing Online Geography Courses at Michigan State University.*

Alan F. Arbogast, Associate Professor\*, Michigan State; Ryan A. Flahive, Executive Editor, John Wiley and Sons, Inc., *Developing an Earthcache Database for Physical Geography.*

Michael J Keables\*, U. of Denver, *Experiential Learning in the Geography Curriculum.*

Juli Bell\*, Purdue U.; Carrie Davis, Purdue U., *Incorporation of Alternative Learning Methods in a Physical Geography Lecture.*

Carol A. Gersmehl\*, Hunter College, CUNY, *Spatial Thinking Skills: U.S. Geography and GIS for Middle Schoolers.*

Jess C. Porter\*, Oklahoma State U., *Easy, accessible, and free: Internet GIS and map servers for the middle school classroom.*

Brandon D. Cramer\*, *Geographic literacy and the press - print media portrayals of the Middle East.*

Winston McKenna\*, Louisiana State U., *Spatial and yearly variations in surf related neck and back injuries in Ocean City, Maryland.*

Keith Burmaster\*, *Polio Virus Vulnerabilities in Texas Counties.*

Robert G. Cromley\*, U. of Connecticut; Ellen K. Cromley, U. of Connecticut; Yanlin Ye, U. of Connecticut, *Numerators And Denominators: Ogive Legends For Medical Mapping.*

Devonee E Harshburger\*, U. of Idaho; Harley Johansen, PhD, U. of Idaho; Eric Delmelle, PhD, U. of Idaho, *Efficacy of the Medically Underserved Area (MUA) program to determine health care access risk in Idaho.*

Karl K. Leiker\*, Westfield State College; Ryan . O'Connell\*, Westfield State College, *Spatial distribution of heat mortality in New York City in the 1901 heat wave.*

Cynthia Leigh Janes, and Hari P. Garbharran\*, Department of Geosciences, Middle Tennessee State U., P.O. Box 9 Murfreesboro, TN 37132, *Orphans and Vulnerable Children's (OVC) Care and Support Intervention in 4 constituencies in Swaziland.*

R. M. Selya\*, U. of Cincinnati, *Abnormally Elevated Sex Ratios in Taiwan, Revisited.*

**3228. Geovisualization**Room: *Parlor A* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Eva Siekierska, Natural Resources Canada

**10:00** David Heyman\*, U. of Wisconsin - Madison, *BallotBank: Assisted Geographic Visualization and Data Exploration for Elections and Political Science.***10:20** Sven Fuhrmann\*, Texas State U., *Human-Centered Design in Geovisualization.***10:40** Mathew A. Dooley\*, U. of Nebraska-Lincoln; Stephen J. Lavin, U. of Nebraska-Lincoln, *Visualizing Method-Produced Uncertainty in Isometric Mapping.***11:00** Bradley A. Shellito\*, Youngstown State U.; Rob Carter, Youngstown State U.; Paul Groman, Youngstown State U.; Jamie Webber, Youngstown State U., *Building a Better Campus: GIS and 3D Visualization Applied to University Planning.***11:20** Eva M Siekierska, Ph.D\*, Natural Resources Canada, *Dynamic visualizations of urban growth..***3229. Iraq - Layers of Conflict**Room: *Parlor B* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Dr. Chuck Fahrner, Georgia College &amp; State U.

**10:00** Jasem M. Karam Jerkhi\*, U. of Kuwait, *The boundary dispute between Kuwait and Iraq : an endless dilemma.***10:20** Mohameden Ould-Mey\*, Indiana State U., *New Conservatives or Old Zionists?: The Conspiracy against Iraq to Secure Israel.***10:40** Kyle Thomas Evered\*, Michigan State U., *Pluralism in Iraq and the status of the Turkmen Minority.***11:00** Chuck Fahrner\*, Georgia College & State U., *Jihadists from Iraq: Future Threats.***3230. Dairy and Livestock**Room: *Parlor C* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): J.M. Shawn Hutchinson, Department of Geography, Kansas State U.

**10:00** Dawn M Drake\*, U. of Delaware, *Fair-Weathered Cows? The Possible Connection Between Climate and Mastitis in Dairy Cows.***10:20** John A. Cross\*, U. of Wisconsin-Oshkosh, *Challenges facing America's Dairy Industry.***10:40** Mrill Ingram\*, U. of Wisconsin-Madison, *Personal, Community and Biophysical Dimensions of Six Environmental Sustainability Programs on Dairy Farms in the U.S. Midwest..***11:00** J.M. Shawn Hutchinson, Ph.D.\*, Department of Geography, Kansas State U.; Lori Emerson Emerson, Department of Geography, Kansas State U.; Sonny Oko, Department of Geology, Kansas State U., *Agricultural Biosecurity and GIS: A Site Evaluation Model for Livestock Disposal.***3231. Coastal geomorphology 2 (Sponsored by Coastal and Marine Specialty Group)**Room: *Parlor D* (Paper Session)

ORGANIZER(S): Diane P. Horn, Birkbeck College, U. of London

CHAIR(S): Diane P. Horn, Birkbeck College, U. of London

**10:00** Frank Hopf\*, Texas A&M U., - *Current Coastal Geomorphology Process Research and the U.S. Army Corps of Engineers' Coastal Engineering Manual.*



**10:20** Caroline Thais Martinho\*, Louisiana State U.; Sergio Rebello Dillenburg, Universidade Federal do Rio Grande do Sul/ UFRGS-BRAZIL, *Wave height gradients along the Rio Grande do Sul coast, Southern Brazil.*

**10:40** Jennifer L. Rahn\*, Independent Geographer, *Coastal and Underwater Geography of Saba, Netherlands Antilles, Caribbean.*

**3232. Cultural Geography in South America**

*Room:* Parlor E (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Carlos F. Mena, U. of North Carolina at Chapel Hill

**10:00** Angela Steward\*, The Graduate Center, The City U. of New York, *Livelihood diversification and deagrarianization in the Amazonian community of Carvão, a historical perspective.*

**10:20** Stephanie Coen\*, McGill U.; Sarah Turner, McGill U.; Nancy Ross, McGill U., *"Without tiendas it's a dead neighbourhood": a look at the social functions of neighbourhood trade-stores in Bolivia.*

**10:40** Manuel F Peralvo\*, The U. of Texas at Austin, *Politics of scale and local institutions: the example of the Quechua community of Oyacachi, Ecuador.*

**11:00** Lissette Aliaga Linares\*, UNIVERSITY OF TEXAS-AUSTIN, *Feeding the poor? Spatial Patterns and consumers' demographics in Metropolitan Santiago Informal Food System.*

**11:20** Carlos F. Mena\*, U. of North Carolina at Chapel Hill, *Demographic, Socioeconomic, And Biophysical Factors Affecting Land Use And Land Cover Change In The Northern Ecuadorian Amazon: Drivers, Statistical Models And Spatial Explicit Models.*

**3234. Indigenous Agency: Place, Identity, and Local Action (Sponsored by Indigenous Peoples Specialty Group)**

*Room:* Parlor G (Paper Session)

ORGANIZER(S): Dr. RDK Herman, Towson U.

CHAIR(S): Dr. RDK Herman, Towson U.

**10:00** Chie Sakakibara\*, U. of Oklahoma, *Tikigaq Ghost Stories: Contemporary Inupiat Identity and Place-Making in the Time of Climate Change.*

**10:20** Aaron Pollack\*, Clark U., *K'iche' Uprising in Totonicapan, 1820: The places of subaltern politics.*

**10:40** Gregory L Acciaioli, Dr\*, The U. of Western Australia, *(De-)Constructing Environmentality in Central Sulawesi: Indigeneity, Conservation and Local Control in the Lore Lindu National Park (Indonesia).*

**11:00** Bettina Koschade\*, *Competing geographies: Aboriginal notions of jurisdiction.*

Discussant(s): Stan Stevens, U. of Massachusetts

**3235. Fire on the Mountain: Wildfire hazards, GIS and Remote Sensing (Sponsored by Geographic Information Science and Systems Specialty Group, Hazards Specialty Group, Remote Sensing Specialty Group)**

*Room:* Parlor H (Paper Session)

ORGANIZER(S): Tom Cova, U. of Utah; Michael E. Hodgson, U. of South Carolina

CHAIR(S): Rutherford V. Platt, Gettysburg College

**10:00** Mary C. Henry\*, Miami U., *Object-Oriented Mapping of Wildfires in Ocala National Forest, Florida.*

- 10:20** Max A. Moritz\*, U. of California; Maggi Kelly, U. of California, Berkeley; Faith Kearns, U. of California, Berkeley; Patty Frontiera, U. of California, Berkeley; Casey Cleve, U. of California, Berkeley; Joe Sapp, U. of California, Berkeley; Stephanie Waite, U. of California, Berkeley; Noah Goldstein, Lawrence Livermore National Lab, *A webGIS decision-support tool for parcel-based fire hazard assessment in California*.
- 10:40** Philip E. Dennison\*, U. of Utah; Thomas J. Cova, U. of Utah; Max A. Moritz, U. of California, Berkeley, *Modeling community evacuation triggers for extreme wildfire conditions*.
- 11:00** Tom Cova\*, U. of Utah, *New GIS-based measures of wildfire evacuation vulnerability and associated algorithms*.
- 11:20** Rutherford V. Platt, Ph.D.\*, Gettysburg College; Thomas T Veblen, Ph.D., University of Colorado at Boulder; Rosemary Sherriff, Ph.D., U. of Hawaii at Hilo, *Uncertainty in the Wildland-Urban Interface: Scenarios of Exurban Development, Climate, and Historic Fire Regimes*.

**3237. Migrant Workers/Trans-National Lives In The 'Global' City 2**

Room: *Dearborn 1* (Paper Session)

ORGANIZER(S): Dr. Jon May; Dr. Linda McDowell, U. of Oxford

CHAIR(S): Dr. Linda McDowell, U. of Oxford

- 10:00** Kavita Datta\*, Department of Geography, Queen Mary U. of London, Mil End Road; Yara Evans, Department of Geography, Queen Mary, U. of London; Joanna Herbert, Department of Geography, Queen Mary, U. of London; Jon May, Department of Geography, Queen Mary, U. of London; Cathy McIlwaine, Department of Geography, Queen Mary, U. of London; Jane Willis, Department of Geography, Queen Mary, U. of London, *Making the City Work: low paid employment in London*.
- 10:20** Alison Stenning\*, U. of Newcastle upon Tyne; Tony Champion, U. of Newcastle upon Tyne; Cheryl Conway, U. of Newcastle upon Tyne; Mike Coombes, U. of Newcastle upon Tyne; Stuart Dawley, U. of Newcastle upon Tyne; Ranald Richardson, U. of Newcastle upon Tyne, *Migration from the 'New' Europe to the UK Regions: Migrant Workers Beyond the Global City*.
- 10:40** Inge Van Nieuwenhuyze\*, King's College London, *Experiences of Illegality in Barcelona and Antwerp*.
- 11:00** Benjamin N Smith\*, U. of Kentucky, *Labor Camps and Seven-Star Hotels: Migrants and the Making of the World City of Dubai*.

**3238. On the Geographies of Health and Sexuality (Sponsored by Geographic Perspectives on Women Specialty Group, Medical Geography Specialty Group, Sexuality and Space Specialty Group)**

Room: *Dearborn 2* (Panel Session)

Panelists: Matthew Sothorn, U. of Washington; Dr. Catherine Jean Nash; Dr. Phil Hubbard

**3239. Failed Geographies: What Happens When Things Go Wrong 2***Room: Dearborn 3 (Paper Session)*

ORGANIZER(S): Tim Cresswell, U. of Wales, Aberystwyth; Ulf Strohmayer, U. of Ireland Galway

CHAIR(S): Tim Cresswell, U. of Wales, Aberystwyth

**10:00** Ulf Strohmayer\*, National U. of Ireland, Galway, *Failure and Absence: the case of the Paris Olympics that never were..***10:20** Mary Gilmartin\*, U. College Dublin, *Taxi talk: the discourses of deregulation.***10:40** Jonathan D. Lepofsky\*, U. of North Carolina, *The Failure of the Same: Territorializing Community and Geographies of Responsibility in a Local Currency.***3241. Seeing and Hearing Environmental History: Video as a Public Awareness Tool (Sponsored by Rural Geography Specialty Group)***Room: Clark 1 (Paper Session)*

ORGANIZER(S): Ms. Jean Andrews, Ohio U.

CHAIR(S): Ms. Jean Andrews, Ohio U.

**10:00** Jean M. Andrews, M.S. Environmental Studies\*, Ohio U., *The Big Picture: How Collective Memory is Enhanced Using Documentary Video Technology in Rural Appalachian Ohio.***3243. Immigrants and Transnational Experiences in World Cities (II) (Sponsored by Population Specialty Group, Urban Geography Specialty Group, Ethnic Geography Specialty Group)***Room: Clark 3 (Paper Session)*

ORGANIZER(S): Carlos Teixeira, U. of British Columbia Okanagan; Wei Li, Arizona State U.

CHAIR(S): Dr. Susan Hardwick, U. of Oregon

**10:00** Pierpaolo Mudu\*, Universita Di Roma, *The geography of the Chinese restaurants in Rome.***10:15** Madeleine Wong\*, U. of Wisconsin-Madison, *Negotiating Experiences of Exclusion and Claims-Making in the Ghanaian Diaspora.***10:30** Nir Cohen\*, U. of Arizona, *Constructing Migration, Constructing Migrants: State Discourses and Israeli Emigration.***10:45** Deborah E. Popper\*, College of Staten Island; Rachel E. Golden, Rachel E. Golden Foundation, *A Juicy Story: The global juice market.***3245. Watershed Modeling II***Room: Clark 5 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Chen-Chieh Feng, U. of Wisconsin-Parkside

**10:00** Thomas Overly, Graduate Student\*, U. of Kansas; Xingong Li, Professor of Geography, U. of Kansas, *Frequency and spatial domain implementation of TOPMODEL in GIS.***10:20** L. Monika Moskal, PhD\*, Missouri State U.; Stephen VanRhein, Missouri Department of Conservation; R. Jon Woosley, Missouri State U., *Community cost assessment of storm water management: a geospatial perspective.*

- 10:40 Lei Wang\*, Texas A&M U.; Francisco Olivera, Texas A&M U.; Hongxing Liu, Texas A&M U., *Incorporating high resolution LIDAR DEM into a GIS-based distributed hydrologic model with variable spatial scales.*
- 11:00 Chen-Chieh Feng\*, U. of Wisconsin-Parkside, *A methodology for developing a data model for surface water flow.*

**3246. Re-making 'the Urban', Re-conceptualizing Urban Politics II: Cities 'Unbound' - The De/Re-territorialization of Urban Politics**

Room: Clark 7 (Paper Session)

ORGANIZER(S): Gordon MacLeod, U. of Durham; Joe Painter, U. of Durham

CHAIR(S): Joe Painter, U. of Durham

- 10:00 Susan E. Clarke\*, U. of Colorado, *Governance "Beyond-the-State" in Cross-border Regions.*
- 10:20 Juan Arredondo\*, Geography Department, Open U., *Dissecting Spatialities of Governance. On connections, relations, and understanding of La Coruna's politics of place.*
- 10:40 Tassilo Herrschel, Dr\*, U. of Westminster, London, *Urban Governance, Boundaries and the 'Virtual Region'?*
- 11:00 Ian R Cook\*, U. of Manchester; Kevin G Ward, Dr, U. of Manchester, *Constituting the urban political arena: a sympathetic critique of the policy transfer literature.*
- 11:20 Allan Cochrane\*, Open U., *Bounding the unbounded: urban governance beyond the city.*

**3248. Land Cover/Land Use Classification Using Remote Sensing**

Room: Clark 9 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Zachary Christman, Clark U.

- 10:00 J Ronald Eastman, Clark U., Graduate School of Geography; Birgit I Schmook, El Colegio de la Frontera Sur, Mexico, & Clark U., Graduate School of Geography; Rebecca Palmer Dickson\*, Clark U., Graduate School of Geography; Florencia Sangermano, Clark U., Graduate School of Geography; Jacqueline Michelle Vadjunec, Clark U., Graduate School of Geography, *Land Cover Classification of the Southern Yucatan Peninsular Region.*
- 10:20 Junchang Ju\*, Department of Geography, Boston U.; Sucharita Gopal, Department of Geography, Boston U.; Eric D Kolaczyk, Department of Mathematics and Statistics, Boston U., *Land cover and land use mapping using a multiscale multigranular framework and remotely sensed data.*
- 10:40 Fei Wang\*, Louisiana State U.; Nina S.-N. Lam, Louisiana State U., *Machine Learning Algorithms For Land-Cover And Land-Use Classification.*
- 11:00 Wenxue Ju\*, *Urban Land Use Characterization and Classification Based on Discriminant Analysis of Spatio-Spectral Indices.*
- 11:20 Zachary Christman\*, Clark U., *A comparison of MODIS-based vegetation indices and classified imagery for evaluating land-cover change over broad areas in Central Mexico..*

**3249. Resolving Conservation Issues with Social Science (Sponsored by Developing Areas Specialty Group, Cultural and Political Ecology Specialty Group, Biogeography Specialty Group)**

*Room:* Clark 10 (Panel Session)

ORGANIZER(S): William Forbes, Stephen F. Austin U.

CHAIR(S): William Forbes, Stephen F. Austin U.

Panelists: Chris Sneddon, Dartmouth College; Lisa Campbell, Duke U.; Robert E. Ford, Loma Linda U.; Dr. Michael Mascia; Barry D Solomon, Michigan Technological U.; Mikhail Blinnikov, St. Cloud State U.; Dr. Kathleen McAfee, U. of CA Berkeley; Dr. Michael K. Steinberg, U. of Hawaii; J Anthony Abbott, Stetson U.; John A. Gallo; Andrew Millington, Texas A&M U.

**3250. Preparing for Graduate School (Sponsored by Graduate Student Affinity Group)**

*Room:* LaSalle 1 (Panel Session)

ORGANIZER(S): Maria Fannin, U. of Washington; Jennifer Lee Pera

CHAIR(S): Niem Tu Huynh

Panelists: Wen Lin, U. of Wisconsin-Milwaukee; Mr. Raye Ng; Lynette Jacobson, U. of Iowa; Dr. Glen Norcliffe, York U.; Renee Sieber, McGill U.; Jennifer Lee Pera

**3251. Historical Geographies of the Midwest (Sponsored by Historical Geography Specialty Group, Cultural Geography Specialty Group)**

*Room:* LaSalle 2 (Paper Session)

ORGANIZER(S): Matthew Liesch, U. of Wisconsin-Madison; Mr. Travis Tennesen

CHAIR(S): Matthew Liesch, U. of Wisconsin-Madison

**10:00** Travis Tennesen\*, U. of Wisconsin-Madison, *Broken Ground: The unfortunate legacy of conservation in the Little Missouri Badlands.*

**10:20** Amanda S. Peterson\*, Department of Geography, U. of Wisconsin-Madison, *Constructing Ethnic Identity in the Upper Midwest.*

**10:40** Ryan Douglas Weichelt\*, U. of Nebraska, *Rural Taverns in North Central Wisconsin.*

**11:00** Matthew Liesch\*, U. of Wisconsin-Madison, *Early Days on the Gogebic Iron Range: Reputation, Riches and Rowdiness.*

Discussant(s): John C. Hudson, Northwestern U.

**3252. Storied Spaces: New Research on Narrative Geographies - Session 1: Journeys (Sponsored by Cultural Geography Specialty Group)**

*Room:* LaSalle 3 (Paper Session)

ORGANIZER(S): Dr. Gareth C. Hoskins, U. of Wales, Aberystwy

CHAIR(S): Dr. Gareth C. Hoskins, U. of Wales, Aberystwy

**10:00** Deborah Sporton, Dr\*, U. of Sheffield, *Post conflict identities, affiliations and practices of young Somali refugees and asylum seekers.*

**10:10** Daniel John Sage\*, Institute of Geography and Earth Science, *'Narrating the void': geographies of cosmic storytelling.*

**10:30** Liana Tuttle Vasseur\*, U. of Kentucky, *Landscapes of Exile: Representing Post-Revolutionary Havana from Afar.*

**10:50** Susan P. Mains\*, U. of the West Indies-Mona, *Moving Stories: Narrating Jamaican Migration.*

**11:10** Patricia L. Price\*, Florida International Univ., *Elián's Story: Narrative Constructions of 'Race' and (dis)Place.*

**3254. Participatory Research, Mapping, and Representing Peoples in Geography***Room:* LaSalle 5 (Panel Session)

ORGANIZER(S): Mr. Peter H. Herlihy, U. of Kansas

CHAIR(S): Eric P Perramond, Colorado College

Panelists: Miguel Aguilar-Robledo, Universidad Autónoma De San Luis Potosí; David M. Cochran, Jr., U. of Southern Mississippi; Mr. Peter H. Herlihy, U. of Kansas; John H. Kelly; Garth Andrew Myers, U. of Kansas; Nancy Peluso, U. of California; Aida Ramos Viera, Universidad De San Luis Potosí; Robert A. Rundstrom, U. of Oklahoma; Bjorn Sletto, Cornell U.

**3256. Alternative GIS Professional Masters Degree Models (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group, Geography Education Specialty Group)***Room:* Sandburg 2 (Panel Session)

ORGANIZER(S): Breandan O HUallacháin, Arizona State U.

CHAIR(S): Breandan O HUallacháin, Arizona State U.

Panelists: Jeffrey Wilson, Indiana U-Purdue U at Indianapolis; Mark Kumler, U. of Redlands

**3257. People's struggles and resources management (Sponsored by Cultural and Political Ecology Specialty Group)***Room:* Sandburg 3 (Panel Session)

ORGANIZER(S): Ms. Angela Cacciarru

CHAIR(S): Ms. Angela Cacciarru

Discussant(s): Wendy Wolford, U. of North Carolina at Chapel Hill

Panelists: Prof. Eunice Sahle; Dr. Manoela Guidorizzi Borges, U. of Colorado; Vanessa Empinotti, U. of Colorado - Boulder; Mr. Benson Wilder; Ms. Angela Cacciarru

**3258. Changing Geography Education: sponsored by HERODOT***Room:* Sandburg 4 (Paper Session)

ORGANIZER(S): Karl Donert

CHAIR(S): Karl Donert

**10:00** Karl Donert\*, Liverpool Hope U., *HERODOT: An international network, the first three years.***10:20** Anne Wheeler, Dr\*, School of Applied Sciences, U. of Wolverhampton, UK, *The Use of ICT in Fieldwork to Enhance Student Learning.***10:40** Ekaterini Ioanni Klonari, Dr.\*, Aegean U. of Greece, *The Abilities of Primary School Students To Use Aerial Photos And Maps In The Course of Geography.***11:00** Manuel Molla\*, Universidad Autonoma De Madrid, *The Proposal of a new Bachelor in Geography within the Scope of Bologna Agreement.*

Discussant(s): Joseph J. Kerski, United States Geological Survey

**3259. Globalization and the New Chinese Economy II: Urban Transformation (Sponsored by Economic Geography Specialty Group, China Specialty Group, Asian Geography Specialty Group)**

*Room:* Sandburg 5 (Paper Session)

ORGANIZER(S): George Lin, U. of Hong Kong

CHAIR(S): Prof. Xiaobin Zhao, U. of Hong Kong

**10:00** Roger C.K. Chan\*, The U. of Hong Kong, *Urban Planning, Governance and Sustainability in China.*

**10:15** Christopher J. Smith\*, U. at Albany, *Global Expectations and Domestic Promises: Beijing and the 2008 Olympic Games.*

**10:30** Hong Chen\*, Miami U., *Post-socialist Urban Development in China: A Case Study on Sports Events in Guangzhou.*

**10:45** Zhilin Liu\*, Cornell U., *The political economy of housing and its implications: the case of the affordable housing policy in the emerging housing market in a transitional urban China.*

**11:00** Xiaobin Zhao\*, U. of Hong Kong, *Emerging Patterns of Headquarter Economy in China: Hong Kong, Beijing and Shanghai.*

**3260. The Role of Multiculture Cities, Aged Society, and Okinawa in Japanese Geography (Sponsored by Historical Geography Specialty Group, Cultural Geography Specialty Group, Asian Geography Specialty Group)**

*Room:* Sandburg 6 (Paper Session)

ORGANIZER(S): Unryu Suganuma, Obirin Univesity

CHAIR(S): Shawn M. Banasick, Kent State U.

**10:00** Kenji Yamazaki, Dr.\*, Iwate U., *The Damage by the December 2004 Tsunami: A Case of Seenigam, Sri Lanka.*

**10:18** David W. Edgington\*, U. of British Columbia, *'Gaijin' are Residents Too: Multiculturalism and Cities in Japan.*

**10:36** Helmuth Toepfer\*, U. of Bonn, *Ageing and socioeconomic structures in Japan.*

**10:54** Shawn M. Banasick, Ph.D.\*, Kent State U., *Lawyers, guns and money: The legal geographies of U.S. military bases in Okinawa, Japan..*

**11:12** Unryu Suganuma\*, Obirin Univesity, *Ryukyu Kingdom, Okinawa, and Japan.*

Discussant(s): Pradyumna P. Karan, U. of Kentucky

**3261. Spatial Data Mining and Exploratory Data Analysis (2) (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group)**

*Room:* Sandburg 7 (Paper Session)

ORGANIZER(S): Diansheng Guo, U. of South Carolina; Jeremy Mennis, Temple UniversityDepartment of Geography and Urban Studies

CHAIR(S): Jeremy Mennis, Temple UniversityDepartment of Geography and Urban Studies

**10:00** Christiane Von Reichert\*, The U. of Montana, Missoula; Shih-Lung Shaw, U. of Tennessee, Knoxville; Hongbo Yu, Oklahoma State U., Stillwater; Yibin Zhao, U. of Tennessee, Knoxville, *Applications of Spatio-temporal GIS in Migration Research.*

**10:20** Guoqing Zhou\*, Old Dominion U.; Guoqing Zhou; Jun Wu; Weihan Xie, *Geospatial Data Visualization - Airborne Video, Video GIS, and Mapping.*

- 10:40** Charles W. Emerson\*, Western Michigan U., *Similarity Searches of Image Databases.*
- 11:00** Weiguo Liu\*, Department of geography and planning, U. of Toledo; Karen Seto, Institute for International Studies, Stanford U.; Zhanli Sun, Department of Urban and Regional Planning, U. of Illinois at Urbana and Champaign, *An ART-MMAP neural network based spatio-temporal data mining approach to urban growth prediction.*
- 11:20** Jeremy Mennis\*, Department of Geography and Urban Studies, Temple U.; Dana Bauer, Department of Geography and Urban Studies, Temple U., *Exploratory Data Analysis of Long Time Series of Remotely Sensed Imagery.*

**3262. Gateway Cities: Materials, People and the Flows of Globalization - Part II (Sponsored by Economic Geography Specialty Group, Urban Geography Specialty Group, Transportation Geography Specialty Group)**

*Room:* Sandburg 8 (Paper Session)

- ORGANIZER(S): Jean-Paul Rodrigue, Hofstra U.; Peter V. Hall, U. of Waterloo  
CHAIR(S): Theo E. Notteboom, ITMMA - U. of Antwerp
- 10:00** Frank J. Witlox\*, Ghent U.; Lomme Devriendt, Ghent U.; Ben Derudder, Ghent U., *Measuring the hubness of gateway cities on the basis of worldwide air passenger transport flows.*
- 10:20** Sven Kesselring, Dr. \*, Universität der Bundeswehr, Munich, *Global Transfer Points. Collaborative mobility politics on Airport Cities: learning from the Munich case.*
- 10:40** Gordon Wilmsmeier, Dipl. Geogr. \*, Osnabrück U., Germany; Ricardo J. Sanchez, *Trilateral Competition In A Single Market - The Case of The River Plate Port Range.*
- 11:00** JungYoon Lee\*, Seoul National U., *New Regional Economic Environment and Trade Gateway Revitalization: A Case of Incheon, Korea.*
- 11:20** Ricardo J. Sanchez\*; Gordon Wilmsmeier, *Latin American Port Development Cycles. A Theoretic Sketch.*

**3263. Relations of Rule: (Post)colonialism, nature, governmentality (II)**

*Room:* Montrose 1 (Paper Session)

- ORGANIZER(S): Michelle Kooy, U. of British Columbia
- 10:00** Michael McMahon, PhD Candidate\*, York U., Faculty of Environmental Studies, *Biopolitics & the Production of the North American Great Lakes.*
- 10:20** Danielle DiNovelli-Lang\*, Columbia U., *Animal behavior?: Biopower and bears at "the Last Frontier".*
- 10:40** Stephanie Rutherford\*, York U., *Governing the gaze: regulation, normalization and subjectivity at the American Museum of Natural History.*
- 11:00** Dean Bavington, B.Sc.(H), MES, Ph.D. \*, U. of Michigan, *From Managing Cod to Managing People: A Critical Exploration of Managerial Ecology in the Newfoundland and Labrador Cod Fisheries since the 1992 Moratorium Crisis.*

**3264. Opportunities and Challenges of Dealing With the Media**

*Room:* Montrose 2 (Panel Session)

- Panelists: Craig Colten, Louisiana State U.; Kendra McSweeney, The Ohio State U.; Derek H. Alderman, East Carolina U.; Amy Ross, U. of Georgia, Athens; Lydia M. Pulsipher, U. of Tennessee



**3265. Urban Racial Justice (Sponsored by Urban Geography Specialty Group, Political Geography Specialty Group, Ethics, Justice, and Human Rights Specialty Group)**

*Room:* Montrose 3 (Paper Session)

ORGANIZER(S): Jacqueline A. Housel, SUNY at Buffalo; Meghan Cope, SUNY-Buffalo

CHAIR(S): Meghan Cope, SUNY-Buffalo

Introducer: Jacqueline A. Housel

**10:05** David H. Kaplan\*, Kent State U.; Karen Mossberger, U. of Illinois at Chicago, *Geographical Barriers to Information Technology: An Analysis of Three Ohio Communities.*

**10:25** John Davenport\*, U. of Kentucky, *New Orleans' Bywater Historic District: Preservation, Gentrification, and Racialized Boundaries.*

**10:45** Trushna Parekh\*, U. of Texas, Austin, *Complicating the Dimensions of Gentrification: A Case Study from a New Orleans Neighborhood.*

**11:05** Meredith Reitman\*, U. of Wisconsin - Milwaukee, *White investment in the struggle for racial justice.*

Discussant(s): David Delaney, Amherst College

**3269. The Infusion of GIS into Various Disciplines: Spatial Education at its Most Useful - Part II (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group, Geography Education Specialty Group)**

*Room:* Montrose 7 (Paper Session)

ORGANIZER(S): Dr. Rich B. Schultz, Elmhurst College; Richard P. Greene, Northern Illinois U.

CHAIR(S): Dr. Rich B. Schultz, Elmhurst College

**10:00** Jodi Heitkamp\*, Northern Illinois U., *Cartographic Limitations of GIS.*

**10:16** Ming-Hsiang (Ming) Tsou\*, San Diego State U., *Web-based GIS for Bridging the Gap of GIS Education between Universities and High Schools.*

**10:32** Eui-Kyung Shin\*, Northern Illinois U., *The Challenges of Using GIS with Elementary Pre-service Teachers.*

**10:48** Petra A. Zimmermann\*, Ball State U., *Space Matters: A workshop on spatial analysis for non-geographers.*

**11:04** Sarah J Barr\*, After School Matters, *GIS as a Vehicle for Positive Youth Development.*

**11:20** Todd C. Patterson\*, U. of South Carolina, *The Use of Google Earth as a Teaching Tool.*

**3270. The Politics of Participation 2: Between 'Us' & 'Them' (Sponsored by Geographic Perspectives on Women Specialty Group, Socialist and Critical Geography Specialty Group, Qualitative Research Specialty Group)**

*Room:* Burnham 1 (Panel Session)

ORGANIZER(S): Rachel Pain, U. of Durham

Panelists: Mr. Paul Routledge, U. of Glasgow; Ms. Hannah Macpherson; Renee Pualani Louis, U. of Hawaii; Geraldine J. Pratt, U. of British Columbia; Ananthakrishna Maringanti, U. of Minnesota - Minneapolis; Myrna Breitbart, Hampshire College

**3271. Post-socialism II: New spaces of marginalization (Sponsored by Economic Geography Specialty Group, Socialist and Critical Geography Specialty Group, Russian, Central Eurasian, and East European Specialty Group)**

Room: *Burnham 2* (Paper Session)

ORGANIZER(S): Marianna Pavlovskaya, Hunter College

CHAIR(S): Francis Harvey, U. of Minnesota - Minneapolis

**10:00** Sergei Shubin\*, U. of Aberdeen, *Networks of poverty and exclusion in rural Russia.*

**10:20** John Round\*, U. of Leicester, *The role of informal networks in coping with marginalisation in post-Soviet Ukraine.*

**10:40** Dominique Moran\*, U. of Birmingham, *The Geography of HIV/AIDS in Russia: Risk and Vulnerability in Transition.*

**11:00** Andrey N Petrov\*, U. of Toronto, *Marginal places in discursive space: Political economies of failure in northern urban development in Canada and Russia.*

Discussant(s): Ms. Melanie Feakins

**3273. Economic Geography: Financial Institutions**

Room: *Burnham 4* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Andrew Leyshon, U. of Nottingham

**10:00** Darren E. Purcell\*, U. of Oklahoma; Barney L. Warf\*, Florida State U., *The Position of Minority-Owned Banks in the US Financial Landscape: Recent Changes in Patterns.*

**10:20** Lindsey Appleyard\*, The U. of Birmingham, *Overcoming Financial Exclusion: Community Development Finance Institutions (CDFIs) and the balancing of financial and social objectives.*

**10:40** Wei Li\*, Arizona State U.; Alex Oberle\*, Arizona State U.; Gary Dymski, PhD, U of California, *Globalization and Localization: Global Banks and Immigrant Community Development in Canada and the United States.*

**11:00** Richard Nesper, Ph.D.\*, JPMorganChase, *Application of a Location Risk Evaluation Framework in Relation to the Market Selection Process for Business Operations.*

**11:20** Andrew Leyshon\*, U. of Nottingham, *The geography of British bank and building society branches, 1989-2003.*

**3274. The emotional geographies of 'doing ethnography' 2: Mobilities (Sponsored by Qualitative Research Specialty Group)**

Room: *Burnham 5* (Panel Session)

ORGANIZER(S): Katie Walsh; Rebecca A. Sheehan, Louisiana State U.

CHAIR(S): Rebecca A. Sheehan, Louisiana State U.

Panelists: Katie Walsh; Dr. Paula Meth; Lorraine Dowler, Penn State U.; Dr. Rachel Colls; John C. Western, Syracuse U.

**THURSDAY, MARCH 9**

**11:50 AM - 12:50 PM**

**3300**

**11:50 a.m. – 12:50 p.m.**

**3305. My Community, Our Earth: Geographic Learning for Sustainable Development in the US Gulf and Greater Caribbean Region**

*Room:* Salon 5 (Panel Session)

ORGANIZER(S): Patricia Solís, Association of American Geographers

CHAIR(S): Patricia Solís, Association of American Geographers

Panelists: Patricia Solís, Association of American Geographers; Eugene Fosnight, USGS; Carmelle J. Terborgh, ESRI; Evan Notman, AAAS/US Forest Service; Carrie Stokes, USAID; Gregory Crosby, USDA/CSREES; Adela Backiel, USDA

**3324. Workforce Development in the Emerging High-Growth Geospatial/Geographic Technologies Field**

*Room:* Private Dining Room 17 (Paper Session)

ORGANIZER(S): AAG

**12:15** Introduction by Ivan Cheung, AAG

**12:20** Keynote Address: Jennifer McNelly, U.S. Department of Labor

**1:00 p.m. – 2:40 p.m.****3401. Military Geography II: Applied Military Geography (Sponsored by Military Geography Specialty Group)***Room: Salon 1 (Paper Session)*

ORGANIZER(S): Dr. Francis A. Galgano, Jr., United States Military Academy

CHAIR(S): Dr. Francis A. Galgano, Jr., United States Military Academy

**1:00** Daniel A. Gilewitch, PhD\*, Department of Geography and Environmental Engineering, United States Military Academy, West Point, NY 10996, *Characterizing the Desert for Army Operations.***1:20** Jim Dalton\*, United States Military Academy, *The Second Chechen War.***1:40** William W. Doe III, Ph.D.\*, Western Illinois U.; Robert G. Bailey, Ph.D., Rocky Mountain Research Station, USDA Forest Service, *Fort Carson's Ecoregional Footprint: Envisioning a Sustainable Military Installation-Community in the Semidesert.***2:00** Luis A Rios\*, US Military Academy, *Partnership with the military: Mitigating the impact of billion-dollar natural disasters.***3403. Data Analysis: Remote Sensing and Other Approaches***Room: Salon 3 (Illustrated Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): George Roedl, West Virginia U.

**1:00** Christine E. McMichael\*, Morehead State U., *Assessing Forest Response to Ice Storm Damage Using Multi-temporal Landsat Imagery.***1:05** John Boentje\*, Saint Cloud State U.; Mikhail Blinnikov, Saint Cloud State U., *Remote Sensing Estimates of Recent Forest Loss and Fragmentation in the Green Belt zone of Moscow, Russia.***1:10** Carolina Santos, Ph.D. Student\*, Michigan State U.; Paul Delamater, Ph.D. Student, Michigan State U.; Joseph P. Messina, Ph.D., Michigan State U., *LULC classification from ground digital video in the Ecuadorian Amazon.***1:15** E Rachel Bernstein\*, U. of Richmond; Michael Harrison, PhD, U. of Richmond, *The use of landscape metrics in analyzing fire-prone landscapes: A case study in central Florida.***1:20** Teresa Howard\*, U of Texas Center for Space Research; Gayla J Mullins, U of Texas Center for Space Research; Amy Neuenschwander, U of Texas Center for Space Research, *Land cover mapping in support of air quality modeling.***1:25** Michael Lackner\*, U. of Toronto - Mississauga, *Urban Land Use and Land Cover Classification through an Object-Oriented Approach.***1:30** Timothy Warner\*, West Virginia U.; Jong Yeol Lee, Korea Research Institute for Human Settlements, *Context-dependent multi-scale texture analysis for improved image classification.***1:35** Jeong Chang Seong\*, Northern Michigan U., *Correcting Topographic Effects in Remotely-sensed Imagery.***1:40** Robert V. Rohli\*, Louisiana State U.; Kam-biu Liu, Louisiana State U., *Trends in citation statistics of geography journals.***1:45** George Roedl\*, West Virginia U., *Geographic Words and GRE Words.*

**3404. Rural Dynamics in the US I: Labor Force and the Economy (Sponsored by Rural Geography Specialty Group, Population Specialty Group)***Room: Salon 4 (Paper Session)*

ORGANIZER(S): Alexander C. Vias, U. of Connecticut; John Cromartie, USDA

CHAIR(S): John Cromartie, USDA

**1:00** Paul J. Kaldjian\*, U. of Wisconsin — Eau Claire, *Maintaining the milk mystique: Mexican labor in Dairy Land.***1:20** Karen Speirs\*, University of Connecticut Department of Geography, *Community and Economic Sustainability of Rural Areas.***1:40** Paul A. Rollinson, Ph.D., AICP\*, Missouri State U., *Rural Homelessness.***2:00** John Cromartie\*, USDA; Robert Gibbs, USDA; Lorin Kusmin, USDA, *Geography of Low-Skill Work in Rural America.***2:20** Gina K. Thornburg, M.A.\*, California State U., Northridge, *Microstrategies in Small-Town Survival: Human agency and multiple narratives in response to economic change.***3405. Growing pains? The Future of the European Union (Sponsored by European Specialty Group)***Room: Salon 5 (Panel Session)*

ORGANIZER(S): Guntram Herb, Middlebury College

CHAIR(S): Guntram Herb, Middlebury College

Panelists: Patricia Ehrkamp, Miami U. of Ohio; Merje Kuus, U. of British Columbia; Guntram Herb, Middlebury College; Peter Jordan, Austrian Institute of E/SE; Steven Flusty, York U.; Linda McCarthy, U. of Wisconsin

**3406. Hurricane Katrina & Unnatural Local Disasters (Sponsored by Hazards Specialty Group)***Room: Salon 6 (Paper Session)*

CHAIR(S): Christine M. Rodrigue, California State U. - Long Beach

**1:00** Christine M. Rodrigue\*, California State U. - Long Beach, *Katrina/Rita and Risk Communication within FEMA.***1:20** Lisa M.B. Harrington\*, Kansas State U.; Joye Gordon, Kansas State U.; Bimal Kanti Paul, Kansas State U., *Factors Related to Hurricane Katrina Evacuation and Nonevacuation in Southeastern Louisiana.***1:40** Jamie D. Mitchem, Ph.D.\*, Dept. of Earth Sciences, California U. of Pennsylvania; Swarndeep Gill, Ph.D., Dept. of Earth Sciences, California U. of Pennsylvania; Melanie J. Blumberg, Ph.D., Dept. of History & Political Science, California U. of Pennsylvania; Andrae Marak, Ph.D., Dept. of History & Political Science, California U. of Pennsylvania; Timothy R. Bertovich, Dept. of History & Political Science, California U. of Pennsylvania, *Misery in the Magnolia State: Newspaper Coverage of Hurricane Katrina's Impact on Mississippi.***2:00** Kathleen Sherman-Morris\*, Mississippi State U., *Tornadoes, Television and Trust? a Closer Look at Severe Weather Perception in the Memphis, TN Television Market.***2:20** Adam Rose\*, Pennsylvania State U., *Economic Resilience in the Face of Natural Hazards: Was Hurricane Katrina the Breaking Point? .*

**3407. GIS, Technology, and Society**

Room: Salon 7 (Interactive Short Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Robert Goodrich

1:00 Patti Day, Ph D Student\*, U. of Wisconsin Milwaukee, *Complexities in Accessing Geospatial Data: The Issues of Licensing, Copyright and Fees in Wisconsin.*1:05 Xianfeng Chen\*, Slippery Rock U.; Yongxing Deng, Western Illinois U., *Linking topography to vegetation moisture indices derived from Landsat ETM data.*1:10 Amit Kulkarni, M.S\*, Louisiana State U.; Nina S-N Lam, PhD, Louisiana State U., *Change detection for Hurricane Hugo using local fractal triangular prism approach.*1:15 Miguel L. Villarreal\*, U. of Arizona, *Detecting trails and roads in protected areas on the U.S/Mexico border using very high-resolution satellite imagery.*1:20 Richard LeGates\*, San Francisco State U., *Visualizing Urbanization With GIS.*1:25 Ann K. Deakin, Ph.D.\*, SUNY Fredonia, *A Case Study of the Appropriateness of Small-Scale Imagery for Fracture Detection.*1:30 Falguni S Mukherjee\*, U. of Wisconsin-Milwaukee, *Social Construction of Gis In The Non-Western World: The Case of Inda.*1:35 Niluka Gunawardena\*, Clark U.; Niluka Gunawardena, Clark U., *Enabling Technology: The Internet and Disability.*1:40 Robert Goodrich, U. of Idaho\*, U. of Idaho; Gundars Rudzitis, U. of Idaho; Ray Dezzani, U. of Idaho, *An Analysis of 1990-2000 Population Change in Areas Immediately Surrounding the "Protected Lands" of the American West.***3408. Producing green citizens, locating green places (Sponsored by Cultural and Political Ecology Specialty Group, China Specialty Group)**

Room: Salon 8 (Paper Session)

ORGANIZER(S): Alana Boland, U. of Toronto; Emily Yeh, U. of Colorado

CHAIR(S): Alana Boland, U. of Toronto

1:00 Michael Hathaway, PhD candidate\*, U. of Michigan, *Ecologies and peoples: Changing notions of the environment in SW China.*1:20 Emily T. Yeh, PhD\*, U. of Colorado, *The emergence of the Green Tibetan in Tibet: environmental collaborations and contingent articulations.*1:40 Alana Boland\*, U. of Toronto; Zhu Jiangang, Zhongshan U., *Placing public participation in China's eco-city construction.*2:00 Joshua Goldstein, Assistant Professor\*, Universtiy of Southern California, *Beijing's hope for a clean sweep in the Olympics: Radical reforms of Beijing's refuse recycling system.*

Discussant(s): Rod Neumann, Florida Intl Univesity

**3409. Critical Coasts, Sustainable Seas: A Session to Honor Dr. Raymond C. Smith (Sponsored by Coastal and Marine Specialty Group, Remote Sensing Specialty Group, Cryosphere Specialty Group)**

*Room:* Salon 9 (Paper Session)

ORGANIZER(S): Dawn J. Wright, Oregon State U.

CHAIR(S): Dawn J. Wright, Oregon State U.

Introducer: Dawn J. Wright

**1:05** Raymond C. Smith\*, U. of California Santa Barbara, *Rapid warming in the western Antarctic Peninsula and the response of the marine ecosystem to observed climate change.*

**1:25** Marilyn Raphael, Professor\*, U. of California, *Regional variation of Antarctic sea ice associated with atmospheric zonal wave three.*

**1:43** Tiffany C. Vance\*, Oregon State U./NOAA; Ronald Doel, Oregon State Universitydoelr@geo.orst.edu; Kristine Harper, New Mexico Tech; Sonja Kromann, NOAA; Nazila Merati, U. of Washington/JISAO, *Mapping Cold History - NOAA in the Arctic.*

**2:01** Heidi M Dierssen\*, U. of Connecticut; Richard C Zimmerman, Old Dominion U., *Benthic Ecology from Space: Remote sensing over the carbonate sediment banks of the Bahamas and Florida Bay.*

**2:19** Heather Leslie\*, Princeton U., *Managing for Resilience: A New Approach to Marine Ecosystem-Based Management.*

Discussant(s): Dawn J. Wright, Oregon State U.

**3410. Geography of Wine 3: Wine Regions of the Old World (Sponsored by Wine Specialty Group)**

*Room:* Salon 10 (Paper Session)

ORGANIZER(S): Percy H. Dougherty, Kutztown U. of Pennsylvania

CHAIR(S): Sheryl Luzzadder-Beach, George Mason U.

**1:00** Zok Pavlovic\*, Oklahoma State U., *Evolution of Viticultural Landscapes.*

**1:20** Luis Torres\*, Geographical Basis of Denominaciones of Spanish Wine Regions; Percy H. Dougherty, Kutztown U., *Geographical Basis of "Denominaciones de Origen" of Spanish Wine Regions.*

**1:40** Patrick Sere\*, Executive Vice President, Dreyfus Ashby Importers, *Etymology of Burgundy Vineyards: The Romance of the Place Names.*

**2:00** Denyse Lemaire, Dr.\*, Rowan U.; David Kasserman, Dr., Rowan U., *Tradition and Innovation in Alsace Vineyards.*

**2:20** Percy H. Dougherty\*, Kutztown U. of Pennsylvania, *Chateauneuf du Pape: Physical Geography of A Premier French Wine District.*

**3411. Dendrochronology III: Dendroecology I (Sponsored by Biogeography Specialty Group)**

*Room:* Salon 11 (Paper Session)

ORGANIZER(S): James H. Speer, Indiana State U.

CHAIR(S): Jodi Sparks, Indiana State U.

**1:00** Jodi K. Farrell Sparks\*, Indiana State U.; Jim H. Speer, Indiana State U., *A dendroecological approach to quantifying Midwestern forest canopy gaps and diversity change.*

**1:20** Amanda B. Stan\*, U. of British Columbia; Lori D. Daniels, U. of British Columbia, *Radial-growth release in response to canopy gaps in old-growth forests of coastal British Columbia, Canada.*

**1:40** Saskia L. van de Gevel\*, Laboratory of Tree-Ring Science, The U. of Tennessee; Henri D. Grissino-Mayer, Laboratory of Tree-Ring Science, The U. of Tennessee, *Comparing species' response to natural and anthropogenic disturbances in a threatened mountain ecosystem, Montana, USA.*

Discussant(s): Jodi Sparks, Indiana State U.

**3412. Climate Specialty Group Plenary Session (Sponsored by Climate Specialty Group)**

Room: *Salon 12* (Paper Session)

ORGANIZER(S): Mr. Stanley Changnon, Illinois Water Survey

CHAIR(S): Barry D. Keim, Louisiana State U.

**3413. Plants & Water**

Room: *Cresthill Room 11* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Curtis D. Holder, U. of Colorado, Colorado Springs

**1:00** Carla Louise Vandervoort\*, U. of Colorado, Boulder, *Geographic Parthenogenesis: A Case Study of the Distribution of Erigeron strigosus (Asteraceae) in Georgia, United States.*

**1:20** Lisa Emili, Ph.D.\*, EduScience Consulting; Jonathan Price, Ph.D., U. of Waterloo, *Topographic controls on hydrochemical fluxes in a forest-wetland catchment.*

**1:40** Douglas T Fischer\*, U. of California, Santa Barbara; Christopher J Still, Ph.D., U. of California, Santa Barbara; A Park Williams, U. of California, Santa Barbara, *Sensitivity of coastal vegetation water budgets to changes in cloud and fog cover, Channel Islands, California.*

**2:00** Kelly Caylor\*, *Co-organization of ecological pattern and hydrological dynamics in water-limited landscapes.*

**2:20** Curtis D. Holder\*, U. of Colorado, Colorado Springs, *The role of leaf water repellency in forest hydrology.*

**3415. Community Tourism III: Effects of Change on Tourism Product, Distribution, and the Cultural Experience. (Sponsored by Recreation, Tourism, and Sport Specialty Group)**

Room: *Private Dining Room 4* (Paper Session)

ORGANIZER(S): Robert E. Pfister, East Carolina U.

CHAIR(S): Robert E. Pfister, East Carolina U.

**1:00** David Truly\*, Central Connecticut State U., *Community Tourism in the West Indies: A Question of Process and Product.*

**1:20** Dimitri Ioannides, PhD\*, Missouri State U.; Evangelia Daughtrey, Missouri State U., *Competition in the Travel Distribution System: A Case Study of the US Travel Retail Sector.*

**1:40** Theano S. Terkenli\*, U. of the Aegean, *Landscapes of Golf: Products of a "Deworldment".*

**2:00** Carl Nim\*, Miami U., *Tourist Development and Perceptions of Environmental Change in Cozumel, Mexico.*

Discussant(s): Anne K. Soper, Indiana U.



**3416. Soil Geography and Geomorphology I: Geomorphic applications (Sponsored by Geomorphology Specialty Group)***Room: Private Dining Room 5 (Paper Session)*

ORGANIZER(S): Randy Schaetzl, Michigan State U.; Peter Scull

CHAIR(S): Randy Schaetzl, Michigan State U.

**1:00** Donald L. Johnson, Prof. Emeritus\*, U. of Illinois; Diana N. Johnson, Geoscience consultant, U. of Illinois, *Healing the Wounds of Occam's Razor: A Process-Biodynamic Way Forward in Pedology and Soil-Geomorphology.***1:20** John B. Anderton, PhD\*, Northern Michigan, *Landforms, Soils, and Archaeology in the Pictured Rocks National Lakeshore, Alger County, Michigan: A Preliminary Report.***1:40** Bradley E. Suther\*, U. of Georgia Department of Geography; David S. Leigh, U. of Georgia Department of Geography, *Soil Chronosequence of the Little River Valley, Atlantic Coastal Plain, North Carolina.***2:00** David S. Leigh\*, U. of Georgia, *Holocene Landscape Evolution and Soils in the Raven Fork Valley, Southern Blue Ridge Mountains, USA.***2:20** David J Brown\*, Montana State U. - Bozeman; Shannon A Mahan, USGS - Denver, *Dambo geography, geomorphology and soil formation in Uganda.***3417. The Geography of HIV/AIDS: Session I (Sponsored by Medical Geography Specialty Group)***Room: Private Dining Room 6 (Paper Session)*

ORGANIZER(S): Cynthia Pope, Central Connecticut State U.

CHAIR(S): Cynthia Pope, Central Connecticut State U.

**1:00** Ezekiel Kalipeni\*, U. of Illinois; Leo Zulu, U. of Illinois, *Using GIS to Model and Forecast HIV/AIDS Rates in Africa, 1986-2010.***1:15** Veronica Escamilla\*, U. of Illinois at Urbana-Champaign, *Factors Affecting Condom Use in Rural Malawi.***1:30** Richard O'Fasah Djukpen\*, Geography Department, U. of Illinois, Urbana IL, *HIV/AIDS Transmission Channels In Nigeria: Emerging Issues Towards A Management Strategy.***1:45** Livia S. Montana, MA\*, MEASURE DHS/ORC Macro; Melissa Neuman, MA, Measure DHS/ORC Macro; Vinod Mishra, PhD, Measure DHS/ORC Macro; Rathavuth Hong, PhD, Measure DHS/ORC Macro, *Spatial Modeling of HIV Prevalence in Cameroon, Kenya and Tanzania.***2:00** Aimee M. Shipman\*, Ohio U., *The Structure of Susceptibility: A Landscape level Investigation of Social Organization, HIV and Unhealthy Societies in sub Saharan Africa.***3418. From energy past to energy future: Renewables and alternatives (Sponsored by Energy and Environment Specialty Group)***Room: Private Dining Room 7 (Panel Session)*

ORGANIZER(S): Scott Justo, Worcester Polytechnic Institute; Rolf Sternberg, Montclair State U.

CHAIR(S): Michael Kuby, Arizona State U.

Panelists: Rolf Sternberg, Montclair State U.; Marilyn A. Brown, Oak Ridge National Laboratory; Michael Kuby, Arizona State U.; Robert Winston Taylor, Montclair State U.

**3419. EDGE Panel I: Value and Importance of Geography for Employment (Sponsored by Graduate Student Affinity Group, Enhancing Departments and Graduate Education project (EDGE))**

Room: *Private Dining Room 8* (Panel Session)

ORGANIZER(S): Beth Schlemper, AAG

CHAIR(S): Beth Schlemper, AAG

Panelists: Kenneth E. Foote, U. of Colorado; Joseph L. Scarpaci, Jr., Virginia Tech; Ronald E. Wilson, National Institute of Justice

**3420. Dams in Geomorphology**

Room: *Private Dining Room 9* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Charles Gichana Manyara, Radford U.

**1:00** Sarah Catherine Rehkopf\*, Western Kentucky U., *Geomorphological effects downstream of the Green River Lake Dam, Green River, South Central Kentucky.*

**1:20** Reuben Allan Heine\*, Augustana College; Christopher L Lant, Southern Illinois U. Carbondale, *Spatial Patterns of Stream Channel Incision due to Base-Level Drop on Tributaries of the Middle Missouri River.*

**1:40** Luke Swan\*, Central Washington U., *Reach-scale channel dynamics of the Naches River, WA: Hydraulic assessment with a management focus.*

**2:00** Katherine A. Fuller\*, San Diego State U.; Molly M. Pohl-Costello, San Diego State U., *Modeling Geomorphic Channel Adjustments Following Dam Removal on Malibu Creek in California.*

**2:20** Charles Gichana Manyara, Ph.D\*, Radford U., *A simulation of flash flood caused by dam failure or overflow spillway: A Case study of the Claytor Dam on the New River, Pulaski Virginia..*

**3423. Race and space in Southern Africa: whiteness, landscape, and imperial debris**

Room: *Private Dining Room 16* (Paper Session)

ORGANIZER(S): Prof. David Hughes

CHAIR(S): Jean Comaroff, U. of Chicago, Anthropology

**1:00** Sharad Chari, PhD\*, London School of Economics & U. of KwaZulu-Natal, *Race, Space, Life: A bio-political economy of imperial debris in Durban.*

**1:20** Ballard J Richard\*, School of Development Studies, U. of KwaZulu-Natal, *The Ant and the Grasshopper: Rationalising Exclusion and Inequality in the Postapartheid City.*

**1:40** Yuka Suzuki\*, Bard College, *Great White Hunting Fantasies: Nature, Intimacy, and Masculinity in Zimbabwe.*

**2:00** David M Hughes, Ph.D.\*, Rutgers U., *Hydrology of hope: farm dams, conservation, and whiteness in Zimbabwe.*

Discussant(s): Jean Comaroff, U. of Chicago, Anthropology

**3424. Geospatial/Geographic Technologies Workforce Demand***Room: Private Dining Room 17 (Paper Session)*

ORGANIZER(S): AAG

CHAIR(S): Ivan Cheung, AAG

**1:00** Brad Wiggins, Department of Labor, *The role of DOL-Business Relations Group in Supporting Employment, Training, and Education in the Geospatial/Geographic Technology Fields***1:15** Bob Samborski, Geospatial Information & Technology Association, *Overview of the DOL Project***1:30** Ivan Cheung, AAG, *Results from the Online Feedback Mechanism and Introducing the Geospatial Industry Workforce Information System (GIWIS)***2:00** Gino Guzzardo, Kidz Online, *Innovative Online Approach to Communicate with Young People***2:15** Discussion**3427. Environment***Room: Adams Ballroom (Poster Session)*

ORGANIZER(S): Program Committee

Shahalam M.N. Amin\*, Bloomsburg U. of Pennsylvania; Md. Humayun Kabir, Asian Institute of Technology, *Environmental Impacts of Brickfields in Dhaka City Peripheral Areas, Bangladesh.*Brian Potter\*, USDA Forest Service; Julie A Winkler, Dept. of Geography, Michigan State U.; Dwight F Wilhelm, Dept. of Geography, Michigan State U.; Ryan P Shadbolt, Dept. of Geography, Michigan State U., *Computation of the Low Elevation Haines Index for Wildfire Risk.*Ben Walsh, BS Geography\*, U. of Denver, *Fire Hazard Estimation in Montane Ecosystems Using FARSITE & Tasseled Cap Transform.*Erminio Fernandes, Prof. Dr.\*, Centro Universitário Senac; Benjamin Capellari, Prof. Dr., Centro Universitario Senac; Milton Gimenez Melero, Prof., Centro Universitario Senac; Teodoro Isnard Almeida, Prof. Dr., Universidade de São Paulo; Joel Barbujian Sigolo, Prof. Dr., Universidade de São Paulo, *Identification and spatial organization of the acid and alkaline lakes and their relations to the relief, hydrological and structural processes in the "Pantanal de Nhecolandia" wetland (Brazil).*Ciaran Harman\*, U. of Illinois; Michael J Stewardson, U. of Melbourne; Ron DeRose, CSIRO Rivers and Estuaries, Canberra, *Regional Models of Stream Channel Metrics.*Clancy Jensen\*, Kansas State U.; Levi Gahman\*, Pittsburg State U.; Ian Gray\*, Fort Hays State U.; Iris Wilson\*, Kansas State U., *Societal Response to Hydro Climatic Variation in Southwest Kansas.*Logan Scott Reid\*, SUNY College at Geneseo, *Resource Consumption and Waste Production of Wal-Mart Retail Stores: A Case Study of Geneseo, NY.*Roger Auch\*, United States Geological Survey-National Center for EROS (SAIC), *Stability and Change: Forest Land Cover Dynamics in Nineteen Eastern U.S. Ecoregions, 1973-2000.*Sandhya Mohan\*, West Virginia U.; Jonathan R Cumming, West Virginia U., *Effect of land use in urban forest structure in Morgantown, WV.*Roscoe Sopiwnik\*, Macalester College, *The Effects of Population and Development On the Saint Croix River Basin's Water Quality.*

- Theodore Wachs, Managing Editor, Mountain Research and Development\*, Centre for Development and Environment, *Mountain Research and Development*.
- Benjamin Jones\*, SAIC contractor to the United States Geological Survey; Carl J Markon, United States Geological Survey, *Lake Drying in Alaska: developing a methodology*.
- Eric W. LaFary\*, Indiana State U., *Geographically weighted regression and remote sensing: An alternative framework for assessing the interaction between human and environmental systems*.
- Kevin B Dick\*, Northeastern Illinois U., *Diversity of Chicago's Urban Forest: Chicago's Response to the Asian Longhorned Beetle Infestation*.
- Neil Trombly\*, U. of Wisconsin-Eau Claire, *Electric Power Generation and Reduction of Greenhouse Gas Emissions: Antithetical Paradigms of France and Germany*.
- Benjamin Franek\*, U. of Connecticut, *The Incorporation of Renewable Energy Resources At Local And Regional Levels: A Case Study of Washington County, Pennsylvania Municipalities*.
- Nathan C Catania\*, Northern Illinois U.; Mike E Konen, Northern Illinois U., *Land-use impacts on soil properties along a catena in Northcentral Illinois*.
- Mario Luis Cardozo\*, U. of Texas at Austin; Kelley Crews-Meyer, U. of Texas at Austin; Kenneth Robert Young, U. of Texas at Austin, *Multilevel modeling of household and accessibility-zone drivers of land change in the Northeastern Peruvian Amazon*.
- Steve Kambly, M.A. Geography\*, United States Geological Survey; Thomas R Moreland, M.A. Geography, United States Geological Survey; Mark S Brooks, B.A. Geography, United States Geological Survey, *Land Cover Change Analysis: Southern Florida Coastal Plain Ecoregion 1973-2000*.
- Timothy Currie\*, Clark U., *Weathered Livelihoods: The Influence of Climate Change and Market Forces on Agricultural Practices and Land-use/Cover-change at the Altitudinal Limit of Cultivation in the Andes*.
- Naushad Kollikkathara, Doctoral Student\*, Montclair State U.; Amy Ferdinand, Doctoral Student, Montclair State U.; Shevon Letang, Masters Student, Montclair State U.; Eugene Reynolds, Masters Student, Montclair Student; Shadab Yousof, Masters Student, Montclair State U.; Paul Mbaya, Masters Student, Montclair State U.; Robert Taylor, Professor, Montclair State U., *Site Assessment and Remediation using Site Mart: A Study of Brownfields of Paterson City, NJ*.
- Arleen A. Hill\*, Department of Earth Sciences, U. of Memphis; Jeremy Bateman, Department of Earth Sciences, U. of Memphis; Kathy Lynn, Institute for Sustainable Environment, U. of Oregon, *Community Resilience and the 2005 Deer Creek Fire*.
- Joseph B. Jaeger\*, U. of Wisconsin - Whitewater; Nathaniel J. Hunter, U. of Wisconsin - Whitewater; Timothy J. Fischer, U. of Wisconsin - Whitewater; Prof. Thomas C. Jeffery, U. of Wisconsin - Whitewater, *The Influence of Slope and Aspect in Wildfires*.
- Andrew Alexander Anesetti - Rothermel\*, West Virginia U.; Jason N. Bartley, West Virginia U., *Analysis of Potential Fire Damage Hazard of Different Biomes by using Soils Data*.
- Jason N. Bartley\*, National Geospatial Development Center/West Virginia U.; Andrew A. Anesetti-Rothermel, National Geospatial Development Center/West Virginia U.; Henry Ferguson, National Geospatial Development Center/Natural Resource Conservation Service; Robert Dobos, Natural Resource Conservation Service, *Draft National Interpretation of Soil Suitability for Large Animal Disposal: Kansas Case Study*.

**3428. Geography Undergraduate Program Assessment***Room: Parlor A (Paper Session)*

ORGANIZER(S): Lawrence E. Estaville, Texas State U.

CHAIR(S): Lawrence E. Estaville, Texas State U.

**1:00** Lawrence E. Estaville\*, Texas State U.; Brock J. Brown\*, Texas State U., *Geography Undergraduate Program Assessment*.

Discussant(s): Jeffrey S. Smith, Kansas State U.; Bill R. Strong, U. of North Alabama; Wendy Bigler, Southern Illinois U. Carbondale

**3429. Latin American Social And Cultural Geography***Room: Parlor B (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Mr. Shannon Lamb

**1:00** Nathalie Gravel\*, Laval U., Quebec City, *Comparing Food Insecurity Among Rural Mexican Households: Exploring the Contours of Scarcity*.**1:20** Franciyne Danielle Johnson\*, Michigan State U., *"Space as a Geographical Imagination: Afro-Cuban Cabildos in Santiago de Cuba"*.**1:40** Lindsey McSherry Sutton, PhD Candidate\*, Arizona State U., *A Landscape of Uncertainty: South-to-North Flows at the Chihuahua-New Mexico Border*.**2:00** Andy Hilburn\*, U. of Southern Mississippi, *Demographic and Landscape Changes in the Mixe Region of Oaxaca, Mexico 1970-2000*.**2:20** Shannon Lamb\*, Delta State U., *The Geography of Secret Wars*.**3430. Sacred Space from the Underworld to the Rooftop of the Earth (Sponsored by Geography of Religions and Belief Systems Specialty Group)***Room: Parlor C (Paper Session)*

ORGANIZER(S): Michael P. Ferber, West Virginia U.

CHAIR(S): Ms. Shankari Patel, U. of California Riverside

**1:00** Shankari Patel\*, U. of California Riverside, *The Moon Has Gone To Her Well: Sacred Space at Ancient Cozumel*.**1:20** Catherine Carter, Ph.D.\*, U. of Maryland, *Heaven on Earth: Shaker Religious Art*.**1:40** Richard H. Jackson\*, Brigham Young U., *Contested Space: Salt Lake City's Main Street Plaza as Sacred or Secular*.**2:00** Christopher J Limburg\*, U. of Wisconsin, Center for South Asia, *Habermas's Public Sphere and Tibetan Spiritual Landscape*.**2:20** James E. Mills\*, SUNY-Oneonta, *The Evolving Landscapes of the Dead*.**3431. Indigenous Methodologies: Reconciling Academic Paradigms with Indigenous Practices I (Sponsored by Indigenous Peoples Specialty Group)***Room: Parlor D (Paper Session)*

ORGANIZER(S): Renee Pualani Louis, U. of Hawaii

CHAIR(S): Renee Pualani Louis, U. of Hawaii

**1:00** Wendy R. Eisner\*, U. of Cincinnati; Chris J. Cuomo, U. of Cincinnati; Kenneth M. Hinkel, U. of Cincinnati; Benjamin M. Jones, U. of Cincinnati; John K. Hurd, Jr., U. of Cincinnati; Jenifer R. Barnett, U. of Cincinnati, *Past, Present, and Future Climate Change in Arctic Alaska: Combining Western Science and Iñupiat Elders' Knowledge*.**1:20** Heather E Castleden\*, U. of Alberta, *Photovoice: Pict/Oral Representations of Risk from a First Nation's Perspective*.

**1:40** RDK Herman\*, Towson U., *Oral testimony in post-colonial research: preserving and presenting Pacific Island cultures.*

**2:00** Gisela Frias\*, Concordia U./ACCES, *Establishing research collaboration: Doing Research with Mapuche communities and organizations.*

Discussant(s): Jay T. Johnson, U. of Canterbury

**3432. Author Meets Critics: Joseph Nevins' "A Not-So-Distant Horror: Mass Violence in East Timor" (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group, Ethics, Justice, and Human Rights Specialty Group)**

*Room:* Parlor E (Panel Session)

ORGANIZER(S): Joshua S.S. Muldavin, Sarah Lawrence College

CHAIR(S): Joshua S.S. Muldavin, Sarah Lawrence College

Introducer: Joshua S.S. Muldavin

Panelists: Gerard Toal, Virginia Tech; James A. Tyner, Kent State U.

**3434. Encounters with Spinoza**

*Room:* Parlor G (Paper Session)

ORGANIZER(S): Bruce Braun, U. of Minnesota - Minneapolis; Susan Ruddick, U. of Toronto

CHAIR(S): Bruce Braun, U. of Minnesota - Minneapolis

Introducer: Susan Ruddick

**1:10** Sarah J. Whatmore\*, Oxford U., *Thinking through the body: Spinoza's 'imagination', corporeal traces and neural maps.*

**1:30** Keith Woodward\*, U. of Arizona, *Confused Affinities and Spinoza's Political Modes of Thought.*

**1:50** Susan Ruddick\*, U. of Toronto, *The Politics of Affect: Spinoza, Deleuze and the Scream.*

**2:10** Bruce Braun\*, U. of Minnesota - Minneapolis, *Spinoza and the cunning of liberalism: steps toward a rematerialized politics.*

Discussant(s): John Pickles, U. of North Carolina

**3435. Current progress in dynamic land change modeling (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group, Human Dimensions of Global Change Specialty Group)**

*Room:* Parlor H (Panel Session)

ORGANIZER(S): Robert Gilmore Pontius, Jr., Clark U.

CHAIR(S): Robert Gilmore Pontius, Jr., Clark U.

Panelists: Bryan Pijanowski, Purdue U.; Noah Goldstein

**3437. Social (Re)production and Households I: Gender and Sustainable Livelihoods (Sponsored by Economic Geography Specialty Group, Geographic Perspectives on Women Specialty Group, Socialist and Critical Geography Specialty Group)**

*Room:* Dearborn I (Paper Session)

ORGANIZER(S): Jennifer L. Mandel, U. of Miami

CHAIR(S): Ms. Sanjukta Mukherjee, Syracuse U.

**1:00** Karin Skill\*, Linköping U., *Methods for reflection in sustainable development.*

**1:20** Claudia A. Radel\*, Utah State U., *Gendered livelihoods and environmental identity*

*in the face of conservation projects in Calakmul, Mexico.*

- 1:40** Risa C. Whitson, Ph.D.\*, Ohio U., *Times of Crisis, Times of Change: Shifting Gendered Livelihood Strategies among Informal Workers in Urban Argentina.*
- 2:00** Salvatore Engel-DiMauro\*, UW Stevens Point, *Households, social differentiation, and world-system: a case study from SW Hungary.*
- 2:20** Jennifer L. Mandel\*, U. of Miami, *Conflicting Ideologies and Negotiated Agency: Women's Livelihoods in Porto Novo Benin.*

**3438. Weather and Society: Changing Weather Knowledges I (Sponsored by Climate Specialty Group, Human Dimensions of Global Change Specialty Group, Environmental Perception and Behavioral Geography Specialty Group)**

*Room:* Dearborn 2 (Paper Session)

ORGANIZER(S): Jeffrey Charles Brunskill, Middlebury College; Mr. Samuel Randalls, U. of Birmingham

CHAIR(S): Jeffrey Charles Brunskill, Middlebury College

- 1:00** Petra Tschakert\*, Penn State U., *Wetter or drier? Climate change perceptions, risks, and vulnerabilities in the Sahel.*
- 1:20** Marlon Zhu\*, Binghamton U., *Late Imperial Chinese Literati and Their Perception of Typhoons.*
- 1:40** Jeffrey Charles Brunskill\*, Middlebury College, *Different Perspectives on Weather Knowledge.*
- 2:00** Gregory A. Pope, Assoc. Professor, Ph.D.\*, Montclair State U., *Cartographic Representation of Hurricane Threat on Coastal Populations.*
- 2:20** Heike Egner\*, Department of Geography, U. Mainz (Germany), *What does the society know about the weather? A system theoretical view on the relationship of society, man, and the environments.*

**3439. Dick Peet and the making of Radical Geography I: The radical turn and the making of Antipode (Sponsored by Socialist and Critical Geography Specialty Group)**

*Room:* Dearborn 3 (Panel Session)

ORGANIZER(S): Mazen Labban, U. of Miami; Jayson Funke, Clark U.

CHAIR(S): Ipsita Chatterjee, Clark U.

Introducer: Mazen Labban

Panelists: Neil Smith, City U. of New York; Peter J. Taylor, Loughborough U.; Richard A. Walker, U. of California-Berkeley; Nigel J. Thrift, U. of Oxford; Erik Swyngedouw

**3441. Reading Popular Cartography I (Sponsored by Cartography Specialty Group)**

*Room:* Clark 1 (Paper Session)

ORGANIZER(S): James R. Akerman, The Newberry Library

CHAIR(S): James R. Akerman, The Newberry Library

- 1:00** Alex Zukas\*, National U., *Symbolic Landscapes in the 18th Century: Representations of Place, Space, and Imperial Project(ion)s in the Maps of Herman Moll.*
- 1:20** Ethan Yorgason\*, Brigham Young U.-Hawai'i; Li Ming Hsia\*, *"Hou Shan" (the Other Side of the Mountains): Orientalism in Taiwan's Geographical Imagination.*
- 1:40** Judy Schaaf\*, U. of Massachusetts Dartmouth, *Silk Road Stories: Cultural Imaging in the First Century of European Travel to Asia.*
- 2:00** Susan Bazargan\*, Eastern Illinois U., *James Joyce as Cartographer.*

**3443. Immigrants and Transnational Experiences in North American Cities (I): Housing and Labour Markets (Sponsored by Population Specialty Group, Urban Geography Specialty Group, Ethnic Geography Specialty Group)**

Room: Clark 3 (Paper Session)

ORGANIZER(S): Carlos Teixeira, U. of British Columbia Okanagan; Wei Li, Arizona State U.

CHAIR(S): Carlos Teixeira, U. of British Columbia Okanagan

**1:00** Qingfang Wang\*, U. of North Carolina at Charlotte, *Residential neighborhood, Workplace, and Ethnic Labor Market Segmentation: A Case Study of Chinese In the San Francisco CMSA.*

**1:15** Heike C Alberts\*, U. of Wisconsin-Oshkosh; Helen D Hazen, U. of Minnesota, *Changing Trends in the Migration Patterns of International Students.*

**1:30** Carlos Teixeira\*, U. of British Columbia Okanagan, *Housing Experiences of New Immigrants and Refugees: A Case Study of Black Africans in Toronto's Rental Market.*

**1:45** Bill Dakan\*, U. of Louisville, *High Status Immigration to the Heartland Cities.*

**3445. The Politics of Public Washroom Spaces I (Sponsored by Geographic Perspectives on Women Specialty Group, Sexuality and Space Specialty Group)**

Room: Clark 5 (Paper Session)

ORGANIZER(S): Meredith Pilling, Brock U.; Deborah Cowen, York U.

CHAIR(S): Ute Lehrer, York U.

**1:00** Mary Anne Case, Arnold I. Shure Professor of Law\*, U. of Chicago Law School, *Toilet Paper: Public Toilets As Gendered Spaces.*

**1:20** Sandra Ignagni, PhD Candidate\*, York U., *Gendered Workplace Resistance and the Politics of the Washroom in Newfoundland and Labrador Fish Plants, 1971-1987.*

**1:40** Meredith Pilling\*, Brock U., *"Excuse me, this is the women's washroom:" Exploring discrimination against (gender)queers in the women's washroom.*

**2:00** Shoshana Magnet\*, U. of Illinois, Urbana-Champaign, *Butch/Femme Bathrooms.*  
Discussant(s): Ute Lehrer, York U.

**3446. Author Meets the Critics: Scott Prudham's Knock on Wood**

Room: Clark 7 (Panel Session)

Panelists: Nathan F. Sayre, U. of California, Berkeley; Ms. Emily Eaton, U. of Toronto; Brinda Sarathy, UC Berkeley; Noel Castree; Scott Prudham, U. of Toronto

**3448. RADAR & LIDAR Remote Sensing**

Room: Clark 9 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Dr. Segun Ogunjemiyo, California State U.

**1:00** Xiaoyue Chen\*, U. of Hong Kong, *Confusion Problems in Short Interval Land Use Change Detection.*

**1:20** Fang Qiu\*, U. of Texas At Dallas; Sulafa Ibrahim, GIS Program, U. of Texas at Dallas, *Urban Feature Extraction and 3d City Modeling Using LIDAR and High-Resolution Digital Orthophotos.*

**1:40** Xuelian Meng\*, Texas State U.-San Marcos; Leo Wang, Texas State U.-San Marcos, *A slope- and elevation-based filter to remove non-ground measurements from airborne LIDAR data.*

**2:00** Qi Chen\*, U. of California at Berkeley; Peng Gong, U. of California at Berkeley; Dennis Baldocchi, U. of California at Berkeley; Yong Q. Tian, U. of Massachu-



setts-Boston; Maggi Kelly, U. of California at Berkeley, *Individual-tree Biomass Estimation from LIDAR Data in a Savanna Woodland*.

**2:20** Segun O Ogunjemiyo, Dr\*, California State U., Fresno; Dar Roberts, Dr, U. of California, Santa Barbara; Geoffrey Parker, Dr, Smithsonian Environmental Research Center; Susan Ustin, Dr, U. of California, Davis, *Assesing Instrument Configuration Impacts of Small Footprint Lidar Systems in Characterizing Forest canopies*.

**3449. Engaging Critical Spaces for Sustainability 1 (Sponsored by Economic Geography Specialty Group)**

*Room:* Clark 10 (Paper Session)

ORGANIZER(S): Rob Krueger, Worcester Polytechnic Institute; Dr. James Evans, U. of Birmingham

CHAIR(S): Terry Marsden, Cardiff U. School of CIT

**1:00** James P Evans\*, U. of Birmingham, *Re-theorising Sustainability: Ambiguity, Creativity and the Shared Territory of Urban Regeneration*.

**1:20** Mike Raco, Dr\*, King's College London; Steven Henderson, Dr, U. of Reading; Sophie Bowlby, Dr, U. of Reading, *Governing Urban Sustainability: Prioritising the Present or the Future?*.

**1:40** Tobias Chilla\*, U. of Cologne; Christian Schulz\*, U. of Cologne, *Constructing and institutionalising ?Sustainability?. The concept's relevance from an economic and political geography perspective..*

**2:00** Byron A. Miller\*, U. of Calgary, *The Communicative Turn In Environmental Governance: A Way Forward?*.

**3450. Environmental Politics and Public Lands (Sponsored by Political Geography Specialty Group, Ethics, Justice, and Human Rights Specialty Group)**

*Room:* LaSalle 1 (Panel Session)

ORGANIZER(S): David Havlick, U. of North Carolina

CHAIR(S): David Havlick, U. of North Carolina

Panelists: David Correia, U. of Kentucky; Hannah Gosnell, Oregon State U.; Robert J. Mason, Temple Univesity; Eric P Perramond, Colorado College; Randall K. Wilson, Gettysburg College; Michael J. Medler, Western Washington U.

**3451. Geographies of Media I: Cinema (Sponsored by Cultural Geography Specialty Group, Communication Geography Specialty Group)**

*Room:* LaSalle 2 (Paper Session)

ORGANIZER(S): James Craine, San Diego State U.; Christopher Moreno, San Diego State U.

CHAIR(S): James Craine, San Diego State U.

**1:00** Amy Siciliano\*, U. of Toronto, *Framing a 'surplus humanity': La Haine and the contradictions of urbanization*.

**1:20** Brent J. Piepergerdes, Ph.D. Candidate\*, U. of Kansas, *Re-envisioning Nationalism: Film Neorealism and the Politics of Scale in Postwar Italy*.

**1:40** Joseph Palis\*, U. of North Carolina at Chapel Hill, *Cinema North Carolina: Cinematic Articulations of Place in "Loggerheads" and "Junebug"*.

**2:00** Kevin E. McHugh\*, Arizona State U.; Ann M. Fletchall, Arizona State U., *Un-poetically 'Man' Dwells: Age and Alienation in the Film About Schmidt*.

**3452. Storied Spaces: New Research on Narrative Geographies - Session 2: Space and Place (Sponsored by Cultural Geography Specialty Group)***Room: LaSalle 3* (Paper Session)

ORGANIZER(S): Dr. Gareth C. Hoskins, U. of Wales, Aberystwy

CHAIR(S): Tim Cresswell, U. of Wales, Aberystwyth

**1:00** Stefan Dormans\*, U. of Nijmegen, The Netherlands, *A narrative analysis of urban identity: the case of Tilburg.***1:20** Charles Bartlett Travis\*, Trinity College, *1930s Ireland: Narrative Geographies of Identity, Place and Landscape..***1:40** Sheila Hones\*, The U. of Tokyo, *Beyond Setting: Narrative Space in Alice Walker's "Petunias".***2:00** Edward R Cart\*, U. of South Carolina, *White Men and River Gods: Narratives of "Developed" and "Underdeveloped".***2:20** James Kneale, Dr\*, Department of Geography, U. College London, *"A veritable downpour of 'suddenlys'": narrative, the chronotope, and the coincidental urban encounter.***3454. Dendrochronology***Room: LaSalle 5* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Sonya Larocque, U. of Victoria

**1:00** Justin Roberson\*, U. of Oklahoma, *Age Diameter Relationship for Quercus Stellata: Lake Thunderbird State Park, Oklahoma.***1:20** Michael C Shockcor\*, West Virginia U.; Andy J Forron, West Virginia U.; Andrew M Must, West Virginia U.; Jessica M Powell, West Virginia U.; Sheila M Shurina, West Virginia U.; Drew E Smith, West Virginia U.; Amy E Hessel, West Virginia University, *Potential old growth forest in North central West Virginia.***1:40** Ryan W. McEwan, Ph.D. Candidate\*, Ohio U.; Brian C. McCarthy, Professor, Ohio U., *An experimental evaluation of fire history reconstruction using dendrochronology in white oak (Quercus alba).***2:00** Sonya J. Larocque\*, U. of Victoria, British Columbia; Dan J. Smith, U. of Victoria, British Columbia, *Tree-ring analysis of Little Ice Age glacier terminus and mass balance fluctuations in the British Columbia Coast Mountains.***3456. Perspectives on Asian Urbanization: Country Profiles (Sponsored by Regional Development and Planning Specialty Group)***Room: Sandburg 2* (Panel Session)

ORGANIZER(S): George M. Pomeroy, Shippensburg U.; Ashok K. Dutt, U. of Akron

CHAIR(S): John E. Benhart, Shippensburg U.

Introducer: John E. Benhart

Panelists: George M. Pomeroy, Shippensburg U.; Allen G. Noble, U. of Akron; Ms. Rajrani Kalra, Kent State U.; Frank J. Costa; Christian Tettey, U. of Akron; Nakhun Song, Korean Development Research Institute; David A. Dickason, Western Michigan U.; Ashok K. Dutt, U. of Akron; Shii Okuno, U. of Marketing and Distribution Services

**3457. Change is in the Wind (?): Water Scarcity, Climate, Conflict and Cooperation over Transboundary Water Resources in the Americas (Sponsored by Water Resources Specialty Group, Cultural and Political Ecology Specialty Group, Latin America Specialty Group)**

Room: Sandburg 3 (Paper Session)

ORGANIZER(S): Cyrus Reed, U. of Texas - Austin

CHAIR(S): Cyrus Reed, U. of Texas - Austin

**1:00** William Forbes\*, Stephen F. Austin U., *Revisiting Three Latin American Rivers in Aldo Leopold's Writings.*

**1:20** Cyrus Reed\*, U. of Texas - Austin, *Agricultural Water Conservation in the Irrigation Districts of Chihuahua: Drought, Dispute and Water Rights.*

**1:40** Laura J. Stroup\*, U. of South Carolina, *All Dried Up: Climate Change Impacts on Hydrology and Water Resources Management in the Platte River Basin.*

**2:00** Gina Bloodworth\*, Central Washington U., *Transboundary conflicts loom along the Columbia River.*

**3458. Historical GIS: New approaches to old problems (Sponsored by Historical Geography Specialty Group, Geographic Information Science and Systems Specialty Group)**

Room: Sandburg 4 (Paper Session)

ORGANIZER(S): Ian N. Gregory, Queen's U., Belfast

CHAIR(S): Ian N. Gregory, Queen's U., Belfast

**1:00** Mary Ruvane, MSIS\*, U. of North Carolina - Chapel Hill, *Annotation tools for collecting Historical Evidence: A survey of desired characteristics.*

**1:20** Sally Hermansen\*, UBC Geography, *The Nature of an Urban Bog: Visualizing Environmental History.*

**1:40** Dan Bonenberger\*, West Virginia U., *Admired from afar: virtual heritage and sense of place.*

Discussant(s): Ian N. Gregory, Queen's U., Belfast

**3459. Segregation and Neighborhood Analysis (Sponsored by Spatial Analysis and Modeling Specialty Group, Population Specialty Group, Urban Geography Specialty Group)**

Room: Sandburg 5 (Paper Session)

ORGANIZER(S): David Wong, George Mason U.; Dr. Dawkins Casey

CHAIR(S): Michael Reibel, California State U.

**1:00** Michael Poulsen\*, Macquarie U., *Ethnic Segregation and the Internal Structure of Los Angeles's Hispanic Barrios.*

**1:20** William Milton Bowen\*, Cleveland State U.; Mukesh Kumar, Jackson State U., *Segregation and Freedom in Housing Choice: A Case Study of Cuyahoga County, Ohio.*

**1:40** Michael Reibel, PhD\*, California State U., *Cluster analysis techniques for neighborhood ethnic change.*

**2:00** Anita I Drever, Ph.D.\*, U. of Tennessee Knoxville & Deutsches Institut fuer Wirtschaftsforschung Berlin; William A.V. Clark, Ph.D., U. of California, Los Angeles, *Mixed Neighborhoods, Parallel Lives? An investigation into whether residential proximity promotes inter-ethnic contact in German neighborhoods.*

**2:20** Sara Metcalf\*, U. of Illinois, *Exploring Spatial Disparity with an Agent-Based Model of Neighborhood Network Evolution.*

- 3460. Performing Music In the City: Cultural Identity Production In South Los Angeles (Sponsored by Urban Geography Specialty Group, Cultural Geography Specialty Group, Social and Cultural Geography)**  
*Room: Sandburg 6 (Paper Session)*  
ORGANIZER(S): Nazanin Naraghi  
CHAIR(S): Nazanin Naraghi  
**1:00** Nazanin Naraghi\*, California State U. Long Beach, *Performing Music In the City: Cultural Identity Production in South Los Angeles.*
- 3461. Commodity Chains and Networks in Southeast Asia (Sponsored by Asian Geography Specialty Group)**  
*Room: Sandburg 7 (Paper Session)*  
ORGANIZER(S): Philip Kelly, York U.  
CHAIR(S): Philip Kelly, York U.  
**1:00** Peter Vandergeest\*, York U., *Natural Markets: Remaking food and agriculture in Southeast Asia.*  
**1:20** Derek Hall\*, Trent U., *Food Traceability and Japanese Shrimp Imports.*  
**1:40** Katie J May\*, U. of Manchester; Neil M. Coe, Dr, U. of Manchester, *European retailers and supply network restructuring in Thailand..*  
**2:00** Ara Wilson\*, Ohio State U., *Sex and Commodity Chains in Southeast Asia.*  
**2:20** Laura Schoenberger\*, McGill U.; Sarah Turner\*, McGill U., *Flows across borders: unraveling trade dynamics in highland North Vietnam.*
- 3462. Geo Education Research I (Sponsored by Geography Education Specialty Group)**  
*Room: Sandburg 8 (Paper Session)*  
ORGANIZER(S): Jonathan M. Harbor, Purdue U.; Bryan Wee, Purdue U.  
CHAIR(S): Bryan Wee, Purdue U.  
**1:00** Jonathan M. Harbor\*, Purdue U., *Geo-education Research as a Foundation for Significant Improvements in Teaching and Learning.*  
**1:20** Barbara C Cooper, Ph.D.\*, Purdue U., *Pre-Service Elementary Teachers' Ideas About the Earth.*  
**1:40** Susan Wiley Hardwick, Ph.D.\*, U. of Oregon; Lynn Songer, Ph.D. Student, U. of Oregon; Mary Crooks, MA Student, U. of Oregon, *A New Model for Teacher Training in Geography: The Quality Content Teaching Project.*  
**2:00** Pablo A. Llerandi Román, Graduate Student - Geoscience Education\*, Purdue U.; Bryan Wee, Graduate Student - Environmental Education, Purdue U.; Tom J. McConnell, Graduate Student - Science Education\*, Purdue U.; Robert A. Waterson, Graduate Student - Social Studies Education, Purdue U.; Anatoli Rapoport, Graduate Student - Social Studies Education, Purdue U., *Integrating science and social studies into pre-service teacher education programs: A lesson from Katrina.*

**3463. From shatter zones to sink estates and urban projects: understanding and mapping poverty in the 21st century I***Room: Montrose 1 (Paper Session)*

ORGANIZER(S): Graham Smith; Steve D. Millington, Insitute for Culture, Gender and the City - Manchester Metopolitan Universtiy

CHAIR(S): Graham Smith

Introducer: Steve D. Millington

Introducer: Graham Smith

**1:00** IAN Brian WATT\*, U. of Paisley, *Hiding Homogeneity in Heterogeneous Space?*.**1:20** James A. Hanlon\*, Bowling Green State U., *(Dis)placing Poverty: HOPE VI and the Relocation of Public Housing Residents.***1:40** Katia Attuyer\*, Trinity college Dublin, *Community involvement in urban regeneration.***2:00** Claire Edwards, Dr\*, U. College Cork; Denis Linehan, Dr., U. College Cork, *Urban Social Exclusion in Cork, Ireland: patterns, policy and outcomes of recent economic and social transformations.***2:20** Michael Bradford\*, U. of Manchester; Fiona M Smyth, U. of Manchester, *'New Deal for Communities' or is it? .***3464. Topics In Geographic Education***Room: Montrose 2 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Jessica Hayes-Conroy, Pennsylvania State U.

**1:00** Audrey Mohan\*, Texas State U.; Melody Warren\*, Texas State U. - San Marcos, *Accelerated Ph.D. Program in Geographic Education.***1:20** David G. Howard\*, Univeristy of Toledo, *Beyond The Bridge.***1:40** David Czajkowski\*, Kent State U., *Incorporating Geography and GIS into the K-12 Science Curriculum.***2:00** Jeroen Wagendorp\*, Grand Valley State U., *A Geographical Analysis of Public Higher Education Enrollment in Michigan for 1988 - 2003.***2:20** Jessica S Hayes-Conroy\*, Pennsylvania State U., *From Laboratory to Backdrop: The Institute for Social Ecology and the Place Appropriateness of Plainfield, Vermont.***3465. Unruly innovation (Sponsored by Economic Geography Specialty Group)***Room: Montrose 3 (Panel Session)*

ORGANIZER(S): Henrik Mattsson

CHAIR(S): Henrik Mattsson

Introducer: Henrik Mattsson

Panelists: Meric S. Gertler, U. of Toronto; Bjorn T. Asheim, Univeristy of Lund, Sweden; Andrew Leyshon, U. of Nottingham

**3469. Transportation GIS: Flows and Navigation (Sponsored by Geographic Information Science and Systems Specialty Group, Transportation Geography Specialty Group)**

*Room:* Montrose 7 (Paper Session)

ORGANIZER(S): Dr. Jean-Claude Thill, U. at Buffalo; Irene Casas, SUNY at Buffalo

CHAIR(S): Dr. Jean-Claude Thill, U. at Buffalo

**1:00** Hai Sun\*, State U. of New York at Buffalo; Jean-Claude Thill, Professor, State U. of New York at Buffalo, *The Reliability of Traffic Volume Estimation Using TRANSMIT.*

**1:20** Jiyeong Lee\*, U. of North Carolina at Charlotte, *A 3D Network Model for Intelligent Building Evacuation Systems in Urban Areas.*

**1:40** Taku Yasumoto\*, Jean-Claude Thill, *A 3D room-to-room navigation system for motorized and non-motorized mobility: LBS prototype.*

**2:00** Hejun Kang\*, Darren M Scott; Pavlos S Kanaroglou; Hanna F. Maoh, *An Investigation of Highway Improvement Impacts in the Hamilton CMA, Canada.*

**3470. The Politics of Participation 3: Roundtable on Current Projects (Sponsored by Geographic Perspectives on Women Specialty Group, Socialist and Critical Geography Specialty Group, Qualitative Research Specialty Group)**

*Room:* Burnham 1 (Panel Session)

ORGANIZER(S): Rachel Pain, U. of Durham

Panelists: Rachel Pain, U. of Durham; Laxmi Ramasubramanian, Hunter College; Kevin St. Martin, Rutgers U.; David Driskell, Cornell U.; Marie Cieri, Ohio State U.; Jennifer Speights-Binet, U. of Houston, Clear Lake

**3471. Post-socialism III: Natural resources, human security, and power (Sponsored by Russian, Central Eurasian, and East European Specialty Group, Political Geography Specialty Group, Energy and Environment Specialty Group)**

*Room:* Burnham 2 (Paper Session)

ORGANIZER(S): Marianna Pavlovskaya, Hunter College

CHAIR(S): Mr. Andrey N Petrov, U. of Toronto

**1:00** Shannon O'Lear, Ph.D.\*, U. of Kansas Geography Department, *Resource determinism or human security? Insights from Azerbaijani public opinion data.*

**1:20** Cristin A. Burke\*, U. of Kansas, *The Regional Resource Curse in Kazakhstan: Territorial Cohesion and Spatial Inequality.*

**1:40** Jessica K. Graybill\*, Univ. of Washington, *Ethnography and Participant Mapping in a Resource Periphery: Understanding Contested Space on Sakhalin Island, Russia..*

**2:00** Michael Bradshaw\*, U. of Leicester, *Geographical Dimensions of Russia's Resource Abundance.*

Discussant(s): Chad Staddon, U. of the West of England

**3473. Economic Geography: Industry Studies**

*Room:* Burnham 4 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Andrew R. Goetz, U. of Denver

**1:00** Elizabeth Vaughan\*, Ball State U., *Cane sugar in the US. Still?*

**1:20** Hyejin Yoon\*, Department of Geography Ohio State U., *Cartoon Planet: Global outsourcing of the animation industry.*

**1:40** Vida Vanchan\*, State U. of New York at Buffalo, *The Characteristics of the US Industrial Design Firms and Their Relationships with Client Firms: Empirical Evidence from a National Survey.*

**2:00** Naomi E. Pope\*, U. of California, Los Angeles, *Beyond Hollywood: The International Division of Labour in the Motion Picture Industry.*

**2:20** Andrew R. Goetz\*, U. of Denver; Timothy M Vowles, Victoria U. of Wellington, New Zealand; Sean Tierney, U. of Denver, *'Legacy' Airlines Under Stress: Competitive Responses of Network vs Low-Cost Carriers.*

**3474. The emotional geographies of 'doing ethnography' 3. Representations (Sponsored by Qualitative Research Specialty Group)**

*Room:* Burnham 5 (Panel Session)

ORGANIZER(S): Katie Walsh; Rebecca A. Sheehan, Louisiana State U.

CHAIR(S): Karen Till, Royal Holloway, U. of London

Panelists: Miles E. Richardson, Louisiana State U.; Mr. Luke Dickens; Dr. Monica Degen; David Butz, Brock U.

**3:00 p.m. – 4:40 p.m.****3501. Military Geography III: Historical Perspectives (Sponsored by Military Geography Specialty Group)***Room: Salon 1 (Paper Session)*

ORGANIZER(S): Dr. Francis A. Galgano, Jr., United States Military Academy

CHAIR(S): Dr. Francis A. Galgano, Jr., United States Military Academy

**3:00** Yaïves Ferland\*, Defence R&D Canada - Valcartier, *Geographical factors for establishing the Canadian Armament R&D Centre in Valcartier (Québec).***3:20** Kurt A. Schroeder, Dr.\*, Plymouth State U., *The Military Geography of the Korean War.***3:40** Steven Oluic, PhD\*, USMA, *The Salonika Front - The Sideshow that Ended WWI..***4:00** Mark W. Corson, PhD\*, Northwest Missouri State U., *Why Teach Military Geography in a Civilian University?.***4:20** Michael S. Lindberg, Ph.D.\*, Elmhurst College, *Geographic Organization of the Union and Confederate Armies During the American Civil War.***3502. Current Directions in Critical Geopolitics (Sponsored by Political Geography Specialty Group)***Room: Salon 2 (Paper Session)***3:00** Mathew Coleman\*, Department of Geography, The Ohio State U., *What Counts as Geopolitics, and Where? The Urban Geopolitics of Immigration Law.***3:20** Reecia Orzeck\*, Syracuse U., *All the World's a Stage: Performativity v. Theatricality in International Criminal Tribunals.***3:40** Zoltan Grossman\*, The Evergreen State College; Joseph Nevins\*, Vassar College, *People's Geography of the American Empire: Teaching about Imperialism.***4:00** Margo Kleinfeld, PhD\*, U. of Wisconsin - Whitewater, *Disaster Geopolitics in Sri Lanka: Failing to Separate Humanitarian Space from Political Space in the Joint Relief Mechanism (PTOMS).*

Discussant(s): Gerard Toal, Virginia Tech

**3503. GIS and Mapping***Room: Salon 3 (Illustrated Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): David Shively, U. of Montana

**3:00** Mark Finn\*, Michigan State U.; Joseph Messina, Michigan State U.; Ashton Shortridge, Michigan State U.; Richard Groop, Michigan State U., *Mapping Health Data on the Internet: Issues of Confidentiality and Design.***3:05** Brett K Lord-Castillo\*, Oregon State U., *Correlation of Incidence of Lyme Disease in Maryland: Diffusion versus Ecology.***3:10** Nathaniel Bell, MA Candidate\*, Simon Fraser U., *Using GIS to help policy makers estimate place-based deprivation.***3:15** Michelle A Bouchard\*, South Dakota State U., *Public Land Wetlands of Eastern South Dakota.***3:20** William J Gribb\*, U. of Wyoming; Ross Jenkins\*, *Determination of the Socio-Ecological Footprint of National Parks For SDSS: Two Applications- Yellowstone, USA and Fraser Island, AU.*



- 3:25 Mark Chynoweth\*, SUNY Geneseo; Gregg Hartvigsen, Professor, SUNY Geneseo, *Using GIS to Estimate Wildlife Home Ranges.*
- 3:30 Tim Weigel\*, U. of Nevada, Reno, *The Use of Predictive GIS Modeling as a Means for Effective Great Basin Restoration Management Practices.*
- 3:35 EKTA AMAR\*, U. of Memphis; Bharat Lohani, Dr., Indian Institute of Technology Kanpur India, *Registration of terrestrial laser scanner data without the aid of artificial targets.*
- 3:40 David Shively\*, U. of Montana; Bruce Pape, Central Michigan U., *Cartographic Symbolization of Environmental Quality.*

**3504. Rural Dynamics in the US II: Migration, Mobility and Population Change (Sponsored by Rural Geography Specialty Group, Population Specialty Group)**

Room: Salon 4 (Paper Session)

ORGANIZER(S): Alexander C. Vias, U. of Connecticut; Peter B. Nelson, Middlebury College

CHAIR(S): Peter B. Nelson, Middlebury College

- 3:00 Matthew W. Foulkes\*, U. of Missouri, *Relationships between geographic mobility, food security, and health amongst food pantry clients in rural Missouri.*
- 3:20 E. Helen Berry, Ph.D.\*, Utah State U.; Yan Guo, Utah State U.; Michael B Toney, Ph.D., Utah State U.; Sandra Marquart-Pyatt, Ph.D., Utah State U., *Distance and Internal Migration Redux: Does Practice Make Perfect?.*
- 3:40 Peter B. Nelson\*, Middlebury College, *The Baby Boom and Nonmetropolitan Population Change: Past, Present, and Future.*
- 4:00 Holly R Barcus\*, Macalester College; Stanley D Brunn, U. of Kentucky, *Intergenerational Mobility and Attachment to Place in Eastern Kentucky.*

**3505. Mountain Environments (Sponsored by Mountain Geography Specialty Group)**

Room: Salon 5 (Paper Session)

ORGANIZER(S): David R. Butler, Texas State U. - San Marcos

CHAIR(S): Ms. Dawna L. Cerney, Texas State U. - San Marcos

- 3:00 Dawna L. Cerney\*, Texas State U. - San Marcos; David R. Butler, Ph.D., Texas State University - San Marcos, *Multitemporal Assessment of Landscape Change from Oblique Photographs.*
- 3:20 Matthew John Sanford, M.A. student\*, U. of Montana, *Drinking Water Resources in Post-Soviet Naryn, Kyrgyzstan: A Tien Shan Mountain Community.*
- 3:40 Daniel J. Weiss\*, U. of North Carolina; Stephen J. Walsh, U. of North Carolina; Julie P. Tuttle, U. of North Carolina, *Development of an alpine treeline ecotone typology based on the vegetation patterns of Glacier National Park, Montana.*
- 4:00 Ian Snider\*, Appalachian State U., *Restorative Forestry in the Southern Appalachians: A discussion of animal powered, "worst-first" timber extraction.*
- 4:20 Ulrich Kamp\*, U. of Montana; Lewis A. Owen, U. of Cincinnati; Ghazanfar A. Khattak, National Centre of Excellence in Geology, Pakistan; Jennifer Parker, The U. of Montana; Afzal Gulzan, U. of Jammu and Kashmir, Pakistan; Edwin L. Harp, US Geological Survey; David K. Keefer, US Geological Survey; Mark A. Bauer, US Geological Survey, *Geomorphic and Human Consequences of the October 8, 2005, Kashmir Earthquake.*
- Discussant(s): David R. Butler, Texas State U. - San Marcos

**3506. Placing fat/bigness/corpulence in geographical research I (Sponsored by Geographic Perspectives on Women Specialty Group)**

Room: Salon 6 (Paper Session)

ORGANIZER(S): Dr. Rachel Colls; Bethan Evans

CHAIR(S): Bethan Evans

**3:00** Rachel Colls\*, Durham U., *Telling Fat Stories: embodied narratives and the 'being' of 'bigness'*.

**3:20** Julie Guthman\*, Univ of California Santa Cruz, *Teaching the Politics of Obesity: Insights into Neoliberal Embodiment*.

**3:40** Karissa N. Stay\*, Syracuse U., *Counter-Thin Spaces: 'Size Friendly' Nightlife and the Socio-Spatial Politics of Fat Discrimination*.

**4:00** Mariko Tamaki, Masters Candidate\*, York U., *Pretty, Porky and Pissed Off: Fat Women, Big Ideas, Heavy Politics*.

Discussant(s): Lisa Breisch, National Association for the Advancement of Fat Acceptance

**3507. Physical Geography: Climatology, Water Resources, Geomorphology, and Hazards**

Room: Salon 7 (Interactive Short Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Harun Rashid, U. of Wisconsin-La Crosse

**3:00** Michael Grossman\*, Department of Geography, Southern Illinois U. Edwardsville, *A comparison of annual maximum floods, typhoons, and the effects of climatic variation in the Kanto and Kyushu regions of Japan*.

**3:05** Sam R Caruso, Ph. D. Student\*, Cleveland State U. - Urban Studies Department, *Recent Changes In Sea Level And Their Possible Cause*.

**3:10** Anne Bagwell\*, U. of Delaware, *Rainfall-Runoff event modeling using HEC-HMS: a case study for Northern New Castle County, DE*.

**3:15** Narcisa Pricope\*, Western Kentucky U., *Modeling Soil Erosion in the Upper Green River Basin, KY*.

**3:20** Dennis M. Staley\*, U. of Memphis; Thad A. Wasklewicz, Ph.D., U. of Memphis, *A Hierarchical Morphometric Analysis of Alpine Talus Systems, Colorado Front Range, USA*.

**3:25** Monika Mihir\*, U. of Memphis; Thad A Wasklewicz, U. of Memphis; Jennifer Whitworth, *Variability in the Surface Complexity of Alluvial Fans Generated from Disparate Processes*.

**3:30** Matthew D Biddle, Ph.D (ABD)\*, U. of Oklahoma, *Warning Reception, Response, and Risk Behavior In The 3 May 1999 Oklahoma City Long-Track Violent Tornado*.

**3:35** Jose Roa-Lobo\*, UMD-GLCF, *A rapid assessment of landslide susceptibility and hazard using Landsat imagery and SRTM data*.

**3:40** Jerry T. Mitchell\*, U. of South Carolina; Andrew Edmonds, U. of South Carolina; Susan L. Cutter, U. of South Carolina, *The Graniteville, South Carolina Chlorine Spill and Shadow Evacuation Behavior*.

**3:45** Harun Rashid\*, U. of Wisconsin-La Crosse; Kevin Duffy, Department of Geography & Earth Science, UW-La Crosse; Joe Steuck, Department of Geography & Earth Science, UW-La Crosse, *Flood News in The La Crosse Tribune: A Test of the De-Contextualization Hypothesis*.

**3508. Research on China Geography (I): Tradition, Innovation and New frontiers. (Sponsored by China Specialty Group)***Room: Salon 8 (Panel Session)*

ORGANIZER(S): Shuguang Wang, Ryerson U.; George Lin, U. of Hong Kong

CHAIR(S): Shuguang Wang, Ryerson U.

Panelists: Prof. Laurence J.C. Ma, The U. of Akron; C P. Lo, U. of Georgia; Kam Wing Chan, U. of Washington; Gregory Veeck, Western Michigan U.; Stanley Toops, Miami U.

**3509. Land Cover/Land Use Change I (Sponsored by Climate Specialty Group, Cryosphere Specialty Group)***Room: Salon 9 (Paper Session)*

ORGANIZER(S): Dr. Oliver W. Frauenfeld, U. of Colorado; Rezaul Mahmood, Western Kentucky U.

CHAIR(S): Dr. Oliver W. Frauenfeld, U. of Colorado

**3:00** Johannes J Feddema\*, U. of Kansas; Keith Oleson, National Center for Atmospheric Research; Gordon Bonan, National Center for Atmospheric Research, *Incorporating urban systems into global climate models: part 1, model description.***3:17** Trisha Jackson\*, U. of Kansas; Pei-Ling Lin, U. of Kansas; John Bauer, U. of Kansas; Johannes Feddema, U. of Kansas, *Incorporating urban systems into global climate models: part 2, parameterization.***3:34** Marshall Shepherd, Ph.D\*, U. of Georgia; Michael Manyin, SSAI; Dmitry Messen, Houston-Galveston Area Council, *Projected Regional Climate Changes in 2025 Due to Urban Growth.***3:51** Guodong Cheng\*, Chinese Academy of Sciences; Tingjun Zhang, National Snow and Ice Data Center, *Permafrost and Railroad Construction on the Tibetan Plateau.***4:07** Oliver W. Frauenfeld\*, U. of Colorado; Tingjun Zhang, U. of Colorado, *Temperature Response to Land Cover Changes on the Tibetan Plateau.***4:23** Robert Hale, CIRA/Colorado St. Univ; Kevin Gallo\*, NOAA/NESDIS, *Influence of local land use/land cover change on U.S. Climate Normals temperatures.***3510. Quaternary Paleoenvironments: current status and future directions (Sponsored by Climate Specialty Group, Biogeography Specialty Group, Geomorphology Specialty Group)***Room: Salon 10 (Panel Session)*

ORGANIZER(S): Timothy Beach, Georgetown U.

Panelists: Ellen Mosley-Thompson, Ohio State U.; Patrick J. Bartlein, U. of Oregon; Kam-Biu Liu, Louisiana State U.; Sally P. Horn, U. of Tennessee; Henri D. Grissino-Mayer, U. of Tennessee; Billie L. Turner, II, Clark U.

**3511. Dendrochronology IV: Dendroecology II (Sponsored by Biogeography Specialty Group)***Room:* Salon 11 (Paper Session)

ORGANIZER(S): James H. Speer, Indiana State U.

CHAIR(S): Amanda Stan, U. of British Columbia

**3:00** James H. Speer\*, Indiana State U.; Graham Bishop, Indiana State U.; Keith Clay, Indiana U.; Gretchen Hargis, Indiana State U.; Michelle Creech, Joseph W. Jones Ecological Research Center, Georgia, *The Effects of Cicada Root Parasitism on Multiple Species in Southwestern Indiana.*

**3:20** Dominik Kulakowski\*, U. of Colorado; Thomas T. Veblen, U. of Colorado, *Fire History altered stand susceptibility to spruce beetle outbreak in the 19th century in the Grand Mesa area, western Colorado.*

**3:40** Joseph P. Henderson\*, Department of Geography, U. of Tennessee, Knoxville, TN, 379961420; Henri D. Grissino-Mayer, Department of Geography, U. of Tennessee, Knoxville, TN, 379961420, *Historical Fire Regimes in Longleaf Pine Forests.*

**4:00** Kiyomi Morino\*, The U. of Arizona, *Using a Novel Tree-Ring Approach to Reconstruct Seasonal Fluctuations in Hydrological Connectivity in Semi-Arid Riverine Landscapes: Some Preliminary Results.*

Discussant(s): Amanda Stan, U. of British Columbia

**3512. Tracing the Commodity Chain of Global Tourism (Sponsored by Recreation, Tourism, and Sport Specialty Group, Urban Geography Specialty Group)***Room:* Salon 12 (Paper Session)

ORGANIZER(S): Robert E. Pfister, East Carolina U.

CHAIR(S): Dr. Dimitri Ioannides, Missouri State U.

**3:00** Dennis Judd, Dr.\*, U. of Illinois at Chicago, *Tracing the Commodity Chain of Global Tourism.*

**3513. Water and Community***Room:* Cresthill Room 11 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mr. Troy Hill, Clark U.

**3:00** Sarah Wolfe, PhD Candidate\*, Department of Geography, U. of Guelph, *Capacity, Capability, Commitment, and Collaboration: Identifying the common elements in the water conservation activities of southern Africa and Canada.*

**3:20** Jessica Whitehead\*, Pennsylvania State U., *Evaluating Adaptive Capacity Using the Analytic Network Process (ANP): A Study of Community Water Systems in Central Pennsylvania.*

**3:40** Michael Pease\*, Southern Illinois U. Carbondale, *Using Incentive Structures to Encourage Marketing of Water.*

**4:00** Joseph Terzungwe Zume\*, U. of Oklahoma; Aondover Tarhule, U. of Oklahoma, *Simulating the Effects of Well Pumping on Groundwater Levels and Streamflow in Northwestern Oklahoma.*

**4:20** Troy D. Hill\*, Clark U., *Adaptation to Climate Variability in Central Massachusetts: A Focus on Structure and Agency.*

**3514. Geography v2.0: Internet-based Virtual Globes (Sponsored by Geographic Information Science and Systems Specialty Group)***Room: Crystal Room (Paper Session)*

ORGANIZER(S): Josh Bader

**3:00** David Maguire\*, ESRI, *Geographic Earth Explorers: A new software paradigm for visualizing and analyzing geography?*.**3:20** David J. Cowen, Dr.\*, U. of South Carolina; Kevin C. Remington, University of South Carolina, *Integrating Google Earth and GIS: Exciting Opportunities*.**3:40** Mark Graham\*, U. of Kentucky; Matthew A. Zook, PhD, U. of Kentucky, *The Soft-Ware and Hard-Where of DigiPlace: The Hybrid Spaces of Google Earth*.**4:00** Tim McGrath\*, Microsoft, *Microsoft MapPoint: The Power of Location*.

Discussant(s): Ming-Hsiang (Ming) Tsou, San Diego State U.

**3515. Historical Geography of Japan (Sponsored by Historical Geography Specialty Group, Asian Geography Specialty Group)***Room: Private Dining Room 4 (Paper Session)*

ORGANIZER(S): Philip C. Brown, Ohio State U.; Shawn M. Banasick, Kent State U.

CHAIR(S): Philip C. Brown, Ohio State U.

Introducer: Philip C. Brown

**3:05** Akiko Ikeguchi\*, Nagoya Sangyo U., *Landscape change and fisheries in coastal village in Okinawa Island, Japan*.**3:25** Tatsunori Kawasumi\*, *The historical flood disasters and the landscape changes during the past 1,400 years in the river floodplains of Kinki region in west Japan*.**3:45** Tsunetoshi Mizoguchi\*, Nagoya Univ., *Spatial Differentiation in the Nobi Core: Villages and Towns in Owari, Central Japan, 1672-1822*.

Discussant(s): Shawn M. Banasick, Kent State U.; Ian N. Gregory, Queen's U., Belfast

**3516. Soil Geography and Geomorphology II: GIS/mapping applications (Sponsored by Geomorphology Specialty Group)***Room: Private Dining Room 5 (Paper Session)*

ORGANIZER(S): Randy Schaetzl, Michigan State U.; Peter Scull

CHAIR(S): Peter Scull

**3:00** Sharon Whitmoyer Waltman\*, USDA NRCS National Geospatial Development Center; Ray Sinclair, USDA NRCS National Soil Survey Center; Robert Dobos, USDA NRCS National Soil Survey Center; Russ Kelsea, USDA NRCS National Soil Survey Center; Dennis Lytle, USDA NRCS Soil Survey Division, *National Soil Resource Assessment using Ecological and Geopolitical Frameworks*.**3:20** Paddington Hodza\*, West Virginia U.; Trevor Harris, West Virginia U., *Geovisualization and digital soil mapping*.**3:40** Jacob Drvar\*, West Virginia U.; Jesse Rouse, West Virginia U.; Trevor Harris, West Virginia U.; Vic Baker, West Virginia U., *Geovisualization approaches to soil data representation and simulation*.**4:00** Amanda Moore\*, Natural Resources Conservation Service, *Mapping Scale and Soil Survey Intensity: Some Thoughts on Updating Existing Mapping Guidelines for Predictive Soil Modeling*.**4:20** Randy Koch\*, *Small scale distribution of nutrients in the topsoil and its correlation to land uses in a riparian area of a creek catchment on the Swiss Jura plateau*.

**3517. The Geography of HIV/AIDS: Session II (Sponsored by Medical Geography Specialty Group)**

Room: *Private Dining Room 6* (Paper Session)

ORGANIZER(S): Cynthia Pope, Central Connecticut State U.

3:00 Annitra Jongsthapongpanth\*, SUNY at Buffalo, *Social Impact of HIV/AIDS in Thailand*.

3:20 Sandy Anne Johnson, Ph.D.\*, LSUHSC; Richard A Scribner, MD, MPH, LSUHSC; Deborah A Cohen, MD, MPH, Rand Corporation; William Robinson, Ph.D., Office of Public Health, HIV/AIDS Program; Thomas Farley, Ph.D., Tulane U.; Paul Gruenewald, Ph.D., Prevention Research Center, *Detecting HIV Core Groups in New Orleans using Spatial Methodology*.

3:40 Cynthia Pope\*, Central Connecticut State U., *The Gendered and Cultural Impacts of HIV/AIDS: A geographic analysis of virus transmission in Belize*.

4:00 Rose Eckhardt\*, U. of Chicago, *HIV/AIDS and Social Networks: Support, Information and Prevention*.

**3518. Energy Policy & Geographic Research: The Years Ahead (Sponsored by Energy and Environment Specialty Group)**

Room: *Private Dining Room 7* (Panel Session)

ORGANIZER(S): Scott Justo, Worcester Polytechnic Institute

CHAIR(S): Scott Justo, Worcester Polytechnic Institute

Panelists: Barry D Solomon, Michigan Technological U.; Jessica K. Graybill, Univ. of Washington; Mr. Kolson Lee Schlosser, Penn State U.; Scott Justo, Worcester Polytechnic Institute

**3519. EDGE Panel II: Quality of Career Preparation and Guidance in Geography Programs (Sponsored by Graduate Student Affinity Group, Enhancing Departments and Graduate Education project (EDGE))**

Room: *Private Dining Room 8* (Panel Session)

ORGANIZER(S): Beth Schlemper, AAG

CHAIR(S): Beth Schlemper, AAG

Panelists: Daniel G. Cole, Smithsonian Institution; Fred Geisler, Defense Intelligence Agency; Trudy Suchan, U.S. Bureau of the Census

**3520. Harold A. Winters Memorial Paper Session**

Room: *Private Dining Room 9* (Paper Session)

ORGANIZER(S): Norman Meek, California State U.

CHAIR(S): Norman Meek, California State U.

3:00 James C. Knox\*, U. of Wisconsin, *Drainage Development of the Upper Mississippi River*.

3:20 Joseph P. Hupy\*, Colgate U., *The Worst Place to Fight: Physical Geography and its Influences on the Battle of Verdun*.

3:40 Kent Butts\*, *Geography and the Ideological Struggle against Terrorism*.

4:00 Norman Meek\*, California State U., *A Tribute to the Life and Career of Geographer Harold "Duke" Winters*.

**3523. Geographic Visualization and Spatial Analysis (Sponsored by Spatial Analysis and Modeling Specialty Group, Cartography Specialty Group)***Room: Private Dining Room 16 (Paper Session)*

ORGANIZER(S): Heejun Chang, Portland State U.; Dr. Frank Hardisty, U. of South Carolina

CHAIR(S): Heejun Chang, Portland State U.

**3:00** Christopher Uejio\*, U. of Arizona; Andrew C. Comrie, U. of Arizona, *Fundamental Niche of West Nile Virus Vector Mosquitoes at Telescoping Extents.***3:20** Akiyoshi INASAKA\*, Department of Urban Engineering, the U. of Tokyo; Yukio SADAHIRO, Department of Urban Engineering, the U. of Tokyo, *Spatio-Temporal Analysis of Retail Distribution in Urban Space.***3:40** Jung-Eun LEE\*, U. of Tokyo; Yukio SADAHIRO, U. of Tokyo, *Comparison of Two Surfaces by Evaluating Their Spatial Differences.***4:00** Frank Hardisty\*, U. of South Carolina, *Using Cartograms for Geovisualization.***4:20** Heejun Chang\*, Portland State U.; Joseph Poracsky, Portland State U.; Teresa L Bulman, Portland State U., *Does graphical visualization help enhance students' understanding of quantitative geography?***3527. Latin America, Political and Urban Geography***Room: Adams Ballroom (Poster Session)*

ORGANIZER(S): Program Committee

Stephanie L Derrick\*, Keene State College, *New Urbanism in New England: New Ideas For Old Communities.*Robert Keeley\*, Clark U.; Jessa Loomis\*, Clark U., *College Students and the City: How First and Fourth Year College Students Perceive Place in Worcester, MA.*Michael John Widener\*, U. of Illinois Urbana-Champaign, *The Effects of Proximity to Recreational Facilities on High School Graduation.*Igor Vojnovic\*, Michigan State U.; Angelo Podagrosi, Michigan State U.; Perry Varnakovida, Michigan State U.; Shannon Smith, Michigan State U.; Joe Messina, Michigan State U.; Bruce Pigozzi, Michigan State U.; Joe Darden, Michigan State U., *Building Communities to Promote Physical Activity: Exploring the Lansing Capital Region.*P Sriraj, Ph.D.\*, U. of Illinois at Chicago; Piyushimita Thakuriah, Ph.D., U. of Illinois at Chicago; Mark Minor, U. of Illinois at Chicago; Joe Persky, Ph.D., U. of Illinois at Chicago; Kristen Hoschouer, U. of Illinois at Chicago, *Impact Evaluation of Job-Access-Reverse-Commute (JARC): A Methodological Approach.*John V. Ward\*, Environmental Dynamics Program, U. of Arkansas, *Past, Present, and Future Use of the Milwaukee Road Corridor in Washington State.*Kara Younkin, Clark U.; Rebecca Alper\*, Clark U., *Portland and Minneapolis Light Rail: Comparisons of Equity, Efficiency and Effectiveness.*Kevin Navarre\*, Unisversity of Toledo, *Light Vehicle Lane Commuter Highways for Chicago.*Gregory A Roberts\*, Eastern Illinois U., *Land Use Change and Suburban Sprawl in the Collar Counties of Chicago, IL.*Margarita Quinones\*, *Understanding the Factors that Influence Retail Gasoline Prices.*Sarah J. Brinegar\*, Marshall U., *Examining Economic Segregation in Space and Time: the Metropolitan Statistical Areas of Cincinnati, Cleveland, and Columbus, Ohio.*

- J. Clark Archer; Steve Lavin; Kenneth C. Martis\*, West Virginia U.; Fred Shelley, *Splinters and Revolts in American Presidential Elections: A Cartographic Sampling.*
- Cruz Mariana\*, U. of Edinburgh, *Comparing the efficacy of visual sampling in range-lands: Random versus participatory techniques.*
- Flavia Rey de Castro\*, U. of North Alabama; Lisa Keys-Mathews, U. of North Alabama, *Vulnerability to Disaster: A Spatial Analysis of Peru.*
- Jose Javier Lopez, Associate Professor\*, Minnesota State U., Mankato, *The Geography of Crime in Puerto Rico: A Cross-Municipality Study of Violent Crimes, 2000 to 2004.*
- Craig S. Revels\*, Central Washington U., *Mapping the Mahogany Landscape: Pattern and Process in Nineteenth Century Honduras.*
- Nickolas DeStefano-Blum\*, Rutgers U., *"Land cover change in the region of Havana and Matanzas, Cuba (1985-2001): The effect of Soviet Union Agricultural Subsidies Withdrawal.*
- Christopher J. Sutton\*, Western Illinois U.; Paul G. Marr, Shippensburg U. of Pennsylvania, *From Reeds on Burros to Chairs on Trucks: Craft Production Changes in the Purépecha Region of Michoacán, Mexico, 1940-2000..*
- Michael G. Noll\*, Valdosta State U., *Döner Kebab: More Than Just A Skewered Fast-Food Revolution.*

**3528. GIS Governance**Room: *Parlor A* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Stafford Binder, United States Geological Survey

**3:00** Peter George Chirico\*, United States Geological Survey, *Reconstruction and Modernization Challenges Facing the Afghan Geodesy and Cartography Head Office.*

**3:20** Ryan E. Baxter\*, Pennsylvania State Univ, *A Data and Metadata Architecture to Support Advanced Spatial Data Clearinghouse Functionality.*

**3:40** Dick Vraga\*, U. S. Geological Survey, *Geospatial Data Coordination Activities of the U.S. Geological Survey National Geospatial Programs Office.*

**4:00** Christopher Barnes\*, United States Geological Survey, *The U.S. Geological Survey Land Cover Institute.*

**4:20** Stafford Binder\*, United States Geological Survey; Michael J Cooley, U.S. Geological Survey; Larry (Bob) R Davis, U.S. Geological Survey, *Modernizing Topographic Mapping at the USGS.*

**3529. Music: Geographies of Jazz, Rock, and Appalachia**Room: *Parlor B* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Ms. Deborah J. Thompson, U. of Kentucky

**3:00** Hsiao-Wei Chen\*, National Taiwan U., *Rethinking subcultural resistance: A case study of commercial rock bands in Taipei.*

**3:20** Jason Woods\*, U. of Kansas, *A Geography of Kansas City Jazz.*

**3:40** Carol Medlicott\*, Northern Kentucky U.; Elizabeth J. Leppman\*, Eastern Kentucky U., *Inside the Hollow Square: The Subtle Geographies of the Sacred Harp Tradition.*

**4:00** Deborah J. Thompson\*, U. of Kentucky, *Gender and Appalachian Music.*



- 3530. A View from the Field: Conservation, Development and Land Use in the Amazon Basin (Sponsored by Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group, Latin America Specialty Group)**  
*Room: Parlor C (Paper Session)*  
 ORGANIZER(S): David Salisbury, U. of Texas  
 CHAIR(S): David Salisbury, U. of Texas  
 Introducer: David Salisbury  
**3:02** Jacqueline M. Vadjunec\*, Clark U., *Institutions, Identity and Land-Use/ Cover-Change in the Chico Mendes Extractive Reserve, Acre, Brazil.*  
**3:22** Brenda Baletti\*, U. of Texas at Austin, *Development, Conservation, and Urbanization in the Brazilian Amazon: the case of Belém's urban forests.*  
**3:42** Thomas Ludewigs\*, Environmental Science PhD program, Indiana U., *Land use, market integration and landscape change: perspectives from rubber-tapers and colonist farmers in settlement areas.*  
**4:02** David S. Salisbury\*, U. of Texas-Austin, *Caught between a Coca Field and a Conservation Unit: Land and Resource Use in the "Empty" Amazonian Borderlands of Peru.*  
 Discussant(s): Eduardo S. Brondizio, Indiana U.
- 3531. Indigenous Methodologies: Reconciling Academic Paradigms with Indigenous Practices II (Sponsored by Indigenous Peoples Specialty Group)**  
*Room: Parlor D (Panel Session)*  
 ORGANIZER(S): Renee Pualani Louis, U. of Hawaii  
 CHAIR(S): Renee Pualani Louis, U. of Hawaii  
 Panelists: Dr. Wendy R. Eisner, U. of Cincinnati; Heather Castleden, U. of Alberta; Dr. RDK Herman, Towson U.; Gisela Frias; Jay T. Johnson, U. of Canterbury
- 3532. Authors Meet Critics: Seeing the State: Governance and Governmentality in Rural India by Stuart Corbridge, Glyn Williams, Manoj Srivastava and René Véron**  
*Room: Parlor E (Panel Session)*  
 ORGANIZER(S): Craig Jeffrey, U. of Washington  
 CHAIR(S): Craig Jeffrey, U. of Washington  
 Panelists: Joe Painter, U. of Durham; Dr. Sharad Chari; Paul Robbins, U. of Arizona; Joanne P. Sharp, U. of Glasgow; Dr. Glyn Williams; Rene Veron, U. of Guelph
- 3534. The Politics of Participatory GIS - I (Sponsored by Political Geography Specialty Group, Geographic Information Science and Systems Specialty Group)**  
*Room: Parlor G (Paper Session)*  
 ORGANIZER(S): Matthew W. Wilson, U. of Washington; Timothy L. Nyerges, U. of Washington  
 CHAIR(S): Rina Ghose, U. of Wisconsin Milwaukee  
**3:00** Laxmi Ramasubramanian\*, Hunter College, *The Politics of Risk Communication: Advocating a Bottom-Up Approach to Policymaking.*  
**3:20** Kevin S Ramsey\*, U. of Washington, *Re-imagining citizenship through participatory GIS: A report of findings from interviews with potential PGIS users.*  
**3:40** Matthew W. Wilson\*, U. of Washington, *On producing an 'us' and 'them': imagining community as "half-empty" in the context of a participatory GIS.*

4:00 Peter A.K. Kyem, PhD, GISP\*, Central Connecticut State Univ, *Technological Intervention and Institutional Change: Mediating Power Relations to Facilitate Community Empowerment through Participatory GIS Applications.*

4:20 Jonnell Allen, Community Geographer\*, Syracuse U.; Jane M Read, Associate Professor, Syracuse U.; Don Mitchell, Professor, Syracuse U., *Community Geography: Navigating the Politics of Participation in Syracuse, New York.*

**3535. Digital Hazardscapes: Hazards, GIS & Remote Sensing (Sponsored by Geographic Information Science and Systems Specialty Group, Hazards Specialty Group, Remote Sensing Specialty Group)**

Room: *Parlor H* (Paper Session)

ORGANIZER(S): Tom Cova, U. of Utah; Rutherford V. Platt, Gettysburg College

CHAIR(S): Michael E. Hodgson, U. of South Carolina

3:00 Janis L Schubert\*, The U. of Texas at Dallas, *Modeling HAZMAT Transport Risk: A GIS Methodology.*

3:20 Samuel A. Batzli\*, Univ of Wisconsin-Madison; Eizi Toyoda, Japan Meteorological Agency; Peter Wolter, U. of Wisconsin-Madison; Tim Olsen, U. of Wisconsin-Madison; Glenda Roman, U. of Wisconsin-Madison, *Coupling Real-time Weather Information and Satellite Imagery in Support of Emergency Management.*

3:40 Tarek Rashed\*, U. of Oklahoma; Jerry Riggs, U. of Oklahoma; Joseph Kandeh, AIMS, UNDP Afghanistan Country Office, *Assessing Hydro-Meteorological Hazards in Data-Poor Cities: The Case of Flood Modeling in Kabul, Afghanistan.*

4:00 Nathan Wood, PhD\*, United States Geological Survey; Greg Tuck, San Jose State U., *Geospatial-data collection and application for assessing coastal-community vulnerability to tsunamis.*

4:20 Michael E. Hodgson\*, U. of South Carolina; Breue A Davis, Department of Homeland Security/NASA; Yang Cheng, JPL/Kinetx, *Probability of Satellite Image Collections Over Disaster Areas.*

**3537. Social (Re)production and Households II: Neoliberalism and Transformations in Social Reproduction (Sponsored by Economic Geography Specialty Group, Geographic Perspectives on Women Specialty Group, Socialist and Critical Geography Specialty Group)**

Room: *Dearborn 1* (Paper Session)

ORGANIZER(S): Ms. Sanjukta Mukherjee, Syracuse U.

CHAIR(S): Rosie Cox

3:00 Beverley Mullings\*, Queen's U., *The Crises and Contradictions of Social Reproduction in the Caribbean.*

3:20 Aimee A Kelly, Masters Candidate\*, U. of Colorado, Boulder, *Motivations, Identity, and the Distribution of Social Resources: Looking at Community Health Centers in the Front Range of Colorado.*

3:40 Sanjukta Mukherjee\*, Syracuse U. *Social Reproduction and the Indian state: Compromises between market forces and gender regimes.*

4:00 Maria Fannin\*, U. of Washington, *Choose wisely: midwifery politics and reproductive self-governance.*

Discussant(s): Altha J. Cravey, U. of North Carolina

**3538. Weather and Society: Changing Weather Knowledges II (Sponsored by Climate Specialty Group, Human Dimensions of Global Change Specialty Group, Environmental Perception and Behavioral Geography Specialty Group)**

*Room:* Dearborn 2 (Paper Session)

ORGANIZER(S): Jeffrey Charles Brunskill, Middlebury College; Mr. Samuel Randalls, U. of Birmingham

CHAIR(S): Mr. Samuel Randalls, U. of Birmingham

**3:00** Tori L. Jennings, Ph.D. Candidate\*, U. of Wisconsin-Madison, *Headlines and Heresies: Why We Debate Climate Change.*

**3:20** Leigh Johnson\*, Dept. of Geography, U. of California Berkeley, *Proprietary Climate Modeling: Reshaping Catastrophic Weather Risk and Knowledge.*

**3:40** Samuel Randalls\*, U. of Birmingham, *Creating the weather: constructing meteorological data.*

**4:00** Roger Turner\*, U. of Pennsylvania, *The Ever Changing Weatherman: Representing Technical Authority in 20th Century America.*

**4:20** Karen Pennesi, MA\*, U. of Arizona, *Traditional and Scientific Rain Predictions in Ceará, Northeast Brazil: Linguistic and Cultural Aspects.*

**3539. Dick Peet and the making of Radical Geography II: political economy, political ecology and development (Sponsored by Socialist and Critical Geography Specialty Group)**

*Room:* Dearborn 3 (Panel Session)

ORGANIZER(S): Mazen Labban, U. of Miami; Waquar Ahmed, Clark U.

CHAIR(S): Jayson Funke, Clark U.

Panelists: Ben Wisner, Cal State U.; David Slater, Loughborough U.; Ann Oberhauser, West Virginia U.; Kevin R. Cox, Ohio State U.; David Harvey; Adam Tickell, U. of Bristol

**3541. Reading Popular Cartography II (Sponsored by Cartography Specialty Group)**

*Room:* Clark 1 (Paper Session)

ORGANIZER(S): James R. Akerman, The Newberry Library

CHAIR(S): James R. Akerman, The Newberry Library

**3:00** Robert M. Edsall\*, Arizona State U., *Maps in the Wild: Lessons from a exercise in popular cartography.*

**3:20** Melinda Kashuba, Ph.D\*, Kashuba Research Services, *Assessing the Accuracy of the Nineteenth Century American County Atlas: An Adventure in Forensic Cartography.*

**3:40** Jonathan Lewis\*, Benedictine U., *A Preliminary Typology of Map Tattoos.*

**4:00** Nichole Wiedemann, Associate Professor\*, U. of Texas at Austin, School of Architecture, *POPULAR CARDOGRAPHY.*

**3543. Immigrants and Transnational Experiences in North American Cities (II): Economic Integration (Sponsored by Population Specialty Group, Urban Geography Specialty Group, Ethnic Geography Specialty Group)**

Room: Clark 3 (Paper Session)

ORGANIZER(S): Carlos Teixeira, U. of British Columbia Okanagan; Wei Li, Arizona State U.

CHAIR(S): David F. Ley, U. of British Columbia

**3:00** Lu Wang, Dr\*, Queen's U.; Lucia Lu, Dr., York U., *The Geography of Consumption in a Multicultural Society: A Case Study of Chinese Immigrant Consumer Choice in Toronto, Canada.*

**3:15** Heather Anne Smith\*, U. of North Carolina at Charlotte; David Ley, U. of British Columbia, *The Immigrant Experience of Poverty in Canadian Neighbourhoods of Concentrated Disadvantage.*

**3:30** Irina V. Sharkova, Ph. D.\*, Portland State U.; Mary C. King, Ph. D., Portland State U., *Recent Russian and Ukrainian Immigrants to the United States: Geography of Economic Success and Social Upward Mobility.*

**3:45** Jennifer J. Helzer\*, California State U., Stanislaus; Ashour Badal\*, California State U., Stanislaus, *Immigrants in the Marketplace: Ethnic Entrepreneurship in California's Central Valley.*

**3545. The Politics of Public Washroom Spaces II (Sponsored by Geographic Perspectives on Women Specialty Group, Sexuality and Space Specialty Group)**

Room: Clark 5 (Paper Session)

ORGANIZER(S): Meredith Pilling, Brock U.; Deborah Cowen, York U.

CHAIR(S): Deborah Cowen, York U.

**3:00** Jo-Anne Bichard\*, Bartlett School of Graduate Studies, U. College London; Julienne Hanson, Professor, Bartlett School of Graduate Studies, U. College London; Clara Greed, Dr, School of Planning & Architecture, U. of the West of England, *'Our Toilets': Access dilemmas in UK public washrooms.*

**3:20** Dharman Jeyasingham\*, *'Looking straight': location, gender and the dynamics of public sex.*

**3:40** Gregory Gajus\*, New College of California, *The Contested Boundaries Between Public and Private Space: Mapping the Gay Male World.*

**4:00** Jack Sinnott\*, Faculty of Education, Queen's U., *Perspectives Theoretic, Practic, and Romantic on the Tearoom Trade in a College Union.*

Discussant(s): Deborah Cowen, York U.

**3546. Re-making 'the Urban', Re-conceptualizing Urban Politics III: Boosterist Politics and the Remaking of Urban Landscapes (Sponsored by Centre for the Study of Cities and Regions)**

Room: Clark 7 (Paper Session)

ORGANIZER(S): Gordon MacLeod, U. of Durham; Joe Painter, U. of Durham

CHAIR(S): Gordon MacLeod, U. of Durham

**3:00** James C. Fraser\*, U. of North Carolina; Rachel Fleming, U. of North Carolina, *The Power and Fragility of Spatial Narratives for Urban Revitalization.*

**3:20** Stephanie A. Campbell\*, Simon Fraser U., *Cleaning House: Hiding Homeless People and the Geography of Stigma.*

**3:40** Jennifer Foster\*, York University, *The Don Valley Brick Works: Whose restoration? Whose space?.*

4:00 Scott Rodgers\*, King's College London, *Reconceptualizing journalistic practices of urban advocacy: the Toronto Star's 'new deal for cities'*.

4:20 Ute Lehrer\*, York U., *Urban Images, public space and the growth of private interests in Toronto.*

**3548. Remote Sensing Around the World**

Room: Clark 9 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Joseph P. Messina, Michigan State U.

3:00 ZHAOHUA CHEN\*, U. of Western Ontario; Jinfei Wang, U. of Western Ontario, *Land Use/Land Cover Mapping with SAR in The Three Gorges Area.*

3:20 Andrea E Brown, BA\*, U. of Florida, *Land-Cover Change for Three Watershed Basins in Siem Reap, Cambodia.*

3:40 Husam Ata\*, U. of Arkansas, *A digital approach to determine the tectonic activity in the Gulf of Aqaba area/Jordan.*

4:00 Biricik Gozde Ozacar\*; Stephen R Yool; Cigdem Goksel; Michael E Bonine, *Effects on Change Detection of Merged Spatial and Spectral Data over Istanbul, Turkey.*

4:20 Joseph P. Messina, Ph.D.\*, Michigan State U.; Paul L. Delamater, MA, Michigan State U., *Digital Video and Radar Data Integration for the Monitoring and Modeling of African Palm in the Ecuadorian Amazon.*

**3549. Engaging Critical Spaces for Sustainability 2 (Sponsored by Economic Geography Specialty Group)**

Room: Clark 10 (Paper Session)

ORGANIZER(S): Rob Krueger, Worcester Polytechnic Institute; Terry Marsden, Cardiff U. School of CIT

CHAIR(S): Dr. James Evans, U. of Birmingham

3:00 Rob Krueger\*, Worcester Polytechnic Institute; David Gibbs, U. of Hull, *New Economy Spaces: A place for sustainable development?.*

3:20 Lawrence Charles Kitchen\*, Cardiff U.; Terry Marsden, Cardiff U.; Paul Milbourne, Cardiff U., *Integrating Theory - Grounding Data: Towards an Understanding of Sustainable Development In Post-Industrial Spaces.*

3:40 Terry Marsden\*, Cardiff U. School of CIT, *Denial or Diversity? a reflection on the contribution of environmental social science in the era of vulnerability.* Terry Marsden..

**3550. GIS Professional Certification: Issues and Perspectives for Geographers (Sponsored by Geographic Information Science and Systems Specialty Group)**

Room: LaSalle 1 (Panel Session)

ORGANIZER(S): Francis Harvey, U. of Minnesota - Minneapolis

CHAIR(S): Francis Harvey, U. of Minnesota - Minneapolis

Panelists: William Huxhold; Nancy J. Obermeyer, Indiana State Univ; Francis Harvey, U. of Minnesota - Minneapolis

**3551. Geographies of Media II: Media and Society (Sponsored by Cultural Geography Specialty Group, Communication Geography Specialty Group)***Room:* LaSalle 2 (Paper Session)

ORGANIZER(S): James Craine, San Diego State U.; Christopher Moreno, San Diego State U.

CHAIR(S): Edward L. Jackiewicz, California State U. - Northridge

**3:00** Sarah F Ives\*, U. of Washington, *South African Soap Operas: Performing the Post-Apartheid Citizen.***3:20** Christina Dando\*, U. of Nebraska-Omaha, *of Cycles and Spheres: American Women, Mobility and the Media.***3:40** Stephanie L Boucher\*, U. of Maine at Farmington, *Signing the Scenery: The Dialogue Between the Production, Consumption, and Contestation of Outdoor Advertisements.***4:00** Oli Mould\*, U. of Leicester, *Re-conceptualising the Creative Industries: The horizontalisation of the Film and TV industry in Sydney.*

Discussant(s): Harald Bauder, U. of Guelph

**3552. Storied Spaces: New Research on Narrative Geographies - Session 3: Materialities (Sponsored by Cultural Geography Specialty Group)***Room:* LaSalle 3 (Paper Session)

ORGANIZER(S): Dr. Gareth C. Hoskins, U. of Wales, Aberystwy

CHAIR(S): Dr. Rhys Jones

**3:00** Veronica Della Dora\*, UCLA/Getty Research Institute, *Out of the Holy Mountain: Mount Athos and Joyce Nankinvell Loch's 'remote topophilia' between storytelling and materiality.***3:20** K. Maria D. Lane\*, Dept. of Geography, UT-Austin, *Natural Alteration as National Transformation: The Boulder Dam Landscape Story.***3:40** Ian Cook\*, School of Geography, U. of Birmingham, UK; James Evans, School of Geography, U. of Birmingham, UK; Helen Griffiths, School of Geography, U. of Birmingham, UK; Paul Murphy, C21VOX, Birmingham, UK; Antonio Gould, C21VOX, Birmingham, UK, *NR8.***4:00** Ellen Hostetter\*, U. of Kentucky, *Emotive Narratives of the Public Housing Landscape.***3554. Development in Central America***Room:* LaSalle 5 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mr. Derek Tait

**3:00** David Lansing\*, Ohio State Geography Department, *Plantation wage labor and household livelihoods in Costa Rica.***3:20** Benjamin Karney\*, Northwest Missouri State, *Honduran Cigar Industry: 1962-present.***3:40** Jason Davis\*, U.C. Santa Barbara, *The Dynamic Interplay between Remittances, Fertility and Resource Consumption in rural Guatemala.***4:00** Kathryn Davis, Assistant Professor\*, San Jose State U., *"Building Houses, Building Hope": Habitat for Humanity and Community Development in Guatemala.***4:20** Derek Tait\*, Department of Geography and Environmental Studies, Northeastern Illinois U., *Have Coffee, Will Travel: The Development of Coffee Agrotourism in Nicaragua.*

**3556. Housing and Race in American Cities, I: Public Policy Issues (Sponsored by Urban Geography Specialty Group)***Room: Sandburg 2 (Paper Session)*

ORGANIZER(S): James DeFilippis, Baruch College

CHAIR(S): James DeFilippis, Baruch College

**3:00** James DeFilippis\*, Baruch College, CUNY; Elvin Wyly, U. of British Columbia, *Running to Stand Still: through the looking glass with federally subsidized housing in the New York metropolitan area.***3:20** Gretchen Susi, Ph.D.\*, Aspen Institute Roundtable on Community Change, *The Community Service Requirement in NYC Public Housing: Relationships Between Representations of Race and Public Policies.***3:40** Christine L. Jocoy, PhD\*, California State U. - Long Beach; Vincent J. Del Casino\*, California State U., Long Beach, *Persistent discourses in the construction of homeless policy.***4:00** Michael Bacon\*, U. of North Carolina - Chapel Hill; Jim Fraser, U. of North Carolina - Chapel Hill; Rachel Fleming, U. of North Carolina - Chapel Hill, *Mixed-Income Housing and the Reproduction of Inequality.***4:20** Janet Smith\*; David Stovall, *Selling Homes and Schools: Towards a New Politics of Containment.***3557. Political Ecologies of Urban Waterfront Transformations I (Sponsored by Cultural and Political Ecology Specialty Group, Urban Geography Specialty Group)***Room: Sandburg 3 (Paper Session)*

ORGANIZER(S): Susannah Bunce, York U.; Gene L. Desfor, York U.

CHAIR(S): Gene L. Desfor, York U.

Introducer: Gene L. Desfor

**3:05** Susannah Bunce\*, York U., *Sustainability as Urban Revitalization Strategy: Convergences and Tensions between Sustainability and Economic Revitalization in the Re-development of Toronto's Waterfront.***3:20** Mark Davidson\*, Dartmouth College, *Whose 'Blue Ribbon Network'?***3:35** Paul Jackson\*, U. of Toronto, *Filling in the Cesspool: Cholera's Role in 19th Century Toronto's.***3:50** Niamh M. Moore, Dr\*, U. College, Dublin, *Managing the economy-environment relationship: Changing perceptions of the urban waterfront in Ireland and Canada.***4:05** Cian O' Callaghan\*, U. College Cork, Ireland; Denis Linehan, U. College Cork, *"A Little Too like Las Vegas for my Liking": identity, politics and conflict in waterfront development in Cork, Ireland.*

Discussant(s): Adrian Ivakhiv, U. of Vermont

- 3558. Heritage Tourism and Economic Development (Sponsored by Recreation, Tourism, and Sport Specialty Group, Regional Development and Planning Specialty Group)**  
**Room:** Sandburg 4 (Paper Session)  
 ORGANIZER(S): Dave Lemberg, Western Michigan U.  
 CHAIR(S): Dave Lemberg, Western Michigan U.  
 Introducer: Dave Lemberg  
**3:05** Rose Ann Switt\*, Western Michigan U., *The Old City of Segovia and Its Aqueduct: Preservation and Tourist Management.*  
**3:25** Gregory A. Plumb\*, East Central U., *The Process of Advocating a New National Park: Case of Proposed Linden Mills National Recreation Area.*  
**3:45** Dave Lemberg\*, Western Michigan U., *Implementing Coastal Heritage Water Trails in Michigan.*  
 Discussant(s): Deborah L. Che, Western Michigan U.
- 3559. Models as Theory/Models as Explanation (Sponsored by Economic Geography Specialty Group, Spatial Analysis and Modeling Specialty Group)**  
**Room:** Sandburg 5 (Paper Session)  
 ORGANIZER(S): Chris Fowler  
 CHAIR(S): Chris Fowler  
**3:00** Luke R. Bergmann\*, U. of Minnesota, *Theory by Modeling and Simulation: Moving Beyond Metaphorical Complexity.*  
**3:20** Catherine Dibble, PhD\*, U. of Maryland, *Inference with Agent-Based Pandemic Models.*  
**3:40** Christopher S.. Fowler\*, U. of Washington, *An agent-based model of geographical economics and critiques from the field.*  
 Discussant(s): Amy Glasmeier, Pennsylvania State U.; Barry Wellar, U. of Ottawa
- 3560. Katrina: Change of Scape, Change of Plans (Sponsored by Regional Development and Planning Specialty Group)**  
**Room:** Sandburg 6 (Panel Session)  
 ORGANIZER(S): Vandana Wadhwa, U. of Akron; Ashok K. Dutt, U. of Akron  
 CHAIR(S): Vandana Wadhwa, U. of Akron  
 Panelists: Ashok K. Dutt, U. of Akron; Bimal Kanti Paul, Kansas State U.; Tom W. Schmidlin, Kent State U.; Ute J. Dymon, Kent State; Dr. Meera Chatterjee
- 3561. The Role of Religion and Religious Organizations in the Development Process (Sponsored by Geography of Religions and Belief Systems Specialty Group)**  
**Room:** Sandburg 7 (Paper Session)  
 ORGANIZER(S): Charles J. Fuller, Triton College  
 CHAIR(S): Charles J. Fuller, Triton College  
**3:00** Charles J. Fuller, Ph.D.\*, Triton College, *Baha'i Faith Perspective on Social and Economic Development.*  
**3:20** Mark A. Rockeymoore\*, Texas State U., *Evangelical Christianity and Development in Africa.*  
**3:40** Laurence R. Simon\*, Brandeis U., *Theologies of Place: Theory, Dogma and the Struggle for a Third World Development.*  
**4:00** Jennifer Kopf\*, Georgia Southern U., *After the Caravans.*



4:20 Bryan T. Froehle, Ph.D.\*, Dominican U., *Religion and Megalopolis in the Global South*.

**3562. Geo Education Research II (Sponsored by Geography Education Specialty Group)**

Room: Sandburg 8 (Paper Session)

ORGANIZER(S): Jonathan M. Harbor, Purdue U.; Bryan Wee, Purdue U.

CHAIR(S): Sarah Battersby

3:00 Reginald G. Golledge\*, U. of California, Santa Barbara; Sarah E Battersby, U. of California, Santa Barbara; Meredith J Marsh, U. of California, Santa Barbara, *Minimal GIS to support geospatial concept education through the K-12 curriculum*.

3:20 Meredith Marsh\*, UCSB; Reginald Golledge; Sarah Battersby, *Geospatial Concept Understanding among K-undergraduate students: spatial relationship terms*.

3:40 Bryan Wee\*, Purdue U., *An exploration of children's ideas about land use*.

4:00 Judith K. Bock\*, *In the Footprints of the Glaciers*.

**3563. From shatter zones to sink estates and urban projects: understanding and mapping poverty in the 21st century II**

Room: Montrose 1 (Paper Session)

ORGANIZER(S): Graham Smith; Steve D. Millington, Insitute for Culture, Gender and the City - Manchester Metropolitan Universtiy

CHAIR(S): Steve D. Millington, Insitute for Culture, Gender and the City - Manchester Metropolitan Universtiy

Introducer: Steve D. Millington

3:05 R. Alan Walks\*, U. of Toronto; Larry S. Bourne, U. of Toronto, *The shifting concentrations of neighbourhood affluence and poverty in Canada's urban system under globalization, neo-liberalism, and economic restructuring*.

3:25 Joanne Cheesebrough\*, Sheffield Hallam U.; Josie Wilson, Sheffield Hallam U., *Beyond the look up table... Mapping Poverty using the UK Census of Population 2001 non standard tables..*

3:45 Graham Smith\*, Manchester Metropolitan U.; Steven Millington, Manchester Metropolitan U., *From shatter zones to sink estates and urban projects: understanding and mapping poverty in the 21st century*.

4:00 Gordon Walker\*, Lancaster U., *Relating urban poverty and environmental inequality*.

**3564. U.S. Electoral Geography**

Room: Montrose 2 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): John Wertman, Association of American Geographers

3:00 Iris Hui\*, UC Berkeley, *Methods for Assessing Voting System Performance: Evaluating LA County's InkaVote Using GIS*.

3:20 Zo Tobi, Scholar/Activist\*, Clark U., *From Plurality to Proportionality: Pragmatic Possibilities for Preventing the Partitioning of the Populace and the Polarized Partisanship of Our Present Politics*.

3:40 Sarah Starkweather\*, U. of Washington, *While the world looked on (and then some): transnational aspects of the 2004 U.S. presidential election*.

4:00 Rachel S Franklin\*, U. of Maryland, College Park, *Demographic Profiling: Red States and Blue States in Recent Elections.*

4:20 Richard L. Morrill\*, U. of Washington; Layy Knopp, U Minnesota, Duluth, *Anomales in Red and Blue.*

**3565. Applied Biogeography and Cultural Ecology in Semi-arid Africa (Sponsored by Africa Specialty Group, Cultural and Political Ecology Specialty Group, Biogeography Specialty Group)**

Room: Montrose 3 (Paper Session)

ORGANIZER(S): Paul Laris, CSU Long Beach; Chris Duvall, U. of Wisconsin, Madison

CHAIR(S): Paul Laris, CSU Long Beach

3:00 Chris S Duvall\*, U. of Wisconsin, Madison, *Bedrock, humans, and other sources of floristic variation in southwestern Mali.*

3:20 Molly E. Brown, PhD\*, Science Systems and Applications, *Biogeography, Food Security and Livelihoods in Senegal: Community Response to Changing Natural Resource Availability.*

3:40 Kimberly Medley\*, Miami U. Ohio, *Exploring Alternative Hypotheses of Forest Diversity at Mt. Kasigau, Kenya.*

4:00 Christine Mango Mutiti\*, Miami U., *Landscape structure in Acacia-Commiphora bushland, southeastern Kenya.*

4:20 Paul Laris, Ph.D.\*, CSU Long Beach, *The biogeographical implications of indigenous fire regimes in the humanized savanna landscape of southern Mali.*

**3569. Transportation GIS: Network Applications (Sponsored by Geographic Information Science and Systems Specialty Group, Transportation Geography Specialty Group)**

Room: Montrose 7 (Paper Session)

ORGANIZER(S): Dr. Jean-Claude Thill, U. at Buffalo; Irene Casas, SUNY at Buffalo

CHAIR(S): Irene Casas, SUNY at Buffalo

3:00 Wen Zeng\*, China U. of Geosciences; Jianjun Lv, China U. of Geosciences, *A Link-oriented Optimal Path Finding Strategy Using Partially Ordered Tree.*

3:20 Eunjung Lim\*, Department of Geography, SUNY at Buffalo; Jean-Claude Thill, Department of Geography, SUNY at Buffalo; Irene Casas, Department of Geography, SUNY at Buffalo, *GIS-based Simulation of Emergency and Rescue Units Response Time.*

3:40 Kevin M. Curtin, PhD\*, U. of Texas at Dallas; Steven Biba, Dallas Area Rapid Transit, *The Transit Route Arc-Node Service Maximization Problem.*

4:00 Irene Casas\*, SUNY at Buffalo, *"Temporary Network" Design for the Support of Emergency Response: Application to Hurricane Katrina Data.*

**3570. Politics of Participation 4: Social Justice and Natural Resources (Sponsored by Cultural and Political Ecology Specialty Group, Qualitative Research Specialty Group, Rural Geography Specialty Group)**

Room: Burnham 1 (Paper Session)

ORGANIZER(S): Carl Wilmsen, Univ of California- Berkeley; Marla Emery, USDA Forest Service

CHAIR(S): Marla Emery, USDA Forest Service

**3:00** Jonathan London, Ph.D.\*, Center for the Study of Regional Change, UC Davis, *Political Economy of Youth Erosion: Geographies of (In)Justice in the Other California*.

**3:20** Ara K. Erickson, M.S.\*, U. of Washington, *Equity in Urban Forest Management, Participatory Research Methods, and University Research Requirements*.

**3:40** Kathleen Bagby, Sierra Institute for Community and Environment; Jonathan Kusel, Ph.D.\*, Sierra Institute for Community and Environment, *Civic science partnerships with underserved communities in natural resource management*.

**4:00** Carl Wilmsen\*, Univ of California- Berkeley, *Participatory research: a fluid and negotiated process*.

Discussant(s): Lucy Jarosz, U. of Washington

**3571. Post-socialism IV: Between East and West? (Sponsored by Russian, Central Eurasian, and East European Specialty Group, Political Geography Specialty Group, Cultural Geography Specialty Group)**

Room: Burnham 2 (Paper Session)

ORGANIZER(S): Marianna Pavlovskaya, Hunter College

CHAIR(S): Mr. Andrey N Petrov, U. of Toronto

**3:00** Jeremy Tasch\*, U. of Alaska, Anchorage, *"East and/or West? Azerbaijan's Position at the Cross-roads"*.

**3:20** Gregory Ioffe\*, Radford U., *Cultural wars, geopolitics, and Belarusian identity*.

**3:40** Megan Dixon\*, U. of Oregon, *St. Petersburg's Chinese Quarter as Calibration between East and West*.

**4:00** Kathleen E. Braden, Professor\*, Seattle Pacific U., *Comparing Russian and Western Approaches to Ecotourism and Regional Development*.

Discussant(s): Dominique Moran, U. of Birmingham

**3573. Economic Geography: Ireland and the UK**

Room: Burnham 4 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Martin Boddy

**3:00** Patrick Weber\*, U. College London; Dave Chapman, U. College London, *Investing in Geography: a Geographic Information System to support Inward Investment in London*.

**3:20** Alexander Duncan Lord, PhD Student\*, U. of Manchester, UK; John Latham, PhD Student, Manchester U., UK, *The (unauthorized) Deconstruction of Manchester's Left Bank*.

**3:40** Paul Sissons\*, U. College London, *Commuting as a response to industrial decline in the Northumberland coalfield*.

**4:00** Martin Boddy, Professor\*, U. of the West of England; Don Webber, Dr, U. of the West of England; Anthony Plumridge, Mr, U. of the West of England; John Hudson, Professor, U. of Bath, *An empirical study of regional productivity differentials in the UK*.

**THURSDAY, MARCH 9**

**3:00 PM - 4:40 PM**

**3500**

**3574. The emotional geographies of 'doing ethnography' 4: Autoethnographies  
(Sponsored by Qualitative Research Specialty Group)**

*Room:* Burnham 5 (Paper Session)

ORGANIZER(S): David Butz, Brock U.; Samah Sabra

CHAIR(S): Samah Sabra

**3:00** David Butz\*, Brock U., *Autoethnography as prosthetic: Giving transcultural communication a leg to stand on.*

**3:15** Kim Naqvi, PhD\*, U. of Saskatchewan, *The Impact of Colonisation and Development Ideals on Self-Perception: An Autoethnographic Evaluation of Development Practice in Two Cultures.*

**3:30** Tom O'Neill\*, Brock U., *Open Field Notes: Autoethnographic transfiguration of fieldwork encounters in Nepal.*

**3:45** Veronica Crossa\*, The Ohio State U., *Some issues of an 'other' studying 'others': negotiating multiple selves in the field and in academe.*

**4:00** Samah Sabra\*, McMaster U., *Reading and Doing Autoethnography: Layers of Qualitative Analysis.*

**5:00 p.m. – 6:40 p.m.****3601. Forging New Frontier: Challenges and Advice for Junior Faculty***Room: Salon 1 (Panel Session)*

ORGANIZER(S): Kelli Larson, Arizona State U.

CHAIR(S): Kelli Larson, Arizona State U.

Introducer: Kelli Larson

Panelists: Patricia Gober, Arizona State U.; Dr. Paul F. Starrs, U. of Nevada; Gordon E. Matzke, Oregon State U.

**3602. Current Directions in Critical Geopolitics (Sponsored by Political Geography Specialty Group)***Room: Salon 2 (Panel Session)*

Panelists: Merje Kuus, U. of British Columbia

**3604. Rural Dynamics in the US III: Classification and Regionalization (Sponsored by Rural Geography Specialty Group, Population Specialty Group)***Room: Salon 4 (Paper Session)*

ORGANIZER(S): Alexander C. Vias, U. of Connecticut; Peter B. Nelson, Middlebury College

CHAIR(S): Alexander C. Vias, U. of Connecticut

**5:00** Jill Kathleen Clark\*, The Ohio State U.; Darla K Munroe, The Ohio State University; Elena G Irwin, The Ohio State U., *Putting exurbia on the map: A typology of the ever-growing US exurban regions.***5:20** J. Matthew Shumway\*, Brigham Young U.; Richard Jackson, Brigham Young U., *Amenity Levels, Economic Change, and the Siting of LULUs in the Rural Mountain West.***5:40** Alexander C. Vias\*, U. of Connecticut; Gordon Mulligan, U. of Arizona, *A classification of community opportunity and vulnerability in the micropolitan areas of the US, 1980-2000.***6:00** David A. Plane\*, U. of Arizona; Christopher Henrie\*, Pittsburg State U.; Jason Jurjevich, U. of Arizona, *Modeling the Urban Hierarchical Proximity Effect on Net Migration to Rural, Micropolitan, and Small-Metropolitan Counties.***3605. Author Meets Critics: Craig E. Colten, author of An Unnatural Metropolis: Wrestling New Orleans from Nature (Sponsored by Hazards Specialty Group)***Room: Salon 5 (Panel Session)*

ORGANIZER(S): John A. Cross, U. of Wisconsin-Oshkosh

CHAIR(S): John A. Cross, U. of Wisconsin-Oshkosh

Introducer: John A. Cross

Discussant(s): Burrell E. Montz, Binghamton U.; Jay Baker, Florida State; Kirstin Dow, U. of South Carolina

Panelists: Craig Colten, Louisiana State U.

**3606. Placing fat/bigness/corpulence in geographical research II (Sponsored by Geographic Perspectives on Women Specialty Group)***Room:* Salon 6 (Paper Session)

ORGANIZER(S): Dr. Rachel Colls; Bethan Evans

CHAIR(S): Dr. Rachel Colls

**5:00** Bethan Evans\*, U. of Liverpool, UK, *'Be fit not fat': children's bodies, schooling and (anti)obesity education.***5:20** Clare Herrick\*, UCL, *Shifting blame/selling health: corporate responsibility in an age of obesity.***5:40** Emma Louise Rawlins\*, U. of Leeds, *Bodyspace: A study of Childhood Obesity.*

Discussant(s): Rachel Pain, U. of Durham

**3607. Population and Cultural Geography***Room:* Salon 7 (Interactive Short Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Erik Prout, Texas A&amp;M U.

**5:00** Robert McNab Kerr\*, U. of Central Oklahoma, *Transborder Transgressions: Windsor, Ontario as Detroit's Underage Entertainment District.***5:05** James Chaney\*, Western Kentucky U., *The Rise of the Hispanic Enclave in Davison, County.***5:10** Ashley Powers Clark\*, SUNY Geneseo, *Refugee Resettlement in Monroe County.***5:15** Christine Grimando\*, Clark U., *Coastal Maine: Gentrification at the Urban-Rural Fringe.***5:20** Edward L. Jackiewicz\*, California State U. - Northridge, *London Calling?: An Examination of Lation Migration and Transnationalism.***5:25** Todd Lindley\*, Indiana U., *Intercountry adoption to the U.S. as a migration event.***5:30** Ken Whalen\*, U. of Florida, *Blazing the Trail of Tears.***5:35** Margaret Kaluzny\*, San Jose State U., *Convivencia in Medieval Spain: Christians, Jews and Muslims sharing sacred space in the neighborhood of San Bartolome.***5:40** Thomas Puleo\*, UCLA, *Landscape and redevelopment in San Francisco's Fillmore District.***5:45** Olivia Montalvo\*, Arizona State U., *Memorialized Landscapes for the Murdered and Missing Women of Ciudad Juarez, Chihuahua, Mexico.***5:50** Mark Giordano\*, Oregon State U., *When "Conservation" Leads to Land Degradation: Lessons from Ban Lak Sip, Laos.***5:55** Erik Prout\*, Texas A&M U., *Democracy on the Square: Political Iconography of County Courthouses in Texas.***3608. Research on China Geography (II): Identity and Dialogue with the Mainstream Geography. (Sponsored by China Specialty Group)***Room:* Salon 8 (Panel Session)

ORGANIZER(S): Shuguang Wang, Ryerson U.; George Lin, U. of Hong Kong

CHAIR(S): George Lin, U. of Hong Kong

Panelists: Cindy Fan, UCLA; Yehua Dennis Wei, U. of Wisconsin-Milwaukee; Prof. Fulong Wu; Yifei Sun, California State U., Northridge; Wei Li, Arizona State U.; Weidong Liu, Chinese Academy of Sciences; Jinn-Yuh Hsu, National Taiwan U.

**3609. Land Cover/Land Use Change II (Sponsored by Climate Specialty Group, Cryosphere Specialty Group)***Room: Salon 9 (Paper Session)*

ORGANIZER(S): Dr. Oliver W. Frauenfeld, U. of Colorado; Rezaul Mahmood, Western Kentucky U.

CHAIR(S): Dr. Oliver W. Frauenfeld, U. of Colorado

**5:00** Rezaul Mahmood\*, Western Kentucky U.; Kenneth G. Hubbard, U. of Nebraska-Lincoln, *Agricultural Cool Island*.**5:20** Alexander V. Prishchepov\*, U. of Wisconsin, Madison; Pedro C. Alcantara, U. of Wisconsin, Madison; Volker C. Radeloff, University of Wisconsin, Madison, *"Monitoring agricultural land abandonment in Eastern Europe with multitemporal MODIS data products"*.**5:40** Eugenia Kalnay\*, U. of Maryland; Ming Cai, Florida State U.; Hong Li, U. of Maryland, *Impact of Land-Use on Climate Change*.**6:00** Ming Cai\*, Florida State U.; Young-Kwon Lim, Department of Meteorology, Florida State U.; Eugenia Kalnay, Department of Atmospheric and Oceanic Science, U. of Maryland, *Use of Reanalysis for Detecting Climate Change Sensitivity to Land Types and Urbanization*.**6:20** Dev Niyogi\*, Purdue U.; Roger A. Pielke, Sr., Colorado State U.; Jimmy Adegoke, U. of Missouri at Kansas City; Hsin-I Chang, Purdue U.; Tom Chase, U. of Colorado; Ellen Douglas, U. of New Hampshire; Manish Gupte, Purdue U.; Curtis Marshall, NOAA; Toshihisa Matsui, Colorado State U.; Patrick C Pyle, North Carolina State U.; Marshall Shepherd, GSFC/NASA, *Considering the Role of Aerosols and Land - Atmosphere Interactions Related to Agriculture and Urbanization in Climate Studies*.**3610. Geographers, Quaternary Science, and Geoarchaeology: a call for integration, organization, and a new AAG specialty group.***Room: Salon 10 (Panel Session)*

ORGANIZER(S): Timothy Beach, Georgetown U.

CHAIR(S): Timothy Beach, Georgetown U.

Discussant(s): Timothy Beach, Georgetown U.

Panelists: Prof. Bryan Shuman, U. of Minnesota; Scott A. Mensing, U. of Nevada - Reno; James H. Speer, Indiana State U.; David F Porincho, Ohio State U.; Michelle Goman, Cornell U.; Amy M. Bloom, U. of Utah

**3611. Dendrochronology V: Dendrochemistry and Stable Isotopes (Sponsored by Biogeography Specialty Group)***Room: Salon 11 (Paper Session)*

ORGANIZER(S): James H. Speer, Indiana State U.; Lesley Rigg, Northern Illinois Univ

CHAIR(S): Lesley Rigg, Northern Illinois Univ

**5:00** Laura E. Hudson\*, U. of Wyoming; Elise Pendall, U. of Wyoming, *Drought sensitivity of limber pine in the central Rocky Mountains determined from carbon isotopes and ring widths*.**5:20** Lesley Rigg\*, Department of Geography, Northern Illinois Univ; Linda Jones, Department of Geology and Environmental Geosciences, NIU; Melissa Lenczewski, Department of Geology and Environmental Geosciences, NIU, *Uptake, storage and influence of nickel and other metals in the wood of Araucaria laubenfelsii in both maquis and rainforest associated with ultramafic soils in New Caledonia*.

- 5:40 Melissa Lenczewski\*, Northern Illinois U.; Lesley S. Rigg, Northern Illinois U.; Linda Jones, Northern Illinois U., *Stable isotope ratio from trees growing in ultramafic soils, New Caledonia.*
- 6:00 Linda S. Jones, MS\*, Northern Illinois Univ; Lesley S Rigg, PhD, Northern Illinois U.; Melissa Lenczewski, PhD, Northern Illinois U., *Use of dendroanalysis to study temporal changes in environmental chemistry along the deciduous forest / boreal forest ecotone in Lake Superior Provincial Park, Ontario, Canada.*
- 6:20 Peter Kirchner\*, U. of Nevada, Reno; Franco Biondi, Ph.D., U. of Nevada, Reno; Joe McConnell, Ph.D., Desert Research Institute, *Dendrochemistry of Yellow Pines, a Comparison of Multiple Samples.*

**3612. Geospatial Intelligence Academic Research (Sponsored by Military Geography Specialty Group)**

Room: Salon 12 (Paper Session)

ORGANIZER(S): Dr. Scott A. Loomer, NGA

CHAIR(S): Dr. Scott A. Loomer, NGA

- 5:00 Scott A. Loomer, Ph.D.\*, National Geospatial-Intelligence Agency, *Academic Research Opportunities at the National Geospatial-Intelligence Agency.*
- 5:20 Barry Bitters, Ph.D., GISP\*, U. of West Florida, *Enhanced Urban Synthetic Environments thru Logical Feature Population Techniques.*
- 5:40 Julie Stone, U. of Southern Mississippi; Maria Cobb\*, U. of Southern Mississippi; Dia Ali, U. of Southern Mississippi; Paulus Wahjudi, U. of Southern Mississippi; Gregory Coburn, U. of Southern Mississippi, *Comparing Dynamic and Static Indexing for Geospatial Data Access.*
- 6:00 Ashton M. Shortridge\*, Michigan State U.; Joseph P. Messina, Michigan State U.; Sarah Hession, Michigan State U.; Yasuyo Makido, Michigan State U.; Simon Seamount, Michigan State U., *Developing ontology-driven GIS for the distribution of uncertain spatial data.*

**3613. Water Resources and Land Use Issues**

Room: Cresthill Room 11 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Josh Epting, U. of Memphis

- 5:00 Thomas Minckley, Department of Botany\*, U. of Wyoming; Andrea Brunelle, Department of Geography, U. of Utah, *Growth and Development of Ciénegas in the Southwestern United States.*
- 5:20 David Lusch, Ph.D., GISP\*, Michigan State U., *Statewide Mapping of the Estimated Yield from Glacial Aquifers in Michigan.*
- 5:40 Barnali Dixon, Asst. Professor\*, U. of South Florida; Nivedita Candade, M.S., B.S.; Julie Earls, M.S.P.H., B.S., U. of South Florida - St. Petersburg, Geo-Spatial Analytics Lab, *Development of an integrated methodology to assess vulnerability of ground water to pathogen intrusion using GIS, remote sensing, neural networks and neuro-fuzzy methods.*
- 6:00 Hubert B. Stroud\*, Arkansas State U., *TDCs Offer TLC for Oregon's Groundwater Resources.*
- 6:20 Joshua Warren Epting\*, U. of Memphis; Hsiang Te Kung, Ph.D, Univeristy of Memphis, *Agricultural Average and Estimated Water Use in the Mississippi Delta.*



**3614. Geography v2.0: Internet-based Virtual Globes (Sponsored by ESRI)***Room: Crystal Room (Panel Session)*

ORGANIZER(S): Josh Bader

Discussant(s): David J. Cowen, U. of South Carolina

Panelists: David J. Cowen, U. of South Carolina; Patrick Hogan, NASA Ames Research Center; David Maguire, ESRI; Tim McGrath, Microsoft

Reception immediately following.

**3615. Geography of Okinawa (Sponsored by Asian Geography Specialty Group)***Room: Private Dining Room 4 (Paper Session)*

ORGANIZER(S): Philip C. Brown, Ohio State U.; Shawn M. Banasick, Kent State U.

CHAIR(S): Philip C. Brown, Ohio State U.

Introducer: Philip C. Brown

Discussant(s): Shawn M. Banasick, Kent State U.

**3616. Soil Geography and Geomorphology III: Climate and Eolian Influences (Sponsored by Geomorphology Specialty Group)***Room: Private Dining Room 5 (Paper Session)*

ORGANIZER(S): Randy Schaetzl, Michigan State U.; Peter Scull

CHAIR(S): Peter Scull

**5:00** Randy Schaetzl, PhD\*, Michigan State U.; Walter Loope, PhD, US Geological Survey, *Silty upland soils and glaciolacustrine environments in northern Michigan: Using soil "spatial signatures" to understand landscape evolution.***5:20** Mark C Nelson\*, U. of Wisconsin-Eau Claire; Ashley Wong, U. of Wisconsin-Eau Claire; Karen G Havholm, PhD, U. of Wisconsin-Eau Claire; Garry L Running, PhD, U. of Wisconsin-Eau Claire, *Dunes, Forests, and People during the Late-Holocene: Evidence from Buried Podzolic Soils in the Crepeele Dune Field, Southwestern Manitoba.***5:40** Greg Okin\*, U. of Virginia; Junran Li, U. of Virginia; Lorelei Hartman, U. of Virginia; Howard Epstein, U. of Virginia, *Impact of Aeolian Processes on Soil Surface Resource Distribution.***6:00** Stephani Michelsen-Correa\*, Colgate U.; Peter Scull, Colgate U., *The Impact of Reforestation on Soil Temperature.***6:20** Peter R Scull, Assistant Professor\*, Colgate U.; Jennifer A. Miller\*, West Virginia U., *Using multivariate adaptive regression splines to assess the extent to which climate controls landscape-scale soil carbon variability.***3617. Assessing Landslide and Fire Hazards with Remote Sensing***Room: Private Dining Room 6 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Dr. Susan Page

**5:00** Leonhard Blesius\*, U. of Iowa; Frank Weirich, U. of Iowa, *Estimation of geotechnical slope stability parameters for landslide susceptibility mapping using satellite imagery.***5:20** Maria Jose Garcia Quijano\*, U. of South Carolina; John R. Jensen, Ph.D., Department of Geography, U. of South Carolina; Michael E. Hodgson, Ph. D., Department of Geography, U. of South Carolina; John Gladden, Ph.D., Environmental Sciences and Technology Department, Savannah River Site

National Laboratory; Brian C. Hadley, Department of Geography, U. of South Carolina; Lewis Lapine, Ph.D., South Carolina Geodetic Survey; Michael Serrato, Environmental Sciences and Technology Department, Savannah River Site National Laboratory, *Subsidence detection on hazardous waste sites using lidar at two flying altitudes.*

- 5:40** Beth L. Hall\*, Desert Research Institute, *Natural wildfire ignitions and radar reflectivity in Arizona and New Mexico.*
- 6:00** Todd J. Hawbaker\*, U. of Wisconsin - Madison; Volker C. Radeloff, U. of Wisconsin - Madison; Alexandra D. Syphard, U. of Wisconsin - Madison; Susan I. Stewart, U.S. Forest Service North Central Research Station; Roger B. Hammer, U. of Wisconsin - Madison, *Modern fire geography of the U.S. derived from MODIS satellite active fire data.*
- 6:20** Susan Page, Dr\*, Department of Geography, U. of Leicester, UK; Kevin Tansey, Dr, Department of Geography, U. of Leicester, UK; Agata Hoscilo, Department of Geography, U. of Leicester, UK; Nicholas Tate, Dr, Department of Geography, U. of Leicester, UK, *New observations of Indonesian peatland fires with the Disaster Monitoring Constellation (DMC) satellite: An initial assessment of burnt area and forest cover during the 2005 dry season.*

**3618. Diverse Representations of Geographic Information (Sponsored by Geographic Information Science and Systems Specialty Group, Cartography Specialty Group)**

*Room:* Private Dining Room 7 (Paper Session)

ORGANIZER(S): Timothy L. Nyerges, U. of Washington

CHAIR(S): Robert B. McMaster, U. of Minnesota - Twin Cities

**5:00** Francis Harvey\*, U. of Minnesota - Minneapolis, *The Elasticity of Land, Civil and Political Society, and Geographic.*

**5:20** Barbara Poore\*, United States Geological Survey, *The Governance of Spatial Data Infrastructures.*

**5:40** Tara A. Maddock\*, U. of Kentucky, *Working Across Boundaries: Nature, Society and GIS.*

**6:00** Mark Monmonier\*, Syracuse U., *Cartography in the Twentieth Century: A Progress Report on Volume Six of the History of Cartography.*

**3619. Career Development and Graduate Geography (Sponsored by Graduate Student Affinity Group, Enhancing Departments and Graduate Education project (EDGE))**

*Room:* Private Dining Room 8 (Paper Session)

ORGANIZER(S): Beth Schlemper, AAG

**5:00** Beth Schlemper, PhD\*, Association of American Geographers, *Enhancing Departments and Graduate Education (EDGE): Student, Alumni and Employer Responses to Contemporary Geography Career Development Issues.*

**5:15** Kenneth E. Foote\*, U. of Colorado at Boulder, *The Geography Faculty Development Alliance: Progress and Prospect.*

**5:30** Lori Homer, PhD\*, U. of Washington, *Findings from the Social Science PhDs — Five+ Years Out Study.*

**5:45** Patricia Solis\*, Association of American Geographers, *Enhancing career development and graduate geography as a strategic goal within the Association of American Geographers.*

**3620. Harold A. "Duke" Winters Tribute Session***Room: Private Dining Room 9 (Panel Session)*

ORGANIZER(S): Margorie Winters

CHAIR(S): Douglas Richardson, Association of American Geographers

Richard A. Marston, Kansas State U.

Harm J. de Blij, Michigan State U.

Eugene J. Palka, US Military Academy, West Point

William Doe, Western Illinois U.

Francis A. Galgano, Jr., United States Military Academy

John Harrington, Jr, Kansas State U.

Stephen S. Birdsall University of North Carolina, Chapel Hill

Bryon Middlekauff, Plymouth State College

Gerald E. Galloway, Brigadier General, U.S. Army Retired

Bruce Rhoads, U. of Illinois

David Campbell, Michigan State U.

W. Andrew Marcus, U. of Oregon

Ronald F. Abler, International Geographical Union

Frederick E. Nelson, U. of Delaware

James O. Wheeler, U. of Georgia

Margorie Winters

**3623. Integration of GIS into the K-12 Curriculum (Sponsored by Geographic Information Science and Systems Specialty Group, Geography Education Specialty Group)***Room: Private Dining Room 16 (Panel Session)*

ORGANIZER(S): Arthur N. Samel, Bowling Green State U.

CHAIR(S): Arthur N. Samel, Bowling Green State U.

Panelists: Arthur N. Samel, Bowling Green State U.; Dr. Rich B. Schultz, Elmhurst College; Sarah Barr, After School Matters; Joseph J. Kerski, United States Geological Survey; Petra A. Zimmermann, Ball State U.; Bruce A. Ralston, U. of Tennessee; Kefa M. Otiso

**3624. Political Geography Annual Plenary Lecture (co-sponsored by Elsevier Science) (Sponsored by Political Geography Specialty Group)***Room: Private Dining Room 17 (Paper Session)*

ORGANIZER(S): John V. O'Loughlin, U. of Colorado

CHAIR(S): John V. O'Loughlin, U. of Colorado

Introducer: John V. O'Loughlin

**5:05** Jacques Levy\*, Ecole Polytechnique Federale De Lausanne, Switzerland, *Globalization as a Political Invention: Geographical Lenses.*

Discussant(s): Vladimir Kolossov, Russian Academy of Sciences

**3626. Urban Geography Plenary Lecture (Sponsored by Urban Geography Specialty Group)***Room: Monroe Ballroom (Panel Session)*

ORGANIZER(S): David Wilson, U. of Illinois

CHAIR(S): Robert W. Lake, Rutgers U.

Introducer: Robert W. Lake

Discussant(s): Laura Y. Liu, New School U.; Katharyne Mitchell

**3627. Remote Sensing and Water Resources**

Room: Adams Ballroom (Poster Session)

ORGANIZER(S): Program Committee

Jiansheng Yang\*, Ball State U.; Yeqiao Wang, U. of Rhode Island, *Estimation of Methane (CH<sub>4</sub>) Flux in Sanjinag Plain in Northeast China Using MODIS Data*.

Ellen Jasinski\*, Science Systems and Applications, Inc.; Douglas Morton, U. of Maryland; Ruth DeFries, U. of Maryland; Yosio Shimabukuro, Instituto Nacional de Pesquisas Espaciais; Liana Anderson, Instituto Nacional de Pesquisas Espaciais, *Importance of Physical Landscape Factors for Cropland Expansion in Mato Grosso, Brazil: A Probability Model Using Remote Sensing Data*.

Pedro C Alcantara\*, U. of Wisconsin - Madison; Alexander V Prischepov, U. of Wisconsin - Madison; Volker and C. Radeloff, U. of Wisconsin - Madison, *Land cover and land use change detection in Eastern Europe with Landsat TM/ETM+ time series data*.

Kelley J. O'Neal\*, U. of Maryland; Luigi Boschetti, U. of Maryland; Christopher Justice, U. of Maryland, *Effects of land use and management on the spatio-temporal pattern of fire in grasslands*.

Kallol Ganguli\*, NOAA CREST; Shayesteh Mahani, Ph.D, NOAA CREST; Reza Khanbilvardi, Ph.D, Director- NOAA CREST, *Validation of Real Time Satellite Based NESDIS Rainfall Products*.

Ryan R. Jensen\*, Indiana State U.; Paul Mausel, Indiana State U.; Nelson Dias, Indiana State U.; Chenghai Yang, USDA-ARS, Subtropical Research Center; James Everitt, USDA-ARS, Subtropical Research Center; Reginald Fletcher, USDA-ARS, Subtropical Research Center, *Hyperspectral Analysis of Black Mangrove Communities in South Padre Island, Texas*.

David M. Nelson\*, Arizona State U.; Elizabeth Wentz, Arizona State Universtiy, *Land Use/Land Cover Classification of Delhi, India, Using An Expert System Model*.

Geoffrey A Phelps, MS\*, U.S. Geological Survey; Sarah E Robinson, PhD, U.S. Geological Survey; David M Miller, PhD, U.S. Geological Survey, *Investigating the spatial point patterns generated by two plant species on alluvial fan deposits of the Mojave Desert*.

Karly C. Hellrung\*; Thomas Frank, Dr., U. of Illinois; Donald Luman, Dr., ISGS, *Land Cover Change with Object-Oriented Imagery Segmentation*.

Joshua Trampier\*, Oriental Institute, U. of Chicago, *Reconstructing the Ancient Desert and Sown Landscape of Abydos, Egypt*.

Nicholas P. Kohler, Ph.D. \*, U. of Oregon; James E. Meacham, Sr Rsch Assoc, Dept. of Geography, U. of Oregon; Esther Jacobson-Tepfer, Kerns Professor, Dept. of Art History, *Environmental conditions around complexes of surface archeology in the Altai Mountains of Mongolia: implications for field research and site preservation*.

Samuel Mutiti\*, Miami U., *Assessing the Status of Drinking Water and Potential for New Water Sources in the Kasigau Communities, South East Kenya*.

Dawn E Will\*, New Mexico State U., *Impermeable Surfaces in an Urban Landscape*.

Kate J Del Vecchio\*, Clark U.; Isaac Payano, Clark U.; Sarah Assefa, Clark U.; Laura Merner, Clark U., *Assessing Vulnerability to Drought in the Ipswich River*.

L. Jean Palmer-Moloney\*, San Jose State U./NASA Ames Co-op, *Critical Parameters of Southern San Francisco Bay: Monitoring State Change in the Ecosystem Restoration*.

- Debjani Deb\*, Department of Earth and Atmospheric Sciences, Purdue U., West Lafayette, Indiana, *Modeling the Fate and Transport of Livestock Antibiotics in Indiana Watersheds.*
- Dibyajyoti (DIBY) Tripathy\*, Purdue U., *Watershed Imperviousness and Stream Baseflow.*
- Patricia Bowie\*, Earth and Environmental Sciences, Furman U., Greenville, SC 29613; Christina Polito, Geosciences, San Francisco State U., San Francisco, CA 94132; Suresh Muthukrishnan, Earth and Environmental Sciences, Furman U., Greenville, SC 29613; Gregory P. Lewis, Biology, Furman U., Greenville, SC 29613; C. Brannon Andersen, Earth and Environmental Sciences, Furman U., Greenville, SC 29613, *Land cover, channel morphology and hydrologic conditions as controlling factors for nitrate flux into stream system, Mountain Creek Watershed, SC.*
- Jessica A Schluederberg\*, The U. of Arizona Geography Department; Jerry Underwood, U. of Arizona; marco Macias, U. of Arizona Geography, *Vulnerability and Adaptive Capacity to Hydroclimatic Change In Cochise County AZ and North Eastern Sonora Mexico.*
- Mindy M Conyers\*, Texas State U., *A sensitivity analysis of the hydraulically-assisted bathymetry model for remote sensing of river depths.*
- Matthew Sykes, student\*, Rowan U., *The Positive and Negative Impacts of the Three Gorges Dam.*
- Mark A. Booher, Student\*, Slippery Rock U.; Sara A Shuman, Student\*, Temple U.; Gabriela Maldonado, Student\*, Penn State U., *Vulnerability of Penn's Valley, Pennsylvania to Hydroclimatic Variations and Extremes.*
- Kay Gandy\*, Western Kentucky U., *A Comparison of Two Rivers: The Mississippi and the Yangtze.*
- Isaac Anibal Payano\*, HERO - REU Clark U.; Kate Del Vecchio, HERO Researcher; Sarah Assefa, HERO Researcher; Laura Merner, HERO Researcher; Colin Polsky, Faculty Advisor, Clark U., *Assessing Vulnerability to Drought in the Ipswich River Watershed, MA.*
- Kathryn Cody Sachs\*, Macalester College, *Geopolitics of Hydroelectricity Production in Northern Manitoba.*
- Kelley A. Crews-Meyer\*, U. of Texas; Kenneth R Young, U. of Texas; Sahotra Sarkar, U. of Texas — Biology & Philosophy; Alex Moffett, U. of Texas — Philosophy; Mario Cardozo, U. of Texas; Damion Brook Kintz, U. of Texas, *Agents, Anchors, or Arrestors? Alterations & Alternations from the Andes and Amazon.*

**3628. GIS: Conservation and Natural Environment**

*Room:* Parlor A (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Robert Emmett Roth

**5:00** Kim Hung Kwong\*, *Three-Dimensional GIS as a Public Engagement Tool in Environmental Impact Assessment.*

**5:20** Jonathan Ogren\*, U. of Texas at Austin, *Evaluating the Use of Watershed Catchments to Determine Priority Areas for Biodiversity Conservation.*

**5:40** Patrick R Huber\*, UC Davis; Steven E Greco, UC Davis, *Spatial and temporal considerations in ecoregional conservation planning efforts: the effect of boundary definitions and historical baselines.*

**6:00** Wenjie Sun\*, Indiana U., Bloomington, *Proposing a GIS-based Integrated Approach to Explore LUCC Dynamics— the Case of Monroe County, Indiana.*

**6:20** Robert E. Roth\*, U. of Wisconsin-Madison; Jesse D. Papez, U. of Wisconsin-Madison, *Ecological Restoration in a GIS Setting: The Integration of Domain Knowledge into Spatial Analysis for Restoration Projects.*

**3629. Spatial Analysis and Modeling Plenary Lecture and Geographical Analysis Reception (Sponsored by Spatial Analysis and Modeling Specialty Group)**

*Room:* Parlor B (Paper Session)

**5:00** Kingsley E. Haynes, George Mason U.

**3630. A View from the Field II: Agrarian Reform, Development and Land Cover Change in Eastern Amazonia. (Sponsored by Economic Geography Specialty Group, Human Dimensions of Global Change Specialty Group, Latin America Specialty Group)**

*Room:* Parlor C (Paper Session)

ORGANIZER(S): Marcellus Caldas, Michigan State U.; Stephen Peter Aldrich, Michigan State U.

CHAIR(S): Marcellus Caldas, Michigan State U.

**5:00** Stephen Peter Aldrich\*, Michigan State U.; Cynthia Simmons, Michigan State U.; Robert T Walker, Michigan State U.; Marcellus Caldas, Michigan State U.; Eugenio Arima, Michigan State U., *Land Reform and Deforestation in the South of Pará, Brazil.*

**5:20** Rebecca Mongiat\*, Michigan State U., *Families on the Frontier: Families and Environmental Degradation in the Brazilian Amazon.*

**5:40** Cynthia Simmons\*, Michigan State U.; Robert Walker, Michigan State U.; Marcellus Caldas, Michigan State U., *Direct Action Land Reform (DALR) in the Brazilian Amazon: the Contentious Politics of Agrarian Reform.*

**6:00** Marcellus M. Caldas\*, Dept. of Geography - Michigan State U.; Cynthia S. Simmons, Dr., Dept. of Geography - MSU; Robert T. Walker, Professor, Dept. of Geography - MSU; Stephen Perz, Dr., Det. of Sociology - UF; Steve Aldrich, Mr., Dept. of Geography - MSU; Eugenio Arima, Dr., Dept. of Geography, *Settlement Formation and Land Use and Land Cover Change: a case study in the Brazilian Amazon.*

**3631. Treaty Rights and Environmental Justice in Northern Wisconsin (Sponsored by Indigenous Peoples Specialty Group)**

*Room:* Parlor D (Panel Session)

ORGANIZER(S): Zoltan Grossman, Evergreen State College

CHAIR(S): Zoltan Grossman, Evergreen State College

Introducer: Zoltan Grossman

Panelists: Fred Ackley, Midwest Treaty Network; Fran Van Zile, Midwest Treaty Network; Zoltan Grossman, Evergreen State College

- 3632. Author meets Critics: Katherine McKittrick, *Demonic Grounds: Black Women and the Cartographies of Struggle***  
*Room: Parlor E* (Panel Session)  
 ORGANIZER(S): Susan Ruddick, U. of Toronto  
 CHAIR(S): Susan Ruddick, U. of Toronto  
 Panelists: Audrey L. Kobayashi, Queen's U.; Col. Minelle Mahtani; Clyde Woods; Dr. Danielle Trotz; Katherine McKittrick
- 3634. The Politics of Participatory GIS - II (Sponsored by Political Geography Specialty Group, Geographic Information Science and Systems Specialty Group)**  
*Room: Parlor G* (Panel Session)  
 ORGANIZER(S): Kevin Ramsey, U. of Washington; Timothy L. Nyerges, U. of Washington  
 CHAIR(S): Matthew W. Wilson, U. of Washington  
 Panelists: Sarah Elwood, U. of Arizona; Rina Ghose, U. of Wisconsin Milwaukee; Meghan Cope, SUNY-Buffalo; Kevin Ramsey, U. of Washington; Keiron Bailey
- 3635. Neoliberalism, Nature, and Governance 1 (Sponsored by Cultural and Political Ecology Specialty Group)**  
*Room: Parlor H* (Panel Session)  
 ORGANIZER(S): Scott Prudham, U. of Toronto; James P. McCarthy, Pennsylvania State University  
 CHAIR(S): Scott Prudham, U. of Toronto  
 Introducer: Scott Prudham  
 Panelists: Scott Prudham, U. of Toronto; James P. McCarthy, Pennsylvania State University; Becky Mansfield, Ohio State U.; Jessica Budds, U. of Oxford; Julie Guthman, Univ of California Santa Cruz; Nik Heynen, U. of Wisconsin at Milwaukee; Paul Robbins, U. of Arizona; Noel Castree; Erik Swyngedouw; Morgan M. Robertson, US Environmental Protection Agency
- 3637. Social (re)production and household III: Household from a global perspective (Sponsored by Economic Geography Specialty Group, Geographic Perspectives on Women Specialty Group, Socialist and Critical Geography Specialty Group)**  
*Room: Dearborn 1* (Paper Session)  
 ORGANIZER(S): Dr. Helen C. Jarvis, U. of Newcastle Upon Tyne; Marianna Pavlovskaya, Hunter College  
 CHAIR(S): Jennifer L. Mandel, U. of Miami  
**5:00** Marianna Pavlovskaya\*, Hunter College, *Flexible households in a non-flexible economy.*  
**5:20** Helen C. Jarvis, Dr.\*, U. of Newcastle Upon Tyne, *School Choice and Chaperone Strategies: Local Dilemmas in Global Context.*  
**5:40** Beth Mitchneck\*, U. of Arizona, *Household Livelihood Strategies in Post-Conflict Georgia: Territorial, Social, and Economic Displacement.*  
**6:00** Sarah F. Trainor, Ph.D.\*, U. of Alaska - Fairbanks; F. Stuart Chapin III., Ph.D., University of Alaska, Fairbanks, *Cross-Scale Linkages, Resilience and the Multiple Economies of Rural Interior Alaska.*  
 Discussant(s): Geraldine J. Pratt, U. of British Columbia

**3638. Mountain Tourism - Diversity, Complexity and Change (Sponsored by Recreation, Tourism, and Sport Specialty Group, Mountain Geography Specialty Group)**

*Room:* Dearborn 2 (Paper Session)

ORGANIZER(S): Sanjay K Nepal, Texas A&M U.

CHAIR(S): Rudi Hartmann, U. of Colorado

**5:00** Medani Bhandari, Steven R Brechin\*, *Impact of Off-Road Driving on Soil and Vegetation Biomass, A Case Study of Masai Mara National Reserve, Noarok, Kenya.*

**5:20** Irena Mrak\*, U. of Ljubljana, Department of Geography; Garth Willis, U. of Minnesota, *The Environmental and Cultural Impacts of Mountain Tourism in Central Asia.*

**5:40** Keith Bosak\*, U. of Georgia, *"Adventure Tourism and Economic Crisis: Aconcagua Provincial Park, Argentina."*

**6:00** Sanjay K Nepal, Dr. \*, Texas A&M U., *Tourism and mountain settlements in the Annapurna region of Nepal: Toward a normative classification of tourism-induced rural settlements.*

Discussant(s): Rudi Hartmann, U. of Colorado

**3639. Dick Peet and the making of Radical Geography III: Radical teaching and political activism (Sponsored by Socialist and Critical Geography Specialty Group)**

*Room:* Dearborn 3 (Panel Session)

ORGANIZER(S): Mazen Labban, U. of Miami; Ipsita Chatterjee, Clark U.

CHAIR(S): Waquar Ahmed, Clark U.

Panelists: Allan R. Pred, U. of California, Berkeley; David Sauri, Universitat Autònoma de Barcelona; Edward Soja, UCLA; Richard Peet, Clark U.; Myrna Breitbart, Hampshire College

**3641. Pedagogy in the Undergraduate Geography Classroom**

*Room:* Clark 1 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Gregory Haddock, Northwest Missouri State U.

**5:00** Anne Parker\*, Naropa U., *Contemplative Approaches to Geographic Education.*

**5:20** James Knotwell, Dr. \*, Wayne State College; Denise K. Knotwell, *The Educational Value of Infusing Reflection for Effectiveness Development into the Geography Classroom.*

**5:40** David W. Kelley\*, U. of St. Thomas, *Coupling GIS with Problem-Based Learning to enhance undergraduate education.*

**6:00** Michelle Calvarese\*, California State U., Fresno, *Assessing Map Location Knowledge of World Geography Students.*

**6:20** Gregory Haddock\*, Northwest Missouri State U.; Theodore L Goudge, Northwest Missouri State U., *Enhanced learning through web-based proficiency quizzes.*



**3643. Immigrants and Transnational Experiences in North American Cities (III)  
(Sponsored by Population Specialty Group, Urban Geography Specialty Group,  
Ethnic Geography Specialty Group)**

*Room:* Clark 3 (Paper Session)

ORGANIZER(S): Carlos Teixeira, U. of British Columbia Okanagan; Wei Li, Arizona State U.

CHAIR(S): Stavros T. Constantinou, Ohio State U.

**5:00** Susan Lucas\*, Edinboro U. of Pennsylvania; Susan Lucas, Ph.D., Edinboro U. of Pennsylvania, *Where is 'Home'? Here and There: Identification of 'Home' among Canadians living in the United States.*

**5:15** Nik Theodore, PhD, U. of Illinois at Chicago; Nina Martin\*, U. of Illinois at Chicago, *Transnationalism, Migrant Civil Society and Contentious Politics in Chicago.*

**5:30** Karen Katri\*, U. of Miami, *A Study of Brazilian Transnationals in South Florida.*

**5:45** Monika Stodolska\*, U. of Illinois at Urbana-Champaign, *Temporal changes in transnational activities among Mexican migrants throughout their migration careers.*

**6:00** Stavros T. Constantinou\*, Ohio State U., *Residential Shifts in Greek Population of Akron, Ohio..*

**3645. The Politics of Public Washrooms Panel Discussion - Queering Bathrooms: Bodies, Genders, Desires and the Politics of Access (Sponsored by Geographic Perspectives on Women Specialty Group, Sexuality and Space Specialty Group)**

*Room:* Clark 5 (Panel Session)

ORGANIZER(S): Meredith Pilling, Brock U.; Deborah Cowen, York U.

CHAIR(S): Dr. Sheila Cavanagh, York U.

Discussant(s): Dr. Sheila Cavanagh, York U.

Panelists: Dr. Sheila Cavanagh, York U.; Diana Gibaldi, York U.; Ms. Habiba Nosheen; Erin Bentley

**3646. Re-making 'the Urban', Re-conceptualizing Urban Politics IV: Democracy, Citizenship, and Identity in the Urban Arena**

*Room:* Clark 7 (Paper Session)

ORGANIZER(S): Gordon MacLeod, U. of Durham; Joe Painter, U. of Durham

CHAIR(S): Joe Painter, U. of Durham

**5:00** Daniel Trudeau\*, U. of Colorado; Lynn Staeheli, Professor, U. of Colorado; Manoela Borges, PhD, *Regulating - and Contesting ? Urban Citizenship.*

**5:20** Liette Gilbert\*, Faculty of Environmental Studies, York U., *Popular Images and Political Debates of Immigration and Multiculturalism.*

**5:40** Christine Olivia Atha\*, Central Saint Martins College of Art and Design, *Design as democracy: The function of design within government policy and in the construction of a good taste society..*

**6:00** Jane Wills\*, Queen Mary, U. of London, *Remaking political identities in the city of London.*

**6:20** Mark Tewdwr-Jones\*, U. College London; Ben Clifford, King's College London, *Complexity and Interdependence in Blair's Urban Governance.*

**3648. The GIS Community: Ethics and Organization**

Room: Clark 9 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Nancy J. Obermeyer, Indiana State Univ

5:00 Ningchuan Xiao\*, The Ohio State U., *Why do we reinvent the wheel? Some thoughts on tool development for spatial analysis.*5:20 Linna Li\*, *Web Based Synchronous Geocollaboration.*5:40 Lorraine Craig\*, Royal Geographical Society (with IBG), *An identity for geographers: a worldwide professional accreditation scheme, CGeog.*6:00 Will J. Craig\*, U. of Minnesota, *Ethics for GIS Professionals.*6:20 Nancy J. Obermeyer\*, Indiana State Univ, *GIS Professionals, Self Awareness, Social Ideal, and Ethics.***3649. Engaging critical spaces for sustainability: 3 (Sponsored by Economic Geography Specialty Group)**

Room: Clark 10 (Paper Session)

ORGANIZER(S): Dr. James Evans, U. of Birmingham; Terry Marsden, Cardiff U. School of CIT

CHAIR(S): Rob Krueger, Worcester Polytechnic Institute

5:00 Alette Frank\*, UBC, *Bridging Technology and Behavior: Can North America's Most Innovative and High-Performance Building Be a Model of Sustainability for the Global Scale?.*5:20 Susan Moore\*, London School of Economics, *Sustainable Construction 'best practice' formation and management at the policy-practice interface.*5:40 Mook Han Kim\*, Rutgers U., *Engineered Sustainability? Rethinking Battery Park City (BPC) in New York.***3650. Conservation and social justice: An examination of linkages (Sponsored by Socialist and Critical Geography Specialty Group, Cultural and Political Ecology Specialty Group, Energy and Environment Specialty Group)**

Room: LaSalle 1 (Paper Session)

ORGANIZER(S): William Smith, Jr, U. of Nevada Las Vegas

CHAIR(S): Salvatore Engel-DiMauro, UW Stevens Point

5:00 William J Smith, Jr., Ph.D.\*, UNLV, Department of Environmental Studies, *Linkages between water conservation and social justice.*5:20 Marcos J. Luna, Assistant Professor\*, Salem State College, *A Call for a 'Fair Share' Principle as a fundamental aspect of Environmental Justice: The Cape Wind Project and Nantucket Sound.*5:40 Noah J Toly, Research Associate\*, Center for Energy and Environmental Policy, U. of Delaware, *Exploring Social Implications of Emerging Biodiversity Conservation Mechanisms.*6:00 Michelle Schenck\*, U. of Wisconsin-Madison, *Urbanization, poverty, and wildlife hunting in Gabon: reconsidering distinctions between rural/urban demand and subsistence/commercial hunting.*6:20 Monica V. Ogra\*, U. of Colorado, *Mitigating human-wildlife conflict in protected area borderlands: Gendered perspectives from a village in Uttaranchal, India.*

**3651. Geographies of Media III: Media Spatialities (Sponsored by Cultural Geography Specialty Group, Communication Geography Specialty Group)***Room: LaSalle 2 (Paper Session)*

ORGANIZER(S): James Craine, San Diego State U.; Edward L. Jackiewicz, California State U. - Northridge

CHAIR(S): Christopher Moreno, San Diego State U.

**5:00** James Craine\*, San Diego State U., *Beyond Deleuze: Pierre Levy and Affective Geovisualization.***5:20** Jason Dittmer\*, Georgia Southern U., *Popular Geopolitics, Comic Book Discourse, and the Tyranny of the Serial.***5:40** Harald Bauder\*, U. of Guelph, *The Border As Cube.***6:00** Ken Hillis\*, U. of North Carolina - Chapel Hill, *eBay and an Online Space for the Trace.***6:20** M Marian Mustoe, Ph.D.\*, Eastern Oregon U., *Three Train Wrecks Since Minot, What Is New With The Emergency Alert System.***3652. Storied Spaces: New Research on Narrative Geographies - Session 4: Epistemologies (Sponsored by Cultural Geography Specialty Group)***Room: LaSalle 3 (Paper Session)*

ORGANIZER(S): Dr. Gareth C. Hoskins, U. of Wales, Aberystwy

CHAIR(S): Edward R Carr, U. of South Carolina

**5:00** Rhys Jones\*, U. of Wales Aberystwyth; Mark Whitehead, U. of Wales Aberystwyth, *Storied scales: on the writing of scalar narratives.***5:20** Gareth C. Hoskins, Dr\*, U. of Wales, Aberystwy, *Provoking Place with Stories: Narratives of Immigration, Race and Exclusion..***5:40** Laura Joanne Jones\*, U. of Wales Aberystwyth, *Conspiracy Theory and the Geographical Imagination: Exploring counter-narratives of contemporary society through film.***6:00** Robert M. Vanderbeck\*, U. of Leeds, *City Children in the Country: Narratives of Racialized Childhood and the Reproduction of Whiteness.*

Discussant(s): J Nicholas Entrikin, U. of California

**3654. Geographies of Contemporary Art***Room: LaSalle 5 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Elizabeth Currid

**5:00** Holly McLaren\*, Queen Mary, U. of London, *Curating contemporary art: a creative research performance?.***5:20** Edward L Kinman, Ph.D.\*, Longwood U., *Creating Works of Art With Maps: A Collaborative Exploration of a Geographer and Artist.***5:40** Elizabeth Currid\*, Columbia U., *The Geography of Creativity.***3656. Housing and Race in American Cities, II: Wealth, Mortgage Finance, and Homeownership (Sponsored by Urban Geography Specialty Group)***Room: Sandburg 2 (Paper Session)*

ORGANIZER(S): James DeFilippis, Baruch College

CHAIR(S): Jeff Crump, U. of Minnesota

**5:00** Jeff Crump\*, U. of Minnesota; Tyler McKay, U. of Minnesota, *Dreaming the American Dream: Narratives of Homeownership and Debt.*

- 5:20 Hazel A. Morrow-Jones, PhD\*, Ohio State U.; Donald R. Haurin, PhD, The Ohio State U., *Black and White Financial Literacy and the Probability of Homeownership*.
- 5:40 Michela M Zonta, Ph.D.\*, Virginia Commonwealth U., *The Lending Patterns of Ethnic Banks: Loan Approvals by Asian Banks to Asian Mortgage Loan Applicants in Ten U.S. Metropolitan Areas*.
- 6:00 Jonathan Glick\*, U. of Washington, *Gentrification, race, and the reproduction of household wealth in Seattle*.

**3657. Political Ecologies of Urban Waterfront Transformations II (Sponsored by Cultural and Political Ecology Specialty Group, Urban Geography Specialty Group)**

Room: Sandburg 3 (Paper Session)

ORGANIZER(S): Susannah Bunce, York U.; Gene L. Desfor, York U.

CHAIR(S): Susannah Bunce, York U.

Introducer: Gene L. Desfor

- 5:05 David Dodman\*, Department of Geography and Geology, U. of the West Indies, Mona, *Post-Independence Optimism and the Legacy of Waterfront Redevelopment in Kingston, Jamaica*.
- 5:20 Chris Hagerman\*, U. of Minnesota, *Shaping neighborhoods and ecologies: the redevelopment of Portland's waterfront*.
- 5:35 John Jorgensen\*, Nordregio, Stockholm and Department for Urban and Landscape Studies, Copenhagen, *How green is the blue plan? The political ecology of Copenhagen's recent waterfront development*.
- 5:50 Jennefer Laidley, PhD Candidate\*, Environmental Studies, York U., *Constructing a Foundation for Change: The Ecosystem Approach and the Global Imperative on Toronto's Central Waterfront*.
- 6:05 Sarah E.L. Wakefield\*, U. of Toronto, *Building the Harbour Waterfront Trail in Hamilton, Ontario: Re-imagining an industrial city in a post-industrial era*.
- Discussant(s): Dr. Mike Raco

**3658. Hydrologic modeling of watershed land use/cover change (Sponsored by Spatial Analysis and Modeling Specialty Group, Geomorphology Specialty Group, Water Resources Specialty Group)**

Room: Sandburg 4 (Paper Session)

ORGANIZER(S): Shixiong Hu, Dept. of Geography, East Stroudsburg U. of PA;

Chansheng He, Western Michigan U.

CHAIR(S): Chansheng He, Western Michigan U.

- 5:00 Chansheng He, Professor\*, Western Michigan U.; Thomas E Croley II, NOAA Great Lakes Environmental Research Laboratory, *Modeling Dynamics of Nonpoint Source Pollution Loadings in the Saginaw Bay Watersheds by DLBRM*.
- 5:20 Yong Q Tian\*, U. of Massachusetts - Boston; Ji-Young Kim, aEnvironmental Chemical Corporation, Otis ANGB, MA, *Up-scaling the hydrological processes in grazing hill lands using Cellular Automata*.
- 5:40 Tao Tang, Associate Professor\*, Buffalo State College (SUNY College at Buffalo), *Coupling land use/land cover in a GIS distributed watershed model*.

- 6:00 Shixiong Hu\*, Dept. of Geography, East Stroudsburg U. of PA; Jeffrey W. Hardy, Department of Geography, East Stroudsburg U. of PA, *Modeling Hydrological and Geomorphic Processes in Paradise Creek Watershed, PA.*
- 6:20 T Edwin Chow\*, U. of Michigan - Flint, *Scale Dependence of Rainfall-Runoff Model.*

**3659. Human and Regional Geography (Sponsored by Historical Geography Specialty Group, Cultural Geography Specialty Group)**

Room: Sandburg 5 (Paper Session)

- ORGANIZER(S): Douglas A. Hurt, U. of Central Oklahoma; Matthew Engel, U. of Nebraska
- CHAIR(S): Matthew Engel, U. of Nebraska
- 5:00 Melvin Arthur Johnson\*, U. of Nebraska-Lincoln, *Changes to the economic landscape in west-central Missouri.*
- 5:20 Ezra Zeitler\*, U. of Nebraska-Lincoln, *"You don't want a nickname like the Squirrels or something": Native American Athletic Team Names in American High Schools.*
- 5:40 Douglas A. Hurt\*, U. of Central Oklahoma, *The Sacred and the Profane at Oklahoma's Washita Battlefield National Historic Site.*
- 6:00 Matthew R. Engel\*, U. of Nebraska, *The Social Impacts of Correctional Facilities on Small Towns in the Midwest.*
- 6:20 Kristopher D. White\*, Kazakhstan Institute of Management, Economics, and Strategic Research, *Regionalism Redux? The Outlook for Regional Integration in Central Asia.*

**3660. Eastern Deciduous Forests (Sponsored by Biogeography Specialty Group)**

Room: Sandburg 6 (Paper Session)

- ORGANIZER(S): Joan M. Welch, West Chester U.
- CHAIR(S): Joan M. Welch, West Chester U.
- 5:00 Janet I. Halpin\*, Chicago State U., *Eastern Deciduous Forests of North America from the Travel Diaries of André Michaux.*
- 5:20 Michael T McGeehin\*, West Chester U., *Physiographic Analysis of the Witness Tree Distribution in the Presettlement Forest of Southcentral Pennsylvania (Dauphin County).*
- 5:40 Joshua A Kincaid\*, U. of Georgia, *The composition and regeneration of eastern hemlock forests in the southern Appalachian Mountains.*
- 6:00 Thomas Saladyga, West Chester U.; Joan M. Welch, Ph.D.\*, West Chester U., *Forests Lost: Invasive Vegetation and Implications for Native Habitat Restoration.*
- 6:20 Susan W. Beatty\*, U. of Colorado, *Decades of change in deciduous forest understory: dynamics of exotics and natives.*

**3661. Analyzing the Urban Landscape Using Remote Sensing Techniques***Room: Sandburg 7 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Jonghoon Lee

**5:00** Annemarie Schneider, PhD\*, Univesity of California, Santa Barbara, Department of Geography and Institute for Computational Earth System Science; Curtis E. Woodcock, PhD, Boston U., Department of Geography and Center for Remote Sensing, *Compact, dispersed, fragmented, extensive? A comparison of urban growth in 25 global cities using remotely sensed data.*

**5:20** Keshav Bhattarai\*, Central Missouri State U.; Dennis Conway, Indiana U., Indiana, Bloomington, IN 47405, *Urban Changes in the Kathmandu Valley of Nepal from 1964-2003.*

**5:40** David Andrew Aldred\*, U. of Western Ontario; Jinfei Wang, Dr., U. of Western Ontario, *Urban rooftop extraction from high resolution multispectral imagery with rule-based object-oriented algorithms.*

**6:00** Guiying Li\*, indiana state university; Qihao Weng, Indiana State U., *Estimating Population Density in Marion County, Indiana Using Landsat ETM+ Imagery.*

**6:20** Jonghoon Lee\*, Department of Geography, State U. of New York at Buffalo Amherst, NY, 14261; Ling Bian, Department of Geography, State U. of New York at Buffalo Amherst, NY, 14261, *Incorporating Relevance Feedback to Improve Urban Objects Retrieval from High-Resolution Images.*

**3662. The Challenges of Emerging and Remerging Infectious Diseases in Africa (Sponsored by Africa Specialty Group, Medical Geography Specialty Group)***Room: Sandburg 8 (Paper Session)*

ORGANIZER(S): Florence Margai, Binghamton U.-SUNY; Dr. Joseph R. Oppong, U. of North Texas

CHAIR(S): Florence Margai, Binghamton U.-SUNY

**5:00** Kristina Monroe Bishop, M.A.\*, Univerisity of Arizona, *Reframing an old question: HIV/AIDS in Political Ecology.*

**5:20** Kobena Hanson\*, West Virginia U., *Rethinking Africa's HIV/AIDS Pandemic Using Knowledge Management (KM) Strategies: Perspectives from Ghana, West Africa.*

**5:40** Florence M. Margai, PhD.\*, Binghamton U.-SUNY, *Geographic Patterns of Use and Efficacy of Alternative Treatment Remedies for Malaria Epidemics In Africa.*

**6:00** Joseph R. Oppong\*, U. of North Texas, *The Political Ecology of Polio Resurgence in Africa.*

**3663. From shatter zones to sink estates and urban projects: understanding and mapping poverty in the 21st century III***Room: Montrose 1 (Paper Session)*

ORGANIZER(S): Graham Smith; Steve D. Millington, Insitute for Culture, Gender and the City - Manchester Metopolitan Universtiy

CHAIR(S): Steve D. Millington, Insitute for Culture, Gender and the City - Manchester Metopolitan Universtiy

**5:00** Guy Baeten\*, U. of Lund, *Scaling Poverty: Neighbourhood Fetishism, The Neglected Survival of The Welfare State, And The Crisis of Critical Geography.*

**5:20** Kenneth Field, BSc PhD F.BCartS\*, Kingston U. London, *Deprivation mapping: comparing local level measurement to national indices.*

Discussant(s): Graham Smith; Steve D. Millington, Insitute for Culture, Gender and the City - Manchester Metopolitan Universtiy

**3664. Making and Moving Indigenous Video in Latin America (Sponsored by Indigenous Peoples Specialty Group, Latin America Specialty Group)**

*Room:* Montrose 2 (Panel Session)

ORGANIZER(S): Laurel Smith, U. of Wisconsin-Milwaukee

CHAIR(S): Gabriela Valdivia, U. of Minnesota

Panelists: Alex Halkin, Chipas Media Project / Promedios De Comunicación Comunitaria

**3665. Arctic Glaciers and Sea Ice**

*Room:* Montrose 3 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mary D. Lemcke, U. of Delaware

**5:00** Jason E. Box\*, Ohio State U.; David H Bromwich, Ohio State U.; Lawrence C Smith, U. of Californai Los Angeles; David G Long, Brigham Young U.; LeSheng Bai, Byrd Polar Research Center, *Spatial analysis of Greenland surface mass balance variability.*

**5:20** Christopher Warren Helm\*, U. of Colorado, Boulder; Bruce H. Raup, U. of Colorado, Boulder; Siri Jodha Singh Khalsa, U. of Colorado, Boulder; Richard Armstrong, U. of Colorado, Boulder, *An Open-Source Web Interface for Accessing the GLIMS Glacier Database.*

**5:40** Joel C Plummer\*, Dept of Geography & CReSIS, U. of Kansas; David Braaten, Dept of Geography & CReSIS, U. of Kansas; Sivaprasad Gogineni, CReSIS, U. of Kansas, *An improved sub-glacial surface elevation model for Jakobshavn Isbrae, Greenland.*

**6:00** Tianna A Bogart\*, U. of Delaware; David R Legates, U. of Delaware; Daqing Yang, U. of Alaska, Fairbanks; Steven Quiring, Texas A&M U.; Kathy Freeman, U. of Delaware, *Sensitivity and Spatial Variability of Arctic Precipitation Bias Adjustments.*

**6:20** Mary D. Lemcke\*, U. of Delaware, *Validating a simulated Antarctic sea-ice thickness distribution.*

**3669. Transportation GIS: Urban Traffic Safety, Transit, and Land Use (Sponsored by Geographic Information Science and Systems Specialty Group, Transportation Geography Specialty Group)**

*Room:* Montrose 7 (Paper Session)

ORGANIZER(S): Dr. Jean-Claude Thill, U. at Buffalo; Irene Casas, SUNY at Buffalo

CHAIR(S): Dr. Jean-Claude Thill, U. at Buffalo

**5:00** Hoe Hun Ha\*, SUNY - Buffalo; Jean-Claude Thill, SUNY- Buffalo, *Geographical Analysis of Pedestrian Accidents in Buffalo, NY using GIS applications.*

**5:20** Elizabeth Cahill\*, SUNY Buffalo; Jean-Claude Thill, SUNY Buffalo, *GIS- Based Bicycle Accident Analysis: Buffalo, NY.*

**5:40** Michael J Shiffer, Ph.D. \*, Chicago Transit Authority / U. of Illinois, *Spatial Multimedia and Transit Planning: Moving Bits to Move People.*

6:00 Jiuxu Cui\*, CUNY - Graduate Center; Jeffrey Osleeb, Dr., Department of Geography, U. of Connecticut, *Regional Implications of Transit Stations to the Residential Rental Market: A Comparison between Washington, DC and Atlanta, GA.*

**3670. Politics of Participation 5: Communities and Conservation (Sponsored by Cultural and Political Ecology Specialty Group, Qualitative Research Specialty Group, Rural Geography Specialty Group)**

Room: Burnham 1 (Paper Session)

ORGANIZER(S): Carl Wilmsen, Univ of California- Berkeley; Marla Emery, USDA Forest Service

CHAIR(S): Carl Wilmsen, Univ of California- Berkeley

5:00 David Correia, Ph.D. Candidate\*, U. of Kentucky, *Participatory Ecological Research in Northern New Mexico: Context and Complications.*

5:20 SHREE BHAGWAN ROY\*; Raktima Mukherjee, *Reflection on Participatory Research in Joint Forest Management in India.*

5:40 Marla R. Emery, Ph.D.\*, USDA Forest Service; Suzanne Martin, Ph.D., U.K. Forest Research; Alison Dyke, Independent Scholar, *Nontimber Forest Products in Scotland: Challenges for Community Forestry and Participatory Research.*

6:00 Susannah R. McCandless\*, Clark U.; Deborah Brighton, Vermont Family Forests, *Vermont Family Forests, Part of home, space to roam: landowner participation and stewardship at the edge of the Northern Forest.*

Discussant(s): Dianne E. Rocheleau, Clark U.

**3671. Post-socialism V: Emerging urban geographies (Sponsored by Russian, Central Eurasian, and East European Specialty Group, Urban Geography Specialty Group)**

Room: Burnham 2 (Paper Session)

ORGANIZER(S): Marianna Pavlovskaya, Hunter College

CHAIR(S): Dr. John Round, U. of Leicester

5:00 Melanie Feakins, PhD\*, U. of South Carolina, *Spectacle St Petersburg: The Morphology of New Subterranean Spaces.*

5:20 Robert Argenbright\*, U. of North Carolina, Wilmington, *Place-Based Opposition to the Redevelopment of Moscow.*

5:40 Michael P Gentile\*, Stockholm School of Economics; Örjan Sjöberg, Stockholm School of Economics, *Disentangling the Historical Geography of the Post-socialist City: The Landscape of Priority of Daugavpils, Latvia.*

6:00 Christian Yeomans\*, U. of Wales, Aberystwyth, *Rethinking Difference: The Practise of Governance in Post-Socialist Berlin.*

Discussant(s): Adrian Smith, Queen Mary U. of London



**3673. Economic Geography: Labor Markets**

Room: Burnham 4 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Ms. Laura James

**5:00** Martin Korpi\*, Dept. of Social and Economic Geography, Uppsala U., Sweden,  
*Does Size of Local Labour Markets Affect Wage Income Inequality? - A Rank-  
Size Rule of Income Distribution.*

**5:20** Nick Velluzzi\*, U. of Washington, *Workforce Intermediaries as Labor Market  
Innovators: Strategies for Job-based Economic Development.*

**5:40** Laura James\*, U. of Oxford, *United by gender or divided by class? Work orienta-  
tion among working- and middle-class women..*

**3674. Asia: Environment, Development, Change**

Room: Burnham 5 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Dan Wei

**5:00** Laurent Frideres\*, U. of Cambridge, *The Role of GIS in the Humanitarian Response  
to the Indian Ocean Tsunami in Sumatra.*

**5:20** David N. Zurick\*, Eastern Kentucky U., *Gross National Happiness and the Natural  
Environment in Bhutan.*

**5:40** Sya Buryan, Master's Student\*, U. of Kentucky, *From Method to Movement: A  
Chipko Story.*

**6:00** Curtis N. Thomson\*, Croft Institute for International Studies, *Environment and  
Development in Laos.*

**6:20** Dan Wei\*, Penn State U., *Energy Conservation: an Urgent Sustainable Develop-  
ment Strategy in China.*

**THURSDAY, MARCH 9**

**7:00 PM - 8:30 PM**  
**8:30 PM - 10:00 PM**

**7:00 p.m. – 8:30 p.m.**

**AAG Banquet**

*Room: Red Lacquer Room*

Presidential Achievement Awards will be presented to Wilbur Zelinsky and Trevor J. Barnes.

**8:30 p.m. – 10:00 p.m.**

**Past President's Address: Geographies of Care and Responsibility**

*Room: Red Lacquer Room*

**Victoria A. Lawson** will deliver a Past President's Address on "**Geographies of Care and Responsibility**" following the AAG Annual Meeting Banquet. Introduction by Richard A. Marston, AAG President.

Doors are open to all members at 8:30 p.m. for this address. We invite you to join us and enjoy the event with your colleagues, friends, and family. You may reserve a full banquet table for your department, AAG Specialty Group, students, or friends.

Individual tickets are \$65 and tickets for a table (seats ten) are \$630. Tickets can be purchased at the AAG Registration Desk. The Past President's Address at the conclusion of the banquet (at 8:30 p.m.) is open to all attendees at no charge.

**FRIDAY**

**8:00 a.m. – 9:40 a.m.****4101. Faith based organizations and human geography I***Room:* Salon 1 (Paper Session)

ORGANIZER(S): Dr. Justin Beaumont, U. of Groningen

CHAIR(S): Dr. Justin Beaumont, U. of Groningen

**8:00** Justin Beaumont\*, U. of Groningen, *Exploring Faith Action On Urban Problems From A Human Geographical Perspective.***8:20** Paul Cloke\*, U. of Bristol; Jon May, Queen Mary, U. of London; Sarah Johnsen, University of York, *Faith in services for the urban homeless.***8:40** Lina Jamoul\*, *The Art of Politics: The context, potential and limitations of broad-based organising in Britain.*

Discussant(s): Yvette Pye, U. of Minnesota; David F. Ley, U. of British Columbia

**4102. Hurricanes I: Climatology and Historical Records (Sponsored by Climate Specialty Group)***Room:* Salon 2 (Paper Session)

ORGANIZER(S): Kam-Biu Liu, Louisiana State U.

CHAIR(S): Kam-Biu Liu, Louisiana State U.

**8:00** Jay S. Hobgood\*, Ohio State U., *A Record Atlantic Hurricane Season.***8:20** Robert E. Davis\*, U. of Virginia; Paul C. Knappenberger, New Hope Environmental Services; Patrick J. Michaels, U. of Virginia, *Trends in Hurricane Intensity and Linkages to North Atlantic Sea-Surface Temperatures.***8:40** Cary J. Mock\*, U. of South Carolina; Shelley O. Holmberg, U. of South Carolina; David A. Glenn, U. of South Carolina; Stephanie F. Dodds, U. of South Carolina; James R. Tanis, U. of South Carolina, *Historical Hurricane Records of the Southeastern Atlantic Coast.***9:00** Stephanie Fowler Dodds\*, U. of South Carolina; Cary J. Mock, U. of South Carolina, *Landfall reconstructions and impacts of hurricanes in southeast Louisiana from 1852-1860.***9:20** David A. Glenn\*, U. of South Carolina; Shelley O. Holmberg, U. of South Carolina; James R. Tanis, U. of South Carolina, *A Reconstruction of the 1837 Atlantic Hurricane Season.***4104. Being and Becoming a Public Scholar***Room:* Salon 4 (Panel Session)

ORGANIZER(S): Katharyne Mitchell

CHAIR(S): Katharyne Mitchell

Introducer: Katharyne Mitchell

Panelists: Don Mitchell, Syracuse U.; Victoria A. Lawson, U. of Washington; David Correia, U. of Kentucky; Mona Atia, U. of Washington; Noel Castree

**4105. Economic Geography: U.S. Regional Structures***Room:* Salon 5 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Breandan O HUallacháin, Arizona State U.

**8:00** Der-Shiuan Lee\*, *The U.S. Science Parks And Their Effects on Regional Inventiveness.*

- 8:20** Ke Chen\*, U. of Cincinnati; Rainer von Hofe, U. of Cincinnati, *Importance of space in industrial cluster analysis - case of Chicago.*
- 8:40** Richard G. Funderburg\*, The U. of Iowa; Alan H. Peters, The U. of Iowa, *Geographic Mobility and Spatial Mismatch: Evaluating Federal Empowerment Zones.*
- 9:00** Andrew James Wenzl\*, U. of Washington, *Examining success factors in rural economic change: 1970-2000: The contributions of migration, income, and the increasingly varied rural economic landscape.*
- 9:20** Brendan O hUallacháin\*, Arizona State U., *Regional Growth Transition Clubs.*

**4106. Disease Vectors I: Hemorrhagic, Hantavirus, Lyme, and Diffusion**

*Room:* Salon 6 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Bo Xu, U. of Georgia

- 8:00** Zengwang Xu\*, Department of Geography, Texas A&M U.; Daniel Z Sui, Department of Geography, Texas A&M U., *The effect of the network structure on epidemic diffusion.*
- 8:20** David E Koch\*, Kansas State U.; Doug Goodin, Kansas State U.; Shawn Hutchinson, Kansas State U., *Hantavirus transmission model testing using cellular automata-like systems and GIS.*
- 8:40** Jessica Gaffney\*, Southern Illinois U. Carbondale; Tonny Oyana, Ph.D, Southern Illinois U. Carbondale, *Tracking Lyme disease: A Hybrid Approach to Assess Potential Locations of Risk in Southern Illinois.*
- 9:00** Bo Xu\*, U. of Georgia; Lynn E Usery, University of Georgia, *Spatial-temporal analysis of hemorrhagic disease in white-tailed deer in southeastern United States.*

**4108. European Migration: Origins and Destinations**

*Room:* Salon 8 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Yvonne Riano, Department of Geography, U. of Bern, Switzerland

- 8:00** Kazimierz J. Zaniewski\*, U. of Wisconsin, *Depopulation of Europe: A Geographic Perspective.*
- 8:20** Renata Bertotti\*, *When Brain Cannot Drain: The case study of Banja Luka, Bosnia and Herzegovina.*
- 8:40** Alexandria Rovatsos\*, Marshall U., *Scotland: The New Melting Pot? .*
- 9:00** Linda S. Fair, PhD Candidate\*, Rutgers the State U. of New Jersey, *Mandated Dispersal of Refugees in Denmark: Is Accelerated Spatial Assimilation Possible?.*
- 9:20** Yvonne Riano\*, Department of Geography, U. of Bern, Switzerland, *Constructing and Reconstructing Gender in the Process of Migration: Latin American Women on the Move to Europe.*

\*\*\* Continued into next slot, 4506

**4109. Community Protection from Hazards Loss***Room: Salon 9 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Michael J. Medler, Western Washington U.

**8:00** Angel Cardec\*, U. of Central Florida, *Perceptions of Flooding in Panama City, Panama.***8:20** Pamela Anderson\*, South Dakota State U., *Causes for Changes in Development Patterns in Flood Plains After a Major Flood Event.***8:40** Xueqin (Elaine) He\*, Texas State U. - San Marcos, *A Decade of Floodplain Development within Metropolitan Austin, Texas.***9:00** Joseph J. Gallagher, Dr.\*, County Donegal Heritage Office, Donegal County Council, County House, Lifford, County Donegal, Ireland, *Federal, state and local government decision-making underlying floodplain acquisition and relocation of Valmeyer, Illinois.***9:20** Michael J. Medler\*, Western Washington U., *Protecting Communities from Wildfire; Should We Fight Wildfire Over There, So We Don't Need To Fight It Here?.***4111. Dendrochronology VI: Tropical Dendrochronology I (Sponsored by Climate Specialty Group, Biogeography Specialty Group)***Room: Salon 11 (Paper Session)*

ORGANIZER(S): Dr. Valerie Trouet, Pennsylvania State U.; Matthew Therrell, U. of Virginia

CHAIR(S): Dr. Valerie Trouet, Pennsylvania State U.

**8:00** Kevin John Anchukaitis\*, U. of Arizona; Michael N Evans, The U. of Arizona; Nathaniel T Wheelwright, Bowdoin College; Daniel P Schrag, Harvard U., *Calibrating annual isotope chronologies in *Ocotea tenera* (Lauraceae) from the Monteverde Cloud Forest, Costa Rica.***8:20** Peter C. Hartsough\*, U. of Nevada, Reno; Franco Biondi, U. of Nevada, Reno; Simon Poulson, U. of Nevada, Reno, *High elevation monitoring in a tropical treeline environment.***8:40** John Sakulich\*, Lamont-Doherty Earth Observatory; Ashley Curtis, Lamont-Doherty Earth Observatory; Rosanne D'Arrigo, Lamont-Doherty Earth Observatory; Jonathan Palmer; Rob Wilson, U. of Edinburgh; Paul Krusic, Lamont-Doherty Earth Observatory; Satria Bijaksana, Institut Teknologi Bandung; La Ode Ngkoimani, Institut Teknologi Bandung; Siti Zulaikah, Institut Teknologi Bandung, *Javan Teak Tree-Ring Chronologies: Indices of the ENSO-Asian Monsoon System.***9:00** Esther Fichtler\*, Institute for Agronomy in the Tropics, U. of Goettingen, *The variability of inter- and intraannual wood structure of tropical tree rings.***4112. Heritage Tourism and Recreation Development in the U.S.***Room: Salon 12 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Mirela I. Newman, Westfield State College

**8:00** Mary E. Cawley\*, National U. of Ireland, Galway, *Tourism and the disruption of 'dwelling' and sense of place: evidence from Ireland.***8:20** Perry L. Carter\*, Texas Tech U., *Pigmented Holidays: Racial Differences in Vacation Travel Behavior.*

**8:40** Sandor Gulyas\*, Louisiana State U., *What Is Real Compared to What? Reconstructing Black Business Districts for White Tourists.*

**9:00** Mirela I. Newman, Dr. \*, Westfield State College, Department of Geography & Regional Planning, *"From Railroad to Greenway: The Norwottuck Trail Case Study and its Relevance to Achieving Local and Regional Sustainability"*.

**4113. New Perspectives On Commercial Development**

*Room:* Cresthill Room 11 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Matt Kelley

**8:00** Gareth Rice, Mr\*, non-member student, *Regional Shopping Malls and the fate of downtown retailing? some evidence from the west of Scotland.*

**8:20** Rianne van Melik, MSc\*, Utrecht U.; Jan van Weesep, Professor, Utrecht U., *Private Sector Involvement in Urban Redevelopment.*

**8:40** Mathias J Detamore, MArch, 2005\*, U. of Kentucky, *Readdressing a Thesis on Paradox.*

**9:00** Matt Kelley, ABD\*, Department of Geography, Pennsylvania State U., *(re)Conceiving Assets in a Neglected Philadelphia Neighborhood.*

**4115. Critical Encounters Between Governmentality Studies & Marxian Geography I (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group)**

*Room:* Private Dining Room 4 (Paper Session)

ORGANIZER(S): Reuben Skye Rose-Redwood, Pennsylvania State U.

CHAIR(S): Reuben Skye Rose-Redwood, Pennsylvania State U.

Introducer: Reuben Skye Rose-Redwood

**8:05** Ryan J Carey, Ph.D. \*, Simon's Rock College of Bard, *Privatizing Empire: Cartography, Governmentality, and Corporations in the American West.*

**8:25** Reuben Skye Rose-Redwood, Ph.D Candidate\*, Pennsylvania State U., *Towards a Critical Spatial History of the Geo-Coded World.*

**8:45** Margo Huxley\*, U. of Sheffield, *Overcrowding and how to measure it: and episode in the history of density.*

**9:05** Michael Brown, U. of Washington; Larry Knopp\*, U. of Minnesota-Duluth, *Places or Polygons? Governmentality, Sexuality, and the Census in The Gay and Lesbian Atlas.*

**4116. Space-Time Medical Geography (Sponsored by Medical Geography Specialty Group)**

*Room:* Private Dining Room 5 (Paper Session)

ORGANIZER(S): Geoffrey Jacquez, BioMedware, Inc.

CHAIR(S): Geoffrey Jacquez, BioMedware, Inc.

**8:00** Pierre Goovaerts, chief scientist\*, BioMedware, *Performance comparison of spatial and space-time interpolation techniques for prediction of air pollutant concentrations in the Los Angeles area.*

**8:20** Geoffrey M Jacquez, MS, PhD\*, BioMedware, Inc.; Andrew Kaufmann, MS, BioMedware; Jaymie Meliker, MPH, ABD, The U. of Michigan; Gillian AvRuskin, MS, BioMedware; Katie E Jacquez, BioMedware, *Case-control clustering for residential histories accounting for age, covariates and disease latency.*

**8:40** Jaymie R. Meliker, PhD\*, U. of Michigan/BioMedware, Inc.; Meliissa J Slotnick, U. of Michigan; Gillian A AvRuskin, BioMedware, Inc.; Andrew Kaufmann, BioMedware, Inc.; Stacey A Fedewa, U. of Michigan; Pierre Goovaerts, BioMedware, Inc.; Geoffrey J Jacquez, BioMedware, Inc.; Jerome O Nriagu, U. of Michigan, *Individual Lifetime Exposure to Arsenic Using a Space-Time Information System*.

**9:00** Gerard Rushton, Ph.D.\*, U. of Iowa; Qiang Cai, U. of Iowa, *Age-adjusted Spatial Density Estimates of Changes in Late-Stage Breast Cancer in Iowa, 1990-2002*.

**9:20** Jared Aldstadt, Ph.D., San Diego State U.; Arthur Getis, Ph.D.\*, San Diego State U., *Does Dengue Hemorrhagic Fever Travel in Waves?*.

**4117. Aeolian Geomorphology I (Sponsored by Geomorphology Specialty Group, Coastal and Marine Specialty Group)**

*Room:* Private Dining Room 6 (Paper Session)

ORGANIZER(S): Jean Taylor Ellis, Texas A&M U.; Patrick A. Hesp, Louisiana State U.  
CHAIR(S): Paul A. Gares

**8:00** Douglas J. Sherman, Prof. \*, Texas A&M U., *Error Analytics and Wind Blown Sand*.

**8:20** Jean Taylor Ellis\*, Texas A&M U., *Quantifying Unsteadiness in Aeolian Saltation*.

**8:40** Steven Namikas\*, Louisiana State U.; Yuanda Zhu, Louisiana State U., *Spatial and Temporal Variability in the Surface Moisture Content of a Fine-Grained Beach*.

**9:00** Bernard O. Bauer\*, U. of British Columbia Okanagan; Robin G.D. Davidson-Arnott, U. of Guelph, *Moisture and Temperature Trends on an Active Aeolian Beach Surface*.

**9:20** Patrick A. Hesp, Dr\*, Louisiana State U.; Sergio Dillenburg, Dr, CECO, UFRGS, *Evolution and Dynamics of a Prograded Transgressive Dunefield Barrier in Southern Brazil*.

**4118. Connections, Crossings, Collaborations: Recent Research Efforts in Immigrant and Community Studies (Sponsored by Ethnic Geography Specialty Group)**

*Room:* Private Dining Room 7 (Panel Session)

ORGANIZER(S): Dr. Susan Hardwick, U. of Oregon; Jennifer J. Helzer, California State U.

CHAIR(S): Jennifer J. Helzer, California State U.

Panelists: Wei Li, Arizona State U.; Prof. Ashour Badal; James P. Allen, California State U. - Northridge; Carlos Teixeira, U. of British Columbia Okanagan; Jennifer J. Helzer, California State U.; Dr. Susan Hardwick, U. of Oregon; Ms. Ginger Mansfield, U. of Oregon

**4119. The 2010 Decennial Census Program (Sponsored by Population Specialty Group, Applied Geography Specialty Group, Transportation Geography Specialty Group)**

*Room:* Private Dining Room 8 (Paper Session)

ORGANIZER(S): Nancy K. Torrieri, U.S. Bureau of the Census

CHAIR(S): Nancy K. Torrieri, U.S. Bureau of the Census

Introducer: Nancy K. Torrieri

**8:10** Ramala Basu\*, Census Bureau, *2010 Decennial Census Program*.

**8:25** Douglas Hillmer\*, U.S. Census Bureau, *An Overview of Data Products from the American Community Survey*.



**8:40** Phillip Salopek\*, US Census Bureau, *Transportation-Related Data Products from the American Community Survey.*

**8:55** Jane Leslie Garb, MS; Certificate in GIS\*, Baystate Medical Center Health Geographics Program, *Using American Community Survey Data for Disaster Preparedness and Health.*

**9:10** Jeremy Wu\*, U.S. Bureau of the Census, *On The Map - A New Online Mapping Application from the Census Bureau.*

Discussant(s): Nancy K. Torrieri, U.S. Bureau of the Census

**4120. Activism and gentrification research: a roundtable discussion 1 (Sponsored by Economic Geography Specialty Group, Urban Geography Specialty Group, Ethics, Justice, and Human Rights Specialty Group)**

*Room:* Private Dining Room 9 (Paper Session)

ORGANIZER(S): Maureen McLachlan, U. of Wisconsin-Madison

**8:00** Kathe Newman\*, Rutgers U., *Organizing and Advocacy in the Neoliberal City.*

**8:20** Dennis Grammenos\*, Department of Geography & Environmental Studies, Northeastern Illinois U., *A Pound of Flesh in Uptown: Revanchism and Community in a Gentrifying Chicago Neighborhood.*

**8:40** Tom Slater\*, U. of Bristol, *The eviction of critical perspectives from gentrification discourse.*

**9:00** Travis Stein\*, Neighborhood Capital Budget Group, *Mapping Gentrification: The Changes in Our Schools.*

Discussant(s): Jackie Leavy, Neighborhood Capital Budget Group

**4128. Careers in the Community: Bringing Research Skills to Social Change Organizations (Sponsored by Enhancing Departments and Graduate Education project (EDGE))**

*Room:* Parlor A (Panel Session)

ORGANIZER(S): Adam Diamond, Rutgers U.; Adam Pine

CHAIR(S): Adam Diamond, Rutgers U.

Panelists: Jasper Rubin, San Francisco Planning Department; Marva Williams, Woodstock Institute

**4129. The International Geographical Union (IGU)**

*Room:* Parlor B (Panel Session)

ORGANIZER(S): Ronald F. Abler, International Geographical Union

CHAIR(S): Ronald F. Abler, International Geographical Union

**4130. Nature and Resources in Latin America**

*Room:* Parlor C (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Ms. Yamir Gonzalez-Velez, Indiana U.

**8:00** Tara M. Plewa\*, U. of South Carolina, *An Environmental History of the Santa Fe River, New Mexico.*

**8:20** Nancy Lowery\*, San Diego State Univ, *Water, Poverty and Political Activism.*

**8:40** Avrum J. Shriar, Ph.D.\*, Virginia Commonwealth U., *Economic Integration, Land Concentration, and Rural Hardship in Northern Guatemala.*

- 9:00 Jerome E. Dobson, Professor\*, U. of Kansas and American Geographical Society; Peter H. Herlihy, Associate Professor, U. of Kansas, *Mexico's New Land Reform: Bringing GIS to Indigenous People*.
- 9:20 Yimir Gonzalez-Velez\*, Indiana U., *National Landscapes of Northern Mexico*.

**4131. Between Place and Virtual Place (Sponsored by Communication Geography Specialty Group)**

Room: Parlor D (Paper Session)

ORGANIZER(S): Prof. Paul C. Adams, U. of Texas at Austin

CHAIR(S): Michael W. Longan, Valparaiso U.

8:00 Michael W. Longan\*, Valparaiso U., *Representing Northwest Indiana on the Web*.

8:20 Matthew Zook\*, U. of Kentucky, *Your Urgent Assistance is Requested: The Intersection of Imagined Nations and Internet Spam*.

8:40 Leigh Schwartz\*, *Othring in Video Games: Representation of Foreign Cultures in World of Warcraft, Suikoden III, Shenmue, and Grand Theft Auto: San Andreas*.

9:00 Daniel Z. Sui, Professor\*, Texas A&M; Daniel Z. Sui, Professor, Texas A&M U., *Geographical consequences of ubiquitous computing (ubicom)*.

9:20 Ben P Clifford, PhD Student\*, King's College London; Mark Tewdwr-Jones, Professor of Spatial Planning, Univesity College London, *Between Recreated Past and Threatening Future: Representing Urban Planning in Post-War British Media*.

**4132. Geographic Research at USGS I: Remote Sensing**

Room: Parlor E (Paper Session)

ORGANIZER(S): Gerard McMahon, United States Geological Survey; Thomas R. Loveland, United States Geological Survey

CHAIR(S): Ralph J. Thompson, United States Geological Survey

8:00 Ralph J. Thompson, Mr.\*, United States Geological Survey; Thomas M. Holm, Mr., U.S. Geological Survey, *Summary of U.S. Geological Survey Land Remote Sensing Activities and Data Sources*.

8:20 Thomas R. Loveland\*, United States Geological Survey; Michael Coan, USGS/SAIC, *Sampling versus Wall-to-Wall Mapping for Monitoring United States Land Cover Change with Landsat Data*.

8:40 John W. Jones, Ph.D.\*, United States Geological Survey, *Geographic and remote sensing science for greater understanding of Everglades landscape processes*.

9:00 Zhong Lu, U.S. Geological Survey (USGS) Center for Earth Resources Observation and Science; Russell Rykhus\*, SAIC/United States Geological Survey Center for Earth Resources Observation and Science; Oh-Ig Kwoun, U.S. Geological Survey (USGS) Center for Earth Resources Observation and Science, *Interferometric Synthetic Aperture Radar (InSAR) for USGS Hazards Research*.

9:20 Vivian R. Queija\*, United States Geological Survey, *Lidar quantification of urban tree cover for a metric of sustainability*.

**4134. Indigenous Peoples and Protected Areas (Sponsored by Cultural and Political Ecology Specialty Group, Indigenous Peoples Specialty Group, Asian Geography Specialty Group)**

*Room:* Parlor G (Paper Session)

ORGANIZER(S): Stan Stevens, U. of Massachusetts

CHAIR(S): Stan Stevens, U. of Massachusetts

**8:00** Aileen Hoath\*, Curtin U. of Technology, *Internal buffer, rehabilitation zone or traditional use zone? The reinvention and rebuilding of viable human-nature relationships at Meru Betiri National Park in East Java.*

**8:20** Maria Fadiman, Ph.D.\*, Florida Atlantic U., *Natural resource use and change: Nipa hut roof construction with Nypa fruticans (Arecaceae), in Palawan, Philippines.*

**8:40** Sharlene Mollett\*, U. of Toronto, *Esta Listo? Race, Gender and Land Registration in the Honduran Rio Platano Biosphere Reserve.*

**9:00** Brian William Conz, M.S.\*, U. of Massachusetts, *The Contested Terrain of Legitimacy: Communal Forests, Parks, and Pathogens in Highland Guatemala.*

**9:20** Stan Stevens\*, U. of Massachusetts, *Towards a (Post)colonial Protected Area in the Mt. Everest Region of Nepal? .*

**4135. One Foot In I: Geographers Working in Other Disciplines: Interdisciplinary Methodologies and Applications (Sponsored by Geographic Perspectives on Women Specialty Group, Socialist and Critical Geography Specialty Group, Sexuality and Space Specialty Group)**

*Room:* Parlor H (Panel Session)

ORGANIZER(S): Laura Y. Liu, New School U.; Rebecca Dolhinow, California State U. Fullerton

CHAIR(S): Laura Y. Liu, New School U.

Introducer: Rebecca Dolhinow

Panelists: Morgan Windram; Francis Owusu, Iowa State U.; Amy Trauger, Penn State U.; Babette Audant, CUNY Graduate Center; Barbara Bicking, ESRI; Liz Bondi

**4137. Remote Sensing and GIS for Urban Analysis I (Sponsored by Urban Geography Specialty Group, Geographic Information Science and Systems Specialty Group, Remote Sensing Specialty Group)**

*Room:* Dearborn 1 (Paper Session)

ORGANIZER(S): Xiaojun Yang, Florida State U.; Victor Mesev, Florida State U.

CHAIR(S): Douglas A. Stow, San Diego State U.

Introducer: Xiaojun Yang

**8:05** Douglas A. Stow\*, San Diego State U.; Anna C. Lopez, San Diego State U.; John R. Weeks, San Diego State U., *Semi-automated delineation and classification of residential land use types in Accra, Ghana based on Quickbird satellite data.*

**8:25** Victor Mesev\*, Florida State U., *Towards spectral-spatial-temporal urban object identification.*

**8:45** XiaoHang Liu\*, San Francisco State U., *Scale and Image Surrogate Factor in Urban Remote Sensing.*

**9:05** Amy Work\*, Syracuse U., *Remote Sensing and Urban Morphology: Economic Initiatives in Syracuse, New York.*

**4138. New Voices in Rural Geography (Sponsored by Rural Geography Specialty Group)***Room: Dearborn 2 (Paper Session)*

ORGANIZER(S): Peter B. Nelson, Middlebury College

CHAIR(S): Peter B. Nelson, Middlebury College

**8:00** Jessica J. Kelly\*, Rutgers U., *New challenges to communities and decentralized environmental governance in rural El Salvador.***8:20** Ryan E. Galt, Ph.D. Candidate\*, U. of Wisconsin?Madison, *United States Pesticide Residue Regulations and Export Farmers in Costa Rica: Caution, Local Interpretations, and Political Economy.***8:40** Po-Yi Hung\*, U. of Wisconsin - Madison, *Contested Images for Symbolized Tribe: Tourism and Agricultural Transformation in Fataan.***9:00** Chris McMorran\*, U. of Colorado at Boulder, *Leprosy, Rural Investment and New Geographies of Exclusion in Rural Japan.***9:20** Evgenia Prokhorova\*, U. of Joensuu, *FDI in perceptions of employees of foreign-owned enterprise in Russia..***4139. Social (re)production and household (iv): The politics of social reproduction (Sponsored by Economic Geography Specialty Group, Geographic Perspectives on Women Specialty Group, Socialist and Critical Geography Specialty Group)***Room: Dearborn 3 (Paper Session)*

ORGANIZER(S): Dr. Helen C. Jarvis, U. of Newcastle Upon Tyne; Rosie Cox

CHAIR(S): Dr. Helen C. Jarvis, U. of Newcastle Upon Tyne

**8:00** Isabella Bakker\*, York U., *Macroeconomic Policy Rules and Social Reproduction.***8:20** Rosie Cox\*, Birkbeck, U. of London, *Language learning and labours of love: the UK au pair scheme and the intersection of productive and reproductive labour.***8:40** Claire Frew\*, Queen Mary, U. of London, *Direct Payments for Social Care: The management of power and risk..***9:00** Stephen Bates\*, *The Production and Consumption of Biotechnology: The Rigidifying of Inequality and Social Reproduction.***9:20** Brian Marks, M.A. \*, U. of Arizona, *Boats in the family.***4141. Tourism and Development***Room: Clark 1 (Paper Session)*

ORGANIZER(S): Jacqueline Salmond, U. of Kentucky

CHAIR(S): Jacqueline Salmond, U. of Kentucky

**8:00** Peter R. Hoffman\*, Loyola Marymount U., *"They Don't Belong Here:" Hosts and Guests in Los Cabos.***8:20** Mary F Conran, Student\*, U. of Hawaii, Manoa, *Beyond Authenticity: Exploring Intimacy in the Touristic Encounter.***8:40** Jacqueline Salmond\*, U. of Kentucky, *Power Dynamics and Tourism Development: The Redevelopment of Phuket's Beaches.***9:00** Pere A. Salva-Tomas, Dr. \*, U. of Balearic Islands (Spain), *Tourism and Social Change in Balearic Islands (Spain): From the Rural Islands to a Mass Tourism Destination.***9:20** Julie Marie Weinert\*, Southern Illinois U.-Carbondale, *Tourist perceptions of gender relationships in destinations: Ecotourism in Ecuador.*

**4143. Urbanization and Inequality in Post-apartheid South Africa (Sponsored by Africa Specialty Group)***Room: Clark 3 (Paper Session)*

ORGANIZER(S): Dr. Faranak Miraftab, University of Illinois

CHAIR(S): Dr. Faranak Miraftab, University of Illinois

Introducer: Dr. Faranak Miraftab

**8:02** Franco Barchiesi\*, Ohio State U.; Franco Barchiesi, Ohio State U., Dept. of African-American & African Studies, *Commodification, Economic Restructuring, and the Changing Urban Geography of Labor in Post-Apartheid South Africa: The Case of Gauteng Province, 1991-2001.*

**8:17** David A. McDonald\*, Queen's U., *World City Syndrome: Global Aspirations and Neoliberal Contradictions in Cape Town.*

**8:32** Faranak Miraftab\*, University of Illinois; faranak Miraftab, PhD, U. of Illinois, Urbana-Champaign, *Spatiality of Post-apartheid City: City Improvement Districts and Urban (dis)integration in a Neoliberalizing Cape Town*."

**8:47** Melanie Samson\*, York U., *Rescaling the State, Restructuring Social Relations - A Feminist Analysis of Local Government Transformation in Post-Apartheid Johannesburg and its Implications for Waste Management Workers.*

Discussant(s): Cheryl McEwan, U. of Durham

**4145. Relationality and the Space Economy I (Sponsored by Economic Geography Specialty Group)***Room: Clark 5 (Paper Session)*

ORGANIZER(S): Andrew Jones, Birkbeck, U. of London

CHAIR(S): Andrew Jones, Birkbeck, U. of London

**8:00** Felicity Wray\*, U. of Newcastle Upon Tyne, *Rethinking the UK Venture Capital Industry: A Relational Approach.*

**8:20** James Faulconbridge\*, Lancaster U., *'Managing across cultures': the socio-cultural dynamics of relational networks in global law firms..*

**8:40** Sarah J E Hall, Dr\*, Department of Geography, Loughborough U., *Relational geographies of quantitative finance: American MBA programmes and investment banking in London's financial district..*

**9:00** Niall C. Majury, Dr\*, Queen's U., Belfast, *Making space for transparency: the power of ideas and their geographies of encounter.*

**9:20** Stefan Buzar, Dr\*, U. of Oxford, *When homes become prisons: exploring the relational spaces of post-socialist energy poverty.*

**4146. Geographies of 'the Creative/Cultural Economy': A place for sustainability?***Room: Clark 7 (Paper Session)*

ORGANIZER(S): Rob Krueger, Worcester Polytechnic Institute; Susan Buckingham, Brunel U.

CHAIR(S): Rob Krueger, Worcester Polytechnic Institute

**8:00** Rachel C. Fleming, MRP\*, U. of North Carolina, Chapel Hill, *Challenges and Feasibility of Rural Arts-Based Economic Development: the Case of Chatham County, North Carolina.*

**8:20** Frances Fahy\*, National U. of Ireland, Galway, *Re-mapping the Urban Landscape: An attractive prospect for sustainability?.*

**8:40** David Sauri\*, Universitat Autònoma de Barcelona; david sauri, Universitat Autònoma de Barcelona, Spain; Marc Pares, Universitat Autònoma de Barcelona, *Creative Architectural Design and Sustainability: Barcelona's New Public Parks*.

**9:00** Susan Buckingham\*, Brunel U., *Painting the Town Green? The Creative City discourse in Worcester, Massachusetts*.

**4148. Small scale Urban Land Use Change**

Room: Clark 9 (Paper Session)

ORGANIZER(S): Susan Lucas, Edinboro U. of Pennsylvania; Timothy Pitts, Edinboro U. of Pennsylvania

CHAIR(S): Susan Lucas, Edinboro U. of Pennsylvania

**8:00** Timothy C. Pitts\*, Edinboro U. of Pennsylvania; Susan Lucas, Edinboro U. of Pennsylvania, *Waterfront Redevelopment: A Case Study of Erie, PA*.

Introducer: Susan Lucas

**8:20** Christopher Anthony De Sousa\*, U. of Wisconsin - Milwaukee, *Urban Brownfields Redevelopment in Canada - Examining the role of local government*.

**8:35** Daniel J. Hammel\*, U. of Toledo, *New Schools, New Neighborhoods: Geographical Targeting and Community Development*.

**8:55** Christopher D. Storie\*, Winthrop U., *The Analysis of Small-Scale Changes in Retail Structure*.

**9:15** Maureen Fagans\*, U. of Toledo, *The Southwyck Mall Case: A Comparison of the Projected Economic Impacts of Traditional vs. .*

**4149. National Parks: Cultural Landscapes, Historical Change, and Tourism (Sponsored by Recreation, Tourism, and Sport Specialty Group, Historical Geography Specialty Group, Cultural Geography Specialty Group)**

Room: Clark 10 (Paper Session)

ORGANIZER(S): Yolonda Youngs, Arizona State U.

CHAIR(S): Yolonda Youngs, Arizona State U.

**8:00** Karl Byrand\*, U. of Wisconsin-Sheboygan, *Old Faithful: Reflections on the Conflict of Preservation and Use on One of the National Parks' Most Beloved Landscapes, 1915-1940*.

**8:20** Yolonda Youngs\*, Arizona State U., *Achtung Parks!: Exploring Visual and Textual Depictions of Danger in National Parks*.

**8:40** Langdon Smith\*, Slippery Rock U. of Pennsylvania, *Cape Hatteras: The National Seashore Experiment*.

**9:00** Amanda Rees, Ph.D.\*, Columbus State U., *Dudes in the Tetons: Lost Dude Ranches, Lost Dude Movies, and the Production of Region*.

Discussant(s): William Wyckoff, Montana State U.

**4150. Linking Social and Ecological Systems I: Theory, Rationale and Necessity for integrating social and ecological systems (Sponsored by Spatial Analysis and Modeling Specialty Group, Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group)**

Room: LaSalle 1 (Paper Session)

ORGANIZER(S): Jane Southworth, U. of Florida; Dr. Perz Stephen, U. of Florida  
CHAIR(S): Jane Southworth, U. of Florida

**8:00** Perz Stephen\*, U. of Florida; Jane Southworth, U. of Florida; Grenville Barnes, U. of Florida; Graeme Cumming, U. of Florida, *Infrastructure Change, Human Agency, and Resilience in Social-Ecological Systems*.

**8:20** Richard J. Aspinall\*, Arizona State U., *Coupled modelling of human and natural systems: the Global Land Project*.

**8:40** W. Stuart Kirkham, Ph.D.\*, U. of Maryland Baltimore County, *Contesting an Invasive Species: Complexity Theory and Post-Structural Political Ecology*.

**9:00** So-Min Cheong, Ph.D.\*, U. of Kansas, *Evolution of Integration*.

Discussant(s): Dr. Perz Stephen, U. of Florida; Jane Southworth, U. of Florida; Rinku Roy Chowdhury, U. of Miami; Harini Nagendra, Indiana U. - CIPEC

**4151. Folk Geographies I: land, life, lore (Sponsored by Qualitative Research Specialty Group, Cultural Geography Specialty Group)**

Room: LaSalle 2 (Paper Session)

ORGANIZER(S): Hayden Lorimer; Dydia DeLyser, Louisiana State U.  
CHAIR(S): Hayden Lorimer

**8:00** Eric Pawson\*, university of canterbury, *Trees and memory: focusing, forgetting and recovering*.

**8:20** George Revill\*, The Open U., *Herder, Sharp and Lomax: Nationalism, Hybridity and The Geography of Folk Music*.

**8:40** Peter Merriman\*, U. of Wales, Aberystwyth, *The BBC Radio Ballads and the politics of the British folk song revival, 1945-1965*.

**9:00** Keith Jones, ESRC research fellow, U. of Nottingham\*, U. of Nottingham, *In Search of Sonic Community: The World Soundscape Project and Folk Geographies of European Villages*.

Discussant(s): Tim Cresswell, U. of Wales, Aberystwyth

**4152. Geographies of Muslim masculinities (Sponsored by Geographic Perspectives on Women Specialty Group, Geography of Religions and Belief Systems Specialty Group, Cultural Geography Specialty Group)**

Room: LaSalle 3 (Paper Session)

ORGANIZER(S): Dr. Peter E Hopkins, Lancaster U.; Dr. Claire Dwyer  
CHAIR(S): Dr. Peter E Hopkins, Lancaster U.

**8:00** Holly M. Hapke\*, East Carolina U.; Devan Ayyankeri, Independent Scholar, *Gulf Migration and Changing Patterns of Gender Identities in a South Indian Muslim Community*.

**8:17** Farhang Rouhani\*, U. of Mary Washington, *Liminal masculinities: Displacements and emplacements among transnational queer muslims*.

**8:34** Cameron McAuliffe\*, U. of Sydney, *Resisting the Fundamentals: Reproduction of Identity in the Second Generation of the Iranian Diaspora*.

**8:51** Patricia Ehrkamp\*, Miami U. of Ohio, *Racialization, Masculinity and Public Space: Spatial Practices of Turkish Men in Germany*.

**9:08** Claire Dwyer\*, U. College London; Bindi Shah, U. College London; Gurchathen Sanghera, U. of Bristol; Tariq Modood, U. of Bristol; Suruchi Thaper-Bjorkert, U. of Bristol, *'From cricket lover to terror suspect' - young British Muslim men challenging moral panics and media representations.*  
 Discussant(s): Dr. Linda McDowell, U. of Oxford

**4154. State and Territory: An Anglo-French Conversation I (Sponsored by Political Geography Specialty Group)**

*Room:* LaSalle 5 (Paper Session)

ORGANIZER(S): Kevin R. Cox, Ohio State U.

CHAIR(S): Kevin R. Cox, Ohio State U.

**8:00** Benoit ANTHEAUME\*, French Institute of Research for Development, *The Geographic Analysis of Territorial Complexity: The Contribution of Elementary Spatial Structure Patterns ("Chorèmes").*

**8:20** Joe Painter\*, U. of Durham, *Networked territorialities and the production of stateness.*

**8:40** Martin Vanier\*, UMR PACTE/Territoires Université Joseph Fourier, *Which territories for EU today ?.*

**9:00** Mark Boyle, Dr\*, Strathclyde U., *Neoliberal urbanism and the fate of the downtown in French and Scottish cities.*

Discussant(s): Prof. Jacques Levy, Ecole Polytechnique Federale De Lausanne, Switzerland

**4156. Author Meets Critics: Derek Gregory's 'The Colonial Present.' (Sponsored by Political Geography Specialty Group)**

*Room:* Sandburg 2 (Panel Session)

ORGANIZER(S): Gerard Toal, Virginia Tech

CHAIR(S): Gerard Toal, Virginia Tech

Introducer: Gerard Toal

Panelists: Jonathan M. Smith, Texas A&M; Stuart Corbridge; Carolyn Gallaher, American U.; Mathew Coleman; Gerry Kearns, U. of Cambridge; Dr. Derek Gregory, U. of British Columbia

**4157. The Changing China I: Population, Resources and Environment (Sponsored by China Specialty Group)**

*Room:* Sandburg 3 (Paper Session)

ORGANIZER(S): Shuguang Wang, Ryerson U.; George Lin, U. of Hong Kong

CHAIR(S): Kam Wing Chan, U. of Washington

**8:00** Kam Wing Chan\*, U. of Washington, *Migration in China in the 1990s and Beyond.*

**8:20** Wenfei Winnie Wang\*, UCLA; C Cindy Fan, UCLA, *Impacts of return migration on rural development in China.*

**8:40** John Zhongdong Ma\*, Hong Kong U.; Jialong Tang, The Hong Kong U. of Science & Technology, *Migration in a Transitional Society: patterns and explanation of migration by Chinese young adults in the late 1990s.*

**9:00** Shii Okuno\*, U. of Marketing and Distribution Services, *Towards sustainable development in Inner Mongolia: Recreational development and uncertainties in new environmental programs.*



9:20 Jingnan Huang\*, National U. of Singapore; Xixi Lu, National U. of Singapore; Ling Tian, Chongqing Municipal Construction Commission, Chongqing, P.R.China, 400014, *Multi-temporal analysis of the rapid urbanization impact on the vulnerable environment.*

**4158. Geographic Profiling, Forensic Investigation and Crime Mapping (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group, Cartography Specialty Group)**

Room: Sandburg 4 (Paper Session)

ORGANIZER(S): Gregory A. Elmes, West Virginia U.; Michael Leitner, Louisiana State U.  
CHAIR(S): Gregory A. Elmes, West Virginia U.

Introducer: Michael Leitner

8:05 Gregory A. Elmes\*, West Virginia U.; Ge Lin, West Virginia U.; Christine Titus, West Virginia U., *Spatially-Integrated Forensic Science: Review and Prospect.*

8:24 Michael Leitner\*, Louisiana State U.; Dan Helms, National Law Enforcement and Corrections Technology Center ? Rocky Mountain; Ian Oldfield, Strategic Analysis Unit, Metropolitan Police Service, Territorial Policing Headquarters; Derek Paulsen, Department of Criminal Justice and Police Studies, Eastern Kentucky U., *Evaluating Geographic Profiling Models.*

8:43 Yongmei Lu\*, Texas State U. - San Marcos; Tamara T. Clunis, Texas State U. - San Marcos, *Spatiotemporal Patterns of Juvenile Offenses and Offenders in Dallas and Surrounding Area.*

9:02 Michael Anthony Walnoha\*, West Virginia U., *Shoeprint Analysis: A GIS Application in Forensic Evidence.*

9:21 Ge Lin\*, West Virginia U.; Greg Elmes, West Virginia U., *The Sources of Uncertainties in Crime Scene GIS Mapping.*

**4159. The Knowledge Economy (Un)Bound: Cities and the Search for the "Next, Next Best Thing" (Sponsored by Urban Geography Specialty Group)**

Room: Sandburg 5 (Paper Session)

ORGANIZER(S): Karl Maxwell Grinnell, U. of Wisconsin

CHAIR(S): Karl Maxwell Grinnell, U. of Wisconsin

8:00 Yeong-Hyun Kim\*, Ohio U., *Politics of global city status and good governance in Seoul.*

8:20 Shiri Breznitz\*, U. of Cambridge, *The University as a Regional Development Agent: Cambridge, Yale, and the Biotechnology Clusters.*

8:40 Max Grinnell\*, U. of Wisconsin, *"Any Place Can Play": The Knowledge Economy at Work in Cities.*

**4160. Cities and Urban Regions in Developing Areas I: Latin America (Sponsored by Developing Areas Specialty Group, Urban Geography Specialty Group, Latin America Specialty Group)**

Room: Sandburg 6 (Paper Session)

ORGANIZER(S): Betty Elaine Smith, Eastern Illinois U.; Joel Outtes, UFRGS-Univ Fed Rio Gde Do Sul

CHAIR(S): Joel Outtes, UFRGS-Univ Fed Rio Gde Do Sul

8:00 John Harner\*, U. of Colorado, *Neoliberal reforms and social equity in Guadalajara, Mexico.*

- 8:20 Betty Elaine Smith, Ph.D.\*, Eastern Illinois U., *The Tri Border Urban Area of South America: A Matter for Geopolitical Worry?*.
- 8:40 Korine N. Kolivras\*, Virginia Tech; Joseph L. Scarpaci, Virginia Tech, *Health Concerns and Help-Seeking Behavior in a Dominican Shantytown*.
- 9:00 Joel Outtes\*, UFRGS-Univ Fed Rio Gde Do Sul; Livia Capparelli, UFRGS- Univ Fed Do Rio Gde Do Sul, *From Hygienism to the Urbanization of Favelas (Shantytowns): The Housing Policy of Brazil (1850-2005)*..
- Discussant(s): Joseph L. Scarpaci, Jr., Virginia Tech

**4161. Landscape, Narrative and Representation**

Room: Sandburg 7 (Paper Session)

- ORGANIZER(S): Diana Davis, U. of Texas  
 CHAIR(S): Diana Davis, U. of Texas
- 8:00 James E. Housefield, Ph.D.\*, Texas State U. - San Marcos, *Sites of Time: Challenges to the Pastoral in Contemporary Art (Robert Smithson, Roxy Paine)*.
- 8:20 Kacy McKinney\*, U. of Texas at Austin, *Problematizing the Transgenic Landscape: Agrarian Narratives and Policy Action in Rio Grande do Sul, Brazil (1998-2005)*.
- 8:40 Diana K Davis, DVM, PHD\*, U. of Texas, Austin, *Painting the Desert: Sublime or Defiled? Landscape Visions in French Colonial North Africa*.
- 9:00 Leo Zonn\*, U. of Texas at Austin, *Remembering the Alamo: A Place of the Cinematic Experience, Texas Style*.
- Discussant(s): Denis E. Cosgrove, U. of California

**4162. Karst and Hydrology (Sponsored by Water Resources Specialty Group)**

Room: Sandburg 8 (Paper Session)

- ORGANIZER(S): Robert Brinkmann, U. of South Florida  
 CHAIR(S): Robert Brinkmann, U. of South Florida
- 8:00 Robert Brinkmann, Ph.D.\*, U. of South Florida; Mark Hafen, Ph.D., U. of South Florida, *Morphometry of Karst Depressions in West-Central Florida*.
- 8:20 Daniel Dye\*, U. of South Florida; Melanie Bartlett, , Veolia Water North America; Christine Owen, PhD, Tampa Bay Water, *Design for a Hydrologic Information System for Water Quality Measurements at the C.W. Young Regional Reservoir*.
- 8:40 Rhonda M. Glennon\*, ESRI, *Karst watershed cartography within ArcGIS*.
- 9:00 Stephen T Carson\*, U. of South Florida Department of Environmental Science and Policy; Robert Brinkmann, Ph.D., U. of South Florida Department of Geography; Spencer Fleury, U. of South Florida Department of Geography, *Distribution of Reported Sinkholes in the Tampa MSA: Population Dependent or Natural Occurrence?*.

**4163. Human Impacts on Coastal Development***Room: Montrose 1 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Robert Sirk, Austin Peay State U.

**8:00** Zhang Yingxuan\*, U. of Hong Kong, *An Integrated Approach towards Coastal Zone Management in Shantou.***8:20** David Anderson\*, U. of South Carolina, *An Integrative Study of Shoreline Change, Coastal Habitats and Beach Restoration in Baldwin County, Alabama.***8:40** Rosana Grafals, Ph.D Student\*, Rutgers U., *Accessibility as a landscape modifying agent of developed beaches.***9:00** Robert A. Sirk\*, Austin Peay State U., *Conversion, Contradiction and Community: The Shaping of Peanut Island, FL.***4164. Water Quality***Room: Montrose 2 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Kevin Czajkowski, U. of Toledo

**8:00** Narumon Wiangwang\*, Michigan State U.; Jiaguo Qi, Michigan State U., *Assessment of Hyperspectral Data for Water Quality Studies in Michigan's Inland Lakes.***8:20** Malini De, Graduate Student\*, U. of Iowa, *Does Water Look Green in Iowa?.***8:40** Jacob Andrew Maas\*, Western Michigan U., *Spatial Analysis of Nitrate Contamination of Groundwater in Dodge County, Wisconsin.***9:00** Alexandra Myers\*, U. of California - Berkeley, *Evaluating cleanup effectiveness and episodic discharge from the ongoing remediation of the Gambonini mercury mine.***9:20** Kevin Czajkowski\*, U. of Toledo; James Coss, U. of Toledo; thomas Bridgeman, University of Toledo; George Leshkevich, Great Lakes Environmental Research Laboratory, *Development of Satellite Turbidity Product for NOAA's Coastwatch Program.***4165. Best Teaching Practices: Three Panel Sessions #1 Regional (Sponsored by Community College Affinity Group, Geography Education Specialty Group)***Room: Montrose 3 (Panel Session)*

ORGANIZER(S): Bruce L. Seivertson, Imperial Valley College

CHAIR(S): Bruce L. Seivertson, Imperial Valley College

Panelists: Mr. M. Ford Cochran, National Geographic Society; Herschel Stern, Miracosta College; Bruce L. Seivertson, Imperial Valley College; Mark Guizlo, Lakeland Community College; Susan Hume, Southern Illinois U. Edwardsville; Tarek A. Joseph, Henry Ford Community College; Kerry Lyste, Everett Community College

- 4169. Landscape Ecology 1: Quantifying and Monitoring Landscape Pattern Using Remote Sensing and GIS (Sponsored by Geographic Information Science and Systems Specialty Group, Biogeography Specialty Group, Remote Sensing Specialty Group)**  
**Room:** Montrose 7 (Paper Session)  
**ORGANIZER(S):** David Cairns, Texas A&M U.; Rachel Kurtz, United States Geological Survey  
**CHAIR(S):** David Cairns, Texas A&M U.  
**8:00** Rachel Kurtz\*, United States Geological Survey, *Fragmentation Patterns in the Eastern U.S.: 1973 - 2000.*  
**8:20** Jess Clark\*, Brigham Young U.; Matthew Bekker, PhD., Brigham Young U., *Distinguishing Spatial Patterns Among Ribbon Forest Sites using Landscape Metrics.*  
**8:40** Willem J.D. Van Leeuwen\*, U. of Arizona; Choy Huang, U. of Arizona; Grant Casady, U. of Arizona; Stuart E. Marsh, U. of Arizona, *Satellite Derived Vegetation Phenology: Changes in the Southwestern U.S..*  
**9:00** Carol Lynn Campbell, Ph.D.\*, New Mexico State U.; Thomas W. Gillespie, Ph.D., U. of California, Los Angeles; Hartmut S. Walter, Ph.D., U. of California, Los Angeles, *Quantifying Temperate Coniferous Forest Structure from Space.*
- 4170. Biosecurity I: Re-ordering the Geographies of Living and Disease**  
**Room:** Burnham 1 (Paper Session)  
**ORGANIZER(S):** Stephen Hinchliffe, Open U.; Gareth Enticott, Cardiff U.  
**CHAIR(S):** Gareth Enticott, Cardiff U.  
**8:00** Nick Bingham\*, Open U.; Stephen Hinchliffe\*, Open U., *Securing the bios?.*  
**8:20** Estair Van Wagner, MES/LLB Candidate\*, York U. Faculty of Environmental Studies, *Global Cities & Emerging Infectious Disease: Biosecurity and the Reshaping of the City.*  
**8:40** Lyle Fearnley\*, Columbia U., *Syndromic Surveillance: A Post-biopolitical Geography of Disease Control.*  
**9:00** Claire Major\*, York U., *Affect work and infected bodies: biosecurity in an age of emerging infectious disease.*
- 4171. Post-socialism VI: Ethnicity and migration (Sponsored by Russian, Central Eurasian, and East European Specialty Group, Population Specialty Group, Ethnic Geography Specialty Group)**  
**Room:** Burnham 2 (Paper Session)  
**ORGANIZER(S):** Marianna Pavlovskaya, Hunter College  
**CHAIR(S):** Ms. Melanie Feakins  
**8:00** Timothy Edmund Heleniak\*, U. of Maryland, *The Great Unmixing: The Changing Ethnic Geography of the Former Soviet Union.*  
**8:20** Medea Givi Badashvili, Ms\*, Tbilisi State U., *Labour migration from post-socialist Georgia after the collapse of USSR.*  
**8:40** Alexander C. Diener\*, Pepperdine U., *Transnationalization in Kazakhstan: Problems of Homeland Construction.*  
**9:00** Vesa Rautio\*, Helsinki School of Economics, *Privatization in the Russian North: Public sector and labor force relations.*  
**Discussant(s):** Dr. Gregory Ioffe, Radford U.

**4173. Global AIDS**

Room: Burnham 4 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Dr. Michelle Cochrane, U. of California - Berkeley

**8:00** Curtis James Denton\*, U. of North Texas, *Neighborhood Effects on Teen HIV/AIDS in Dallas County, Texas.*

**8:20** Matthew Sothern\*, U. of Washington, *The Greatest Treasure of the Pacific: HIV prevention and the multicultural state in Aotearoa/New Zealand.*

**8:40** Maction Komwa\*, George Mason U.; Dawn Parker, George Mason University; Todd Benson, IFPRI, Washington DC; Thomas Berger, Centre for Development Research, *The effects of HIV/AIDS on cropping decisions and their impact on land use and environment in Uganda: Integrating household survey and GIS data into an agent simulation model.*

**9:00** Michelle Cochrane, MPH, Ph.D.\*, U. of California - Berkeley, *A Review of Geographical Research on AIDS in South Africa.*

**4174. Theatrical Geographies: Art, Space and Performance (Part I)**

Room: Burnham 5 (Paper Session)

ORGANIZER(S): Amanda Rogers; Dr. Philip Crang, Royal Holloway, U. of London

CHAIR(S): Dr. Philip Crang, Royal Holloway, U. of London

**8:00** Sarah G Cant, Dr\*, U. of Plymouth, *'Check out the space': creating geographies through improvisation and experimental theatre.*

**8:20** Alexander P. Vasudevan, Dr.\*, U. of Nottingham, *'Thought seen touched': Theatrical States and Material Procedures in the Work of Eva Hesse.*

**8:40** Amanda Rogers\*, Royal Holloway, U. of London, *Beyond the shoes, beyond the shores?: Locating Filipino identity in Imelda: A New Musical.*

**9:00** Lauren Love, Doctoral Candidate\*, U. of Minnesota, *I'll Take Manhattan: Performing Jewish Belonging at Sholem Aleichem's 1916 Funeral.*

**9:20** Jeanne Willcoxon\*, U. of Minnesota - Minneapolis, *Erasing the Strange: The Masque of Queens and the Place of the Antimasque.*

**10:00 a.m. – 11:40 a.m.****4201. Faith based organizations and human geography II**

Room: Salon 1 (Paper Session)

ORGANIZER(S): Dr. Justin Beaumont, U. of Groningen

CHAIR(S): Dr. Justin Beaumont, U. of Groningen

**10:00** Andrew Orton, BA(Hons), MA, C.Man\*, U. of Durham, *Contesting “good practice” in English faith-based community work: Changing agendas and changing organisations.*

**10:20** Nick Clarke\*, U. of Southampton; Clive Barnett, Open U.; Paul Cloke, U. of Exeter; Alice Malpass, U. of Bristol, *Faith in Ethical Consumption.*

**10:40** Joanna R Southworth, Dr\*, Unviersity of Birmingham, UK; Chris Haylett, Dr, The U. of Manchester, *New Formations of Welfare and Religion: ‘Charitable Choice’ in Richmond, Virginia.*

**11:00** Gerbrand Geldenhuys Mans, Mr\*, Stellenbosch U., *A critical perspective on churches as social service providers in South African urban communities.*

Discussant(s): Prof. Paul Cloke

**4202. Hurricanes II: Recent Hurricanes and Societal Response (Sponsored by Climate Specialty Group, Hazards Specialty Group)**

Room: Salon 2 (Paper Session)

ORGANIZER(S): Kam-Biu Liu, Louisiana State U.

CHAIR(S): Kam-Biu Liu, Louisiana State U.

**10:00** Jay Baker\*, Florida State U., *Hurricane Evacuation Fatigue in Florida.*

**10:20** William Monfredo, Assistant Professor\*, U. of New Orleans, *Exiting New Orleans: Katrina and the Flood Bowl Days.*

**10:40** Darrel L. McDonald, Ph.D.\*, College of Forestry and Agriculture, Stephen F Austin State U.; James Kroll, Ph.D., Columbia Center; P.R. Blackwell, Columbia Center; David Kulhavy, Ph.D., College of Forestry and Agriculture, Stephen F. Austin State U., *Inland Impacts of Hurricane Rita on East Texas Landscapes.*

**11:00** Michael S. Kearney\*, U. of Maryland; J. Court Stevenson, Horn Point Laboratory, U. of Maryland Center for Environmental Science, P.O. Box 775, Cambridge, MD 21613, *Classifying Hurricanes and Tropical Storms Impacts for Chesapeake Bay.*

**11:20** Darlene Occena-Gutierrez\*, Texas State U.-San Marcos, *Tropical Cyclone Preparedness in Northern Philippines.*

**4204. Cartography and GIS in Historical Research**

Room: Salon 4 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mr. William F Keegan

**10:00** Thomas M. Woodfin, ASLA, RLA\*, Texas A&M U., *Archival evidence of cartographic dominance as an indicator of economic hegemony.*

**10:20** Ellen E. Markin\*, The U. of Montana, *Application of Sanborn Fire Insurance Maps to Historical GIS.*

**10:40** William F Keegan\*, Heritage Consultants LLC; Kristen N. Keegan, U. of Connecticut, *Describing and Depicting Uncertainty in the Location of Historic Shipwrecks in Long Island Sound.*

**4205. Economic Geography: Local and Regional Development***Room: Salon 5 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Robert Sinclair, Wayne State U.

**10:00** Thomas O. Graff\*, U. of Arkansas, *Supercenters Vs. Grocery Stores.***10:20** Michal Kohout\*, California State U., San Bernardino, *A Comparative Evaluation of the Regional Economic Development of the Inland Empire.***10:40** Adam W Zobel\*, South Dakota State U., *The I-29 Gateway: South Dakota's Emerging Urban Corridor?.***11:00** Neil Reid, Ph.D.\*, U. of Toledo; Michael C. Carroll, Ph.D., Bowling Green State U., *Enhancing the Economic Competitiveness of the Northwest Ohio Greenhouse Industry Using a Cluster-based Approach.***11:20** Robert Sinclair\*, Wayne State U., *Corporate Restructuring, International Suppliers, and Foreign Enclaves. German and Japanese Communities in Suburban Detroit.***4206. Disease Vectors II: Malaria, Dengue, and Bacteria***Room: Salon 6 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Michael Emch, Columbia U.

**10:00** Li Li\*, Department of Geography, SUNY Buffalo; Ling Bian, Department of Geography, SUNY Buffalo; Guiyun Yan, Department of Biological Sciences, SUNY Buffalo, *Locally varying relationships between mosquito habitat and environmental factors.***10:20** Sigrid Rian\*, Department of Geography, UCLA; Glen MacDonald, Department of Geography, UCLA; Yongkang Xue, Department of Geography, UCLA; Seydou Doumbia, Malaria Research and Training Center, Faculté de Médecine, de Pharmacie et d'Odonto-Stomatologie, Université du Mali, Bamako, Mali; Guimogo Dolo, Malaria Research and Training Center, Faculté de Médecine, de Pharmacie et d'Odonto-Stomatologie, Université du Mali, Bamako, Mali; Sekou F. Traore, Malaria Research and Training Center, Faculté de Médecine, de Pharmacie et d'Odonto-Stomatologie, Université du Mali, Bamako, Mali; Mahamadou Toure, Malaria Research and Training Center, Faculté de Médecine, de Pharmacie et d'Odonto-Stomatologie, Université du Mali, Bamako, Mali; Fernando DeSales, Department of Geography, UCLA; Paul Levine, Department of Geography, UCLA; Saul Lozano-Fuente, Department of Ecology and Evolutionary Biology, UCLA; Greg Lanzaro, Department of Entomology, UC Davis; Charles Taylor, Department of Ecology and Evolutionary Biology, UCLA, *A new classification product for analysis of environmental characteristics of malaria vector habitat in Mali, West Africa.***10:40** Asia A Addlesberger, Graduate Student\*, San Diego State U.; Arthur Getis, Emeritus Professor of Geography, San Diego State U., *The Role of Aedes Albopictus in Dengue Fever Transmission In Kamphaeng Phet, Thailand: A Spatial Analysis.***11:00** Donald J. Huebner, PhD\*, Texas State U.-San Marcos; Kai Elgethun, PhD, Texas A&M U.; Shelli Meyer, Texas A&M U.; Richard A Long, Texas A&M U.; Robert Hetland, Texas A&M U., *Vibrio vulnificus: "flesh-eating" bacteria as an environmental hazard and public health risk.*

**11:20** Michael Emch\*, Columbia U., *A comparison between risk areas and neighborhood-level risk factors for two types of bacterial dysentery: Implications for vaccine development.*

**4207. Undergraduate Geographic Perspectives**

*Room:* Salon 7 (Interactive Short Paper Session)

ORGANIZER(S): Jessica J. Kelly, Rutgers U.

CHAIR(S): Jessica J. Kelly, Rutgers U.

**10:00** Lori Lynn\*, Douglas College, Rutgers U., *The Intersection between Infrastructure and Safety, Exploring New Jersey's Dams.*

**10:05** Agnieszka Siemiginowska\*, Rutgers U., *Suburban Hazard Vulnerability in 21st Century America.*

**4208. Rethinking Legal Geography**

*Room:* Salon 8 (Panel Session)

ORGANIZER(S): Laam Hae, Syracuse U.; Reecia Orzeck, Syracuse U.

CHAIR(S): Reecia Orzeck, Syracuse U.

Panelists: Dr. Bernd Belina, Universität Potsdam, Institut Für Geographie; David Delaney, Amherst College; Steve Herbert, U. of Washington; Dr. Phil Hubbard; Christopher City; Don Mitchell, SYRACUSE UNIVERSITY

**4209. Geography of the Holy Land: Perspectives (Sponsored by Bible Geography Specialty Group)**

*Room:* Salon 9 (Paper Session)

ORGANIZER(S): William A. Dando, Indiana State U.

CHAIR(S): Dr. Ronald Boyce

**10:00** William A. Dando\*, Indiana State U.; Caroline Z. Dando, Indiana State U., *Book Design and Development - Geography of the Holy Land: Perspectives.*

**10:20** Ronald Boyce\*, Seattle Pacific U., *The Significance of the AAG Geography of the Bible Specialty Group Book.*

**10:40** Bruce R. Crew\*, Michigan State U., *Applications of "Bible Geography" Specialty Group Book: Allenby's 1917-1918 Middle East Military Campaign in Palestine.*

**11:00** Dorothy Drummond\*, Indiana State U., *Evolving Prospects for Peace in the Holy Land.*

Discussant(s): Gordon Franz

**4211. Dendrochronology VII: Tropical Dendrochronology II (Sponsored by Climate Specialty Group, Biogeography Specialty Group)**

*Room:* Salon 11 (Paper Session)

ORGANIZER(S): Dr. Valerie Trouet, Pennsylvania State U.; Matthew Therrell, U. of Virginia

CHAIR(S): Matthew Therrell, U. of Virginia

**10:00** Aondover Tarihule, Ph.D. Associate Professor\*, U. of Oklahoma; Ibrahim Bouzou, Associate Professor, Abdou Moumouni U., *Towards High-Resolution Tree-Ring Proxy Climate Records.*

**10:20** Matthew D Therrell\*, U. of Virginia; David W Stahle, U. of Arkansas; Lydia P Ries, U. of Virginia; Herman H Shugart, U. of Virginia, *Tree-Ring Reconstructed Rainfall Over Zimbabwe.*



**10:40** Valerie Trouet\*, Pennsylvania State U.; Hans Beeckman, Royal Museum for Central Africa, Tervuren, Belgium, *Tree ring data as proxy data for precipitation variability and ENSO in the miombo woodland of Southern Africa.*

**4212. Heritage, Dereliction, and Bioretention in the Chicago Region**

*Room:* Salon 12 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): James E. Landing, U. of Illinois At Chicago

**10:00** Daniel Thomas Cook, PhD\*, U. of Illinois, *Re-gracing the Landscape: Heritage, History and Environmentalism on Chicago's Southeast Side.*

**10:20** David C Schalliol\*, U. of Chicago, *A study of "dereliction" and place: North of the Calumet River.*

**10:40** Chivia Horton\*, Department of Geography and Environmental Studies, Northeastern Illinois U., Chicago, IL 60625., *Selling Rain Gardens: Public Perceptions of Bioretention Facilities in Chicago.*

**11:00** Todd BenDor\*, U. of Illinois at Urbana-Champaign, *Spatial Trends in Off-Site Wetland Mitigation in the Chicago Region.*

**11:20** James E. Landing\*, U. of Illinois At Chicago, *"The Calumet Ecological Park Proposal, Chicago".*

**4213. Segregation and the City**

*Room:* Cresthill Room 11 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Dr. Erick Howenstine, G&ES Northeastern Illinois U.

**10:00** Venla Bernelius, M.Sc.\*, U. of Helsinki, *Are educational outcomes real estate?.*

**10:20** Sungsoon Hwang\*, U. of Washington, *Housing market segmentation in the U.S. metropolitan areas.*

**10:40** Philippe Apparicio\*, U. of Quebec (INRS-UCS); Mathieu Charron, U. of Quebec (INRS-UCS); Valera Petkevitch, U. of Quebec (INRS-UCS), *A C#.Net application for calculating residential segregation indices.*

**11:00** Laura Gaylin Smith\*, George Washington University, *Exploring the perceptions and realities of segregation in Washington, D.C.'s Ward 8..*

**11:20** Erick Howenstine\*, G&ES Northeastern Illinois U., *Class-based segregation within racial/ethnic groups in Chicago.*

**4215. Critical Encounters Between Governmentality Studies & Marxian Geography II (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group)**

*Room:* Private Dining Room 4 (Paper Session)

ORGANIZER(S): Reuben Skye Rose-Redwood, Pennsylvania State U.

CHAIR(S): Reuben Skye Rose-Redwood, Pennsylvania State U.

Introducer: Reuben Skye Rose-Redwood

**10:05** Jayson Funke\*, Clark U., *Manufacturing the Body Politic: The Corporate Person as Homo Economicus.*

**10:25** Katharine Islay McKinnon\*, Massey U., *Power and Transformation: political activism, subjectivation and the state.*

**10:45** Pablo Mendez\*, U. of British Columbia, *Statistics Upside Down: An Alternative Approach to the Subject in Critical Analytical Urbanism.*

**11:05** Alistair Geddes\*, Pennsylvania State U., *Statistics as a technique of governmentality? what next?*.

Discussant(s): Clive Barnett

**4216. Best Practices in Graduate Supervision/Advising (Sponsored by Social and Cultural Geography, Medical Geography Specialty Group, Geography Faculty Development Alliance (GFDA))**

*Room:* Private Dining Room 5 (Panel Session)

ORGANIZER(S): Allison Williams, McMaster U.

CHAIR(S): Allison Williams, McMaster U.

Introducer: Allison Williams

Panelists: Sarah Curtis, U. of London; Christine Milligan, Lancaster U., Institut; Mark W. Rosenberg, Queen's U.; Deborah Thien, U. of Northern BC; Valorie Crooks

**4217. Aeolian Geomorphology II (Sponsored by Geomorphology Specialty Group, Coastal and Marine Specialty Group)**

*Room:* Private Dining Room 6 (Paper Session)

ORGANIZER(S): Jean Taylor Ellis, Texas A&M U.; Paul A. Gares

CHAIR(S): Jean Taylor Ellis, Texas A&M U.;

**10:00** Jennifer L. Booth\*, Louisiana State U., *Wind Flow Characteristics: A Comparison Between Artificial and Natural Vegetation.*

**10:20** Paul A. Gares\*, East Carolina U.; Patrick Pease, East Carolina U., *Influence of topography on wind flow and sediment transport over a blowout at Jockey's Ridge State Park, North Carolina.*

**10:40** Patrick Pease\*, East Carolina; Paul Gares, East Carolina U., *The influence of topography and approach angles on local deflections of the wind field in a coastal blowout, Jockey's Ridge State Park, North Carolina, USA.*

**11:00** Graziela Miot da Silva\*, Louisiana State U.; Patrick Hesp, Louisiana State U.; Sérgio Dillenburg, Universidade Federal do Rio Grande do Sul; Luiz Emilio de Sá Brito de Almeida, Universidade Federal do Rio Grande do Sul, *Coastline orientation and aeolian sediment transport on a headland bay beach in Southern Brazil.*

**4218. Ethics and Philosophy in Ethnic Geography (Sponsored by Population Specialty Group, Urban Geography Specialty Group, Ethnic Geography Specialty Group)**

*Room:* Private Dining Room 7 (Panel Session)

ORGANIZER(S): Carlos Teixeira, U. of British Columbia Okanagan; Lawrence E. Estaville, Texas State U.

CHAIR(S): Lawrence E. Estaville, Texas State U.

Panelists: Joy K. Adams, U. of Texas; Qingfang Wang, U. of North Carolina at Charlotte; Stavros T. Constantinou, Ohio State U.; Heike Alberts, U. of Wisconsin-Oshkosh; James P. Allen, California State U. - Northridge; Heather Anne Smith, U. of North Carolina at Charlotte

**4219. Atmospheres: Perception and Pollution***Room: Private Dining Room 8 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Scott Sheridan, Kent State U.

**10:00** Elise Ho, B.Sc., B.Ed., M.E.S\*, U. of Toronto, Scarborough, *Perceptions of Climate Change in Children Aged 12-13.***10:20** Juliana A. Maantay\*, Lehman College/CUNY, *Asthma an Air Pollution in the Bronx, New York City: Using GIS for Health Disparities and Environmental Justice Research.***10:40** Zhiyong Hu\*, U. of West Florida, *Linkage of Stroke Rate and Particulate Matter in Florida Using GIS and Spatial Statistics.***11:00** Cynthia Jo Vogel, Graduate Student\*, Northern Illinois U., DeKalb IL, *Industrial Air Pollution and Perceptions of Health Conditions in a Select Community of Lincoln, California.***11:20** Scott Sheridan\*, Kent State U., *Public perception and response to heat warnings.***4220. Activism and gentrification research: a roundtable discussion 2 (Sponsored by Economic Geography Specialty Group, Urban Geography Specialty Group, Ethics, Justice, and Human Rights Specialty Group)***Room: Private Dining Room 9 (Panel Session)*

ORGANIZER(S): Maureen McLachlan, U. of Wisconsin-Madison

CHAIR(S): Maureen McLachlan, U. of Wisconsin-Madison

Panelists: Janet Smith; Sarah Jane Knoy, Organization of the Northeast; Kevin Jackson, Chicago Rehab Network; Alejandra Ibañez, Pilsen Alliance

**4223. Nature Enjoyed, Nature At Risk: The Politics and Practice of American Environmental Management (Sponsored by Water Resources Specialty Group, Recreation, Tourism, and Sport Specialty Group, Historical Geography Specialty Group)***Room: Private Dining Room 16 (Paper Session)*

ORGANIZER(S): Terence Young, California State Polytechnic U.-Pomona

CHAIR(S): William Wyckoff, Montana State U.

**10:00** Terence Young\*, California State Polytechnic U.-Pomona, *Practical Pilgrimage: How W.H.H. Murray Opened the Adirondacks to Tourism.***10:20** Ronald Foresta\*, U. of Tennessee, *Recreation and the "Promise of American Life".***10:40** Geoffrey L. Buckley\*, Ohio U., *Professional Forestry in Baltimore: A Historical Perspective.***11:00** Craig E. Colten\*, Louisiana State U., *Upper Mississippi River Interstate Pollution: A Trigger to Resource Protection.*

Discussant(s): William Wyckoff, Montana State U.

**4224. Career Trajectories in Geography***Room: Private Dining Room 17 (Panel Session)*

ORGANIZER(S): Rutherford V. Platt, Gettysburg College; Hannah Gosnell, Oregon State U.

Panelists: Rutherford V. Platt, Gettysburg College; Dan Bedford, Weber State U.; Douglas W. Gamble, U. of North Carolina - Wilmington; Kirstin Dow, U. of South Carolina; Hannah Gosnell, Oregon State U.

**4226. Environmental Justice From a Native Perspective (Sponsored by Socialist and Critical Geography Specialty Group, Cultural Geography Specialty Group, Indigenous Peoples Specialty Group)**

Room: *Monroe Ballroom* (Paper Session)

ORGANIZER(S): Jay T. Johnson, U. of Canterbury

CHAIR(S): Jay T. Johnson, U. of Canterbury

**10:00** Winona LaDuke\*, White Earth Land Recovery Project, *Environmental Justice From a Native Perspective*.

**4227. Geomorphology & Environmental Change**

Room: *Adams Ballroom* (Poster Session)

ORGANIZER(S): Program Committee

Jared M Beeton\*, Department of Geography, U. of Kansas; Rolfe Mandel, Kansas Geological Survey, U. of Kansas, *Geoarchaeology of the Cottonwood River Basin, Flint Hills, Kansas*.

Lynn F Smollin, M.S. Student\*, Texas State U., *A Climatology of Streamflow for Glacier National Park, Montana, U.S.A.*

Andrew Grundstein\*, U. of Georgia, *The effects of rain-on-snow events on soil temperatures in the Northern Great Plains*.

Jason R Janke\*, U. of Southern Mississippi, *The relationship between rock glacier and contributing area parameters in the Front Range of Colorado*.

Benjamin Sleeter\*, United States Geological Survey, *Field Tools: An assessment of user needs and a development of tools for land cover change field work*.

Krystal Klinger\*, U. of Connecticut; Melinda Daniels, U. of Connecticut, *Using Remotely Sensed Data to Evaluate Stream Habitat Conditions in Connecticut*.

Elizabeth Spencer\*, U. of Connecticut; Melinda Daniels, U. of Connecticut; Jason Vokoun, U. of Connecticut, *Riffle Microhabitats: Linking the Fluvial Geomorphology and Hydrodynamics to Aquatic Macroinvertebrate Community Compositions within Riffle Systems*.

Craig Sternberg\*, U. of Wisconsin-Eau Claire; Neil R Trombly, U. of Wisconsin-Eau Claire; Harry M Jol, U. of Wisconsin-Eau Claire; Douglas J Faulkner, U. of Wisconsin-Eau Claire, *Geomorphic Analysis of Historical Sedimentation in Half Moon Lake, Eau Claire, WI*.

Megan McCusker\*, U. of Connecticut; Melinda Daniels, U. of Connecticut, *An Evaluation of the Wolman Pebble Count Method in Small Streams*.

J. Michael Daniels\*, U. of Wyoming, *Flood hydrology of the North Platte River headwaters, Colorado*.

Casey Farrell\*, U. of Wisconsin-Eau Claire; Jacob R Henderson, U. of Wisconsin-Eau Claire; Sarah Lynn Knabel\*, U. of Wisconsin-Eau Claire; Michael A Molnar, U. of Wisconsin-Eau Claire; Mark C Nelson, U. of Wisconsin-Eau Claire; Derek Pirkel\*, U. of Wisconsin-Eau Claire; James A Strong, U. of Wisconsin-Eau Claire; Britta Jean Suppes\*, U. of Wisconsin-Eau Claire; Douglas J Faulkner\*, U. of Wisconsin-Eau Claire; Harry M Jol, U. of Wisconsin-Eau Claire, *Evidence of an extreme paleoflood in Honokoa Gulch, Hawaii*.

Maribeth Milner\*, U. of NE - Lincoln, Dept. of Agronomy & Horticulture; Patrick J. Shea, U. of NE-Lincoln, School of Natural Resources; Alex R. Martin, U. of NE-Lincoln, Dept. of Agronomy & Horticulture; Fred W. Roeth, U. of NE-Lincoln, Dept. of Agronomy & Horticulture, *A Landscape-Based Modeling Framework for Identifying Risk of Pesticide Leaching and Runoff*.

- Michael Applegarth\*, Shippensburg U., *The Use of Digital Elevation Models to Indicate Bedrock Pediment Location, south-central Arizona.*
- Justin Abart\*, U. of Memphis; Thad Wasklewicz, U. of Memphis, *Do Surface Morphometric Features (Form) Control the Surface Complexity of Arid Region Alluvial Fans?.*
- Corey M. Werner\*, UW Madison, *Nonlinear Dune Response to Holocene Climate Change in the High Plains.*
- James F. Petersen\*, Texas State U. - San Marcos; Richard A. Earl, Texas State U. - San Marcos, *Pediment surfaces and stream terraces in Big Bend National Park, Texas.*
- Timothy N. Nipper\*, Missouri State U.; Mark A. Gossard, Missouri State U., *Geomorphic Assessment of a Bedrock-Controlled Ozark River, James River, Southwest Missouri.*
- Kin Yan Wong\*, U. of Wisconsin - Eau Claire; Jenifer J. Bode, U. of Wisconsin-Eau Claire; Courtney L. Daniels, U. of Wisconsin-Eau Claire; Nathan L. Graham, U. of Wisconsin -Eau Claire; Linda R. Hurd, U. of Wisconsin-Eau Claire; Susan R. Johnson, U. of Wisconsin-Eau Claire; Rodney V. Kouba, U. of Wisconsin-Eau Claire; Theresa M. Lenon, U. of Wisconsin-Eau Claire; Matthew M. Nier, Univeristy of Wisconsin-Eau Claire; Michael J. Schwartz, U. of Wisconsin-Eau Claire; Jordan H. Spina, Univeristy of Wisconsin-Eau Claire; Craig G. Sternberg, U. of Wisconsin-Eau Claire; Harry M. Jol, U. of Wisconsin-Eau Claire; Douglas J. Faulkner, U. of Wisconsin-Eau Claire, *Investigation of Coastal Erosion Along Hapuna Beach, Hawaii.*
- James Dietrich\*, U. of Kansas, *Beach Erosion and Storm Protection: Is Beach Nourishment the Answer for the Outer Banks of North Carolina.*
- Julie Helene Stephenson, M.A. Geography\*, UCLA, *Sea-Level Change in the Northeast Pacific Ocean from Tide-Gauge Records.*
- George A. Brook\*, U. of Georgia, *Late Pleistocene-Holocene History of Lake Ngami, Botswana based on OSL Dating of Fluvial and Lacustrine Sediments.*
- Kimberly Meitzen\*, U. of South Carolina at Columbia, *Riparian vegetation and floodplain development of the Lower Congaree River, Congaree National Park, South Carolina.*
- Dorothy Sack\*, Ohio U., *Geomorphology and Quaternary Geologic Mapping: An Example from the Weber River Delta of Lake Bonneville, Utah.*
- Theresa M. Lenon\*, U. of Wisconsin Eau Claire; Michael Molnar\*, U. of Wisconsin Eau Claire; Susan R. Johnson, U. of Wisconsin Eau Claire; Harry M. Jol, U. of Wisconsin Eau Claire; Walter L. Loope, United States Geological Survey; Henry M. Loope, U. of Toledo; T. G. Fisher, U. of Toledo, *Ground Penetrating Radar Investigations of the Tahquamenon River Basin, Michigan: Preliminary Results.*
- Eric Lutz\*, Department of Earth Sciences, Montana State U., Bozeman, Montana, USA; Karl W. Birkeland, USDA Forest Service National Avalanche Center, Bozeman, Montana, USA; Kalle Kronholm, International Centre for Geohazards, Norwegian Geotechnical Institute, Oslo, Norway; Martin Schneebeli, Swiss Federal Institute for Snow and Avalanche Research, Davos, Switzerland; Katherine J. Hansen, Department of Earth Sciences, Montana State U., Bozeman, Montana, USA; Richard Aspinall, Department of Geography, Arizona State U., Tempe, Arizona, USA, *Avalanche formation: associations between shear strength of a buried surface hoar layer and snowpack stratigraphy and slope topography.*

**4228. Wilderness and Native Species***Room:* Parlor A (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Aaron Moody, Univ of North Carolina

**10:00** Terri Thomas\*, Southern Illinois U., *Preserving Wilderness Area Character in Southern Illinois: Learning from the Past, Looking to the Future.***10:20** Julie P. Tuttle\*, U. of North Carolina at Chapel Hill; Elizabeth R. Kramer, Ph.D., U. of Georgia; Matthew Elliott, Georgia Department of Natural Resources, *Georgia presettlement forest composition and species-environment relationships.***10:40** Gordon Robertson\*, U. of Wisconsin - Madison, *Vegetation History Perceptions in Western Scotland.***11:00** Eric J. Larsen\*, U. of Wisconsin - Stevens Point; Peter Moore, Department of Conservation, New Zealand, *The Status of the Southern Royal Albatross (*Diomedea epomophora*) on Campbell Island, New Zealand.***11:20** Aaron Moody\*, Univ of North Carolina, *Where the wild things are: Multi-scale analysis of vulnerable species congruence in the U.S..***4229. The Place and Politics of the Creative Class (Sponsored by Economic Geography Specialty Group)***Room:* Parlor B (Panel Session)

ORGANIZER(S): Amy Glasmeier, Pennsylvania State U.

CHAIR(S): Amy Glasmeier, Pennsylvania State U.

Introducer: Amy Glasmeier

**10:10** Ann Markusen, U. of Minnesota

Discussant(s): William B. Beyers, U. of Washington

**4230. The Value of Student Field Experiences: Multiple Foci, Multiple Examples***Room:* Parlor C (Paper Session)**10:00** John P Smith, BA(Hons) PhD\*, U. of Wolverhampton; Lynn Besenyei, Dr, U. of Wolverhampton; Ken Oliver, U. of Wolverhampton; Christopher Young, Dr, U. of Wolverhampton, *The Sequencing of Skills Development in Fieldwork Practice within the Geographic Curriculum.***10:19** Klaus J. Bayr\*, Keene State College; Stephanie L. Derrick, Keene State College, *Snow Measurements in the Keene, New Hampshire Area.***10:38** Derek France\*, U. of Chester; Ian Fuller, Massey U., New Zealand, *International Perspectives on Student Perception and Value of Fieldwork.***10:57** Matthew Bates\*, Applied Sciences, U. of Wolverhampton, *The value of a field-based internship for skills development within the geographic and environmental science HE curriculum..***11:16** Brian A. Shiplee\*, U. of Wolverhampton; Albert L. Rydant\*, Keene State College; Bryon D. Middlekauff\*, Plymouth State College, *Field Work Skills as Applied to International Geographic Fieldwork..*

**4231. Communication and the Construction of Community (Sponsored by Communication Geography Specialty Group)***Room: Parlor D (Paper Session)*

ORGANIZER(S): Prof. Paul C. Adams, U. of Texas at Austin

CHAIR(S): Melanie McCalmont, U. of Wisconsin-Madison

**10:00** Melanie McCalmont\*, U. of Wisconsin-Madison, *Science for the People: A Retrospective.***10:20** Jonathan M. Smith\*, Texas A&M, *The Geography of Delight: Cultural Practices and Intergenerational Communication.***10:40** Michael R. Curry\*, U. of California, Los Angeles; Leah A Lievrouw, U. of California, Los Angeles, *Rethinking anonymity: New media and the ecology of attention and forgetting.***11:00** Thomas A. Wikle\*, Oklahoma State; Jonathan C. Comer, Oklahoma State U., *International Diffusion of the Cellular Telephone.***11:20** James Tedrick\*, U. of Minnesota, Twin Cities, *Municipal Wireless Implementation: Chaska and Moorhead, MN.***4232. Geographic Research at USGS II: Land Change***Room: Parlor E (Paper Session)*

ORGANIZER(S): Gerard McMahon, United States Geological Survey

CHAIR(S): Gerard McMahon, United States Geological Survey

**10:00** Dale Robertson\*, United States Geological Survey, *A regional classification scheme for estimating reference water quality in streams using land-use-adjusted spatial regression-tree analysis.***10:20** Peter R. Claggett\*, United States Geological Survey; Raymond D. Watts, United States Geological Survey, *Developing a National Land Use and Land Cover Change Modeling System.***10:40** William J. Wolfe, Ph.D.\*, United States Geological Survey, *Ecological Effects of Climate Change in a Tennessee Oak Swamp.***11:00** Douglas M. Muchoney, Ph.D.\*, United States Geological Survey, *The Global Integrated Trends Analysis Network.***11:20** Sarah L. Shafer\*, U.S. Geological Survey; Patrick J. Bartlein, Univ. of Oregon, *Simulated Future Climate Change Impacts on Ecosystems in the Western United States.***4234. J. Warren Nystrom Award Session***Room: Parlor G (Paper Session)*

ORGANIZER(S): Richard D. Wright, San Diego State U.

CHAIR(S): Richard D. Wright, San Diego State U.

**10:00** Kim Diver, Ph.D.\*, Denison U., *The role of island density in island biogeography: a conceptual framework and GIS application.***10:20** Corene J. Matyas, Ph.D.\*, U. of Florida, *Quantifying the Shapes of U.S. Landfalling Tropical Cyclone Rain Shields.***10:40** Jacob Napieralski, Ph.D.\*, U. of Michigan- Dearborn, *Enhancing reconstructions of the Scandinavian Ice Sheet using GIS.***11:00** Matthew C. Peros\*, U. of Ottawa; Anthony M. Davis, U. of Toronto, *Middle to late Holocene environmental change and archaeology on the north coast of central Cuba.***11:20** Amy Trauger\*, Penn State U., *Space, Networks and Agency: Socio-spatial Relations in a Social Movement.*

- 4235. One Foot In II: Geographers Working in Other Disciplines: Multiple Interdisciplinarity (Sponsored by Geographic Perspectives on Women Specialty Group, Socialist and Critical Geography Specialty Group, Sexuality and Space Specialty Group)**  
*Room: Parlor H (Panel Session)*  
 ORGANIZER(S): Laura Y. Liu, New School U.; Rebecca Dolhinow, California State U. Fullerton  
 CHAIR(S): Rebecca Dolhinow, California State U. Fullerton  
 Introducer: Laura Y. Liu  
 Panelists: Wei Li, Arizona State U.; Margaret Anne Hudson, U. of Texas-Arlington; Dr. Pamela Wridt, U. of Colorado; Wendy Cheng, U. of Southern California; Yvonne Underhill-Sem, Centre for Development Studies; Col. Minelle Mahtani
- 4237. Remote Sensing and GIS for Urban Analysis II (Sponsored by Urban Geography Specialty Group, Geographic Information Science and Systems Specialty Group, Remote Sensing Specialty Group)**  
*Room: Dearborn 1 (Paper Session)*  
 ORGANIZER(S): Xiaojun Yang, Florida State U.; Victor Mesev, Florida State U.  
 CHAIR(S): Changshan Wu, U. of Wisconsin, Milwaukee  
**10:00** Rama Mohapatra\*, Changshan Wu, *Impervious surface estimation with IKONOS image: an artificial neural network approach.*  
**10:20** Fei Yuan\*, Minnesota State U., Mankato, *Mapping Impervious Surface Area Using High Resolution Imagery.*  
**10:40** Changshan Wu\*, U. of Wisconsin, Milwaukee; Fei Yuan, Minnesota State U., *Seasonal sensitivity Analysis of Impervious Surface Estimation with Satellite Imagery.*
- 4238. New Voices in Rural Geography II (Sponsored by Rural Geography Specialty Group)**  
*Room: Dearborn 2 (Paper Session)*  
 ORGANIZER(S): Peter B. Nelson, Middlebury College; Randall K. Wilson, Gettysburg College  
 CHAIR(S): Randall K. Wilson, Gettysburg College  
**10:00** John A. Gallo, Doctoral Candidate\*, Department of Geography, U. of California, Santa Barbara, *Reconnecting Society and Nature: Participatory GIS, Conservation Planning and Implementation.*  
**10:20** Jeff Onsted\*, UCSB, *Effectiveness of a Differential Tax Assessment Program for Farmland Conservation in Tulare County, California.*  
**10:40** Bruce A Scholten, MA\*, U. of Durham, *"Farmers' market movements in the US & UK: Seattle & Newcastle consumer perspectives on rural spaces in urban places".*  
**11:00** Andrew W. Howard, BA\*, *Consuming Rurality: Wine Production and Landscape in Walla Walla, Washington.*



- 4239. Social (re)production and households V: Why re/engaging now? (Sponsored by Geographic Perspectives on Women Specialty Group)**  
*Room: Dearborn 3 (Panel Session)*  
 ORGANIZER(S): Marianna Pavlovskaya, Hunter College  
 CHAIR(S): Marianna Pavlovskaya, Hunter College  
 Introducer: Marianna Pavlovskaya  
 Panelists: Altha J. Cravey, U. of North Carolina; Sallie A. Marston, U. of Arizona; Isabella Bakker, York U.; Ann Oberhauser, West Virginia U.
- 4241. Tourism and Development II**  
*Room: Clark 1 (Paper Session)*  
 ORGANIZER(S): Abigail Foulds, U. of Kentucky; Jacqueline Salmond, U. of Kentucky  
 CHAIR(S): Abigail Foulds, U. of Kentucky  
**10:00** Jill E. Sherman\*, Frontier Education Center and UNC-Chapel Hill, *Impact of seasonal populations on health- and related public services in frontier communities.*  
**10:20** Geoffrey Wall\*, U. of Waterloo, *Tourism and Development: Insights from Hainan, China.*  
**10:40** Judie Cukier, professor\*, U. of Waterloo, *Artisans in Cuba: the growth of an entrepreneurial class.*  
**11:00** Abigail Foulds\*, U. of Kentucky, *Harbingers of Modernization: Entrepreneurial Expatriates in (Tourism) Development in Granada, Nicaragua.*  
**11:20** Ann Laudati\*, U. of Oregon, *Raising the Fort(?): Conservation and Communities in Bwindi Impenetrable National Park, Uganda.*
- 4243. Environmental conservation and governance: The changing role of the state in Latin America and the Caribbean (Sponsored by Cultural and Political Ecology Specialty Group, Latin America Specialty Group)**  
*Room: Clark 3 (Panel Session)*  
 ORGANIZER(S): Karl Zimmerer, U. of Wisconsin-Madison  
 Panelists: Jennifer Lipton, U. of Texas, Austin; Karl Zimmerer, U. of Wisconsin-Madison; Mr. Ryan Galt; Alberto Vargas, U. of Wisconsin - Madison; Catherine Tucker, Indiana U.
- 4245. Relationality and the Space Economy II (Sponsored by Economic Geography Specialty Group)**  
*Room: Clark 5 (Paper Session)*  
 ORGANIZER(S): Andrew Jones, Birkbeck, U. of London  
**10:00** Andrew Jones\*, Birkbeck, U. of London, *Beyond Embeddedness: Spatiality, Relationality and the Lost Contexts of Transnational Business Activity.*  
**10:20** John R. Allen, Prof\*, Open U., *Topologies of Power: Relational Constructions of Economic Space.*  
**10:40** James T. Murphy\*, Clark U., *Building trust in economic space: A relational perspective on collaboration.*  
**11:00** Andrew Wood\*, U. of Oklahoma; Bodo Kubartz, U. of Oklahoma; Gavin Bridge, U. of Manchester, *Missing Links? Evaluating Relational Approaches to Understanding the Global Oil Industry.*

- 4246. Geography Student Organizations: Building community and empowering students**  
**Room:** Clark 7 (Panel Session)  
 ORGANIZER(S): Ms. Mikaila Bell, U. of Miami  
 CHAIR(S): Ms. Mikaila Bell, U. of Miami
- 4248. Political and Economic Aspects of Transnationalism and Transnational Networks**  
**Room:** Clark 9 (Paper Session)  
 ORGANIZER(S): Program Committee  
 CHAIR(S): Katherine Nashleanas, U. of Nebraska  
**10:00** Joseph Lewis\*, Ohio State U., *Reasserting the Relevance of Borders: Why Globalization Cannot Erase Disputed Borders.*  
**10:20** Dirk Vanheule\*, U. of Antwerp; Frank Witlox, Ghent U., *Asylum legislation and applications: a geographical analysis of Belgian asylum policy with regard to countries of origin (1992-2003).*  
**10:40** Unna I. Lassiter\*, Stephen F. Austin State U., *National Imaginary and Privileged Migration: the political mobilization of Iranian-American expatriates.*  
**11:00** Kristofer A Erickson, PhC\*, U. of Washington, *Networks, Netwars or Net wares? Situating online resistance to neoliberal globalization.*  
**11:20** Katherine Nashleanas, Ph.D.\*, U. of Nebraska, *Invisible Ethnicities as Transnational Actors: A Metageographic Model.*
- 4249. Critical Geographies of Telemedicine and Health (Sponsored by Socialist and Critical Geography Specialty Group, Medical Geography Specialty Group, Geographic Information Science and Systems Specialty Group)**  
**Room:** Clark 10 (Paper Session)  
 ORGANIZER(S): Melissa R. Gilbert, Temple U.; Michele Masucci, Temple U.  
 CHAIR(S): Melissa R. Gilbert, Temple U.  
**10:00** Susan Halford\*, U. of Southampton, UK; Kari Dyb, Norwegian Centre for Telemedicine, *Spatial and Technological Rhetorics in Telemedicine: new technologies in everyday practice.*  
**10:20** Ann Therese Lotherington\*, Norut Social Science Research Ltd; Aud Obstfelder, Norwegian Center for Telemedicine, *Contests in virtual space: Power and resistance in electronic booking.*  
**10:40** Michele Masucci\*, Temple U., *A Geographical Analysis of the Use of a Telemedicine System.*  
**11:00** Melissa R. Gilbert\*, Temple U., *Overcoming Health Care Inequalities? Provider Perspectives on the use of a Telemedicine System.*
- 4250. Linking Social and Ecological Systems II: Governance and Tenure (Sponsored by Spatial Analysis and Modeling Specialty Group, Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group)**  
**Room:** LaSalle 1 (Paper Session)  
 ORGANIZER(S): Jane Southworth, U. of Florida; Harini Nagendra, Indiana U. - CIPEC  
 CHAIR(S): Dr. Perz Stephen, U. of Florida  
**10:00** Brian A Child\*, U. of Florida, *Governance and the Transformability of Socio-Ecological Systems in Southern Africa.*

- 10:20 Tadesse Kidane-Mariam\*, Edinboro U. of Pennsylvania; Tadesse Kidane-Mariam, Ph.D, Edinboro U. of Pennsylvania, department of Geosciences, PA, 16444, *The World Bank and Africa: Changing Paradigms and strategies of environmental and Habitat Management.*
- 10:40 Martha E. Geores, Professor\*, U. of Maryland, *Social Theory Takes a Walk in the Forest.*
- 11:00 Shanon P Donnelly\*, Indiana U., *Islands of cooperation: legal structure and land cover in intentional communities in the Midwest United States.*
- 11:20 Jeffrey B Luzar, PhD student\*, ; School of Natural Resources and the Environment, Working Forest in the Tropics Program, U. of Florida; Grenville Barnes, Associate Professor, School of Forest Resources and Conservation, U. of Florida; F. Kennedy Souza, Graduate Student, Center for Latin American Studies, University of Florida; Federal U. of Acre, *Land Tenure and Land Use in the Trans-Oceanic Highway Corridor of the Southwestern Brazilian Amazon: Striking a Balance between Economic, Environmental and Social Policy Imperatives.*

**4251. Folk geographies II: land, life, lore (Sponsored by Qualitative Research Specialty Group, Cultural Geography Specialty Group)**

Room: LaSalle 2 (Paper Session)

ORGANIZER(S): Hayden Lorimer; Dydia DeLyser, Louisiana State U.

CHAIR(S): Dydia DeLyser, Louisiana State U.

- 10:00 Jeffrey S. Smith\*, Kansas State U., *The Significance of Penitente Moradas in Folk Geography.*
- 10:20 Caitlin O. Desilvey\*, Open U., *Folk artfulness: memory performed?.*
- 10:40 Hayden Lorimer\*, U. of Glasgow, *Hinterland - Family Life at Whitewell.*
- 11:00 Dana Hercebergs\*, U. of Pennsylvania, *Landscapes of Play in Israel/Palestine: What games can tell us about regional identity.*
- Discussant(s): Dr. Philip Crang, Royal Holloway, U. of London

**4252. Paleocology**

Room: LaSalle 3 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Lawrence Kiage, LSU

- 10:00 Kenneth Cannon\*, U. of Nebraska-Lincoln, *Biogeography of Bison in the Greater Yellowstone Ecosystem.*
- 10:20 David Beilman\*, U. of California - Los Angeles; Glen MacDonald, University of California, Los Angeles, *Connections between millennial-scale climate variation and Holocene peatland succession and development, West Siberia, Russia.*
- 10:40 Jesse L. Morris\*, U. of Utah; Andrea R. Brunelle, PhD, U. of Utah, *Climate Dynamics, Spruce Bark Beetle and Forest Disturbance Regimes in Central Utah, USA.*
- 11:00 Liam Michael Reidy\*, U. of California, Berkeley; Roger A Byrne\*, U. of California, Berkeley, *Bolinas Lagoon, Marin County, California: A lagoon for how much longer?.*
- 11:20 Lawrence M. Kiage, PhD (ABD)\*, LSU; Kam-biu Liu, PhD, Louisiana State U., *Palynological and stratigraphical evidence of Late Holocene vegetation change and land degradation in the Lake Baringo Ecosystem, Kenya, East Africa..*

**4253. War, Citizenship, Territory - Panel Discussion***Room:* LaSalle 4 (Panel Session)

ORGANIZER(S): Deborah Cowen, York U.; Emily Gilbert, U. of Toronto

CHAIR(S): Emily Gilbert, U. of Toronto

Panelists: Matthew Farish, Department of Geography, Memorial U.; Carolyn Gallaher, American U.; Merje Kuus, U. of British Columbia; Tamar Mayer, Middlebury College

**4254. State and Territory: An Anglo-French Conversation II (Sponsored by Political Geography Specialty Group)***Room:* LaSalle 5 (Paper Session)

ORGANIZER(S): Kevin R. Cox, Ohio State U.

CHAIR(S): Kevin R. Cox, Ohio State U.

**10:00** Gordon MacLeod\*, U. of Durham; Martin Jones, U. of Wales, Aberystwyth, *Excavating Britain's Asymmetrical Devolution: Territory, Government, and the English Question.***10:20** Frederic GIRAUT\*, Université Joseph Fourier; UMR PACTE/Territoires, *What is politically at stake in territorial complexity?.***10:40** Kevin R. Cox\*, Ohio State U., *State Territorial Fixes and their Hybrid Nature.***11:00** Bernard Pecqueur\*, Université Joseph Fourier, UMR PACTE/Territoires, *Territorial Dynamics: The Challenge of Globalization and a New Model of Development.*

Discussant(s): Ron J. Johnston, U. of Bristol

**4256. Urban Transport in the Age of Sprawl: Part 1 (Sponsored by Transportation Geography Specialty Group)***Room:* Sandburg 2 (Paper Session)

ORGANIZER(S): Joe Weber, U. of Alabama; Selima Sultana, U. of North Carolina-Greensboro

CHAIR(S): Selima Sultana, U. of North Carolina-Greensboro

**10:00** Joe Weber\*, U. of Alabama; Selima Sultana, U. of North Carolina-Greensboro, *Urban Sprawl and Employment Accessibility in the Metropolitan South.***10:20** Donggen Wang, Associate Professor, Department of Geography, Hong Kong Baptist U.; Miu Ling Yip\*, MPhil Candidate, Department of Geography, Hong Kong Baptist U., *Effects of Urban Decentralization on commuting pattern changes: The case of Hong Kong.***10:40** Eric Boschmann\*, Ohio State U., *Rethinking Spatial Mismatch?: A case for reconceptualizing the hypothesis in the age of sprawl.***11:00** Barry Wellar, PhD, MCIP\*, U. of Ottawa, *Transportation Agency Conflicts as a Factor Contributing to Urban Sprawl.***4257. The Changing China II: New Evidence of Industrialization (Sponsored by China Specialty Group)***Room:* Sandburg 3 (Paper Session)

ORGANIZER(S): Shuguang Wang, Ryerson U.; George Lin, U. of Hong Kong

CHAIR(S): Stanley Toops, Miami U.

**10:00** Ingo M Liefner\*, U. of Hannover, Germany, *Development of High-tech Enterprises in Shanghai: The Role of External Cooperation and Knowledge Transfer.*

**10:20** Weidong Liu\*, Chinese Academy of Sciences, *The Changing Geography of the Automobile Industry in China.*

**10:40** Stanley Toops\*, Miami U., *Xinjiang's Industrial Development and the Production Construction Corps.*

**11:00** Baoling Wang\*, UBC, *Canadian Firms in China: Challenges and Opportunities.*

**11:20** Yu WU\*, Hong Kong U.; Nianru HE, Fudan U., *The changing role of Development Zones in China.*

**4258. Geographic Profiling, Forensic Investigation and Crime Mapping II (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group, Cartography Specialty Group)**

*Room:* Sandburg 4 (Paper Session)

ORGANIZER(S): Gregory A. Elmes, West Virginia U.; Michael Leitner, Louisiana State U.

CHAIR(S): Ge Lin, West Virginia U.

Introducer: Gregory A. Elmes

**10:10** Derek J Paulsen, Ph.D\*, Eastern Kentucky U., *Using spatial diagnostics to improve geographic profiling results.*

**10:30** Xiannian Chen\*, West Virginia U., *Spatial crime analysis in Topeka, Kansas.*

Discussant(s): Michael Leitner, Louisiana State U.; Ge Lin, West Virginia U.

**4259. Global Mobilities and the Knowledge Society (Sponsored by Economic Geography Specialty Group, Cultural Geography Specialty Group)**

*Room:* Sandburg 5 (Paper Session)

ORGANIZER(S): Heike Joens, U. of Nottingham; Michael Hoyler, Loughborough U.

CHAIR(S): Michael Hoyler, Loughborough U.

**10:00** Jonathan Beaverstock, Professor\*, Loughborough U., UK; James Faulconbridge, Dr, Lancaster U., UK, *Conceptualising business travel in the professional service economy.*

**10:20** Jana Freihoefer\*, *Career mobility within the United Nations Organization. A case study of international civil servants from Germany, 1973-2003.*

**10:40** Julia Maintz\*, U. of Bonn, *The Constitution of Placeness in e-Learning Interactions. An Actor Network Study.*

**11:00** Heike Joens\*, U. of Nottingham, *Geographies of academic travel and the formation of centres of knowledge.*

**11:20** Henrik Mattsson\*, *How does knowledge production take place?: On locating and mapping science and similar unruly activities. .*

**4260. Cities and Urban Regions in Developing Areas II: Africa (Sponsored by Africa Specialty Group, Urban Geography Specialty Group, Developing Areas Specialty Group)**

*Room:* Sandburg 6 (Paper Session)

ORGANIZER(S): Betty Elaine Smith, Eastern Illinois U.; Joel Outtes, UFRGS-Univ Fed Rio Gde Do Sul

CHAIR(S): Betty Elaine Smith, Eastern Illinois U.

**10:00** Jennifer Houghton\*, U. of KwaZulu-Natal, *Negotiating the global and the local: Development through public private partnerships in Durban, South Africa.*

**10:15** Abigail H. Neely\*, U. of Wisconsin - Madison, *Recreating the Urban-Wildland Interface in post-Apartheid South Africa: the 2000 Fires on the Cape Peninsula.*

**10:30** Belinda Dodson\*, U. of Western Ontario; Krista McMullen, U. of Western Ontario; Janet Roukema, U. of Western Ontario, *Urban Environmental Governance in Msunduzi, South Africa: Getting from Policy to Practice.*

**10:45** Cristina Scarpocchi\*, *Actors interactions and conflicts dynamics in the patrimonialization process of Islamic Cairo..*

Discussant(s): Godson C. Obia, Eastern Illinois U.

**4261. Rights, Reform and Resources I: Land and the Politics of Indigenous Identity in Latin America (Sponsored by Cultural and Political Ecology Specialty Group, Cultural Geography Specialty Group, Indigenous Peoples Specialty Group)**

Room: Sandburg 7 (Paper Session)

ORGANIZER(S): Joseph H. Bryan, UC Berkeley; Bjorn Sletto, Cornell U.

CHAIR(S): Joseph H. Bryan, UC Berkeley

**10:00** Joseph H. Bryan, Ph.D. Candidate\*, UC Berkeley, *Refracted frontiers: community, property and the politics of identity in eastern Nicaragua.*

**10:20** Kathryn Tomlinson\*, U. of Sussex, *Indigenous Rights and Control of Land and Natural Resources: The Venezuelan Power Line Conflict and its Aftermath.*

**10:40** Joel D Wainwright\*, The Ohio State U., *Postcolonial reflections on the Maya land rights movement in Belize.*

Introducer: Joseph H. Bryan

Discussant(s): Thomas A. Perreault, Syracuse U.

**4262. Space, Place and Everyday (Sponsored by Population Specialty Group, Political Geography Specialty Group, Asian Geography Specialty Group)**

Room: Sandburg 8 (Paper Session)

ORGANIZER(S): Sutapa Chattopadhyay, Kent State U.

CHAIR(S): James A. Tyner, Kent State U.

**10:00** Mary Swalligan\*, Kent State U., *Examining the Geo-Political Development of Extremism in Chechnya after the fall of the Soviet Union.*

**10:20** Stacey Wicker\*, Kent State U., *Heterotopic Visions: Edward Abbey's Desert Solitaire.*

**10:40** Sutapa Chattopadhyay\*, Kent State U., *Narrating the place, space and everyday of the tribals in the Sardar Sarovar, India.*

Discussant(s): Mona Domosh, Dartmouth College

**4263. Indigenous Peoples and the Colonial Impact in the Americas**

Room: Montrose 1 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Dr. Walli Ann Wisniewski, Warren Wilson College

**10:00** Consuelo Guayara\*, U. of Iowa, *National and International Geographical Imaginaries of the Amazon: Colonial, Modern and Postmodern Narratives.*

**10:20** Thomas M. Whitmore\*, U. of North Carolina at Chapel Hill; Steven Wernke, Vanderbilt U., *Agricultural Land Holdings and Labor Demands in late Sixteenth Century and early Seventeenth Century Highland Peru.*

**10:40** Carrie Gray-Wood, Graduate Student (MS)\*, South Dakota State U., *From Woodlands to Plains: the Cultural Adaptation of the Sioux.*

**11:00** Walli Ann Wisniewski, Ph.D.\*, Warren Wilson College, *The Geographic Mobility of the Spanish Language in Latin America.*

**4264. Water Resource Planning***Room:* Montrose 2 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Elizabeth A. Wentz, Arizona State U.

**10:00** Georgios Kallis\*, Visiting Post-Doc Fellow, ERG, U. of California, Berkeley; Nuno Videira, New U. of Lisbon; Paula Antunes, New U. of Lisbon; Ângela Guimarães Pereira, JRC-Ispra; Clive Spash, The Macaulay Institute; Harry Coccossis, U. of Thessaly; Serafin Corral Quintana, U. of La Laguna; Leandro del Moral, U. of Seville; Dionyssia Hatzilacou, independent consultant; Goncalo Lobo, New U. of Lisbon; Alexandra Mexa, U. of the Aegean; Pillar Paneque, Universidad Pablo de Olavide; Belen Pedregal, U. of Seville; Rui Santos, New U. of Lisbon, *Participatory Methods for Water Resources Planning*.

**10:20** Ali Demirci, Fatih U.; Anya Butt\*, Central College, *A sellers's market? - Surveying independent water sellers in Istanbul*.

**10:40** Emma S. Norman\*, U. of British Columbia; Karen Bakker, PhD, U. of British Columbia, *Transgressing scales: Water governance across the Canada-US borderlands*.

**11:00** Elizabeth A. Wentz\*, Arizona State U.; Patricia Gober, Arizona State U., *Factors influencing small-area water demand in Phoenix, Arizona*.

**4265. Best Teaching Practices: Three Panel Sessions #2: Cultural/Human (Sponsored by Community College Affinity Group, Geography Education Specialty Group)***Room:* Montrose 3 (Panel Session)

ORGANIZER(S): Bruce L. Seivertson, Imperial Valley College

CHAIR(S): Bruce L. Seivertson, Imperial Valley College

Panelists: Bruce L. Seivertson, Imperial Valley College; James W. Fonseca, Ohio U.-Zanesville; Jodi C. Vender, Pennsylvania State Univ; Julie Smith, Portland State U.; Ibipo Johnston-Anumonwo, SUNY Cortland; Niem Tu Huynh; Jeffrey W. Lash, U. of Houston Clear Lake; Kerry Lyste, Everett Community College; Patrick May, Plymouth State U.

**4269. Landscape Ecology 2: Landscape Pattern and Process Interactions (Sponsored by Biogeography Specialty Group)***Room:* Montrose 7 (Paper Session)

ORGANIZER(S): David Cairns, Texas A&amp;M U.; John Kupfer, U. of South Carolina

CHAIR(S): John Kupfer, U. of South Carolina

**10:00** Kathleen A. Farley\*, The Nature Conservancy; Esteban G. Jobbágy, Universidad Nacional de San Luis/CONICET; Robert B. Jackson, Duke U., *Changes in stream flow following the conversion of grasslands to tree plantations: the effect of vegetation pattern on hydrologic process*.

**10:20** David M Cairns\*, Texas A & M U.; John D. Waldron, U. of West Florida; Charles W Lafon, Texas A & M U.; Maria D. Tchakerian, Texas A & M U.; Robert N Coulson, Texas A & M U.; Kier D Klepzig, U.S. Forest Service, *Interaction of landscape structure and function in southern pine beetle outbreaks*.

**10:40** Lina Cao\*, Department of Geography, U. of Utah; Tom Cova, Department of Geography, U. of Utah; Denise Dearing, Department of Biology, U. of Utah; Christy Turnbull, Department of Biology, U. of Utah; Erin M. Lehmer, Department of Biology, U. of Utah, *The Effect of Anthropogenic Habitat Disturbance on Deer Mouse Movement*.

11:00 Mary Ann Cunningham\*, Vassar College, *The Importance of Landscape Matrix and the Problem of Area Sensitivity*.

11:20 Nancy Hoalst Pullen\*, INSTAAR, U. of Colorado; David M Mixon, INSTAAR, U. of Colorado, *How Representative are Plot Scale Studies? Examining Landscape Complexities in the Tropics*.

**4270. Biosecurity II: Re-ordering the Geographies of Living and Disease**

Room: *Burnham 1* (Paper Session)

ORGANIZER(S): Stephen Hinchliffe, Open U.; Gareth Enticott, Cardiff U.

CHAIR(S): Dr. Nick Bingham, Open U.

10:00 Gareth Enticott\*, Cardiff U., *Contesting Biosecurity: Natural Agents and Material Infrastructures in the Bovine Tuberculosis Controversy*.

10:20 Henry Buller\*, U. of Exeter, UK, *Biosecurity, Biodiversity and the Wolf in the French Alpes*.

10:40 Andrew Donaldson\*, Centre for Rural Economy, U. of Newcastle upon Tyne, *Biosecurity and the ordering of society and space*.

11:00 Emma Roe\*, Cardiff U.; Adrian Evans, Cardiff U., *Animal welfare: a form of biosecurity?*.

Discussant(s): Dr. Beth Greenhough

**4271. Post-socialism VII: Changing environmental management practices (Sponsored by Cultural and Political Ecology Specialty Group, Russian, Central Eurasian, and East European Specialty Group)**

Room: *Burnham 2* (Paper Session)

ORGANIZER(S): Marianna Pavlovskaya, Hunter College

CHAIR(S): Chad Staddon, U. of the West of England

10:00 Philip Micklin\*, Western Michigan U.; Nicholas Aladin, Dr., Institute of Zoology, Russian Academy of Sciences, St. Petersburg, Russia, *Report on an Expedition to the Aral Sea*.

10:20 Nathaniel S. Trumbull\*, U. of Washington, *Water Resources Planning in the Urban Environment of the Transition Economies*.

10:40 Gregory N Taff\*, Univ of North Carolina, *Landcover Changes in Gauja National Park, Latvia: Effects on the Preservation of Biodiversity and the Cultural Landscape*.

11:00 Craig ZumBrunnen\*, U. of Washington, *Russia's Role in Collaboration on Climate, Carbon Credits, and Kyoto*.

Discussant(s): Prof. Michael Bradshaw, U. of Leicester

**4273. Green Visions Plan for 21st Century**

Room: *Burnham 4* (Paper Session)

ORGANIZER(S): John P. Wilson, U. of Southern California

CHAIR(S): John P. Wilson, U. of Southern California

10:00 Mona Seymour\*, U. of Southern California; Jason Byrne, U. of Southern California; Diego Martino, Ph.D., U. of Southern California; Jennifer Wolch, Ph.D., U. of Southern California, *Wildlife-User Conflicts in Urban Parks*.

10:20 Chona E. Sister\*, Univ. of Southern California, *Parks and Open Space Resources in Southern California*.



- 10:40** Jingfen Sheng\*, Department of Geography, U. of Southern California; Ning Chen, Department of Geography, U. of Southern California; Jaime Sayre, Department of Geography, U. of Southern California; John P. Wilson, Department of Geography, U. of Southern California; Joseph Deviny, Department of Civil Engineering, U. of Southern California, *Use of the National Hydrography Dataset (NHD) to Support Regional Watershed Assessments in Urban Landscapes*.
- 11:00** Jaime M Sayre\*, U. of Southern California; Jingfen Sheng, U. of Southern California; John P Wilson, U. of Southern California; Joseph S Deviny, U. of Southern California, *Prospects for Stream and Watershed Restoration in Rapidly Urbanizing Landscapes*.
- 11:20** Christine Lam\*, U. of Southern California; Travis Longcore, PhD, U. of Southern California; Diego Martino, PhD, U. of Southern California, *The identification of habitat linkages for selected target species in the southern California urban matrix*.

**4274. Theatrical Geographies: Art, Space and Performance (Part II)**

*Room:* Burnham 5 (Paper Session)

ORGANIZER(S): Amanda Rogers; Dr. Philip Crang, Royal Holloway, U. of London

CHAIR(S): Amanda Rogers

- 10:00** Sonja Kuftinec, PhD\*, U. of Minnesota - Minneapolis, *Placing Performance in Mostar, Bosnia-Herzegovina—a geo-ethnography*.
- 10:20** Nina Jane Morris, Dr\*, U. of Edinburgh, *'Hearing the silence, seeing the darkness': unfolding the landscape of the Storr*.
- 10:40** Lance F. Howard\*, Clemson U., *Art as place realization: the work of Marko Pogacnik*.
- 11:00** Melinda Alexander\*, Arizona State U., *I'm Dead Serious: Andy Kaufman Lives Dot Com*.
- 11:20** Barrett David Huddleston, MA\*, U. of Minnesota, *Para-Healing: The Social Function of the Asclepian Temple in the Performance of Incubation Ritual*.

**12:00 p.m. – 1:40 p.m.****4301. Ethnic Geography Distinguished Scholar: Joe T. Darden***Room:* Salon 1 (Paper Session)

ORGANIZER(S): Carlos Teixeira, U. of British Columbia Okanagan; Wei Li, Arizona State U.

CHAIR(S): Carlos Teixeira, U. of British Columbia Okanagan

**12:00** Joe T. Darden\*, Michigan State U., *In Search of Racial Equality: An Urban Geographer's Perspective.*

Discussant(s): A. J. Jacobs, East Carolina U.; Annalie Campos, Michigan State U.; David J. Organ, Clark Atlanta U.

**4302. Geography of Germany (Sponsored by European Specialty Group, Population Specialty Group)***Room:* Salon 2 (Paper Session)

ORGANIZER(S): Thomas M. Kontuly, U. of Utah; Franz-Josef Kemper, Department of Geography, Humboldt-U. of Berlin

CHAIR(S): Thomas M. Kontuly, U. of Utah

Introducer: Thomas M. Kontuly

**12:01** Thomas M. Kontuly\*, U. of Utah, *Changing relationships between urban and rural places in Germany.***12:20** Franz-Josef Kemper\*, Department of Geography, Humboldt-U. of Berlin, *Demographic and socioeconomic changes in Berlin.***12:40** Gunter Thieme, Professor\*, U. of Cologne; Gunter Thieme, Professor, U. of Cologne, *Shrinking Cities in Germany - Demographic, socio-economic, and ethnic dimensions.***1:00** Hans D. Laux\*, U. of Bonn, *Naturalization of Foreigners in Germany: Opportunities and Obstacles.***1:20** Brad Dearden, Assistant Professor of Geography\*, U. of Maine at Farmington, *Declining Fertility and the Impact of the "Cohort Effect" on Internal Migration Trends in Western Germany, 1991-1997.***4303. Hurricanes III: Hurricanes and Societal Impacts (Sponsored by Climate Specialty Group, Hazards Specialty Group)***Room:* Salon 3 (Illustrated Paper Session)

ORGANIZER(S): Dr. Robert M. Schwartz, Arkansas Tech U.

CHAIR(S): Dr. Robert M. Schwartz, Arkansas Tech U.

Introducer: Dr. Robert M. Schwartz

**12:02** Tom W. Schmidlin\*, Kent State U., *Deaths from Hurricane Carol (1954) and Hurricane Diane (1955) in the Northeastern United States.***12:07** Tim G Frazier\*, Pennsylvania State U., *No Way Out: Assessing Evacuation Potential of Subdivisions Along the South Carolina Coast.***12:12** Winifred Ryan, Ph.D. \*, *Social Effects of Hurricane Isabel on an Educational Institution in the Mid-Atlantic.***12:17** Burrell E. Montz\*, Binghamton U.; Graham A. Tobin, U. of South Florida, *Understanding Vulnerability: The Importance of Scale in Evaluating Areas Affected by Hurricane Charley.*

- 12:22** Graham A. Tobin\*, U. of South Florida; Heather M Bell, U. of South Florida; Burrell E Montz, Binghamton U.; Mary Pat Everist, U. of South Florida; Ray Miller, U. of South Florida, *Understanding Vulnerability: Combining the HAZUS Hurricane Model with an Index of Social Vulnerability in Hurricane Charley.*
- 12:27** Robert M. Schwartz\*, Arkansas Tech U., *Examination of Response Issues with Hurricanes Charley and Ivan.*

**4304. Neighbourhoods as Meaningful Units of Analysis for Health (Sponsored by Medical Geography Specialty Group)**

*Room:* Salon 4 (Paper Session)

ORGANIZER(S): Kathleen J. Wilson, U. of Toronto at Mississauga

**12:00** Lisa N. Oliver, MA (Phd student)\*, Simon Fraser U.; Michael V Hayes, PhD, Simon Fraser U., *Health status and quality of life in contrasting suburban neighbourhoods in Greater Vancouver.*

**12:20** Michael D Buzzelli\*, The U. of British Columbia; K Bruce Newbold, McMaster U., *Immigrant rites of passage: Urban settlement, physical environmental quality and health in Vancouver.*

**12:40** Nairne Cameron\*, U. of Alberta; Nicole Freydberg, U. of Alberta; Julia Healy, U. of Alberta; Karen E. Smoyer-Tomic, U. of Alberta; Kim Raine, U. of Alberta; Vladimir Yasenovskiy, U. of Alberta; Leia Minaker, U. of Alberta; Nicoleta Cutumisu, U. of Alberta; John C. Spence, U. of Alberta; Carl Amrhein, U. of Alberta, *The Tale of Two Streets: A Comparative Study of Food Retail Environments in Edmonton.*

**1:00** Kathryn Wuschke\*, Simon Fraser U.; Scott Bell, U. of Saskatchewan; Calvin Wells, U. of Saskatchewan; Tiffany Blair, U. of Saskatchewan; Lesley McBain, U. of Saskatchewan; George Pylypchuk, U. of Saskatchewan, *Regional and Neighbourhood Variation in Cardiology Care in Saskatchewan, Canada.*

**4305. Economics, Environment and Changing Agricultural Policies**

*Room:* Salon 5 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Darcy L. Boellstorff, Bridgewater State College

**12:00** Adam V Diamond\*, Rutgers U., *Market Stimulation or Environmental Regulation: Contradictory Impulses Guiding Federal Organic Standards? .*

**12:20** Taro Futamura\*, U. of Kentucky, *Mapping Out Post-Tobacco Agricultural Restructuring and Construction of Food Localism in Kentucky.*

**12:40** Mary Dobbs\*, Emporia State U., *The Economic Effects of the Conservation Reserve Program .*

**1:00** Anouk Patel-Campillo\*, Cornell U., *From Production to Consumption: Regulation and Economic Agents in the Colombian Cut Flower Global Commodity Chain.*

**1:20** Darcy L. Boellstorff\*, Bridgewater State College; Gerardo Benito, Centro de Ciencias Medioambientales, CSIC, 28006 Madrid, *Impacts of set-aside policy on the risk of soil erosion in Central Spain.*

**4306. Disease Vectors III: West Nile Virus**

Room: Salon 6 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Elzbieta Bialkowska

12:00 Karl P. Malamud-Roam, Ph.D.\*, American Mosquito Control Association,  
*Miasma in the 21st Century: Wetlands, West Nile Virus, and Mosquitocides.*

12:20 Kevin P McKnight\*, Michigan State U., *Spatial Trends of West Nile Virus in Detroit, Michigan 2002.*

12:40 Stephen S Francis\*, U. of Nevad, Reno, *The Effects of Temperature, Humidity, Space and Time on West Nile Virus in Nevada.*

1:00 Esra Ozdenerol, PhD, U. of Memphis; Elzbieta Bialkowska, MS\*, U. of Memphis, *Identifying West Nile Virus Risk Areas in Shelby County, TN: GIS-Based Spatial Filtering Analysis.*

**4307. Gender Interventions in Research, Teaching, and/or Practice (Sponsored by Geographic Perspectives on Women Specialty Group)**

Room: Salon 7 (Panel Session)

ORGANIZER(S): Deborah Thien, U. of Northern BC

CHAIR(S): Deborah Thien, U. of Northern BC

Discussant(s): Dr. Helen C. Jarvis, U. of Newcastle Upon Tyne

Panelists: Deborah Thien, U. of Northern BC; Bettina Van Hoven, Rijksuniversiteit Gronigen/FRW; Liz Bondi; Avril Maddrell

**4308. Land Use Cover Change I**

Room: Salon 8 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Douglas R. Oetter, Georgia College & State U.

12:00 Mariela Soto\*, Arizona State U., *Land Use and Land Cover Change in Agricultural Lands of the Puerto Rico Karst.*

12:20 Daniel Curtis Nepstad\*, Woods Hole Research Center; Britaldo Soares-Filho, Universidade Federal de Minas Gerais; Oriana Almeida, Instituto de Pesquisa Ambiental da Amazonia; Frank Merry, Woods Hole Research Center; Paul Lefebvre, Woods Hole Research Center; Peter Schlesinger, Woods Hole Research Center; Maria del Carmen Vera Diaz, Boston U.; Robert Kaufmann, Boston U., *'Amazon Scenarios': modeling the interactions among ecosystems, economies, and climate.*

12:40 Eraldo A.T. Matricardi, PhD candidate\*, Michigan State U.; David L Skole, Professor, Michigan State U.; Mark A Cochrane, Professor, South Dakota State U.; Jiaguo Qi, Professor, Michigan State U.; Marcos A Pedlowski, Professor, Campos State U., Rio de Janeiro, Brazil, *Assessment of forest canopy disturbances by selective logging and fire using remotely sensed data in the Brazilian Amazon.*

1:00 Karl S. Zimmerer\*, U. of Wisconsin-Madison; Eric D. Carter\*, Millersville U. of Pennsylvania, *GIS analysis of land use and land cover in the irrigation management of indigenous and mestizo peasant farmers in a semi-arid, tropical mountain environment of Bolivia.*

1:20 Doug R. Oetter, Dr.\*, Georgia College & State U.; Mark Patterson, Dr., Kennesaw State U., *Remote Sensing of Large-Scale Forest Conversion in the BioBio River Basin, Chile.*

**4309. Faith-Based Responses to Disasters: Natural and Cultural (Sponsored by Geography of Religions and Belief Systems Specialty Group, Bible Geography Specialty Group)**

*Room:* Salon 9 (Panel Session)

ORGANIZER(S): William A. Dando, Indiana State U.

CHAIR(S): Jeanne Kay Guelke, U. of Waterloo

Panelists: Ghazi Falah, U. of Akron; Dr. Darrel L. McDonald, Stephen F Austin State U.; William A. Dando, Indiana State U.; Daanish Mustafa, U. of South Florida; Bruce R. Crew, Michigan State U.

**4310. The Performative and the Political- Session 1**

*Room:* Salon 10 (Paper Session)

ORGANIZER(S): Allan R. Pred, U. of California, Berkeley

CHAIR(S): Dr. Derek Gregory, U. of British Columbia

**12:00** David Pinder\*, Queen Mary, U of London, *You are watching me: street performance and the politics of surveillance.*

**12:20** Nick Brown\*, *Experiments in Place: Two Recent Projects in East-Central Illinois.*

**12:40** Shiloh R. Krupar\*, U. of California, Berkeley, *Alien Still Life: Rocky Flats Wilderness and Other Transnatural Mediums.*

**1:00** Allan R. Pred\*, U. of California, Berkeley, *Foot Jazz: or Urban Modernity Embodied- Josephine Baker in Stockholm, 1928.*

Discussant(s): Dr. Derek Gregory, U. of British Columbia

**4311. Dendrochronology VIII: Integrative Dendrochronology II (Sponsored by Biogeography Specialty Group)**

*Room:* Salon 11 (Paper Session)

ORGANIZER(S): James H. Speer, Indiana State U.; Dr. Karen Arabas, Willamette U.

CHAIR(S): Dr. Karen Arabas, Willamette U.

**12:00** Karen Arabas\*, Dept. of Environmental and Earth Sciences, Willamette U.; Bryan Black, Hatfield Marine Science Center, Oregon State U.; Jim Speer, Dept. of Geography, Geology, and Anthropology, Indiana State U.; Blake Amos, School of Renewable Natural Resources, Louisiana State U.; Posy Busby, Harvard Forest, Harvard U.; Jennifer Karpis, Dept. of Geography, Portland State U.; Leigh Lentile, Dept. of Forest Resources, U. of Idaho; Kathy Lewis, Forestry, U. of Northern British Columbia; Jodi Sparks, Dept. of Geography, Geology, and Anthropology, Indiana State U., *Disturbance History of a Mixed Conifer Stand, Ponderosa State Park, Central Idaho.*

**12:20** Rebecca L. Anderson\*, UC Berkeley, Geography Department; Roger Byrne, UC Berkeley, Geography Department; Todd Dawson, UC Berkeley, Department of Integrative Biology, *Stable isotope evidence for late Pleistocene climate on Santa Cruz Island, California.*

**12:40** David C LeBlanc, Ph.D\*, Ball State U., Department of Biology; Mark Terrell, EdD, The Ohio State U., Department of Anatomy, *Dendroecological analyses to evaluate the role of climate as a determiner of tree species geographic range limits.*

**1:00** Sean P Earles, Mr.\*, The U. of Western Ontario; Brian H Luckman, Dr., The U. of Western Ontario, *Benchmarking the climate signal from treeline white spruce (*Picea glauca*) sites in the Yukon Territory.*

Discussant(s): Dr. Karen Arabas, Willamette U.

**4312. Visualization I: Design and Representation (Sponsored by Cartography Specialty Group)***Room:* Salon 12 (Paper Session)ORGANIZER(S): Amy Lobben, U. of Oregon; Robert M. Edsall, Arizona State U.  
CHAIR(S): Amy Lobben, U. of Oregon**12:00** John M. Nelson\*, IDV Solutions, *Putting Usability on the Map.***12:20** Phoebe B. McNeally\*, U. of Utah; Harvey J. Miller, U. of Utah, *Holistic Geographical Visualization of Spatial Data with Applications in Avalanche Stability Modeling.***12:40** Robert J Liggio\*, U. of New Orleans; André Skupin, San Diego State U., *Labeling a Point Spatialization of Text Documents.***1:00** Marguerite Madden\*, Center for Remote Sensing and Mapping Science (CRMS), Dept. of Geography, U. of Georgia; Thomas Jordan, Center for Remote Sensing and Mapping Science, Dept. of Geography, U. of Georgia, *Geovisualization of Vegetation Patterns in National Parks.***1:20** Colleen M. Garrity\*, SUNY-Geneseo, *Visual exploration and assessment of filtering and spatial aggregation of climate division data.***4313. World Urbanism***Room:* Cresthill Room 11 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Darel E. Paul, Williams College

**12:00** Atle Hauge, Uppsala U.; Markus M. Bugge\*, Uppsala U., *The City as the New Firm - Altered Arenas for Individual Cultural Careers.***12:20** Ben Derudder\*, Ghent U., *The creation of fuzzy concepts in world city research.***12:40** Edward Ramsamy\*, Rutgers U., *Neo-Liberalism and the Urban Agenda of the World Bank.***1:00** Jan Vang\*, *innovation in asian sme's: an innovation system perspective.***1:20** Darel E. Paul\*, Williams College, *The new imperial geography of world cities.***4314. Ethics, Justice and Human Rights Plenary (Sponsored by Urban Geography Specialty Group, Ethics, Justice, and Human Rights Specialty Group)***Room:* Crystal Room (Paper Session)**12:00** Cindi Katz\*, CUNY Graduate Center, *Chicken Money Job Water: Katrina and the Scoured Landscape of Social Reproduction.***4315. Critical Encounters Between Governmentality Studies & Marxian Geography III (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group)***Room:* Private Dining Room 4 (Paper Session)

ORGANIZER(S): Reuben Skye Rose-Redwood, Pennsylvania State U.

CHAIR(S): Pablo Mendez, U. of British Columbia

Introducer: Pablo Mendez

**12:05** Hannes Gerhardt\*, U. of Arizona, *Empire in the popular imagination: an Agambian perspective.***12:25** Chris Blackden\*, U. of Kentucky, *The WTO as a Quasi-State.***12:45** Dominic Corva, Ph.C.\*, U. of Washington, *Neoliberal governmentality and the war on drugs.*

1:05 Priyanka Jain\*, U. of Kentucky, *Challenging the 'Public' of Public Space: Encountering the State in Central Vista, New Delhi.*

Discussant(s): Jeffrey Sasha Davis, U. of Vermont

**4316. Biodiversity**

Room: Private Dining Room 5 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Florencia Sangermano

12:00 Rebecca J. Rowe\*, Committee on Evolutionary Biology, The U. of Chicago, *Species richness patterns along elevational gradients: A comparative study for small mammals in Utah.*

12:20 Laura Rehmke Lewis, Ph.D. Candidate\*, U. of California - Davis, *Biogeography and genetic diversity of pearl millet (*Pennisetum glaucum*) from Africa.*

12:40 Surangi W. Punyasena, PhD candidate\*, U. of Chicago/Committee on Evolutionary Biology; Gidon Eshel, Assistant Professor, U. of Chicago/Geology; Jennifer C. McElwain, Associate Curator, Field Museum of Natural History/Geology, *The Ecological Preferences of South American Plant Families: Quantitative Inferences from Spatial Distributions.*

1:00 Scott H. Markwith\*, U. of Georgia, Department of Geography, *Assessment of range-wide potential for population restoration and conservation of genetic diversity in *Hymenocallis coronaria*.*

1:20 Florencia Sangermano\*, Graduate School of Geography- Clark U.; Ronald Eastman, Clark Labs - Clark U., *Use of Typicality Probabilities derived from Mahalanobis Distance for modeling species distribution.*

**4317. Aeolian Geomorphology III: Dunes (Sponsored by Geomorphology Specialty Group, Coastal and Marine Specialty Group)**

Room: Private Dining Room 6 (Paper Session)

ORGANIZER(S): Jean Taylor Ellis, Texas A&M U.; Deanna Van Dijk, Calvin College

CHAIR(S): Deanna Van Dijk, Calvin College

12:00 Harry M. Jol\*, U. of Wisconsin-Eau Claire; Sandy Vanderburgh, U. of College of the Fraser Valley; Derald G Smith, U. of Calgary; Curt D Peterson, Portland State U.; Karen G Havholm, U. of Wisconsin-Eau Claire; Jim B Phipps, Grays Harbor College, *Coastal Foredune Genesis and Growth: A Ground Penetrating Radar Perspective.*

12:20 Suzanne DeVries-Zimmerman\*, Hope College; Ryan Zietlow, Hope College; Edward C. Hansen, Dr., Hope College, *Seasonal Sand Deposition and Vegetation Patterns on a Large Parabolic Dune on The Southeastern Shore of LAke Michigan.*

12:40 Bradley R. Schrottenboer\*, Michigan State U.; Alan F. Arbogast, Michigan State U.; Tanya J. Cabala, Alliance for the Great Lakes; Duane Johnson, Ford Motor Company, *Locating Alternative Sand Sources for Michigan's Foundry Industry: A Geographical Approach.*

1:00 Emily Timmons\*, Hope College; Edward C. Hansen, Dr., Hope College; Timothy G. Fisher, Dr., U. of Toledo, *Chronology of Eolian Activity in a Coastal Dune Complex Near Holland.*

1:20 Michael M. Benedetti\*, U. of North Carolina Wilmington; J. Michael Daniels, U. of Wyoming; Jonathan A. Haws, U. of Louisville; Caroline L. Funk, Stockton College, *Geomorphic interpretation of late Paleolithic occupation in the Estremadura region of Portugal.*

**4319. Mentoring Early Career Faculty: Issues and Strategies (Sponsored by Geography Faculty Development Alliance (GFDA))**

Room: *Private Dining Room 8* (Panel Session)

ORGANIZER(S): Dr. Susan Hardwick, U. of Oregon; Kenneth E. Foote, U. of Colorado  
CHAIR(S): Dr. Susan Hardwick, U. of Oregon

Panelists: Cary Komoto, UW - Barron County; Ms. Lynn Christine Songer, U. of Oregon; Dr. Rich B. Schultz, Elmhurst College; Jessica Wesel, Western Michigan U.; Kenneth E. Foote, U. of Colorado; Tonny Oyana, Southern Illinois U.; Sarah Jean Halvorson, U. of Montana

**4320. Writing, Reading, and Viewing Geography**

Room: *Private Dining Room 9* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Steven L. Driever, U. of Missouri

12:00 Gary J. Hausladen\*, Univ of Nevada; Paul F. Starrs\*, U. of Nevada, *Gotham's Noir: The Cheerful as Chump-bait in New York Film Noir.*

12:20 Innes M. Keighren\*, U. of Edinburgh, *Bringing geography to the book: charting the reception of "Influences of geographic environment".*

12:40 Mary Kelly\*, NUI Maynooth, *Geopolitical Discourses and Imaginative Geographies in the Work of Anglo-Irish Novelists Somerville and Ross.*

1:00 Velvet Nelson\*, Kent State U., *Travel Writing & the Cycle of Expectation for the West Indies.*

1:20 Steven L. Driever\*, U. of Missouri, *A Reevaluation of the Travel Writings of the American Harry A. Franck (1881-1962).*

**4323. Beyond the Binary: Social Movements and a New Transnational Space? (Sponsored by Political Geography Specialty Group)**

Room: *Private Dining Room 16* (Paper Session)

ORGANIZER(S): Sonja Katharina Pieck, Clark U.; Ms. Sandra Moog

CHAIR(S): Sonja Katharina Pieck, Clark U.

12:00 Jean Carmalt\*, U. of Washington, *International Diplomacy at the United Nations: NGO Coalitions and the International Criminal Court.*

12:20 Elisabeth A Graffy\*, United States Geological Survey, *Talking About Water: how expert and stakeholder discourses illuminate scalar dimensions of governance.*

12:40 Daniel Niles\*, Clark U., *A country peoples' way? The vision and tactics of a contemporary transnational social movement.*

1:00 Sandra Moog\*, U. of California at Berkeley; Sonja Katharina Pieck\*, Clark U., *The Amazon Alliance 1990-2005: Challenges in the Quest for Global Civil Society.*

Discussant(s): Laurel Smith, U. of Wisconsin-Milwaukee



**4326. Poverty in America: A Roundtable Discussion**

Room: *Monroe Ballroom* (Panel Session)

Panelists: Amy Glasmeier, Pennsylvania State U.; Susan M. Christopherson, Cornell Univ; Dr. Linda McDowell, U. of Oxford; Ron J. Johnston, U. of Bristol; Prof. Linda Lobao

**4327. GIS/Cartography**

Room: *Adams Ballroom* (Poster Session)

ORGANIZER(S): Program Committee

Seth R Anderson\*, The U. of Akron; Ben A Jacobs, The U. of Akron, *Mapping the Digital Canopy: The University of Akron.*

Elisabeth VanderLeeuw\*, U. of Arizona; Mickey Reed, Project Mangager ART Lab, U. of Arizona; Craig Wissler, Assistant Professor SRNR, U. of Arizona, *Photographic Content Metadata and GIS for the Santa Rita Experimental Range.*

Amy G. Dawson\*, West Virginia U.; Susan J. Bergeron, West Virginia U.; Jesse Rouse, West Virginia U.; David Fuerst, National Park Service; Andy Steel, National Park Service, *The New River Gorge Historical GIS: integrating GIS, multimedia, and geovisualization.*

Brian Tomaszewski\*, The Pennsylvania State U., *Interactive Historical Geography: Using Global Positioning Systems Technology to Experience and Interface with non-Linear, Heterogeneous Historic Geographies of Varying Spatiotemporal Scale.*

Sonja-Sarai Fritz\*, Virginia Tech; Scott D Klopfer, Conservation Management Institute at Virginia Tech, *The Mid-Atlantic Digital Catalog of Aerial Photography (MADCAP).*

Shelley Schmidt\*, U. of Wisconsin - Madison, *Housing and road density growth in and around Indiana Dunes National Lakeshore.*

Kyle Peterson\*, U. of Calgary, *Thirty Years of Vegetation and Socioeconomic Transformation in Chicago, Illinois.*

Judith A. Buchino, Ph.D.\*, George Mason U., *Exploring the Research Potential of Publicly Owned Data Sets: Case Study in Fairfax County, Virginia.*

Steven M. Di Naso\*, Eastern Illinois U.; Vincent P. Gutowski, Ph.D.\*, Eastern Illinois U., *An Automated GIS Tool for the Modeling, Reconstruction & Impact Analyses of Floodwater Areas in Urbanizing Watersheds.*

Shaw-Wen Sheen\*, Department of Social Studies Education, National U. of Tainan, *A Study of Land Use/Cover Changes and Sustainable Land Development in the Tainan and Kaoshiung Metropolitan Areas, Taiwan.*

Thomas Earl Dilts\*, U. Nevada Reno, Department of Geography, *Assessing restored mine lands using a new theory of landscapes on a continuum between ecological and visual function.*

Douglas R. Clark\*, US Bureau of Reclamation; Chuck Hennig, Bureau of Reclamation; Michael Beaty, Bureau of Reclamation; David Longbrake, Dept of Geography, U. of Denver, *The Western Water Information Network: An Enterprise GIS Application for the Management of Water in the West.*

Lisa J. Theo, Assistant Professor\*, U. of Wisconsin-Eau Claire; Lynn Hilgendorf, U. of Wisconsin-Eau Claire; Amy Ledin, U. of Wisconsin-Eau Claire, *School Consolidations and Community Decline: Lessons for Wisconsin.*

Kevin R. Kuhn, West Virginia GIS Technical Center; Joshua Rutkowski\*, West Virginia U., *West Virginia's 1/9th arc-second Statewide Digital Elevation Dataset.*

- Riju Stephen\*, Texas State U.; Robin Rogers, Dr, Baylor U., *GIS as a Tool for Designing Population-Based Interventions by Congregations and Faith-Based Organizations for Poor and Vulnerable People in San Antonio, TX.*
- David Alexander Crosby\*, U. of South Florida; Paul Zandbergen, U. of South Florida, *The Effect of DEM Resolution upon Hydrologically Related Terrain Derivatives.*
- Guy Schafer, Graduate Student\*, U. of Toledo; Samir Dhar, Graduate Student, U. of Toledo; Peter S. Lindquist, U. of Toledo, *Midwest FreightView: A Distributed GIS for Monitoring Freight Activity in the Upper Midwest.*
- Yunliang Meng\*; Jacek Malczewski\*, *The assessment of provision of Public parks' service —A case study in Calgary.*
- Joanna B. Rogalski, MUP, MA\*, U. at Buffalo, *Child's Eye View - Challenging Remote Sensing's Synoptic World View.*
- W. Andrew Marcus\*, U. of Oregon; James E. Meacham, U. of Oregon; Ann Rodman, Yellowstone National Park, *Creating an Atlas of Yellowstone.*
- Yi-Hwa Wu\*, Northwest Missouri State U., *Traffic congestion by linear cartogram.*
- Ming-chih Hung\*, Northwest Missouri State U., *Use of character maps on GPS/remote sensing fieldwork.*
- Lorie Seruntine\*, The U. of Memphis; Thad Wasklewicz, Ph D. - Geography, The U. of Memphis; Dennis Staley, M.S. - Geography, The U. of Memphis, *Virtual Recording of Lichen Species by Incorporating Terrestrial Laser Scanning and GIS Techniques.*
- Haojie Zhu\*, U. of Utah, *Identifying Scale-dependent Management Zones in Corn Fields: An Application of Geographically Weighted Local Statistics and Geostatistics Methods.*
- Richard G Thureau\*, SPEA, Indiana U.; J.C. Randolph, SPEA, Indiana U.; George Parker, Department of Forestry and Natural Resources, Purdue U., *Small-Scale Multi-Temporal Analysis of Natural Habitats in Indiana: A GIS Approach.*
- Christian Raumann\*, United States Geological Survey, *Landscape change in the Lake Tahoe Basin, California and Nevada: 1940-2002.*
- David Hoftiezer\*, Dartmouth College; Xun Shi, Ph.D, Dartmouth College, *Spatially Smoothing Lung Cancer Rates in New Hampshire: A Comparison of Techniques.*
- Wendy Bigler\*, Southern Illinois U. Carbondale; Luba Kurkalova, Southern Illinois U. Carbondale; Dan Flaherty, Southern Illinois U. Carbondale, *Spatial Patterns in Conservation Tillage: Econometric Modeling.*
- Michael Shambaugh-Miller\*, U. of Nebraska Medical Center, *Trust us, we're from the government and we're here to help you: Using GIS to Visualize and Analyze How the U.S. Federal Government Defines Rural..*

**4328. Human Vulnerability to Hazards**

Room: Parlor A (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Glen Conner, Western Kentucky U.

**12:00** Aswin Subanthore\*, Oklahoma State U.; Thomas A. Wikle, Oklahoma State U., *The "Boiling Ocean": Deathscapes Associated with the December 2004 Tsunami in Southeastern India.*

**12:20** Mathew C. Schmidlein\*, U. of South Carolina, *Spatio-temporal changes in the social vulnerability of Charleston, SC..*

**12:40** Kevin Borden\*, U. of South Carolina, *The Role of Extreme Events in Hazard-Induced Mortality.*

1:00 Glen Conner\*, Western Kentucky U., *Hurricanes and Yellow Fever: Some Commonality of Impacts.*

**4329. The papyrus calls: A panel on academic publishing (Sponsored by Graduate Student Affinity Group)**

Room: *Parlor B* (Panel Session)

ORGANIZER(S): L Jesse Rouse, West Virginia U.

CHAIR(S): L Jesse Rouse, West Virginia U.

Panelists: Mei-Po Kwan, Ohio State U.; David J. Robinson, Syracuse U.; Briane Turley; Douglas L. Johnson, Clark U.

**4330. The impact of technology on human-environment relations in agriculture.**

Room: *Parlor C* (Paper Session)

ORGANIZER(S): Peter J. Hugill, Texas A&M U.; Andrew Millington, Texas A&M U.

CHAIR(S): Andrew Millington, Texas A&M U.

12:00 Kai Elgethun, PhD, MPH\*, Texas A&M U., *Evolution of pesticide application technology, pesticide drift regulation and community health risks: Case studies from Washington and Texas.*

12:20 Peter J. Hugill\*, Texas A&M U., *The Historical Geography of Boll Weevil Control in American Cotton Agriculture.*

12:40 Andrew Millington\*, Texas A&M U., *Technological change, rural livelihoods and landscape change during the late 20th Century in Cochabama Department, Bolivia.*

1:00 Daniel Redo, 1rst year PhD student\*, Texas A&M U., *Technology's Role in Forest Change in Western Honduras: Savior or Destroyer?.*

**4331. Communication Networks and Messages (Sponsored by Communication Geography Specialty Group)**

Room: *Parlor D* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Prof. Paul C. Adams, U. of Texas at Austin

12:00 Kristof a.m. Van Assche\*, St. Cloud State U., *On networks and metaphors: new and seeing the new in the network society.*

12:20 Richard A. Waugh\*, U. of Wisconsin, Platteville, *The Diffusion of Message Ribbons in American Culture as a Case Study of the Stimulus Diffusion of Meaning.*

12:40 Melinda J. Laituri\*, Colorado State U., *The role of the Internet in presenting Indigenous Data.*

1:00 Paul C. Adams, Ph.D.\*, U. of Texas at Austin; Emily Skop, Ph.D., U. of Texas at Austin, *Internet Use and Attitudes toward Cultural Preservation among Asian Indians in the US.*

**4332. Geographies of Religion and Worship in North America**

Room: *Parlor E* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Lisa Rainey Brownell, U. of Kentucky

12:00 Heidi Hoernig, PhD Candidate\*, U. of Waterloo, *Spatial multiculturalism, urban planning and the geography of places of worship.*

**12:20** Yvette L. Pye, Doctoral Candidate\*, U. of Minnesota, *Title: The Role of "The Black Church" in Local Urban Youth Academic Achievement.*

**12:40** Steven M. Graves\*, California State U., Northridge, *Abstract: Mapping Usury Laws and the Christian Right.*

**1:00** Jennifer S Livengood, MSW, ABD\*, Chicago State U., *Leisure Programming in the New Paradigm Church.*

**1:20** Lisa Rainey Brownell\*, U. of Kentucky, *Community by Design: Spaces of Community in American Megachurches.*

**4333.    **Environmentality I: Author Meets the Critics - Arun Agrawal's "Environmentality" (Sponsored by Cultural and Political Ecology Specialty Group, Political Geography Specialty Group, Asian Geography Specialty Group)****

*Room:* Parlor F (Panel Session)

ORGANIZER(S): Paul Robbins, U. of Arizona

CHAIR(S): Paul Robbins, U. of Arizona

Introducer: Paul Robbins

Panelists: Emily Yeh, U. of Colorado; James P. McCarthy, Pennsylvania State University; Leila Harris, U. of Wisconsin, Madison; Vinay K. Gidwani, U. of Minnesota; Dr. Arun Agrawal, U. of Michigan

**4335.    **One Foot In III: Geographers Working in Other Disciplines: Academic Labor and Professional Development (Sponsored by Geographic Perspectives on Women Specialty Group, Socialist and Critical Geography Specialty Group, Sexuality and Space Specialty Group)****

*Room:* Parlor H (Panel Session)

ORGANIZER(S): Laura Y. Liu, New School U.; Rebecca Dolhinow, California State U. Fullerton

CHAIR(S): Laura Y. Liu, New School U.

Introducer: Rebecca Dolhinow

Panelists: Carolyn Gallaher, American U.; Virginia L. Parks, U. of Chicago; Jennifer L. Mandel, U. of Miami; Scott Rodgers, King's College London; Jamey Essex, U. of Windsor; Kate Boyer, Rensselaer Polytechnic Institute

**4337.    **Remote Sensing and GIS for Urban Analysis III (Sponsored by Urban Geography Specialty Group, Geographic Information Science and Systems Specialty Group, Remote Sensing Specialty Group)****

*Room:* Dearborn I (Paper Session)

ORGANIZER(S): Xiaojun Yang, Florida State U.; Victor Mesev, Florida State U.

CHAIR(S): Dale A. Quattrochi, NASA MSFC

**12:00** Li Wu\*, George Mason U.; David Wong, George Mason U., *The Roles of Human Activities on Forest Fire in Wildland Urban Interface.*

**12:20** Gergely Rigo\*, U. of Basel, Switzerland; Eberhard Parlow, U. of Basel, Switzerland, *Urban Climate from Space - A Remote Sensing Approach during BUBBLE (Basel Urban Boundary Layer Experiment).*

**12:40** C P. Lo\*, U. of Georgia, *Visualizing the Relationships of Satellite-sensed Surface Temperatures and Individual Buildings in the City of Atlanta.*

**1:00** Dale A. Quattrochi, Ph.D.\*, NASA MSFC; Maurice G. Estes, Jr., MCP, Universities Space Research Association, National Space Science & Technology Center; William L. Crosson, Ph.D., Universities Space Research Association, National Space Science & Technology Center; Maudood N. Khan, Ph.D., Georgia Environmental Protection Division, Air Quality Branch, *The Atlanta Urban Heat Island Mitigation and Air Quality Modeling Project: How High-Resolution Remote Sensing Data Can Improve Air Quality Models.*

**4338. Images of Canada: A Critical examination of Regional Geography Texts (Sponsored by Canadian Studies Specialty Group)**

*Room:* Dearborn 2 (Panel Session)

ORGANIZER(S): Susan Lucas, Edinboro U. of Pennsylvania

CHAIR(S): Susan Lucas, Edinboro U. of Pennsylvania

Panelists: Heather Nicol; Soren Larsen, U. of Missouri; Peter H. Meserve, Fresno City College; Mark C. Jones, U. of Connecticut At Hartford

**4339. Georeferencing and Location-Based Information Systems**

*Room:* Dearborn 3 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Byoungjae Lee

**12:00** Alfredo Pereira De Queiroz, Prof.\*, Geography Department, U. of Sao Paulo - Brazil; Marcos Rodrigues, Prof., Transportation Department, U. of São Paulo, Brazil, *Strategies for Virtual Flights over Geographical Models.*

**12:20** Aaron Myers\*, U. of South Carolina; Edward Bright, Geographic Information Science and Technology Group at Oak Ridge National Laboratory; Phillip Coleman, Geographic Information Science and Technology Group at Oak Ridge National Laboratory, *A Web Service for Accessing Spatially Distributed Population Data.*

**12:40** Ahmad S. Massasati, Ph.D.\*, The Office of H.H. the President, *Toward a Unified Map Projection: The United Arab Emirates Case Study.*

**1:00** Byoungjae Lee\*, SUNY at Buffalo; Douglas M. Flewelling, SUNY at Buffalo, *Enhancing Location Based Services through a Formal Model of Spatially Extended Points.*

**4341. New Directions in Geographic Thought and Spatial Cognition**

*Room:* Clark 1 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Prof. Anne Munly

**12:00** Tatiana Schoenberg\*, Department of Geography, U. at Buffalo, *Differences and Similarities of Landscape Photo Perception Between American and Russian Speakers.*

**12:20** Jon Moore, Ph.D.\*, Utah Valley State College, *Krishnamurti as a New Approach in Critical Geography.*

**12:40** Dragos Simandan, PhD\*, Brock U., *The nature of human nature in neuropsychanalysis and geography.*

**1:00** Anne Munly\*, Syracuse U. School of Architecture; Anne E. Mosher, Ph.D., Syracuse U., *Toward a Cognitive Mapping Aesthetic.*

**4343. Special Session in Hydroclimatology (Sponsored by Water Resources Specialty Group, Climate Specialty Group)***Room:* Clark 3 (Paper Session)

ORGANIZER(S): Dr. Steven Quiring, Texas A&amp;M U.; Rezaul Mahmood, Western Kentucky U.

CHAIR(S): Dr. Steven Quiring, Texas A&amp;M U.

**12:00** Dan Bedford\*, Weber State U., *Maritime Climatic Influence of the Great Salt Lake, Utah.***12:16** William Mark Baldwin, Graduate Student\*, Western Kentucky U.; Rezaul Mahmood, Western Kentucky U., *An assessment of key aspects of warm and cool season severe flash flooding in the southern Appalachians.***12:32** Timothy W Hawkins\*, Shippensburg U., *A 110 year hydroclimatology of the Colorado River Basin by means of a modified, distributed, climatic water budget.***12:48** Woonsup Choi, Ph.D.\*, *Modeling Hydrological Response to Potential Climate Change in the Kishwaukee River Basin (Usa).***1:04** Douglas W. Gamble\*, U. of North Carolina - Wilmington, *The development of a modified Bermuda High Index for assessment of Caribbean mid-summer drought variability.***1:20** Steven Quiring\*, Texas A&M U., *Selecting The Most Suitable Drought Indices for Monitoring Moisture Conditions At The Local Level in the State of Texas.***4345. Relationality and the Space Economy III (Sponsored by Economic Geography Specialty Group)***Room:* Clark 5 (Panel Session)

ORGANIZER(S): Andrew Jones, Birkbeck, U. of London

CHAIR(S): Andrew Jones, Birkbeck, U. of London

Panelists: Nancy Ettliger, Ohio State U.; Gernot Grabher, U. of Bonn; Roger Lee, Queen Mary, U. of London

**4346. Technonatures IV - Session 1: Conceptualising Technonatural Worlds***Room:* Clark 7 (Paper Session)

ORGANIZER(S): Erik Swyngedouw; Dr. Damian White, James Madison U.

CHAIR(S): Erik Swyngedouw

**12:00** Damian Finbar White, Assistant Professor of Sociology\*, James Madison U.; Chris Wilbert, Senior Lecturer, Anglia Ruskin U., *Technonatural Time-Spaces.***12:20** Timothy Luke, PhD\*, Virginia Tech, *Creating 'Urbanatura'-The Property Boundaries/Boundary Properties in Technonature Studies.***12:40** Alan P. Rudy\*, Michigan State U., *Regenerative Cyborg Agroecologies: Toward a TechnoNatural Agri-food System.***1:00** Beth Greenhough\*, Keele U., UK, *Technological innovation and the re-evaluation of medical information: The case of Guthrie cards and intussusception research.***1:20** David Demeritt\*, King's College London, *Reflections on post-naturalist environmental epistemology.*

**4348. U.S. Political Geography***Room:* Clark 9 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Victor A. Konrad

**12:00** Corey Dolgon\*, Worcester State College, *the end of the hamptons: scenes from the class struggle in America's paradise.***12:20** Dorian T Warren, Ph.D.\*, U. of Chicago, Harris School of Public Policy; Virginia Parks, Ph.D., U. of Chicago, SSA, *Contesting Neoliberalism in the City: Local Context and Anti-Wal-Mart Campaigns in L.A. and Chicago.***12:40** Richard Deal\*, Edinboro U. of Pennsylvania, *Municipal Combinations in Erie County, Pennsylvania.***1:00** Jennifer Ridgley\*, U. of Toronto, *Access Without Fear? The Implications of Contested Citizenship in U.S. Sanctuary Cities.***1:20** Victor A. Konrad\*, Carleton U.; Heather Nicol, U. of West Georgia, *Reinventing the Canada-United States Borderlands.***4349. Urban Mobilities: movement, practice and meaning (Session 1) (Sponsored by Qualitative Research Specialty Group, Urban Geography Specialty Group)***Room:* Clark 10 (Paper Session)

ORGANIZER(S): Mr. Justin Spinney; Dr. Philip Crang, Royal Holloway, U. of London

CHAIR(S): Dr. Philip Crang, Royal Holloway, U. of London

**12:00** Eric Olund\*, U. of British Columbia, *Urban Mobility, Spectatorship and the 'New Woman'.***12:20** Jennie Middleton\*, Geography Department, King's College London, UK, *The 'Walkable City': the dimensions of walking and overlapping walks of life.***12:40** Justin Spinney, PhD\*, Royal Holloway U. of London, *The mobile community: circulating knowledges in everyday urban practice.***1:00** Tim Butler\*, Kings College London, *Contraflows: East End to East Coast.***1:20** Mimi Sheller\*, Swarthmore College, PA and Lancaster U., UK, *Mobility Systems and Urban Disasters: Hurricane Katrina and the Collapse of New Orleans.***4350. Linking Social and Ecological Systems III: Livelihoods (Sponsored by Spatial Analysis and Modeling Specialty Group, Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group)***Room:* LaSalle 1 (Paper Session)

ORGANIZER(S): Jane Southworth, U. of Florida; Rinku Roy Chowdhury, U. of Miami

CHAIR(S): Harini Nagendra, Indiana U. - CIPEC

**12:00** Joel Hartter, PhD Student\*, Department of Geography, Land Use and Environmental Change Institute, University of Florida; Abraham Goldman, PhD, Department of Geography; Michael Binford, PhD, Department of Geography, Land Use and Environmental Change Institute, U.; Colin Chapman, PhD, Department of Anthropology and McGill School of Environment, McGill U.; Lauren Chapman, PhD, Biology Department, McGill U.; Jane Southworth, PhD, Department of Geography, Land Use and Environmental Change, U. of Florida, *Environmental Services and Hazards of Wetlands and Forest Patches in Western Uganda.***12:20** Laura C. Schneider\*, Rutgers U., *Advance and retreat: Land abandonment and plant invasions in an agricultural frontier.*

- 12:40 Jennifer F. Brewer\*, Clark U., *Ecosystem Based Fisheries Management: From Household Practice to Federal Policy.*
- 1:00 Moushumi Chaudhury\*, U. of Sussex, *Negotiating Access: Micro-Politics in Medicinal Plant Trade in Nepal.*
- 1:20 Elizabeth S. Barron\*, Rutgers U., *Protecting Resources, Protecting Livelihoods: Assessing Visitor Harvesting of Wild Morel Mushrooms in Two National Parks.*

**4351. Tourism and identity (Sponsored by Recreation, Tourism, and Sport Specialty Group, Cultural Geography Specialty Group, Ethnic Geography Specialty Group)**

Room: LaSalle 2 (Paper Session)

ORGANIZER(S): Joy K. Adams, U. of Texas

CHAIR(S): Judith Dykes-Hoffmann, Texas Lutheran U.

- 12:00 Yi-Chia Chen\*, Louisiana State U., *Turning Down a Devil's Bargain: Developing Tourism as a Treat for Self-identification.*
- 12:20 James A. Davis\*, Brigham Young U., *The Production of Mormon Church Heritage Tourism Sites.*
- 12:40 Joy K. Adams\*, U. of Texas, *"This is a GERMAN town": Perceptions of ethnic tourism in multiethnic communities.*
- 1:00 Anne K. Soper\*, Indiana U., *Cultural Heritage Tourism and Its Representations of Mauritian Identity.*
- 1:20 Crystal Fortwangler\*, U. of Michigan, *(Un)Marginalized Histories of Enslavement: the interpretation of Revolution, Resistance, and Violence by a national park on a small Caribbean island.*

**4352. Environmental History of Latin America (Sponsored by Historical Geography Specialty Group, Latin America Specialty Group)**

Room: LaSalle 3 (Paper Session)

ORGANIZER(S): Andrew Sluyter, The Louisiana State U.

CHAIR(S): Andrew Sluyter, The Louisiana State U.

- 12:00 David Kinkela\*, State U. of New York, Fredonia, *Pesticides, Agricultural Development, and the Environment: The Rockefeller Foundation's Mexican Agricultural Program..*
- 12:20 José Antonio Avalos, Universidad Autónoma de San Luis Potosí; Miguel Aguilar-Robledo\*, Universidad Autónoma de San Luis Potosí, *Formation of a Colonial Mining Landscape: An Environmental History of La Paz, Matehuala and Catorce, Central New Spain, from the Late 16th-century to the Early 19th-century: Some Preliminary Results.*
- 12:40 Matthew Himley\*, Syracuse U., *Contesting the Hinterlands: the Changing Nature of Resource Struggles in the Rural Ecuadorian Highlands.*
- 1:00 Peter Klepeis\*, Colgate U., *Uncovering Legacy Landscapes: 20th Century Land Change in Tierra del Fuego.*
- 1:20 Andrew Sluyter\*, The Louisiana State U., *Environmental History of the Argentinean Pampas.*



**4353. War, Citizenship, Territory I***Room: LaSalle 4 (Paper Session)*

ORGANIZER(S): Deborah Cowen, York U.; Emily Gilbert, U. of Toronto

CHAIR(S): Deborah Cowen, York U.

**12:00** Elizabeth A Gagen\*, U. of Hull, *Homespun manhood and the war against desire: community leisure on the US home front, 1917-1919.***12:20** Merje Kuus\*, U. of British Columbia, *'Love, peace, and NATO?': militarism and subject-making in Central Europe.***12:40** Emily Gilbert\*, U. of Toronto; Deborah Cowen, York U., *Fear and the Familial: 'Homeland' Security and Family Politics in US Domestic Policy and International Relations.***1:00** Tamar Mayer\*, Middlebury College, *A War on the Boundary of Memory: the case of Jewish Israel.*

Discussant(s): Deborah Cowen, York U.

**4354. GIScience and the Holocaust***Room: LaSalle 5 (Paper Session)*

ORGANIZER(S): Alberto Giordano, Texas State U.; Mr. Michael Haley Goldman

CHAIR(S): Alberto Giordano, Texas State U.

**12:00** Pavel Ilyin\*, United States Holocaust Memorial Museum; Michael Haley Goldman\*, United States Holocaust Memorial Museum, *Holocaust Geography and the Work of the US Holocaust Memorial Museum.***12:20** Marc Jean Masurovsky\*, US Holocaust Memorial Museum, Registry of Survivors, *Mapping the Final Solution.***12:40** Vanessa Martinez\*, Texas State U. - San Marcos; James Graham, Texas State U. - San Marcos; Alberto Giordano, PhD, Texas State U. - San Marcos, *Deportees from France, 1942-1944. Spatial and Temporal Patterns in the Holocaust, Part 1.***1:00** James Knox Graham\*, Texas State U.; Vanessa Martinez, Texas State U.; Alberto Giordano, PhD, Texas State U., *Deportees from France, 1942-1944. Spatial and Temporal Patterns in the Holocaust, Part 2.*

Discussant(s): Anne Kelly Knowles, Middlebury College

**4356. Urban Transport in the Age of Sprawl: Part 2 (Sponsored by Transportation Geography Specialty Group)***Room: Sandburg 2 (Paper Session)*

ORGANIZER(S): Joe Weber, U. of Alabama; Selima Sultana, U. of North Carolina-Greensboro

CHAIR(S): Joe Weber, U. of Alabama

**12:00** Selima Sultana\*, U. of North Carolina-Greensboro; Joe Weber, U. of Alabama, *Does job sprawl reduce the distance between the home and workplace? Exploring the links between sprawl, race and commuting.***12:20** Becky P.Y. Loo, Associate Professor, Department of Geography, The U. of Hong Kong; Alice S.Y. Chow\*, PhD Candidate, Department of Geography, The U. of Hong Kong, *Hong Kong in the Age of Sprawl: What are the Changing Urban Form and Transportation Challenges?.***12:40** Bernadette Marion\*, Florida State U.; Mark W Horner, The Florida State U.; Sharla B Lair, The Florida State U., *90 Minutes or More: An Exploratory Analysis of the Personal and Household Characteristics of Extreme Commuters.*

1:00 Kristin Olson\*, U. of British Columbia, *Moving to Equity? Geographies of Mobility and Accessibility in the Livable City.*

1:20 Wook Lee\*, Texas State U.-San Marcos, *Assessing the impacts of worker and job relocation scenarios on commuting pattern.*

**4357. Transformation of Retail Capital and Creation of New Consumption Spaces in Chinese Cities (Sponsored by China Specialty Group)**

Room: Sandburg 3 (Paper Session)

ORGANIZER(S): Shuguang Wang, Ryerson U.

CHAIR(S): Shuguang Wang, Ryerson U.

12:00 Shuguang Wang\*, Ryerson U., *Opportunities and Challenges of Shopping Centre Development in China: a Case Study of Shanghai.*

12:20 Enru Wang\*, U. of North Dakota, *The Political Economy of Retail Change in Chinese Cities.*

12:40 Lucia Lo, Dr. \*, York U., *The impact of international retailers on Chinese shopping behaviour.*

Discussant(s): Shii Okuno, U. of Marketing and Distribution Services

**4358. Documenting, Addressing, and Visualizing Uncertainty in Historical GIS (Sponsored by Historical Geography Specialty Group, Electronic Cultural Atlas Initiative, Geographic Information Science and Systems Specialty Group)**

Room: Sandburg 4 (Paper Session)

ORGANIZER(S): Mary Ruvane, U. of North Carolina - Chapel Hill

CHAIR(S): Ian N. Gregory, Queen's U., Belfast

12:00 Elwin Koster\*, Groningen U., *Interactive Historical Cartography, new ways to annotate historical maps by the internet.*

12:20 Jon W. Carroll, M. Hum\*, Michigan State U.; Lynne G. Goldstein, Chair, Dept. of Anthropology, Michigan State U., *Constructing the Aztalan GIS: an Archaeological Perspective.*

12:40 Ulf Jansson, Ph.D. \*, Department of Human Geography, Stockholm university, Sweden, *Land-use changes since the 1630s in Sweden - Reconciling sources of varying quality.*

1:00 Maggi Kelly\*, U. of California; Ken-ichi Ueda, UC Berkeley, *Notes on error in historical ecological data digitization: the Wieslander Vegetation Type Mapping Project.*

1:20 Yanfen Le\*, Northwest Missouri State U.; Thomas W Hodler, U. of Georgia, *Uncertainty in Spatio-Temporal Change Extracted from Existing Data.*

**4359. Internet GIS - Internet-based Spatial Data Handling (Sponsored by Geographic Information Science and Systems Specialty Group)**

Room: Sandburg 5 (Paper Session)

ORGANIZER(S): Chaowei Yang, George Mason U.; Zhong-Ren Peng, U. of Wisconsin, Milwaukee

CHAIR(S): Zhong-Ren Peng, U. of Wisconsin, Milwaukee

12:00 Ruihong Huang\*, Northern Arizona U., *Modeling Complex Features for Internet-based Spatial Data Analysis.*

12:20 Ying Cao\*, George Mason U.; Chaowei (Phil) Yang, George Mason U., *Near Real-time GIS for Floater NEXt generation RADar (FNEXRAD) Weather Data Dissemination.*

**12:40** Jinyoung Rhee\*, U. of South Carolina; Gregory J. Carbone, U. of South Carolina; Hope Mizzell, South Carolina Department of Natural Resources; Ryan Boyles, North Carolina State U., *Development of web-based drought index maps using scalable vector graphics.*

**1:00** Naijun Zhou, Dr.\*, Department of Geography, U. of Maryland College Park, *The issue of data integration for distributed geospatial information applications.*

**1:20** Harold Moellering\*, Ohio State U., *A New Book on "World Spatial Metadata Standards".*

**4360. Race, Space and Imperialism: Africa and India (Sponsored by Urban Geography Specialty Group, Cultural Geography Specialty Group)**

*Room:* Sandburg 6 (Paper Session)

ORGANIZER(S): Judith T. Kenny, U. of Wisconsin-Milwaukee; Garth Andrew Myers, U. of Kansas

CHAIR(S): Judith T. Kenny, U. of Wisconsin-Milwaukee

**12:00** Garth Andrew Myers, PhD\*, U. of Kansas, *Links and Desertion: Locating Culture in Postcolonial African Fictional Geographies.*

**12:20** Martin J. Murray\*, SUNY Binghamton, *Privatized Urbanism and Social Exclusion in Contemporary Cities on the Margins of Modernity.*

**12:40** Preeti Chopra\*, U. of Wisconsin, Madison, *A Space For Every Worthy: Colonial Bombay's Public Landscape.*

**1:00** Judith T. Kenny\*, U. of Wisconsin-Milwaukee, *'Dislocated Liberalism': Constructing Civic Space for Colonial Madras' Imperial Subjects.*

**4361. Rights, Reform and Resources: Land and the Politics of Indigenous Identity in Latin America II (Sponsored by Cultural and Political Ecology Specialty Group, Cultural Geography Specialty Group, Indigenous Peoples Specialty Group)**

*Room:* Sandburg 7 (Paper Session)

ORGANIZER(S): Bjorn Sletto, Cornell U.; Joseph H. Bryan, UC Berkeley

CHAIR(S): Bjorn Sletto, Cornell U.

**12:00** Daniel Aaron Graham, ABD\*, U. of California, Berkeley, *Recognizing contradiction: Lenca Indian land rights and the neoliberal counterreform in Honduras.*

**12:20** Brad Jokisch\*, Ohio U., *Securing ethno-territorial claims with fertility and migration?: the challenges faced by the Shuar of Ecuador.*

**12:40** Bjorn Sletto\*, Cornell U., *The Becoming-Forest, the Becoming-Desert: Fire Management and the Making of Conservation Landscapes in the Gran Sabana, Venezuela.*

Discussant(s): Dianne E. Rocheleau, Clark U.

**4362. IGERTS in Geography: Lessons Learned in Interdisciplinary Research and Training (Sponsored by Enhancing Departments and Graduate Education project (EDGE), Human Dimensions of Global Change Specialty Group)**

*Room:* Sandburg 8 (Panel Session)

ORGANIZER(S): Jessica K. Graybill, Univ. of Washington; Craig ZumBrunnen, U. of Washington

CHAIR(S): Jessica K. Graybill, Univ. of Washington

Panelists: David M. Mark, U. at Buffalo; Dawn J. Wright, Oregon State U.; Gregory Simon, U. of Washington; Craig ZumBrunnen, U. of Washington; Jessica K. Graybill, Univ. of Washington; Tiffany C. Vance, Oregon State U./NOAA; LaDona G. Knigge, U. @ Buffalo (SUNY)

**4363. Mapping People & Homes**

*Room:* Montrose 1 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Petronella Muraya, Howard U.

**12:00** André Skupin\*, San Diego State U.; Ron R. Hagelman, U. of New Orleans, *Spatialization of Demographic Trajectories.*

**12:20** Johnathan F. Rush\*, Los Alamos National Laboratory; Timothy N. McPherson, PhD, Los Alamos National Laboratory, *Creating a Nationwide Urban Footprint Database using Population Density.*

**12:40** James Kweku Eshun\*, U. of Cape Coast, Ghana, *Poverty mapping in Cape Coast, Ghana.*

**1:00** Brad Boesdorfer\*, U. of Illinois, *Exploring Housing Market Characteristics Near Military Installations Using the Gi Statistic.*

**1:20** Petronella Muraya\*, Howard U., *Engaging stakeholders in housing development projects.*

**4364. Water Resources and Modeling**

*Room:* Montrose 2 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mr. Andrew Swift, U. of Cincinnati

**12:00** Paul A Zandbergen\*, U. of South Florida; David Crosby, Sarasota County, *Evaluation of LIDAR Digital Elevation Models for Hydrologic Modeling.*

**12:20** Ramanathan Sugumaran\*, U. of Northern-Iowa; Nathan Green, U. of Northern Iowa, *Monitoring Spatial and Temporal Changes of Water Quality in Iowa Lakes Using Airborne Hyperspectral Imagery and ground-based spectroradiometer.*

**12:40** Andrew Swift, GISP\*, U. of Cincinnati; Lin Liu, PhD, U. of Cincinnati; Jim Uber, PhD, U. of Cincinnati, *The Impact of Spatial Aggregation on Drinking Water Age Estimates.*

**4365. Best Teaching Practices: Three Panel Sessions #3: Physical (Sponsored by Community College Affinity Group, Geography Education Specialty Group)**

*Room:* Montrose 3 (Panel Session)

ORGANIZER(S): Bruce L. Seiverton, Imperial Valley College

CHAIR(S): Diana Casey, Muskegon Community College

Panelists: Diana Casey, Muskegon Community College; Herschel Stern, Miracosta College; Shahalam M.N. Amin, Bloomsburg U. of Pennsylvania; Judith K. Bock; Ms. Lynne Beatty

**4369. Landscape Ecology 3: Advances in Mapping and Modeling of Biotic Phenomena (Sponsored by Spatial Analysis and Modeling Specialty Group, Biogeography Specialty Group, Remote Sensing Specialty Group)**

*Room:* Montrose 7 (Paper Session)

ORGANIZER(S): David Cairns, Texas A&M U.; John Kupfer, U. of South Carolina  
CHAIR(S): David Cairns, Texas A&M U.

**12:00** Brenden McNeil\*, Syracuse U.; Jane Read, Syracuse U.; Charles Driscoll, Syracuse U., *Henry Gleason meets hyperspectral remote sensing: the importance of species in detecting foliar nitrogen response to nitrogen deposition.*

**12:20** Stephen McCauley\*, Clark U., *Integrating Predictive Species Modeling with Land-use Variables and Land-cover Change Mapping in Support of Forest Vegetation Change Monitoring.*

**12:40** Jennifer Miller, Ph.D., West Virginia U.; Ben Gilmer\*, West Virginia U., *A comparison of statistical models and accuracy measures for predictive vegetation models.*

**1:00** John Kupfer\*, U. of South Carolina; Calvin Farris, U. of Arizona, *Incorporating spatial non-stationarity into predictive vegetation modeling: The use of geographically-weighted regression to model montane Ponderosa pine abundance.*

**4370. Digital Cities**

*Room:* Burnham 1 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Dr. Irina Van Aalst

**12:00** Wei Tu\*, Georgia Southern U.; Daniel Sui, Texas A&M U., *The Transformation of Economic Structure and its Environmental Implications of a Digital City: An Input-output Analysis for Austin, Texas.*

**12:20** Sven Koppany\*, Clark U., *Municipal Wi-Fi: Reshaping the Urban Public Sphere in Philadelphia through Pervasive Wireless Internet Access.*

**12:40** Brian Ceh\*, Indiana State U.; Joseph Koroma, Indiana State U., *The US Culture Economy: Regional Mindset and Economic Development.*

**1:00** Irina van Aalst\*, *'Face2Face': boon or bane of cultural clustering.*

**4371. Post-socialism VIII: Interrogating theories, explanations, and categories (Sponsored by Economic Geography Specialty Group, Socialist and Critical Geography Specialty Group, Russian, Central Eurasian, and East European Specialty Group)**

*Room:* Burnham 2 (Panel Session)

ORGANIZER(S): Marianna Pavlovskaya, Hunter College

CHAIR(S): Marianna Pavlovskaya, Hunter College

Introducer: Marianna Pavlovskaya

Panelists: Beth Mitchneck, U. of Arizona; John Pickles, U. of North Carolina; Alison Stenning; Robert Begg, Indiana U. of Pennsylvania

**4373. Governing Exclusions**

Room: Burnham 4 (Paper Session)

ORGANIZER(S): Steve Herbert, U. of Washington

CHAIR(S): Steve Herbert, U. of Washington

**12:00** Victoria Babbit\*, *Embodying borders: trafficking and prostitution in Sweden.*

**12:20** Elizabeth Brown\*, *"The Community gets the delinquents it deserves": Governance, Exclusion, and the Juvenile Justice System.*

**12:40** Tony c Sparks\*, U. of Washington, *Governing the Homeless: Homelessness, Citizenship and Seattle's Tent City.*

**1:00** Steve Herbert\*, U. of Washington, *Who Needs Probable Cause? Spatial Regulation and the Incredible Shrinking 4th Amendment.*

Discussant(s): Don Mitchell, Syracuse U.

**4374. Statecraft for New Knowledge Spaces in the Asia-Pacific and Europe (Sponsored by Economic Geography Specialty Group)**

Room: Burnham 5 (Paper Session)

ORGANIZER(S): Kris Olds, U. of Wisconsin-Madison; Susan Lee Robertson, U. of Bristol

CHAIR(S): Kris Olds, U. of Wisconsin-Madison

**12:00** Roger Dale, Professor\*, U of Bristol, *European universities and the making of competitive and social Europe through 'knowledge'.*

**12:20** Jae-Youl Lee\*, U. of Wisconsin-Madison, *The Muddling Transition to a Knowledge-Based Economy in South Korea: the Case Study of Brain Korea 21.*

**12:40** Kris Olds\*, U. of Wisconsin-Madison, *Regionalism and Higher Education Restructuring in the Asia-Pacific.*

**1:00** Susan Lee Robertson, Professor\*, U. of Bristol, *Higher Education as an Instrument for Inserting 'Europe' into the Asian Imagination and Economy.*

Discussant(s): Claudia Hanson Thiem, U. of Wisconsin-Madison

**2:00 p.m. – 3:40 p.m.****4401. Geography in the Elementary School Curriculum***Room: Salon 1 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Dr. Diane M. Stanitski, Shippensburg U.

**2:00** Zachary A. Moore, B.S., M.A.\*, Doctoral Student, Texas State U. - San Marcos, *Status of Geography Curriculum in the Texas 6th Grade Contemporary World Cultures Class.*

**2:20** Jessica Marie Wesel\*, Western Michigan U., *The Role of Education in the Michigan Wolf Recovery Program.*

**2:40** Cameron Douglas Craig\*, Department of Geology and Geography, Eastern Illinois U.; Meredith L. Beilfuss, Ph.D., Department of Geography, Geology, and Anthropology, Indiana State U., *Alternative Conceptions of the Earth-Sun Relationship: Animations as a tool for conceptual change.*

**3:00** Seth Dixon, Ph.D. candidate\*, Pennsylvania State U., *Strengthening K-6 geographic education at the local level with the existing curriculum: A case-study using children's literature.*

**3:20** Diane M. Stanitski\*, Shippensburg U., *Follow the High Seas by Adopting a Drifting Buoy.*

**4402. Hurricanes IV: Paleotempestology from Sedimentary Records (Sponsored by Climate Specialty Group, Biogeography Specialty Group, Coastal and Marine Specialty Group)***Room: Salon 2 (Paper Session)*

ORGANIZER(S): Kam-Biu Liu, Louisiana State U.

CHAIR(S): Cary J. Mock, U. of South Carolina

**2:00** Elyse Scileppi\*, Brown U.; Jonathan Woodruff, MIT & WHOI; Phil Lane, MIT & WHOI; Jeffrey Donnelly, WHOI, *Millennial-scale history of intense hurricane activity in the Caribbean Sea.*

**2:20** Ken Orvis\*, U. of Tennessee; Sally P Horn, U. of Tennessee; G Michael Clark, U. of Tennessee; Lisa M Kennedy, Virginia Polytechnic Institute, *Dearth of Early-to Mid-Holocene Hurricanes Recorded at High-Elevation Site in Central Hispaniola.*

**2:40** Terry McCloskey\*, Louisiana State U., *Paleo Hurricanes on the Coast of Belize.*

**3:00** Kam-Biu Liu\*, Louisiana State U.; Carl A. Reese, U. of Southern Mississippi; David M. Cochran, U. of Southern Mississippi; Jason T. Knowles, Louisiana State U.; Terrence A. McCloskey, Louisiana State U., *Paleotempestology and Cultural Response to Hurricane Hazards Among Indigenous Populations on the Mosquitia Coast of Eastern Honduras.*

**3:20** James B. Elsner\*, Florida State U.; Kam-biu Liu, Louisiana State U., *Estimating return levels of prehistoric hurricane activity.*

**4404. Neighbourhoods as Meaningful Units of Analysis for Health (Sponsored by Medical Geography Specialty Group)***Room:* Salon 4 (Paper Session)

ORGANIZER(S): Kathleen J. Wilson, U. of Toronto at Mississauga

CHAIR(S): Kathleen J. Wilson, U. of Toronto at Mississauga

**2:00** Jamie Pearce\*, U. of Canterbury; Rosemary Hiscock, U. of Canterbury; Karen Witten, Massey U., *Neighbourhoods and health in New Zealand: is access to community resources an explanation for geographical inequalities in health?***2:20** Robin Timothy Flowerdew\*, U. of St Andrews, *Neighbourhood Effects on Health: Does it Matter Where You Draw the Boundaries?***2:40** Malcolm P. Cutchin, PhD\*, U. of North Carolina at Chapel Hill; Jim Stimpson, PhD, U. of Texas Medical Branch; Peter Dana, PhD, Middlebury College, *Conceptualizing and Using Neighborhoods for the Analysis of Health and Place.***3:00** Rachel A. Hirsch, Ph.D. Student\*, U. of Western Ontario; Jamie Baxter, Associate Professor, U. of Western Ontario, *Pesticides in the neighbourhood: Everyday health risk perception.***4405. From “Geographies of Food” and Beyond: Towards Acknowledging Multiple Geographies of Food in the Local and Global Networks***Room:* Salon 5 (Panel Session)

ORGANIZER(S): Taro Futamura, U. of Kentucky; Ms. Garrett Graddy, U. of Kentucky

CHAIR(S): Taro Futamura, U. of Kentucky

Panelists: Taro Futamura, U. of Kentucky; Daniel Block, Chicago State U.; Ms. Garrett Graddy, U. of Kentucky; Chris Blackden, U. of Kentucky

**4406. European Economic Geography***Room:* Salon 6 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): William H. Berentsen, U. of Connecticut

**2:00** Sami Moio\*, *The discourse of competitive region and its place-specific outcomes in the European North.***2:20** Armin Osmanovic\*, Institute of Geography, U. of Hamburg Germany, *Farewell to the German Model - The rise of atypical employment and unemployment in West- and East Germany.***2:40** Matthias Kiese\*, U. of Hannover, *Cluster Policies for Local Economic Development in Germany: An Overview and Research Agenda.***3:00** Karl-Johan Lundquist, Department of Social and Economic Geography, Lund U., Sweden; Lars-Olof Olander, Department of Social and Economic Geography, Lund U., Sweden; Martin Svensson Henning\*, Department of Social and Economic Geography, Lund U., Sweden, *Ever renewing regional economies? Producer services and manufacturing in the Swedish systems of regions 1978-2002.***3:20** William H. Berentsen\*, U. of Connecticut, *Changing Regional Inequalities in United Germany.*



**4408. Land Use Cover Change II***Room: Salon 8 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Linda R. Barrett, U. of Akron

**2:00** Leo Charles Zulu\*, U. of Illinois at Urbana-Champaign, *Charcoal, the Under-ground Economy and Land Cover Change in Southern Malawi.***2:20** Roy Cole, Ph.D.\*, Grand Valley State U., *Predicting land use/land cover change with Markov chain analysis and cellular automata in Central Mali.***2:40** Narendran Kodandapani\*, Michigan State U.; Mark A Cochrane, South Dakota State U.; Sukumar Raman, Indian Institute of Science, *Spatial, temporal, and ecological components of forest fires in a seasonally dry tropical ecosystem in the Western Ghats in India.***3:00** John K. Maingi\*, Miami U.; Mary C Henry, Miami U., *Analyzing spatial patterns of wildfires in eastern Kentucky.***3:20** Linda R. Barrett\*, U. of Akron, *Reconstructing forest-site relationships in the lake plains of northwestern Ohio.***4409. Teleconnection Patterns in Climate Assessment (Sponsored by Climate Specialty Group)***Room: Salon 9 (Paper Session)*

ORGANIZER(S): Melissa Lynn Malin, U. of Delaware

CHAIR(S): Melissa Lynn Malin, U. of Delaware

**2:00** John Creilson\*, SAIC/NASA Langley Research Center; Jack Fishman, NASA Langley Research Center; Amy Wozniak, SAIC/NASA Langley Research Center, *The Relationship between Air Pollution and El Nino: Insights into the Effect of Teleconnections on the Global and Regional Distribution of Satellite-Derived Tropospheric Ozone.***2:20** Robert E. Livezey\*, NWS/NOAA Climate Services, *Best Practices and Key Considerations for Teleconnection Studies.***2:40** Jason Carl Senkbeil\*, Kent State U., *The Sensitivity of Tree Growth to Teleconnections and Air Mass Variability in Coastal Alabama.***3:00** Melissa L Malin\*, U. of Delaware, *An Approach to Evaluate Teleconnection Pattern Impacts on United States Intra-seasonal Climate Variability.***4410. The Performative and the Political- Session 2***Room: Salon 10 (Paper Session)*

ORGANIZER(S): Allan R. Pred, U. of California, Berkeley

CHAIR(S): Allan R. Pred, U. of California, Berkeley

**2:00** Trevor Paglen\*, U.C. Berkeley, *N4476S.***2:20** Naomi Spellman\*, Art Department, U. of California, San Diego, *Locative Media in the Wild: a Multi-disciplinary Look at Digital Mapping Tools.***2:40** Laurie Palmer\*, School of the Art Institute of Chicago, *four projects.***3:00** Derek Gregory\*, U. of British Columbia, *Cities of deadly night: Cairo/Baghdad.*

Discussant(s): Allan R. Pred, U. of California, Berkeley

**4411. Geographies of Voluntarism and Activism in the Health and Social Care Sector (Sponsored by Medical Geography Specialty Group)***Room:* Salon 11 (Paper Session)

ORGANIZER(S): Dr. Mark W. Skinner, U. of Guelph

**2:00** Sarah A Lovell, BSocSc, MSc\*, Queen's U.; Mark W Rosenberg, Dr., Queen's U., *Community-Based Participatory Research: The challenges of participation.***2:20** Christine Milligan\*, Lancaster U.; Liz Bondi, Edinburgh U.; Nick Fyfe, U. of Dundee; Robin Kearns, U. of Auckland; Wendy Larner, Bristol U., *Placing voluntary activism within neo-liberal welfare states: a cross-national comparison.***2:40** Mark W. Rosenberg, Ph.D.\*, Queen's U.; Jennifer Goy, Queen's U., *Seniors, Volunteering and the Non-Crisis of Canada's Aging Population.***3:00** Mark W. Skinner, PhD\*, U. of Guelph, *A Threadbare Sector Coming Apart at the Seams? Bringing the Rural Context of Voluntarism and Long-Term Care into Focus.*

Discussant(s): Robert D. Wilton, McMaster U.

**4412. Visualization II: Representation and Symbolization (Sponsored by Cartography Specialty Group)***Room:* Salon 12 (Paper Session)

ORGANIZER(S): Amy Lobben, U. of Oregon; Robert M. Edsall, Arizona State U.

CHAIR(S): Robert M. Edsall, Arizona State U.

**2:00** Matthew T. Rice\*, U. of California, Santa Barbara; Reginald Golledge, U. of California, Santa Barbara; R. Daniel Jacobson, U. of Calgary, *Symbolization issues for haptic and auditory maps.***2:20** Amy Lobben\*, U. of Oregon; Megan Lawrence, U. of Oregon, *Navigational Features for Tactile Maps.***2:40** Megan McNally Lawrence\*, U. of Oregon; Maureen Kelly, U. of Oregon; Amy Lobben, U. of Oregon, *Creating a Tactile Map of the University of Oregon.***3:00** Ola Ahlqvist\*, The Ohio State U., *Numerically based visualizations of nominal geographic data.***3:20** Katsuhiko Kirk Oda\*, Texas A&M U., *Blind Persons' Spatial Knowledge Acquisition from Tactile Maps.***4413. Traveling Women***Room:* Cresthill Room 11 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Werner Udo Schade, Padagogische Hochschule

**2:00** Allison Hui\*, U. of Alberta, *Gendered Interference: Negotiating the spatial discourse on women's solo tourist experiences.***2:20** Hua-Sun Chang\*, *Crisscrossing de/sexualized spatiality: Possibilities and limits of betel nut girls' micro identity and body politics.***2:40** Caroline Faria\*, U. of Washington, *Connecting state and intimate violences?: Refugee women and experiences of domestic violence.***3:00** Elizabeth Lee\*, U. of British Columbia, *Migrant Remittances and Gender Relations in the Neoliberal City.***3:20** Werner Udo Schade\*, Padagogische Hochschule, *Why Women Can Read Maps.*

**4415. Spaces of the ear: listening and the ethics of encounter (Sponsored by Qualitative Research Specialty Group, Ethics, Justice, and Human Rights Specialty Group, Cultural Geography Specialty Group)**

*Room:* Private Dining Room 4 (Paper Session)

ORGANIZER(S): Mitch Rose, U. of Hull; Dr. Paul Harrison

CHAIR(S): Deborah Dixon

**2:00** Paul Harrison\*, Department of Geography, U. of Durham, *The First Hospitality. On hearing others, speak.*

**2:20** Matt McCourt\*, U. of Maine at Farmington, *Between Listening and Writing: The Cochlear Geographies of Collaboration and Community Work.*

**2:40** Paul Thomas Kingsbury\*, Simon Fraser U., *Time-space compassion: Oscar Wilde's voice as love object.*

**3:00** Mitch Rose\*, U. of Hull, *Listening, landscape and a passive methodology.*

Discussant(s): Deborah Dixon

**4416. Class war and geography: revisiting the 1886 Haymarket Square massacre (Sponsored by Socialist and Critical Geography Specialty Group, Ethics, Justice, and Human Rights Specialty Group)**

*Room:* Private Dining Room 5 (Panel Session)

ORGANIZER(S): Salvatore Engel-DiMauro, UW Stevens Point; Dennis Grammenos, Northeastern Illinois U.

CHAIR(S): Dennis Grammenos, Northeastern Illinois U.

Panelists: Pierpaolo Mudu, Universita Di Roma; Richard A. Walker, U. of California-Berkeley; Nik Heynen, U. of Wisconsin at Milwaukee; Dennis Grammenos, Northeastern Illinois U.; Don Mitchell, Syracuse U.; David Harvey; Euan Hague, DePaul U.; Sarah Kanouse

**4417. Aeolian Geomorphology IV: Great Lake Dunes (Sponsored by Geomorphology Specialty Group, Coastal and Marine Specialty Group)**

*Room:* Private Dining Room 6 (Paper Session)

ORGANIZER(S): Jean Taylor Ellis, Texas A&M U.; Deanna Van Dijk, Calvin College

CHAIR(S): Deanna Van Dijk, Calvin College

**2:00** Deanna van Dijk\*, Geology, Geography and Environmental Studies, Calvin College; Melinda C. Campbell, Geology, Geography and Environmental Studies, Calvin College; Annelia L. Tinklenberg, Water Resources Program, U. of New Mexico, *Foredune evolution on the east shore of Lake Michigan.*

**2:20** Edward Hansen, Dr. \*, Hope College, *Morphology of Massive Parabolic Dune Complexes, Southeastern Coast of Lake Michigan.*

**2:40** Robert Vink\*, Geology, Geography and Environmental Studies, Calvin College; Deanna van Dijk, Geology, Geography and Environmental Studies, Calvin College, *Wind or Human Activity? Changes to a Michigan Landmark Dune.*

**3:00** Mary-Louise Byrne\*, Geography and Environmental Studies, Wilfrid Laurier U., Waterloo, Ontario, Canada, *Sand transport and coastal dune evolution at Pinery Provincial Park, Ontario, Canada.*

**4418. Researching the City (Sponsored by Urban Geography Specialty Group)***Room: Private Dining Room 7 (Panel Session)*

ORGANIZER(S): Mona Atia, U. of Washington; Daniel Trudeau, U. of Colorado

CHAIR(S): Daniel Trudeau, U. of Colorado

Discussant(s): Katharyne Mitchell

Panelists: Meghan Cope, SUNY-Buffalo; Margaret Anne Hudson, U. of Texas-Arlington; Steven Flusty, York U.; Melissa R. Gilbert, Temple U.

**4419. Place and History in the American West (Sponsored by Historical Geography Specialty Group, Cultural Geography Specialty Group)***Room: Private Dining Room 8 (Paper Session)*

ORGANIZER(S): Robert Wilson

CHAIR(S): Craig Colten, Louisiana State U.

**2:00** William Wyckoff\*, Montana State U., *Four Lessons on the Landscape: Rephotographing Montana, 1920-2005.***2:20** Diane Papineau\*, Montana State U., *Transforming Canyon Junction: Mission 66 Proving Ground in Yellowstone National Park.***2:40** Robert Wilson\*, Syracuse U., *Landscapes of Promise and Betrayal: Irrigation, Homesteading, and Japanese Internment in the West.***3:00** Jeremy Bryson\*, Montana State U., *Smoke Dreams: Urban Environments and the Construction of Landscape in Anaconda, Montana.***3:20** Laurie Darian\*, Montana State U., *The Braceros of the Yakima Valley.***4420. Pan American Institute of Geography and History (PAIGH): New Directions.***Room: Private Dining Room 9 (Panel Session)*

ORGANIZER(S): Cynthia Simmons, Michigan State U.

CHAIR(S): Cynthia Simmons, Michigan State U.

Panelists: Cynthia Simmons, Michigan State U.; Ms. Jacqueline Klaver; Dr. Scott A. Loomer, NGA; John A. Kelmelis, United States Geological Survey

**4424. Women on the Edge—Junior female faculty talk transition & tenure (Sponsored by Geographic Perspectives on Women Specialty Group, Enhancing Departments and Graduate Education project (EDGE), Committee on the Status of Women in Geography)***Room: Private Dining Room 17 (Panel Session)*

ORGANIZER(S): Patricia Ehrkamp, Miami U. of Ohio

CHAIR(S): Patricia Ehrkamp, Miami U. of Ohio

Panelists: Leila Harris, U. of Wisconsin, Madison; Emily H. Skop, The U. of Texas at Austin; Marianna Pavlovskaya, Hunter College; Carolyn Finney, Clark U.; Col. Minelle Mahtani; Patricia Ehrkamp, Miami U. of Ohio

**4426. Urban Geography Specialty Group Plenary: A Debate on the Chicago and LA Schools of Urban Studies on Chicago's Home Court (Sponsored by Urban Geography Specialty Group)***Room: Monroe Ballroom (Panel Session)*

ORGANIZER(S): Richard P. Greene, Northern Illinois U.

Panelists: Richard P. Greene, Northern Illinois U.; Michael J. Dear, U. of Southern California; Richard Shearmur, INRS-UCS; Saskia Sassen, University of Chicago; Terry Clark; Dr. Robert Sampson, Harvard U.

**4427. Getting the Best Start?.Community College Geography! (Sponsored by Community College Affinity Group)***Room: Adams Ballroom (Poster Session)*

ORGANIZER(S): Diana Casey, Muskegon Community College; James A. Brey, U. of Wisconsin-Fox Valley

CHAIR(S): Bruce L. Seivertson, Imperial Valley College

Lynne M Beatty, M.S.\*, Johnson County Community College; Johanna Foster, Ph.D.\*, Johnson County Community College, *Engaging introductory science students in the real world of research: a feasible endeavour within a community college setting.*Michael A. Boester\*, Monroe Community College; Steven D. Perry, Monroe Community College, *Monroe Community College, Rochester, NY.*James A. Brey\*, U. of Wisconsin-Fox Valley, *Geography Excitement At UW Fox Valley.*Diana L Casey\*, Muskegon Community College, *Muskegon Community College - A Geography Program.*James W. Fonseca, Ph.D.\*, Ohio U.-Zanesville, *Using the ARGUS CD in Teaching the Geography of the United States.*Lisa Mavar Stanich\*, Lakeland Community College; Mark Guizlo\*, Lakeland Community College, *Bridging the Valley: Environmental, Cultural, and the Economic Change Along Ohio's Cuyahoga River.*Barbara S. Hildebrant\*, Educational Testing Service, *Where is the Geography in New Jersey Community Colleges?.*Hugh H. Howard\*, American River College, *Geography and GIS at American River College.*Michael C. Jurmu, Associate Professor\*, UW- Fond du Lac; Keith West, Assistant Professor, UW-Marinette, *The Vitality of Geography at UW-Fond du Lac and UW-Marinette.*Christopher A. Kent\*, Spokane Community College, *Geography at Spokane Community College.*Kerry Lyste\*, Everett Community College, *Micro\_Urban Development in the Pacific Northwest.*Robert McCallister\*, Univ of Wisconsin - Rock County, *Hands-On Geography & Geology at University of Wisconsin-Rock County.*Herschel Stern\*, MiraCosta College, *The Geographic Poster Poster.*Ray Sumner, PhD\*, Long Beach City College, California, *Long Beach City College.*Tarek A. Joseph, Ph.D.\*, Henry Ford Community College, *From Homogeneity to Diversity: Teaching Cultural Geography in Dearborn, Michigan..*Bruce L. Seivertson\*, Imperial Valley College, *Imperial Valley College.*Charles Fuller, Triton College, *Globalization, Internationalization and Geography at Triton College*

Ann Johnson, ESRI

**4428. The Geographical Imagination - Migration, Intervention, and Geographic Knowledges***Room: Parlor A (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Patrick Vincent McGreevy, American U. of Beirut

**2:00** John Western\*, Syracuse U., *The Three Transnationalisms of Strasbourg.***2:20** Lydia Ruddy\*, U. of Washington, *Towards a Legal Geography of Reconstruction.*

2:40 Amy E. Potter\*, The U. of Kansas, *Geography of Unavoidable Interaction: Three Moments in Haitian/U.S. Relations.*

3:00 Colbert C. Held\*, Baylor U. (Retired), *Middle East Power Cores Revisited*

3:20 Patrick Vincent Mcgreevy\*, American U. of Beirut, *No Place Like No Place: Utopia, America, and the World.*

**4429. The Making of Modern Food: Science, Culture, and the Politics of Food**

Room: *Parlor B* (Paper Session)

ORGANIZER(S): Aaron Bobrow-Strain, Whitman College

CHAIR(S): Susanne E. Freidberg, Dartmouth College

2:00 Susanne E. Freidberg\*, Dartmouth College, *Beauty and the Bourgeoisie: A History of Bland Fruit.*

2:20 Aaron Bobrow-Strain\*, Whitman College, *Wonder Bodies: War, Whiteness, and the Making of Modern Bread.*

2:40 Brian Page\*, U. of Colorado at Denver and Health Sciences Center, *American Food: The Morrell Art Calendar in the Mid-20th Century.*

3:00 Gail Hollander\*, Florida International U., *Eating the Nation: Modern Bodies, Modern Food..*

Discussant(s): E. Melanie DuPuis, University of California, SANT

**4430. Land Use in East Asia**

Room: *Parlor C* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Peilei Fan, United Nations U. - Institute of Advanced Studies

2:00 Yi-ling Chen\*, National Hualien U. of Education, Taiwan, *Developmental States and Housing Policy under the KMT Regime in Taiwan.*

2:20 Christopher A. Airriess\*, Ball State U., *Imagining the Geographies of Agricultural Land Tenure: Governmentality and Modalities of Power in Cold War Hong Kong.*

2:40 Honglin Xiao\*, Elon U., *The Impact of land use land cover changes on surface temperature at Guizhou, China.*

3:00 Laura Ediger\*, U. of Georgia, *Adaptive Migration and Land Use in Rural China.*

3:20 Peilei Fan\*, United Nations U. - Institute of Advanced Studies; Ademola K. Braimoh, Ph.D., United Nations U., Institute of Advanced Studies, *Remote Sensing and Narrative Perspectives for Urban Land Use Change Analysis in Japan.*

**4431. Author meets critics with Steve Birdsall (Regional Landscapes of the United States and Canada (Sponsored by Canadian Studies Specialty Group))**

Room: *Parlor D* (Panel Session)

ORGANIZER(S): Susan Lucas, Edinboro U. of Pennsylvania

CHAIR(S): Peter H. Meserve, Fresno City College

Panelists: Soren Larsen, U. of Missouri; Mary M. Graham, York College of Pennsylvania; Timothy Pitts, Edinboro U. of Pennsylvania; Heather Nicol

**4432. Forest Dynamics: East to West (Sponsored by Biogeography Specialty Group)**

Room: Parlor E (Paper Session)

ORGANIZER(S): Matthew F. Bekker, Brigham Young U.; Charles W. Lafon, Texas A & M U.

CHAIR(S): Matthew F. Bekker, Brigham Young U.

2:00 Arvind Aniel Bhuta\*, Virginia Tech; Lisa M. Kennedy, Ph.D., Virginia Tech; Carolyn A. Copenheaver, Ph.D., Virginia Tech; Philip M. Sheridan, Meadowview Biological Research Station, *The Dendroecological History of Naturally Occurring Longleaf Pine in the Coastal Plain of Virginia*.

2:20 James W. Wilson, Ph.D.\*, Old Dominion U., *Evaluating the positional accuracy of forest reconstructions from historic maps.*

2:40 Matthew Landis, Ph.D.\*, Middlebury College, *Sapling performance across a montane deciduous/coniferous ecotone: towards a demographic understanding of range limits*.

3:00 Susy Svatek Ziegler\*, U. of Minnesota - Minneapolis; Julia Rauchfuss, U. of Minnesota, *Vegetation Change in the Big Woods of Minnesota*.

3:20 Matthew F. Bekker\*, Brigham Young U., *Glacial Erratics and Douglas-fir Establishment in Grasslands of Yellowstone National Park*.

**4433. Environmentalism II: Neoliberal Natures and Subject Formation (Sponsored by Cultural and Political Ecology Specialty Group)**

Room: Parlor F (Panel Session)

ORGANIZER(S): Benjamin R. Gardner, U of California, Berkeley; Joseph H. Bryan, UC Berkeley

CHAIR(S): Benjamin R. Gardner, U of California, Berkeley

Panelists: Benjamin R. Gardner, U of California, Berkeley; Dr. Arun Agrawal, U. of Michigan; Joseph H. Bryan, UC Berkeley; Nancy Peluso, U. of California

**4434. Spaces of New Urbanism (I) (Sponsored by China Specialty Group)**

Room: Parlor G (Paper Session)

ORGANIZER(S): Prof. Fulong Wu; Si-Ming Li, Hong Kong Baptist Univ

CHAIR(S): Si-Ming Li, Hong Kong Baptist Univ

2:00 Si-Ming Li\*, Hong Kong Baptist Univ; Zheng Yi, Hong Kong Baptist U., *Financing Home Purchase in China: the Case of Guangzhou*.

2:20 Zhigang Li\*, Centre of urban and regional studies, Zhongshan U., Guangzhou, China, *Social space in transitional urban China: A case study of Shanghai*.

2:40 Fulong Wu, Prof.\*, School of City and Regional Planning, Cardiff U.; Yuting Liu, Dr., School of Geography, U. of Southampton, *Residential Relocation of Poverty Groups in Urban China*.

3:00 Yu-Ling Song\*, Department of Geography, National Taiwan U., *The production of the sense of place: The relocating process of displaced residents under the urban "development" projects in Shanghai*.

3:20 Hsinling Wu\*, Institute of Geography, National Taiwan U., *Transnational Elites' Lifestyles and Social Construction in Shanghai*.

**4435. One Foot In IV: Geographers Working in Other Disciplines: Geography's**

**Identity and the Value of Cross-Fertilization (Sponsored by Geographic Perspectives on Women Specialty Group, Socialist and Critical Geography Specialty Group, Sexuality and Space Specialty Group)**

Room: *Parlor H* (Panel Session)

ORGANIZER(S): Laura Y. Liu, New School U.; Rebecca Dolhinow, California State U. Fullerton

CHAIR(S): Rebecca Dolhinow, California State U. Fullerton

Introducer: Laura Y. Liu

Panelists: Christine M. Drennon, Trinity U.; Katherine McKittrick; Hoda Shawki, The Ohio State U.; Annemarie Bodaar, U. of Amsterdam; Ruth Wilson Gilmore, U. of Southern California

**4437. Remote Sensing and GIS for Urban Analysis IV (Sponsored by Urban Geography Specialty Group, Geographic Information Science and Systems Specialty Group, Remote Sensing Specialty Group)**

Room: *Dearborn 1* (Paper Session)

ORGANIZER(S): Xiaojun Yang, Florida State U.; Victor Mesev, Florida State U.

CHAIR(S): C P. Lo, U. of Georgia

**2:00** Zheng Cheng\*, Texas A&M U.; Hongxing Liu, Texas A&M U., *Population and land use changes during 1990-2000 and their impacts on flood hazard risk in Houston Metropolitan Area.*

**2:20** Yang Shao\*, UNC-Chapel Hill; Stephen J. Walsh; Barbara Entwisle; Ronald Rindfuss, *Rural Migration to Bangkok: Urban Destinations and Spatial Patterns of Migrants from Nang Rong District, Northeast, Thailand.*

**2:40** Sharaf A. Alkheder\*, PhD-Geomatics Engineering -Purdue U.; Jun Wang, PhD-Geomatics Engineering -Purdue U.; Jie Shan, Associate Professor-Geomatics Engineering-Purdue University, *Fuzzy - Cellular Automata Urban Growth Modelling.*

**3:00** Danlin Yu\*, Department of Earth and Environmental Studies, Montclair State U., *A Geographically Weighted Regression - based urban housing submarket identification study.*

**4438. Measuring Geographic Learning and Performance I (Sponsored by Geography Education Specialty Group)**

Room: *Dearborn 2* (Paper Session)

ORGANIZER(S): Robert S. Bednarz, Texas A&M U.

CHAIR(S): Robert S. Bednarz, Texas A&M U.

Introducer: Robert S. Bednarz

**2:05** Sarah Witham Bednarz\*, Texas A&M U.; Robert S. Bednarz\*, Texas A&M U., *What Students Know and Can Do: Test Analysis.*

**2:25** Ruth Mensel Johnston\*, American Council on Education, *Geography Item Assessment from the GED Test.*

**2:45** Gillian Acheson\*, Southern Illinois U.-Edwardsville, *Can we get there from here? An investigation of middle and high school students' mapping abilities (Part II).*

**3:05** Paul C. Vincent\*, Valdosta State U., *Measuring up in an introductory GIS class: What students don't know doesn't hurt their grade.*

Discussant(s): Robert S. Bednarz, Texas A&M U.



**4439. Colonialism and Place in Settler Colonies: Indigenous Agency and the Construction of Nature in the Contact Zone (Sponsored by Indigenous Peoples Specialty Group)**

*Room:* Dearborn 3 (Paper Session)

ORGANIZER(S): Jay T. Johnson, U. of Canterbury; Brian J. Murton, U. of Hawaii

CHAIR(S): Jay T. Johnson, U. of Canterbury

**2:00** Brian J. Murton\*, U. of Hawaii, '*Ghostly Presences*': *The Possibility of Native Agency and 'Scientific Information' Transfer in Early Nineteenth Century Aotearoa/New Zealand.*

**2:20** Jay T. Johnson, PhD\*, U. of Nebraska - Lincoln, *Re/placing Native science: Indigenous voices in contemporary constructions of nature.*

**2:40** Kamanamaikalani Beamer\*, U. of Hawai'i; T. Kaeo Duarte, Ph.D., U. of Hawai'i, *Hawaiian Kingdom Mapping: A Colonial Venture?*

**3:00** Da-Wei Kuan\*, U. of Hawaii, *Re-imaging Nature: A Critical Review of the Transiting Human-River Relationship in Indigenous Maliqwan River Valley, Taiwan.*

**3:20** Matthew Schnurr\*, U. of British Columbia, *Irrigated Cotton as a Means of Teasing Apart Settler and Native Agricultural Space in KwaZulu, South Africa, 1930-1948.*

**4441. Museums, Memorials, and Historic Preservation**

*Room:* Clark 1 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Margaret M. Gold, London Metropolitan U.

**2:00** Sharon Elizabeth Wilcox\*, U. of Texas-Austin, *Repackaging Culture: The Gulisi Garifuna Museum in Dangriga, Belize.*

**2:20** Naohiro Nakamura\*, Queen's U., *the Postcolonial Present: managing cultural representation of indigenous people in museum.*

**2:40** Ted Grevstad-Nordbrock, Ph.D. candidate\*, Michigan State U., *Historic Preservation and the European City during World War II.*

**3:00** Robert J. Kruse, II, Ph.D.\*, West Liberty State College, *Contemporary Geographies of John Lennon.*

**3:20** Maggie Gold\*, London Metropolitan U., *Re-representing Empire: coming to terms with an imperial past at the British Empire and Commonwealth Museum in Bristol, UK.*

**4443. Approaches to rural restructuring. Connecting the global to the local in theory and practice.**

*Room:* Clark 3 (Paper Session)

ORGANIZER(S): Dr. Debra Straussfogel, U. of Northern British Columbia

**2:00** Adrienne Marie Proffer\*, U. of Oklahoma; Fred M Shelley, U. of Oklahoma, *Evaluating the Impacts of Ecotourism on Small Towns in the Southern Plains.*

**2:20** Debra Straussfogel\*, U. of Northern British Columbia, *The Softwood Lumber Agreement as Context for the Effects of Globalization on Resource-Reliant Communities.*

**2:40** Fenda A. Akiwumi, Ph.D. Candidate\*, Texas State U.-San Marcos; Fred Shelley, Ph.D., U. of Oklahoma, *Rural places in the world-system: Sierra Leone's nineteenth century timber extraction environment.*

3:00 Raymond J. Dezzani, Ph.D.\*, U. of Idaho; Gundars Rudzitis, Ph.D., U. of Idaho; Gundars Rudzitis, Ph.D.\*, U. of Idaho, *Dependent Structures: The Impact of the World-Economy on Regional Change in the Rural Western United States.*

**4445. Ecotourism**

Room: Clark 5 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Zoe A. Meletis, Duke U.

2:00 Sarah Schwartz\*, U. of South Carolina, *Livelihood frameworks: the importance of the relationships between capital types.*

2:20 Peter George Anderson\*, *The Mountaineering Experience.*

2:40 Kathryn Pratt\*, U. of Minnesota, *Tourism to Altruism: The Emergence of Private Protected Areas in Chile.*

3:00 Risa Ikeya\*, U. at Buffalo, the State U. of New York, *Sustainable ecotourism - reexamining the definition.*

3:20 Zoe A. Meletis\*, Duke U., *No hay justicia? Local perceptions of tourism in Tortuguero (Costa Rica) as they relate to justice and fairness.*

**4446. Technonatures IV - Session 2: Technonatural Histories, Landscapes and Waterscapes**

Room: Clark 7 (Paper Session)

ORGANIZER(S): Erik Swyngedouw; Dr. Damian White, James Madison U.

CHAIR(S): Dr. Damian White, James Madison U.

2:00 Erik Swyngedouw, Professor\*, OUCE, School of Geography, Oxford U., UK, *Scaling Techno-Natural Politics: Paco Rano's Wet Dream for Spain, 1939-1975.*

2:20 Federico Caprotti\*, U. of Oxford, *Nature, imperialism and film: Scipio Africanus.*

2:40 Stuart Oliver, MA Status (Oxon), MPhil (Econ)\*, St Mary's College, U. of Surrey, *The emotional fabric of marshlands.*

3:00 Roger M. Picton\*, U. of Toronto, *Death, Nature and Regeneration and the redevelopment of Canada's National War Museum.*

**4448. Political Geography**

Room: Clark 9 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Corey Johnson, U. of Oregon

2:00 Juliet Johnson\*, McGill U., *Two-Track Diffusion and Central Bank Embeddedness.*

2:20 Wesley J. Reisser\*, George Washington U., *Orange and Blue Ukraine - Nationalism and the 2004 Ukrainian Election.*

2:40 Michelle Janet Brym\*, Graduate Student, *Economic and Demographic Integration in the Polish-German Borderland.*

3:00 Corey Johnson\*, U. of Oregon, *A New Direction in Eastern Germany? Recent trends in the politics and policies of regional development.*

**4449. Urban Mobilities: movement, practice and meaning (Session 2) (Sponsored by Qualitative Research Specialty Group, Urban Geography Specialty Group)**

*Room:* Clark 10 (Paper Session)

ORGANIZER(S): Mr. Justin Spinney; Dr. Philip Crang, Royal Holloway, U. of London

CHAIR(S): Dr. Philip Crang, Royal Holloway, U. of London

**2:00** Robert Kitchin\*, National U. of Ireland, Maynooth; Martin Dodge, U. of Manchester, *Managed bodies in managed vehicles navigating managed space: The automatic production of vehicular space.*

**2:20** Natalie Oswin\*, National U. of Singapore, *Imagining a gay and lesbian movement in Johannesburg: Queer mobilities and the politics of private transportation.*

**2:40** Carlos JL Balsas\*, Arizona State U., *Mobility debates about pedestrian areas in Sao Paulo - Brazil.*

**3:00** Stephen John Saville, MA\*, *Body Knowledge and Bike Trials.*

Discussant(s): Dr. Tim Edensor, Manchester Metropolitan U.

**4450. Linking Social and Ecological Systems IV: Landscape level analysis and remote sensing (Sponsored by Spatial Analysis and Modeling Specialty Group, Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group)**

*Room:* LaSalle 1 (Paper Session)

ORGANIZER(S): Jane Southworth, U. of Florida; Dr. Perz Stephen, U. of Florida

CHAIR(S): Michael W. Binford, U. of Florida

**2:00** Jane Southworth, Associate Professor\*, U. of Florida; Michael Binford, Full Professor, U. of Florida; Joel Hartter, U. of Florida; Abraham Goldman, Associate professor, U. of Florida; Colin Chapman, Professor, McGill U.; Lauren Chapman, Professor, McGill U., *Linking social and ecological systems in Uganda: Interactions among Protected Areas, Land Cover Change, Land Use and Biodiversity.*

**2:20** Rinku Roy Chowdhury\*, U. of Miami, *Secondary succession in the southern Yucatan, Mexico: Landscape pattern, social dimensions and smallholder land use portfolios.*

**2:40** Claudia M. Stickler\*, U. of Florida; Oriana T Almeida, Instituto de Pesquisa Ambiental da Amazônia; Ane A Alencar, Instituto de Pesquisa Ambiental da Amazônia; Oswaldo Carvalho Jr., Instituto de Pesquisa Ambiental da Amazônia; Daniel C Nepstad, Woods Hole Research Center, *Economic and ecological trade-offs in an expanding agro-industrial frontier: Policy scenarios and market opportunities in the southeastern Amazon's Xingu River headwaters.*

**3:00** Tracy Van Holt\*, U. of Florida, *Fishing for Success in a Social-Ecological System in Southern Chile.*

**3:20** Harini Nagendra\*, Indiana U. - CIPEC, *Forest Conservation in the South Asian Landscape: Patterns, Processes and Driving Forces.*

**4451. New Geographies of Livelihoods (Sponsored by Developing Areas Specialty Group, Cultural and Political Ecology Specialty Group, Latin America Specialty Group)**

Room: LaSalle 2 (Panel Session)

ORGANIZER(S): Jeffrey Bury, San Francisco State U.

CHAIR(S): Jeffrey Bury, San Francisco State U.

Panelists: Jeffrey Bury, San Francisco State U.; Edward R Carr, U. of South Carolina; Kendra McSweeney, The Ohio State U.; Wendy Wolford, U. of North Carolina at Chapel Hill; Thomas A. Perreault, Syracuse U.

**4452. Landscape, Identity, and Perceptions (Sponsored by Cultural Geography Specialty Group)**

Room: LaSalle 3 (Paper Session)

ORGANIZER(S): Chris W. Post, U. of Kansas

CHAIR(S): Chris W. Post, U. of Kansas

**2:00** Chris W. Post\*, U. of Kansas, *Landscape Identity with Antebellum and Civil War Violence in Lawrence, Kansas.*

**2:20** Mark A. Hummer\*, U. of Kansas, *The Cultural Landscape of Salt Lake City, Utah.*

**2:40** Victoria S. Downey\*, U. of Kansas, *The Changing Face of Oahu: Impacts of Japanese Tourism.*

**3:00** Timothy J. Brock\*, U. of Kansas, *Media Landscape Representations in the Yucca Mountain Waste Repository Debate.*

**3:20** Jim Whitworth\*, university of kansas, *Glacial Erratics and a Landscaping Divide.*

**4453. War, Citizenship, Territory (II)**

Room: LaSalle 4 (Paper Session)

ORGANIZER(S): Deborah Cowen, York U.; Emily Gilbert, U. of Toronto

CHAIR(S): Emily Gilbert, U. of Toronto

**2:00** Ghazi Falah\*, U. of Akron, *Israeli Policies of Spatial Takeover: Planning, Ethnic Cleansing and the De-Arabizing of Jerusalem.*

**2:20** Nadia Abu-Zahra\*, U. of Oxford, *Geographic information systems in military and "security" demographic surveillance.*

**2:40** Deborah Cowen\*, York U., *Fighting for 'freedom': The end of conscription in the United States and the neoliberal project of citizenship.*

Discussant(s): Emily Gilbert, U. of Toronto

**4454. Visual Impairment and Navigation**

Room: LaSalle 5 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): James Robert Marston, U. of California Santa Barbara

**2:00** Paporn Thebpanya\*, Towson U., *Changing Pitch, Changing Elevation: An Integration of Sound Variables with Contour Lines to Help Drawing Topographic Profile.*

**2:20** Martin Swobodzinski\*, San Diego State U., *Information needs of the blind for an indoor navigation service.*

**2:40** James Robert Marston\*, U. of California Santa Barbara; Jack L Loomis, UCSB Psychology; Reginald G Golledge, UCSB Geography; Roberta L Klatzky, CMU Psychology, *Using Perceptual Displays including Virtual Sound to Augment the User Interface of GPS Navigation Systems for People who are Blind..*

- 4456. Applied Transportation Research (Sponsored by Applied Geography Specialty Group, Transportation Geography Specialty Group)**  
**Room:** Sandburg 2 (Paper Session)  
 ORGANIZER(S): Barry Wellar, U. of Ottawa  
 CHAIR(S): Jean-Paul Rodrigue, Hofstra U.  
 Introducer: Barry Wellar  
**2:05** Thomas Thevenin\*, U. of Burgundy - THEMA / CNRS; Sonia Chardonnel, PACTE CNRS; Arnaud Banos, Université de Pau et des pays de l'Adour SET / CNRS; Christophe Lang, Université de Franche-Comté LIFC / CNRS; Nicolas Marilleau, Université de Franche-Comté LIFC / CNRS, *From The Household Survey to an Individual Activity Program: A Multi-Agent-Systems Approach.*  
**2:25** Sharada R. Vadali\*, Texas A&M U., Texas Transportation Inst, *Effect of Toll Roads on Property Values.*  
 Discussant(s): T. R. Lakshmanan, Boston U.; Barry Wellar, U. of Ottawa; Nairne Cameron; Jay Baker, Florida State; Dr. Lalita Sen, Texas Southern Univ
- 4457. Globalization, Trade and Regional Development I (Sponsored by Economic Geography Specialty Group)**  
**Room:** Sandburg 3 (Paper Session)  
 ORGANIZER(S): Jurgen Essletzbichler, U. College London; Sebastien M. Breau, U. of California Los Angeles  
 CHAIR(S): Jurgen Essletzbichler, U. College London  
**2:00** Waquar Ahmed\*, Clark U., *Neoliberal Utopia and Urban Realities in Delhi.*  
**2:20** Sébastien Breau\*, U. of California, Los Angeles; David L. Rigby, U. of California, Los Angeles, *Wages, Productivity, and International Trade: Evidence from Microdata for the Greater Los Angeles Area.*  
**2:40** Jurgen Essletzbichler\*, U. College London, *The impact of growth, diversity and trade on regional manufacturing employment volatility in the United Kingdom.*  
**3:00** Jessie P. Poon, Ph.D.\*, U. at Buffalo-SUNY, *The role of American Defence trade in Asia Pacific fragmentation.*  
 Discussant(s): David L. Rigby, Univ of California
- 4458. Emerging computational techniques and technologies in GeoComputation (Sponsored by Geographic Information Science and Systems Specialty Group)**  
**Room:** Sandburg 4 (Paper Session)  
 ORGANIZER(S): Sanjay Rana, U. College London  
 CHAIR(S): David Maguire, ESRI  
**2:00** Alexandre Sorokine\*, Oak Ridge National Laboratory, *Approaches for GIS Visualization on Tiled Multi-Screen Displays.*  
**2:20** Sanjay Rana, Dr\*, U. College London, *Development of ray tracing algorithms in GIS for urban visibility analysis.*  
**2:40** Alastair R. Beresford\*, U. of Cambridge, *Privacy issues in geographic information technologies.*

**4459. Internet GIS - Interoperable Architecture & Systems (Sponsored by Geographic Information Science and Systems Specialty Group)***Room: Sandburg 5 (Paper Session)*

ORGANIZER(S): Chaowei Yang, George Mason U.; Zhong-Ren Peng, U. of Wisconsin, Milwaukee

CHAIR(S): Bin Li, Central Michigan U.

**2:00** Zhong-Ren Peng, Ph.D.\*, U. of Wisconsin, Milwaukee, *Geospatial Information Services for Feature-Level Data Search, Access and Integration.***2:20** Tong Zhang\*, San Diego State U.; Ming-Hsiang Tsou, San Diego State U., *Towards Smart GIServices: Building Cyberinfrastructure for Internet GIS.***2:40** Chuanrong Zhang\*, U. of Wisconsin-Whitewater Geography and Geology Dept; Weidong Li, U. of Wisconsin, *An Open Standard-Based Framework for Geospatial Data Sharing Systems with the Services-Oriented Architecture.***3:00** Chaowei Yang\*, George Mason U.; Ying Cao, George Mason University, *Transportation Framework Services through WFS.***3:20** Xuan Shi\*, West Virginia U., *Encoding GIS Knowledge and Methodology into Semantic Web Services.***4460. Globalization, Postcolonialism and Africa's Second Diaspora (Sponsored by Economic Geography Specialty Group, Africa Specialty Group, Population Specialty Group)***Room: Sandburg 6 (Paper Session)*

ORGANIZER(S): Kefa M. Otiso; Ikubolajeh Logan, Penn State

CHAIR(S): Kefa M. Otiso

**2:00** Charles W. Abbott\*, U. of Iowa, *Nigerians in North America: "Our unity is our strength?."***2:20** B. Ikubolajeh Logan\*, Penn State, *A Conceptual Analysis of Policy Approaches to the Brain Drain From Sub-Saharan Africa.***2:40** Shelly L Habecker, DPhil Candidate\*, U. of Oxford; Jill H Wilson, MA, Brookings Institution, *The lure of the capital city: An anthro-geographic analysis of recent African immigration to Washington, D.C..***3:00** Ian Yeboah\*, Miami U., *Postcolonial Migration of Sub-Saharan Africans to the United States: Ghanaian Migration Trajectories and Settlement in Greater Cincinnati Area..***3:20** Kefa M. Otiso\*, Bowling Green State U., *Comparative Geodemographic Analysis of African Immigrant Streams to the US.***4461. The Rise of the Network Security Society (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group, Communication Geography Specialty Group)***Room: Sandburg 7 (Paper Session)*

ORGANIZER(S): Clayton Rosati, U. of Vermont; Carrie Breitbach, Syracuse U.

CHAIR(S): Clayton Rosati, U. of Vermont

**2:00** Carrie Breitbach\*, Chicago State U., *Securing food or securing the industry: the National Animal Identification System.***2:20** Matt Hidek\*, Syracuse U., *Hidden Societal Vulnerability Within the Confines of the Security State.***2:40** Jamey Essex\*, U. of Windsor, *USAID and trade capacity building: Development, security, and the state.*

**3:00** Clayton Rosati\*, U. of Vermont, *The Terror of Communication: Critical Infrastructure and the Culture of Security*.

Discussant(s): Scott Kirsch, U. of North Carolina

**4462. Responsible Tourism (Sponsored by Recreation, Tourism, and Sport Specialty Group)**

*Room:* Sandburg 8 (Paper Session)

ORGANIZER(S): Ms. Caroline Scarles; Ms. Lyn Leader-Elliott, Flinders U.

CHAIR(S): Dallen J. Timothy, Arizona State U.

**2:00** Kirsty Blackstock\*, Macaulay Institute; Gillian McCrum, Macaulay Institute; Alister Scott, Macaulay Institute; Colin Hunter, U. of Aberdeen, *Measuring Responsibility: An Appraisal of a Scottish National Park's Sustainable Tourism Indicators from the Standpoint of Responsible Tourism*.

**2:18** Carlos Germann\*, Heritage Resources Branch, Government of Saskatchewan, *Working Towards Responsible Tourism: Visitor Etiquette at Aboriginal Sacred Sites in Saskatchewan, Canada*.

**2:36** Caroline Scarles\*, U. of Bristol, *Responsible Marketing and Marketing Responsibility*.

**2:54** Lyn Leader-Elliott, Senior Lecturer\*, Cultural Tourism, Flinders U.; Sonia K Kleindorfer, Dr, Ecotourism Flinders U.; Greg Kirby, Dr, Ecotourism, Flinders U.; Jeremy Robertson, Dr, Ecotourism, Flinders U.; Jane James, A/Prof, Cultural Tourism, Flinders university; Chris Fanning, Lecturer, Cultural Tourism, Flinders U., *Ethical Interpretation for Responsible Tourism: an integrated approach..*

**3:12** Gerard E Corsane\*, International Centre for Cultural and Heritage Studies, U. of Newcastle upon Tyne, *Finding alternatives to 'imposed tourism': the ecomuseum ideal, sustainable development and responsible tourism*.

Discussant(s): Dallen J. Timothy, Arizona State U.

**4463. Landscapes and Memory**

*Room:* Montrose 1 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Michael Ripmeester, Brock U.

**2:00** Esther Beckmann\*; Jeffrey J. Gordon, Bowling Green State U., *Transmitting Personal Geography and Identity by means of Pictorial Gravestones*.

**2:20** Wilbur Zelinsky\*, Pennsylvania State U., *Religious Expression in North American Cemeteries Across Region And Period: A Startling Revelation*.

**2:40** Sarah Wynard Lyon\*, RGS - IBG, *World Heritage Sites In The U.K*.

**3:00** Michael Ripmeester\*, Brock U., *It seemed important at the time: popular memory and the Private Watson Memorial..*

**4464. The ISSC International Global Social Change Program**

*Room:* Montrose 2 (Panel Session)

Panelists: Ronald F. Abler, International Geographical Union; Barbara R. Bailey, Ptolemy Enterprises; Peter J. Taylor, Loughborough U.

**4465. Geographies of Urban Conduct 1***Room: Montrose 3 (Paper Session)*

ORGANIZER(S): Kurt Iveson; Joe Painter, U. of Durham

CHAIR(S): Joe Painter, U. of Durham

Introducer: Joe Painter

**2:05** Kate Swanson, PhD\*, U. of Glasgow, *Revanchist Urbanism Heads South: The Regulation of Indigenous Beggars on the Streets of Ecuador.***2:24** Sarah Moore\*, U. of Arizona, *Depoliticizing the City Center: Transforming Public Space in Oaxaca, Mexico.***2:43** Kurt Iveson, Dr\*, School of Geosciences, U. of Sydney, *Governing Aboriginality in Australian Cities.***3:02** Nathan Lee Clough, Ph.D. student\*, U. of Minnesota; Robert Vanderbeck, Ph.D., U. of Leeds, *Challenging 'Neoliberal Publicity' in a Business Improvement District.***3:21** Laam Hae\*, Syracuse U., *Zoning Out Dancing in New York City: Changing Landscapes of Alternative Cultures in Neoliberal Urbanism.***4469. Location science session in honor of Charles ReVelle (Sponsored by Spatial Analysis and Modeling Specialty Group)***Room: Montrose 7 (Paper Session)*

ORGANIZER(S): Timothy C. Matisziw, The Ohio State U.

**2:00** Timothy C. Matisziw\*, The Ohio State U.; Alan T. Murray, The Ohio State U., *The Contributions of Professor Charles S. ReVelle.***2:19** Michael J Kuby\*, Arizona State U.; Seow Lim, Arizona State U.; Christopher D Upchurch, U. of Utah, *Dispersion of Nodes Added to a Network.***2:38** Arika Ligmann-Zielinska\*, San Diego State U.; Richard Church, PhD, U. of California Santa Barbara; Piotr Jankowski, PhD, San Diego State U., *Density-Based Design Constraint for Compact and Contiguous Land Allocation.***2:57** Mark W. Horner\*, Florida State U., *Spatial Modeling for Hurricane Disaster Relief: Contextual Background and a Multi-Level Optimization Approach.***3:16** Samuel Ratick, Clark U.; Jeffrey Osleeb\*, U. of Connecticut, *A Multiobjective Hierarchical Maximal Covering Model for Siting Systems of Medical Facilities: With Application to Developing Countries.***4470. Disaster Response***Room: Burnham 1 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Clio Andris

**2:00** Clio M. Andris\*, Boston U. Department of Geography; Lauren Paletta, Boston U.; Sangram Ganguly, Boston U. Department of Geography; Suchi Gopal, PHD, Boston U. Department of Geography, *Exploring the Relationship between the Social Geography and Environmental Susceptibility of the New Orleans Region.***2:20** Brent A Doberstein, Dr.\*, U. of Waterloo, *Adaptive hazard mitigation and disaster risk management: the case of Jimani, Dominican Republic.***2:40** Molly McGraw\*, Southeastern Louisiana U., *Trashing New Orleans.***3:00** Ute J. Dymon, Professor\*, Kent State U., *The Use of GIS Technology In Debris Removal After Major Disasters.*



**4471. Post-Socialism IX: Approaches to Geographic Research (Sponsored by Russian, Central Eurasian, and East European Specialty Group, Political Geography Specialty Group)**

*Room:* Burnham 2 (Panel Session)

ORGANIZER(S): Mr. Ian Muehlenhaus, U. of Minnesota

CHAIR(S): Mr. Ian Muehlenhaus, U. of Minnesota

Discussant(s): Mr. Ian Muehlenhaus, U. of Minnesota; John Pickles, U. of North Carolina; Adrian Smith, Queen Mary U. of London; Beth Mitchneck, U. of Arizona; Joanna Regulaska, Rutgers U.

**4473. Hazards Loss and Recovery**

*Room:* Burnham 4 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Devon A. Hansen, U. of North Dakota

**2:00** Bandana Kar, PhD Candidate\*, Department of Geography, U. of South Carolina at Columbia, *Spatio-temporal Distribution of Hazard Loss in the USA.*

**2:20** John C. Rodgers, Dr. \*, Mississippi State U., *Spatial patterns of hurricane damage to populations of Casuarina equisetifolia L., a problematic invasive species on San Salvador Island, The Bahamas.*

**2:40** Lauren Z. Maples\*, Texas State U.-San Marcos; Steven Gray, Texas State U. - San Marcos, *Environment of Risk: An Examination of Mortalities on Flooded Roadways in Texas, 1950-2004.*

**3:00** Devon A. Hansen\*, U. of North Dakota, *Housing Recovery after Natural Disasters: The 1997 Flood Impacts on Communities along the Red River of the North.*

**4474. Spaces of Neo-Liberalism In Asian “Developmental States” I (Sponsored by Economic Geography Specialty Group, Political Geography Specialty Group, Asian Geography Specialty Group)**

*Room:* Burnham 5 (Paper Session)

ORGANIZER(S): Bae-Gyoon Park, National U. of Singapore; Asato Saito, National U. of Singapore

**2:00** Asato Saito\*, National U. of Singapore, *State-space relations in transition: Regional planning policy in Japan.*

**2:20** FUJIO MIZUOKA\*, Graduate School of Economics, Hitotsubashi U., *Manipulation of Market Incentive in An Urban Redevelopment Scheme.*

**2:40** Yong-Sook Lee\*, National U. of Singapore, *Competitiveness or equity? Critical reflections on the innovative cluster policies in South Korea.*

**3:00** Bae-Gyoon Park\*, National U. of Singapore, *A Spatial Process of Neo-liberalization in the Asian Developmental States: Spatially Selective Liberalization in South Korea and Malaysia.*

Discussant(s): Richard Hill

**4:00 p.m. – 5:40 p.m.****4501. Geography of Aging**

Room: Salon 1 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Joao Francisco de Abreu, Catholic U. of Minas Gerais-Brazil

**4:00** Jessica L Stowell, Graduate student\*, Northern Illinois U., *An Exploratory Spatial Analysis of Alzheimer's Disease Events in Montreal, Ontario and Vancouver, British Columbia.*

**4:20** Maurizio Antoninetti\*, San Diego State U., *Stuck in Place. The New Geography of Retirement..*

**4:40** Anne-Marie Seguin\*, INRS-UCS; Philippe Apparicio, U. of Quebec (INRS-UCS); Nicolas Rahir, U. of Quebec (INRS-UCS), *Population ageing in the Montreal metropolitan area and the issue of accessibility to urban resources.*

**5:00** Dianne T. Thompson\*, US Dept of Housing and Urban Development, *The Section 202 Supportive Housing for the Elderly Program: The Impact of Place on Quality of Life Among Elderly Tenants.*

**5:20** Joao Francisco de Abreu\*, Catholic U. of Minas Gerais-Brazil, *Movement Geography-Visualizing Elderly Migration in Brazil using 1995-2000 Data.*

**4502. Hurricanes V: Paleotempestology from Biological and Geological Records (Sponsored by Climate Specialty Group, Biogeography Specialty Group, Coastal and Marine Specialty Group)**

Room: Salon 2 (Paper Session)

ORGANIZER(S): Kam-Biu Liu, Louisiana State U.

CHAIR(S): James B. Elsner, Florida State U.

**4:00** Claudia Mora\*, Dept. Earth and Planetary Sciences, U. of Tennessee-Knoxville; Dana L Miller, Dept. Earth and Planetary Sciences, U. of Tennessee-Knoxville; Henri D. Grissino-Mayer, Dept. Geography, U. of Tennessee-Knoxville, *Tree-ring oxygen isotope records of climate modes influencing North Atlantic hurricane occurrence.*

**4:20** Whitney L. Kocis\*, U. of Tennessee; Henri D. Grissino-Mayer, U. of Tennessee; Claudia I. Mora, U. of Tennessee, *Tropical Cyclone Activity in South Carolina Recorded by Oxygen Isotopes in Tree-Ring Cellulose.*

**4:40** Nicholas Robert Doner\*, U. of South Carolina (Columbia), *Meteorological aspects of Carolina landfalling hurricanes and their associated impact of forest vegetation..*

**5:00** Daniel P Lane\*, MIT/WHOI; Jeff Donnelly, Ph.D., Woods Hole Oceanographic Institute; Jess Tierney, Woods Hole Oceanographic Institute; Jon Woodruff, MIT/WHOI; Elyse Scileppi, Woods Hole Oceanographic Institute, *A Record of Intense New England Hurricanes Preserved in Kettle Pond Sediments near Buzzards Bay, Massachusetts.*

**5:20** Jennifer Hathorn\*, Louisiana State U.; Kam-biu Liu, Department of Geography and Anthropology, Louisiana State U., *Late Holocene paleoecology and paleotempestology of the Pascagoula Marsh, Mississippi.*

**4504. Canadian Economic and Urban Geography***Room:* Salon 4 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Richard Shearmur, INRS-UCS

**4:00** Hanna Maoh\*, McMaster U.; Pavlos Kanaroglou, McMaster U., *The location of firms in the city of Hamilton, Canada: A micro-analytical model approach.***4:20** David Doloreux\*, UQAR-Canada Research Chair in Regional Development, *Innovation and knowledge networks in Regional Clusters: The Case of the Quebec's Coastal Maritime Cluster.***4:40** Anneliese L Vance\*, SUNY U. at Buffalo, *The strategic responses of Canadian and U.S. exporters to increased U.S. border security measures: a firm-level analysis.***5:00** Richard Shearmur, Professor\*, INRS, Urbanisation, Culture et Société, *The Canadian Urban System, Keno Capitalism and Chicago School Explanations.***4505. Geographic Approaches to Understanding Karst: in Memory of George N. Huppert***Room:* Salon 5 (Panel Session)

ORGANIZER(S): Percy H. Dougherty, Kutztown U. of Pennsylvania

Panelists: John All, Western Kentucky U.; Robert Brinkmann, U. of South Florida; George A. Brook, U. of Georgia; Percy H. Dougherty, Kutztown U. of Pennsylvania; Rhonda Glennon, ESRI

**4506. European Migration: Origins and Destinations***Room:* Salon 6 (Paper Session)

This session is a continuation of the previous timeslot, 4108.

**4508. Land Use Cover Change III***Room:* Salon 8 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Dwight A. Brown, U. of Minnesota - Minneapolis

**4:00** Helen D Hazen\*, U. of Minnesota; Peter J Anthamatten, U. of Minnesota, *Representation of Ecological Regions by Protected Areas at the Global Scale.***4:20** Wei Luo, Ph.D.\*, Northern Illinois U.; John F Hartmann, Ph.D., Northern Illinois U.; Fahui Wang, Ph.D., Northern Illinois U., *Terrain Characteristics of Watershed Basins Containing Tai Place Names (Using the Term Muang as an Example).***4:40** Lin Cassidy\*, U. of Florida, *Understanding Land-Use and Land-Cover Change Through a Complex Adaptive Systems Approach: A Cross-Border Study of Sisaket, Thailand and Ordor Mean Chey, Cambodia.***5:00** William F Welsh, PhD\*, Dept of Geography and Geology, Eastern Michigan U., *Soil Moisture Flux and Agricultural Activity Patterns in Northeast Thailand.***5:20** Dwight A. Brown\*, U. of Minnesota - Minneapolis, *Views of Biogeography History from Klima to Polycomplex Biogeographical Systems through Artificial Neural Networks.*

**4509. Commuting Patterns and Aggregates Flow**

Room: Salon 9 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mr. Dimitris Potoglou, McMaster U.

4:00 Amber Blake\*, U. of Montana, *Transportation Mode Choice: Commuting Practices of University of Montana Students.*

4:20 Xuwei Chen\*, Texas State U.- San Marcos; F. Benjamin Zhan, Texas State U.-San Marcos, *Commute Patterns in Central Texas.*

4:40 Marjolijn van der Klis\*, U. of Amsterdam, the Netherlands, *Leisure time experiences of commuter partnerships in the Netherlands.*

5:00 Dimitris Potoglou\*, McMaster U.; Pavlos S. Kanaroglou, McMaster U., *A Model of Automobile Ownership Using Accessibility And Family Structure: An Application To Hamilton, Canada.*

**4510. Fifth Annual James Anderson Distinguished Lecture in Applied Geography**

Room: Salon 10 (Paper Session)

ORGANIZER(S): Barry Wellar, U. of Ottawa

CHAIR(S): Barry Wellar, U. of Ottawa

Introducer: Barry Wellar

4:15 T. R. Lakshmanan\*, Boston U., *Fifth Annual James Anderson Distinguished Lecture in Applied Geography.*

Discussant(s): Barry Wellar, U. of Ottawa

**4511. Geographies of Caregiving (Sponsored by Geographic Perspectives on Women Specialty Group, Medical Geography Specialty Group)**

Room: Salon 11 (Paper Session)

ORGANIZER(S): Valorie Crooks; Allison Williams, McMaster U.

CHAIR(S): Valorie Crooks

4:00 Meredith B. Lilly, PhD Candidate\*, U. of Toronto, *Medical versus Social Healthcare Settings in Canada: Wage Differences for Personal Support Work Between Hospital and Home.*

4:20 Ann Varley\*, UCL (U. College London), *Caregiving and the home: a story of dementia.*

4:40 Stephen Healy\*, Miami U., *"Caring for Ethics and the Politics of Health Care Reform".*

5:00 Allison M. Williams, Ph.D.\*, McMaster U.; Crooks Valorie, Ph.D., York Institute for Health Research York U., Toronto, ON; Kelli Stadjuhar, Ph.D., Centre for Aging, U. of Victoria; Robin Cohen, Ph.D., SMBD Jewish General Hospital, "Convent" Site, Montreal, PQ, *An Evaluation of Canada's Compassionate Care Benefit (Ccb): An Examination of Socio-Spatial Themes.*

**4512. Visualization III: Empirical and Education (Sponsored by Cartography Specialty Group)**

Room: Salon 12 (Paper Session)

ORGANIZER(S): Amy Lobben, U. of Oregon; Robert M. Edsall, Arizona State U.

CHAIR(S): Amy Lobben, U. of Oregon

4:00 Candice R Luebbering, MS student\*, Virginia Tech; Laurence W. Carstensen\*, Virginia Tech U., *Map Reading Efficiency on Variable Format High-Resolution Displays.*

- 4:20 Sara Irina Fabrikant\*, U. of Zurich, *Thematic relevance and perceptual salience in static weather maps.*
- 4:40 Maureen Kelley\*, U. of Oregon; Megan Lawrence, U. of Oregon; Lorin Groshon, U. of Oregon; Jon McConnell, U. of Oregon; Amy Lobben, U. of Oregon, *Route Planning Strategies Using Different Environmental Representations.*
- 5:00 Michael P. Peterson\*, U. of Nebraska - Omaha; Georg Gartner, Ph.D., Technical U. of Vienna, Cartography Research Group, *Educating the Internet Cartographer.*
- 5:20 William Cartwright, PhD, EdD\*, RMIT U., *Experiencing a geography for enhanced tool use: trading learning time for a greater understanding of virtual landscapes.*

**4513. Relentless Geographies: Energy, Environment, and Sustainable Livelihoods**

Room: *Cresthill Room 11* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Gregory Simon, U. of Washington

4:00 Lisa Marshall\*, Department of Geography, UNC - Chapel Hill, *The Geography of the Nuclear Movement: science, safety and security in the 21st century.*

4:20 Aron Massey\*, Kent State U., *The Political Ecology of Mountaintop Removal Coal Mining in Central Appalachia.*

4:40 Vanessa Empinotti\*, U. of Colorado - Boulder, *How does a public good become a private good? The case of the São Francisco River Water Diversion Project in Brazil.*

5:00 Derrick Hindery, Ph.D.\*, U. of California Los Angeles; U. of Southern California, *Liquified Natural Gas Projects and their Impacts in South America and the Southwestern United States.*

5:20 Gregory Simon\*, U. of Washington, *Indoor Environments as Active Political-Ecological Spaces: The Case of Improved Cookstove Programs and "Healthy" Homes in India.*

**4514. Current status and trends in spatial statistics in geography. (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group)**

Room: *Crystal Room* (Panel Session)

CHAIR(S): Arthur Getis, San Diego State U.

Introducer: Arthur Getis

Panelists: Keith Ord, Georgetown U.; Luc Anselin, U. of Illinois; Dr. Daniel A. Griffith, U. of Texas @ Dallas

**4516. Blown Away: Geography of Wind in the U.S.**

Room: *Private Dining Room 5* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Susan Casey, Department of Geography & Environmental Studies, Northeastern Illinois University

4:00 Brian M. Cacchiotti, MA Candidate\*, U. of Minnesota, *Wind and wind power variability in south central Minnesota.*

4:20 Mark Giesken\*, U. of Oklahoma, *Economic Impact of Wind Farm Development in Oklahoma.*

4:40 Jongnam Choi\*, Western Illinois U.; Roger Brown, The Illinois Institute for Rural Affairs, Western Illinois U., *Documenting Wind Energy Potential for Illinois.*

5:00 J Anthony Abbott, Ph.D.\*, Stetson U., *Blow Wind, Blow! Go Mill, Go! Stakeholder Interpretations of Environmental Protection for Permitting Wind Power Facilities.*

5:20 Susan Casey\*, Dept. of Geography & Environmental Studies, Northeastern Illinois U., *Tilting at Windmills: Opposition to a Wind Energy Project in Bureau County, Illinois.*

**4517. Human Impacts in Geomorphology (Sponsored by Geomorphology Specialty Group)**

Room: *Private Dining Room 6* (Paper Session)

ORGANIZER(S): William H. Renwick, Miami U.

CHAIR(S): William H. Renwick, Miami U.

4:00 Dan Royall\*, UNC-Greensboro; Deborah Shoffner, UNC-Greensboro; Anita Henderson, UNC-Greensboro, *Hydraulic Biotope Composition in Urban and Rural Piedmont Streams.*

4:20 Martin Roberge\*, Towson U., *Timing and response of stream morphology to urbanization.*

4:40 Anne Chin\*, Texas A&M U.; Herve Piegay, CNRS; Kenneth J. Gregory, U. of Southampton; Stanley V. Gregory, Oregon State U.; Melinda D. Daniels, U. of Connecticut; Michael A. Urban, U. of Missouri; Wendy Bigler, Southern Illinois U. Carbondale; Anya Butt, Central College; Judith L. Grable, Valdosta State U.; Ellen E. Wohl, Colorado State U., *Perceptions of wood in rivers and challenges for stream restoration.*

5:00 James A Hyatt, Dr. \*, Eastern Connecticut State U.; Andrew H Ivester, Dr., U. of West Georgia; Tim Chowns, Dr., U. of West Georgia, *Sedimentary Records of Human-Induced Landscape Change Associated with Massive Soil Erosion in Georgia.*

5:20 William H. Renwick\*, Miami U.; Zac D. Anderek, Miami U., *Reservoir sedimentation in Ohio: Evidence of long-term trends in erosion and sediment delivery.*

**4518. AAG Healthy Departments Panel Discussion**

Room: *Private Dining Room 7* (Panel Session)

ORGANIZER(S): Victoria A. Lawson, U. of Washington

CHAIR(S): Victoria A. Lawson, U. of Washington

Introducer: Victoria A. Lawson

Panelists: Kavita K. Pandit, U. of Georgia; James W. Harrington, Jr., U. of Washington; Nancy Wilkinson, San Francisco State U.; Sarah Witham Bednarz, Texas A&M U.

**4519. Tourism and Service Delivery in Indigenous Areas (Sponsored by Indigenous Peoples Specialty Group)**

Room: *Private Dining Room 8* (Paper Session)

ORGANIZER(S): Dr. RDK Herman, Towson U.

CHAIR(S): Dr. RDK Herman, Towson U.

4:00 Chantelle A.M. Richmond, Ph.D. Candidate\*, McGill U.; Nancy A. Ross, Ph.D., McGill U.; Grace M. Egeland, Ph.D., McGill U., *Social support and health in place: An exploration among the Canadian Aboriginal population.*

**4:20** Sarah Prout, PhD Candidate\*, Macquarie U., *Population mobilities and the provision of essential services: Aboriginal experience in the Murchison region of Western Australia.*

**4:40** Joseph J. Hobbs\*, U. of Missouri, *Soft Sedentarization: Bedouin Tourist Stations as a Response to Drought in Egypt's Eastern Desert.*

**5:00** Soren Larsen\*, U. of Missouri, *Landscapes of Leisure among Western Dakelh (Carrier) Communities in British Columbia.*

**4520. El Estado Actual de la Geografía en Países Hispanoamericanos (Sponsored by Association of American Geographers, Latin America Specialty Group)**

*Room: Private Dining Room 9 (Panel Session)*

ORGANIZER(S): Patricia Solís, Association of American Geographers; David J. Robinson, Syracuse U.

CHAIR(S): Patricia Solís, Association of American Geographers

Introducer: Patricia Solís

Introducer: David J. Robinson

Discussant(s): Ines M. Miyares, Hunter College

Panelists: Hugo Romero, Universidad De Chile; Alberto McKay, U. of Panama; Ana María Liberali, Centro De Estudios Alexander Von Humboldt; Hildegardo Córdova-Aguilar, La Católica; Jose Luis Palacio-Prieto, National U. of Mexico

**4526. 2006 Antipode AAG Lecture**

*Room: Monroe Ballroom (Illustrated Paper Session)*

ORGANIZER(S): Noel Castree; Melissa W. Wright, Penn State U.

CHAIR(S): Noel Castree

**4528. Transit Design and Travel Patterns**

*Room: Parlor A (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Bradley Lane, Indiana U.

**4:00** Jessica E. Moss, Geography Undergraduate\*, U. of Cincinnati, *Transit Route Design: Using the Old to Create the New.*

**4:20** Greg Alan Rybarczyk, Doctoral Student\*, U. of Wisconsin-Milwaukee; Changshan Wu, Assistant Professor, U. of Wisconsin-Milwaukee, *Using Gis and a Multi-Criteria Decision Analysis for Bicycle Facility Planning: A Case Study in Milwaukee, Wisconsin.*

**4:40** Jason B. Greenberg\*, Sullivan U., *Light Rail Transit New Starts in the United States from 1997 to 2003: A Comparative Analysis.*

**5:00** Bradley Lane\*, Indiana U., *An Analysis of Travel Patterns Around New Rail Stations in US Cities.*

**4530. Invasive Species and Pests**

*Room: Parlor C (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Ms. Sarah Mason, South Dakota State U.

**4:00** Moneen Marie Jones\*, Northeastern Illinois U., *The Distribution and Habitat of the ladybird beetle *Harmonia axyridis* (Coleoptera: Coccinellidae) by survey throughout Illinois Landscape.*

- 4:20 Andrew Scott Foy\*, Virginia Tech, *Examination of the North American Native Bees' Ability to Pollinate and an Analysis on Habitat Classification and Change.*
- 4:40 Kent Mathewson\*, Louisiana State U.; Frederick W. Sunderman, Dr., Saginaw Valley State U., *Invasive Species and Other Aliens in the American South.*
- 5:00 Erick Sanchez Flores\*, U. of Arizona, *Natural and Human Factors Affecting the Potential Distribution of Invasive Plants within The Pinacate Biosphere Reserve.*
- 5:20 Sarah Dawn Mason\*, South Dakota State U., *Projected Impacts of the Emerald Ash Borer in South Dakota's Community Forests.*

**4531. Airline Flows and Pricing**

Room: *Parlor D* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Wei Song, U. of Louisville

- 4:00 Gang Gong\*, Sam Houston State U., *Spatial Econometric Analysis of US Air Travel Cost Using Origin and Destination Survey Data.*
- 4:20 Sean Tierney\*, U. of Denver; Andrew R Goetz, U. of Denver; Tim M Vowles, Victoria U. of Wellington, New Zealand, *Size vs. Profitability: An Historical Examination of U.S. Airlines' Financial Situation.*
- 4:40 Keiron D Bailey, PhD\*, U. of Arizona, *Mileage runners, weed eaters and the "R" bucket: an actor network investigation of the geographies of elite frequent fliers.*
- 5:00 Brooks C. Pearson\*, U. of Central Arkansas, *The Evolution of the Caribbean Air Transportation Network, 1920- 2000.*
- 5:20 Wei Song\*, U. of Louisville, *Analysis of Air Passenger Flows among Major Metropolitan Areas in China.*

**4532. U.S. Forests Past and Present: Ecological Change Analysis using Presettlement Land Surveys (Sponsored by Biogeography Specialty Group)**

Room: *Parlor E* (Paper Session)

ORGANIZER(S): Yi-Chen Wang, National U. of Singapore

CHAIR(S): Yi-Chen Wang, National U. of Singapore

- 4:00 Yi-Chen Wang\*, National U. of Singapore; Barry Joel Kronenfeld\*, George Mason U., *Calibrating a model of the spatial structure of presettlement forests in western New York using modern forest inventory data.*
- 4:20 James M. Dyer\*, Ohio U., *Land-Use Legacies in Central Appalachian Forest Communities.*
- 4:40 Joy Nystrom Mast\*, Carthage College; Melissa Martin, Northern Arizona U., *Reconstructing Historical Reference Conditions in the Coconino and Kaibab National Forests (Arizona) from a 1900 Timber Survey.*
- 5:00 Christina M. Hupy\*, Michigan State U., *Reconstruction of forest composition in central Lower Michigan using Public Land Survey data and hierarchical cluster analysis.*
- 5:20 Andrew Scholl\*, Pennsylvania State U., *100 years of Vegetation Change in Mixed Conifer Forests of Yosemite National Park.*



**4533. Perspectives on Geographic Complexity 1: Validation of Land Change Models (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group)**

*Room:* Parlor F (Paper Session)

ORGANIZER(S): Peter J. Deadman, U. of Waterloo; Robert Gilmore Pontius, Jr., Clark U.

CHAIR(S): Daniel G. Brown, U. of Michigan

**4:00** Alex Hagen-Zanker\*, Research Institute for Knowledge Systems, *Evaluating the morphological quality of land use models.*

**4:20** Tom Evans\*, Indiana U., *Validation Approaches for Agent-based Models of Land Cover Change.*

**4:40** Peter J. Deadman\*, U. of Waterloo, *Comparing the factors influencing land use change in Altamira, Brazil: An agent based modelling approach..*

**5:00** Robert Gilmore Pontius Jr\*, Clark U.; Robert Walker, Michigan State U.; Robert Yao-Kumah, Clark U.; Eugenio Arima, Michigan State U.; Stephen Aldrich, Michigan State U., *Quantitative assessment for a model of Amazonian deforestation.*

**4534. Spaces of New Urbanism (II) (Sponsored by China Specialty Group)**

*Room:* Parlor G (Paper Session)

ORGANIZER(S): Prof. Fulong Wu; Si-Ming Li, Hong Kong Baptist Univ

CHAIR(S): Prof. Fulong Wu

**4:00** Andrew M. Marton\*, U. of Nottingham, *Spaces of Practice and Spaces of Representation in the Lower Yangzi Delta: The Urban Echo in Kunshan.*

**4:20** Karl E. Ryavec\*, U. of Wisconsin at Stevens Point, *New Towns in Tibet: Findings from China's 1990 and 2000 Censuses.*

**4:40** Jessica Wilczak, M.A. (Economics)\*, U. of Toronto, *Negotiating Space in the Hierarchy: Policy and Planning in China's Urban Districts.*

**5:00** Paul H Hammond\*, *Community Eclipse in Shanghai's Lilong.*

Discussant(s): Prof. Laurence J.C. Ma, The U. of Akron

**4535. Author Meets Critics: The New Berlin by Karen Till (Sponsored by Qualitative Research Specialty Group, Urban Geography Specialty Group, Cultural Geography Specialty Group)**

*Room:* Parlor H (Panel Session)

ORGANIZER(S): Patricia Ehrkamp, Miami U. of Ohio

Discussant(s): Karen Till, Royal Holloway, U. of London

Panelists: Dr. Tim Edensor, Manchester Metropolitan U.; Ute Lehrer, York U.; David Pinder, Queen Mary, U of London; Prof. Owen Dwyer, III, Indiana U., Indianapolis; Patricia Ehrkamp, Miami U. of Ohio

- 4537. Gender and the neoliberal city: Politics, place, and resistance (Sponsored by Geographic Perspectives on Women Specialty Group, Urban Geography Specialty Group)**  
*Room: Dearborn 1 (Paper Session)*  
 ORGANIZER(S): Leslie Kern, York U.; Brenda Parker, U. of Wisconsin-Madison  
 CHAIR(S): Gerda R. Wekerle, York U.  
 Introducer: Gerda R. Wekerle  
**4:05** Susan Lynne Robertson, B.Sc., M.E.S.(PI)\*; Gerda R. Wekerle, PhD, RPP, York U., *Gender, Growth Politics and an Ethic of Care in an Exurban Region.*  
**4:25** Leslie Kern, MA\*, York U., *Private lives, private city: Women condominium owners and the negotiation of privatized spaces and lifestyles of condominium development in Toronto.*  
**4:45** Phil Hubbard\*, Loughborough U., *Re-regulating sex work in the neoliberal city.*  
**5:05** Brenda Parker\*, U. of Wisconsin-Madison, *Masculinities and Markets: Gender and the Neoliberal City.*  
 Discussant(s): Prof. Wendy Larner, U. of Bristol
- 4538. Measuring Geographic Learning and Performance II (Sponsored by Geography Education Specialty Group)**  
*Room: Dearborn 2 (Paper Session)*  
 ORGANIZER(S): Robert S. Bednarz, Texas A&M U.  
 CHAIR(S): Robert S. Bednarz, Texas A&M U.  
 Introducer: Robert S. Bednarz  
**4:05** Jongwon Lee\*, Association of American Geographers, *Development of Internet-based spatial skills test.*  
**4:25** Cary Komoto\*, UW - Barron County; Karl Byrand, UW - Sheboygan, *Using Assessment and Lesson Study to Improve Learning.*  
**4:45** Janet Smith\*, Shippensburg U., *Textbook Maps: Are they Developmentally Appropriate?.*  
**5:05** Lynn Songer, Ph.D. Student\*, U. of Oregon; Amy Lobben, Assistant Professor, U. of Oregon; Susan Hardwick, Professor, U. of Oregon, *Assessing Student Outcomes in an Introductory Human Geography Course.*  
 Discussant(s): Robert S. Bednarz, Texas A&M U.
- 4539. Cultural Geographies Annual Lecture: Bruce Braun "The Biopolitics of Molecular Life"**  
*Room: Dearborn 3 (Panel Session)*  
 ORGANIZER(S): Mona Domosh, Dartmouth College  
 CHAIR(S): Dr. Philip Crang, Royal Holloway, U. of London
- 4541. Waste Management and Local Communities: Conflict, Coping and Cooperation**  
*Room: Clark 1 (Paper Session)*  
 ORGANIZER(S): Virginia Maclaren, U. of Toronto  
 CHAIR(S): Virginia Maclaren, U. of Toronto  
**4:00** Jamie Baxter\*, U. of Western Ontario, *Explaining variability of concern near the hazardous waste facility at Swan Hills, Alberta, Canada.*

- 4:20** Jessica L. Sousa, B.A. (Hons.)\*, School of Geography and Earth Sciences, McMaster U.; Susan J. Elliott, Ph.D., School of Geography and Earth Sciences, McMaster U., *Residents' Reappraisal of a Landfill Site: A Case Study in Stoney Creek, Ontario*.
- 4:40** Tuan Quang Nguyen, U. of Toronto; Virginia Maclaren\*, U. of Toronto, *The Emergence of Environmental Activism in Vietnam: A Case Study of Landfill Opposition*.
- 5:00** Kate Parizeau, MScPI\*, U. of Toronto, *Budget-sheets and Buy-in: The need for political and community support in the financing of a community-based waste management project*.

**4543. Human agency and resilience to environmental shocks among the rural poor in Latin America (Sponsored by Cultural and Political Ecology Specialty Group, Hazards Specialty Group, Latin America Specialty Group)**

Room: Clark 3 (Paper Session)

ORGANIZER(S): Mr. Christian Abizaid, McGill U.; Oliver T. Coomes, McGill U.

CHAIR(S): Oliver T. Coomes, McGill U.

- 4:00** Maya Manzi, M.A.\*, McGill U.; Oliver T. Coomes, Dr., McGill U., *Abrupt Environmental Change in the Peruvian Amazon: Resilience among Poorer Households in a Mestizo Community*.
- 4:20** Christian Abizaid\*, McGill U., *Human occupation and river channel dynamics: changes in riverine settlement in response to a meander cut-off on the Central Ucayali, Peru*.
- 4:40** Kendra McSweeney\*, The Ohio State U., *Smallholder Resilience to Hurricane Mitch in Honduras*.
- 5:00** Oliver T. Coomes\*, McGill U., *Peasant adaptation to fluvio-geomorphological change: a case of river capture in the Peruvian Amazon*.

**4546. Technonatures IV - Session 3: Technonatural Urban Waterscapes**

Room: Clark 7 (Paper Session)

ORGANIZER(S): Erik Swyngedouw; Dr. Damian White, James Madison U.

CHAIR(S): Dr. Maria Kaika, School of Geography, Oxford

- 4:00** Loftus Alex\*, Royal Holloway & Bedford New, *Working the socio-natural relations of the urban waterscape. Towards a non-essentialist, feminist historical materialism*.
- 4:20** Mark T. Kear, MA\*, U. of Toronto, *Producing postindustrial nature on Vancouver's waterfront*.
- 4:40** Kathryn M Furlong\*, U. of British Columbia, *The Production of Urban Technosocial Waterscapes under Neoliberalization: A Theoretical Framework for Approaching the Development of New Governance-Technique Nexuses in Canada's Water Sector*.
- 5:00** Gene Desfor, Ph.D., York U.; Scott Prudham, Ph.D.\*, U. of Toronto, *Industrializing nature, naturalizing the urban: Socio-natural transformations of Toronto's industrial waterfront*.

**4548. Political Geographies and the Geographies of Politics - From Asia to America**

Room: Clark 9 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mr. Richard Middleton

4:00 Demian Hommel\*, U. of Oregon, *The Wisdom of In-security: Geographies of Conflict and Discourses of Security in Thailand's 'Restive' South.*4:20 B. James Soukam\*, Cornell U., *Development Decentralization in Laos: Swimming against the Current.*4:40 Karen Culcasi\*, Syracuse U., *Alternative Constructions of the "Middle East.": Egyptian Cartography of Independence and the Pan-Arab Movement, 1919-1967.*5:00 J Todd Nesbitt\*, Lock Haven U. of Pennsylvania, *Ulster-Scots vs. Scots-Irish: A Comparative Look at Parallel Identities.*5:20 Richard S Middleton\*, UCSB/Los Alamos National Laboratory; Juan C Duque, Department of Geography, San Diego State U., *Geography and Gerrymandering: A Location Science Approach.***4549. Teaching European Identities (Sponsored by European Specialty Group, Political Geography Specialty Group, Cultural Geography Specialty Group)**

Room: Clark 10 (Panel Session)

ORGANIZER(S): Pauliina Raento, Academy of Finland, U. of Helsinki

CHAIR(S): Pauliina Raento, Academy of Finland, U. of Helsinki

Introducer: Pauliina Raento

Panelists: Merje Kuus, U. of British Columbia; Donald McNeill; George W. White, Jr, Frostburg State U.; Steven Flusty, York U.

**4550. Linking Social and Ecological Systems V: Infrastructure and Connectivity (Sponsored by Spatial Analysis and Modeling Specialty Group, Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group)**

Room: LaSalle 1 (Paper Session)

ORGANIZER(S): Jane Southworth, U. of Florida; Dr. Perz Stephen, U. of Florida

CHAIR(S): Rinku Roy Chowdhury, U. of Miami

4:00 Robert T Walker, PhD\*, Michigan State U.; Alex Pfaff, PhD, Columbia U.; Eustaquio Reis, PhD, IPEA; Stephen Perz, PhD, U. of Florida; Eugenio Arima, PhD, Michigan State U. and IMAZON; Juan Robalino, PhD, Columbia U.; Marcellus Caldas, PhD, Michigan State U. and UFBA; Stephen Aldrich, MS, Michigan State U.; Carlos Souza, PhD, IMAZON; Claudio Bohrer, PhD, Federal U. Fluminense, *Roads and Deforestation in the Amazon Basin.*4:20 Michael W. Binford\*, Department of Geography, U. of Florida; Lin Cassidy, Department of Geography, U. of Florida; John Felkner, National Opinion Research Center, U. of Chicago; Robert M. Townsend, Department of Economics, U. of Chicago; Alan L. Kolata, Department of Anthropology, U. of Chicago; Jane Southworth, Department of Geography, U. of Florida, *How to study the combined domains of environment, economics, and social behavior in Thailand and Cambodia.*4:40 Maitreyi Mandal\*, School of Forest Resources and Conservation, U. of Florida; Maitreyi Mandal, School of Forest Resources and Conservation, U. of Florida, *Spatial and Economic Analysis of the Urban sprawl at the wild land-urban interface: A case study from North Central Florida.*

**5:00** Eugenio Y. Arima, PhD\*, Michigan State U.; Carlos Souza Jr., PhD, Instituto do Homem e Meio Ambiente da Amazonia; Robert T Walker, PhD, Michigan State U.; Amintas Brandao, Instituto do Homem e Meio Ambiente da Amazonia, *Simulating forest fragmentation in the Amazon: the case of Terra do Meio*.

Discussant(s): Dr. Perz Stephen, U. of Florida; Jane Southworth, U. of Florida; Rinku Roy Chowdhury, U. of Miami; Harini Nagendra, Indiana U. - CIPEC

**4551. Street Level Geography: University-Community Research and Action in Chicago and Beyond (Sponsored by Socialist and Critical Geography Specialty Group)**

*Room:* LaSalle 2 (Panel Session)

ORGANIZER(S): Daniel Block, Chicago State U.

CHAIR(S): Mark J. Bouman, Chicago State U.

Panelists: Daniel Block, Chicago State U.; Euan Hague, DePaul U.; David Wilson, U. of Illinois; Dennis Grammenos, Northeastern Illinois U.

**4552. Synoptic Climatology (Sponsored by Climate Specialty Group)**

*Room:* LaSalle 3 (Paper Session)

ORGANIZER(S): Charles E. Konrad, U. of; Julie Winkler, Michigan State U.

CHAIR(S): Claudia K. Walters, U of Michigan-Dearborn

**4:00** Dwight F Wilhelm\*, Department of Geography, Michigan State U.; Julie A Winkler, Department of Geography, Michigan State U.; Brian E Potter, USDA Forest Service, North Central Research Station; Ryan P Shadbolt, Department of Geography, Michigan State U.; Xindi Bian, USDA Forest Service, North Central Research Station; Kerek Piromsopa, Department of Computer Science, Michigan State U., *A Climatology of the Atmospheric Component of Wildland Fire Risk*.

**4:20** Adam W. Burnett\*, Colgate U., *Synoptic-scale circulation and regional Great Lake-effect snowfall variations*.

**4:40** Gregory D. Bierly\*, Indiana State U.; Diana S. Dickey, Indiana State U., *The Influence of North Pacific Atmospheric Blocking on Rocky Mountains Lee Cyclones*.

**5:00** Ryan P Shadbolt\*, Michigan State U.; Julie A Winkler, Michigan State U.; Jenni van Ravensway, Michigan State U.; Claudia K Walters, U. of Michigan-Dearborn; Johnathan Clark, Michigan State U.; Lijian Yang, Michigan State U.; Li Wang, Michigan State U., *Identifying Discontinuities within Time Series of Low-Level Jets*.

**5:20** Charles E. Konrad, Ph.D\*, U. of North Carolina at Chapel Hill, *The Superpositioning of Synoptic Scale Features in Connection with Heavy Rainfall across the Eastern United States*.

- 4556. Postmodern Geographies of Experience (Sponsored by Communication Geography Specialty Group)**  
*Room:* Sandburg 2 (Panel Session)  
 ORGANIZER(S): Christopher Limburg; Nicholas Bauch, U. of Wisconsin-Madison  
 CHAIR(S): Christopher Limburg  
 Introducer: Christopher Limburg  
 Introducer: Nicholas Bauch  
 Panelists: Jamie Winders, Syracuse U.; Michael R. Curry, U. of California, Los Angeles; J Nicholas Entrikin, U. of California; Prof. Paul C. Adams, U. of Texas at Austin; Robert D. Sack, U. of Wisconsin
- 4557. Globalization, Trade and Regional Development II (Sponsored by Economic Geography Specialty Group)**  
*Room:* Sandburg 3 (Paper Session)  
 ORGANIZER(S): Jurgen Essletzbichler, U. College London; Sebastien M. Breau, U. of California Los Angeles  
 CHAIR(S): Sebastien M. Breau, U. of California Los Angeles  
**4:00** Dieter Franz Kogler\*, U. of Toronto, *The Geography of Knowledge Spillovers - A Patent Citations Analysis: Tracking Knowledge Flows Over Time and Across Geographical Boundaries.*  
**4:20** David L. Rigby\*, Geography, UCLA, *The Impact of Trade on Wage Inequality in Los Angeles.*  
**4:40** Julie A Silva\*, U. of Akron, *Trade Orientation and Regional Income Inequality in Mozambique: A Spatial Perspective.*  
**5:00** Ted Tschang\*, Singapore Management U., *The Global Software Industry: What Have We Learnt?.*  
 Discussant(s): Jurgen Essletzbichler, U. College London
- 4558. New possibilities for geographic research using digital historical U.S. census data: (Sponsored by Historical Geography Specialty Group, Population Specialty Group, Geographic Information Science and Systems Specialty Group)**  
*Room:* Sandburg 4 (Panel Session)  
 ORGANIZER(S): Robert B. McMaster, U. of Minnesota - Twin Cities  
 CHAIR(S): Robert B. McMaster, U. of Minnesota - Twin Cities  
 Introducer: Robert B. McMaster  
 Panelists: Jonathan P. Schroeder, U. of Minnesota; Mark B. Lindberg, U. of Minnesota; John S. Adams, U. of Minnesota - Minneapolis; David Van Riper, U. of Minnesota - Minneapolis
- 4559. Internet GIS - Geospatial, Interoperability, GeoScience, CyberInfrastructure & Beyond (Sponsored by Geographic Information Science and Systems Specialty Group)**  
*Room:* Sandburg 5 (Paper Session)  
 ORGANIZER(S): Chaowei Yang, George Mason U.; Zhong-Ren Peng, U. of Wisconsin, Milwaukee  
 CHAIR(S): Robert Raskin, Jet Propulsion Lab  
**4:00** Bin Li\*, Central Michigan U., *Dynamic Discovery of Geographic Information Services on the Web.*

Discussant(s): Robert Raskin, Jet Propulsion Lab; Bin Li, Central Michigan U.; Zhong-Ren Peng, U. of Wisconsin, Milwaukee; Chaowei Yang, George Mason U.

**4560. Stadium Geographies (Sponsored by Recreation, Tourism, and Sport Specialty Group, Urban Geography Specialty Group, Cultural Geography Specialty Group)**

*Room:* Sandburg 6 (Paper Session)

ORGANIZER(S): Mr. Chris Gaffney, U. of Texas

CHAIR(S): Mr. Chris Gaffney, U. of Texas

**4:00** Jeffrey S. Boggs\*, Brock U., *Stadiums, fairgrounds and convention centers: places of spectacle as spaces of accumulation.*

**4:15** Daniel S. Mason\*, U. of Alberta; Gregory H. Duquette, U. of Alberta, *Status and competition in Canadian communities: Exploring the junior hockey arena boom.*

**4:30** Hunter Shobe\*, U. of Oregon, *The Camp Nou, Barcelona and Catalonia: a study of stadium and place.*

Introducer: Mr. Chris Gaffney

**4:50** Chris Gaffney\*, U. of Texas, *The Stadium as Socio-spatial Text: the case of Rio de Janeiro, Brazil.*

Discussant(s): Robert Ross, Syracuse U.

**4562. Transport in the Asia Pacific: Challenges and Prospects for Development (Sponsored by Transportation Geography Specialty Group)**

*Room:* Sandburg 8 (Paper Session)

ORGANIZER(S): Timothy Vowles, Victoria U. of Wellington

CHAIR(S): Timothy Vowles, Victoria U. of Wellington

**4:00** John T Bowen\*, U. of Wisconsin-Oshkosh, *People, Prosperity, and Planes: The Role of Asia-Pacific in Commercial Aircraft Development.*

**4:20** Peter John Marcotullio\*, United Nations U.; Julian D Marshall, U. of British Columbia, *Potential futures for transportation-related CO2 emissions in the Asia-Pacific.*

**4:40** Claude Comtois\*, U. of Montreal, *Port competition in the Yangzi river delta.*

**5:00** Timothy Vowles\*, Victoria U. of Wellington, *The Geographic Impact of "Open Skies Policies" on Trans-Tasman Air Passenger Service.*

**5:20** Shih-Lung Shaw\*, U. of Tennessee; Feng Lu, LREIS, Chinese Academy of Sciences; Jie Chen, LREIS, Chinese Academy of Sciences; Chenghu Zhou, LREIS, Chinese Academy of Sciences, *Network Structures and Competitions of Passenger Airlines in China.*

**4563. Urbanization and the Environment**

*Room:* Montrose 1 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Dr. Alice E. Mulder, Weber State U.

**4:00** Clinton J. Andrews\*, Rutgers Univ, *Determinants of Energy Use in U.S. Commercial Buildings.*

**4:20** Angela L. Loder, B.Hum, M.A.\*, U. of Toronto, *The geranium in the workshop: an exploration of urban nature through historical greening projects in the workplace.*

- 4:40 Chang-Shik Song\*, LCUA Cleveland State U., *The Relationship between Research-based Universities and Environmental Quality in Metropolitan Areas.*
- 5:00 Gregorio Gavier Pizarro\*, Department of Forest Ecology and Management. U. of Wisconsin, Madison; Volker C. Radeloff, Department of Forest Ecology and Management. U. of Wisconsin, Madison; Susan I. Stewart, North Central Research Station, US Forest Service, *Urbanization as a Driver of Exotic Plant Invasions.*
- 5:20 Alice E. Mulder, Ph.D.\*, Weber State U., *Shaping Place: Exploring the Issue of Foothills Conservation in Utah's Wasatch Front.*

**4564. Spatial Models and Techniques**

Room: Montrose 2 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): David K. Patton, Central Michigan U.

- 4:00 DAOQIN TONG\*, Center for Urban and Regional Analysis and the Department of Geography, The Ohio State U.; Alan T Murray, Center for Urban and Regional Analysis and the Department of Geography, The Ohio State U., *Partial coverage in continuous space facility siting.*
- 4:20 Yasser M. Ayad\*, Clarion U. of Pennsylvania, *Analyzing Admissions Data for Higher Education Institutions: Tools for Better Student Recruitment.*
- 4:40 Soe WIN Myint\*, Arizona State U., *An Exploration of Spatial Dispersion, Pattern, and Association of Socio-economic Functional Units in an Urban System.*
- 5:00 Zvia Segal Naphtali, Ph.D.\*, Institute for Civil Infrastructure Systems, Robert F. Wagner Graduate School for Public Service, New York U.; Carlos Restrepo, Institute for Civil Infrastructure System, Robert F. Wagner Graduate School for Public Service, New York U.; Rae Zimmerman, Ph.D., Institute for Civil Infrastructure Systems, Robert F. Wagner Graduate School for Public Service, New York U., *Land Use, Demographics and Industrial Facilities: Using GIS to Support Improved Land Use Initiatives and Policies in South Bronx, New York City.*
- 5:20 David K. Patton, Ph.D.\*, Central Michigan U.; Beth Stueven, Central Michigan U., *The Role of Distance in Student Choice Models for State Universities.*

**4565. Geographies of Urban Conduct 2**

Room: Montrose 3 (Paper Session)

ORGANIZER(S): Kurt Iveson; Joe Painter, U. of Durham

CHAIR(S): Kurt Iveson

- 4:00 Shaun French\*, U. of Nottingham; James Kneale, U. College London, *Tempering binge drinking?: Medicine, actuarialism and the disciplining of drink by the State.*
- 4:20 Alan Latham\*, U. of Southampton, *Unstable Actants: Governing the Urban Public and the EnglandsAnd Wales Licensing Act 2003.*
- 4:40 Luke Dickens\*, Royal Holloway, U. of London, *Art, anti-social behaviour and the local state: London's Outside Institute and the control of Post Graffiti..*
- 5:00 Robert Rogerson\*, U. of Strathclyde; Mark Boyle, U. of Strathclyde, *The new moral politics of community : an analysis of the Gorbals in Glasgow and Ballymun in Dublin..*
- Discussant(s): Dr. Margo Huxley



- 4569. Does residential segregation still matter? Geographers from different nations comment on social exclusion and spatial politics (Sponsored by Population Specialty Group, Urban Geography Specialty Group, Ethnic Geography Specialty Group)**

*Room:* Montrose 7 (Panel Session)

ORGANIZER(S): Anita Drever, U. of Tennessee; Harald Bauder, U. of Guelph

CHAIR(S): Anita Drever, U. of Tennessee

Introducer: Harald Bauder

Panelists: Deborah A. Phillips, U. of Leeds; Michael Poulsen, Macquarie U.; Mark Ellis, U. of Washington; Damaris Rose, Institut National De La Recherche Scientifique; William Clark, U. of California - Los Angeles

- 4570. Geography as Art (Sponsored by Historical Geography Specialty Group, Cultural Geography Specialty Group)**

*Room:* Burnham 1 (Paper Session)

ORGANIZER(S): Chris Mayda, Eastern Michigan U.

CHAIR(S): Chris Mayda, Eastern Michigan U.

**4:00** Kevin S. Blake\*, Kansas State U., *Art, Symbolism, and Place Identity in the Landscape of Lighthouses.*

**4:20** Chris Mayda\*, Eastern Michigan U., *Geography as Art: Macro Micro Geography - Patterns on the Land.*

**4:40** Ellen Percy Kraly\*, Colgate U., *Geographies of Vulnerability and Resilience: The Art and Artists of Carrolup Native Settlement, Western Australia.*

**5:00** Deborah L. Che\*, Western Michigan U., *Art, Protest, and Economic Development: Detroit's Heidelberg Project and Urban Revitalization.*

- 4571. Post-socialism X: Documentary "Prehodi: Transitions" (Sponsored by Economic Geography Specialty Group, Russian, Central Eurasian, and East European Specialty Group, Political Geography Specialty Group)**

*Room:* Burnham 2 (Paper Session)

ORGANIZER(S): Marianna Pavlovskaya, Hunter College

CHAIR(S): Petr Pavlinek, U. of Nebraska at Omaha

**4:00** Robert Begg\*, Indiana U. of Pennsylvania; Dennis Ausel, IUP, *Prehodi: Transitions.*

Discussant(s): Bettina Van Hoven, Rijksuniversiteit Gronigen/FRW; Chad Staddon, U. of the West of England

- 4573. Growing, Marketing, and Cooking Food in Place**

*Room:* Burnham 4 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mr. Andrew James Huddy, Charles Stewart Mott Community College

**4:00** Michael M. Bell\*, U. of Wisconsin - Madison; Kaelyn Stiles, U. of Wisconsin-Madison; Ozlem Altioek, U. of Wisconsin-Madison, *The Soul of Food: A Theory of Taste and Place.*

**4:20** Anne Donovan\*, Kansas State U., *A "cookbook" approach to the experience of place: an examination of place representation through contemporary Chinese cookbooks.*

**4:40** Valerie M. Imbruce, PhD Candidate\*, City U. of New York, Graduate Center, *Bringing Southeast Asia to the Southeastern United States: Commercial Homegardens in Homestead, Florida.*

**FRIDAY, MARCH 10**

**4:00 PM - 5:40 PM**

**4500**

**5:00** Andrew James Huddy\*, Charles Stewart Mott Community College, *Farming Alone - An Investigation of Social Capital in the Rural-Urban Fringe.*

**4574. Spaces of Neo-Liberalism In Asian “Developmental States” II (Sponsored by Economic Geography Specialty Group, Political Geography Specialty Group, Asian Geography Specialty Group)**

*Room:* Burnham 5 (Paper Session)

**ORGANIZER(S):** Bae-Gyoon Park, National U. of Singapore; Asato Saito, National U. of Singapore

**CHAIR(S):** Bae-Gyoon Park, National U. of Singapore

**4:00** Jinn-yuh Hsu\*, National Taiwan U., *From Regional Integration to Regional Fragmentation: Developmental State, Neo-liberalism, and Scale Politics in Taiwan.*

**4:20** Jung Won Sonn, Ph.D.\*, London School of Economics, *The Coexistence of Strong Interventionism and Neoliberalism in South Korea.*

**4:40** Brian Hammer\*, U. of Washington, *Community Spaces of Neoliberalism in Urban China.*

**5:00** Markus Hassler\*, Ruhr-U. Bochum, *Regulating automotive production and trade in Thailand.*

**Discussant(s):** Dr. James Derrick Sidaway, Loughborough U.

**FRIDAY, MARCH 10**

**6:00 PM - 7:30 PM  
7:30 PM - 8:45 PM  
9:00 PM - 12:30 AM**

**6:00 p.m. – 7:30 p.m.**

**4621. Geographic Dimensions of Hurricane Katrina Plenary Session**

*Room:* Grand Ballroom (Plenary Session)

Introductory Remarks: Douglas Richardson, AAG Executive Director

Session Chair: Richard A. Marston, AAG President; Kansas State U.

Speakers: Craig Colten, Louisiana State U.

Stephen Leatherman, Florida International U.

Susan L. Cutter, U. of South Carolina

Robert W. Kates, Independent Scholar

Discussant(s): Dr. Marshall Shepherd, NASA Goddard Space Flight Center and U. of Georgia

Clifton V. Dixon, Jr, U. of Southern Mississippi

Michael Crutcher, U. of Kentucky

**7:30 p.m. – 8:45 p.m.**

**Session on Chicago Baseball**

*Room:* Salon 2

A session on “The Cultural Geography of Baseball in Chicago” will focus on the geographic identities and interplay of the Chicago Cubs and Chicago White Sox. The session draws its inspiration from the White Sox’s victory in the 2005 World Series, which has spawned a renewed rivalry between Sox fans in the city’s south side and their Cubs counterparts in the north side. Speakers to include a representative from each team and from the National Baseball Hall of Fame in Cooperstown, New York; a sports journalist; and geographers with topical knowledge. The session will be held March 10 at 7:30 p.m. - 8:45 p.m. The general public will be allowed to register separately for this special session. Please direct any questions about this session to John Wertman, the AAG’s Director of Public Policy, at [jwertman@aag.org](mailto:jwertman@aag.org).

**9:00 p.m. – 12:30 a.m.**

**AAG Regional Film Series**

*Room:* Grand Ballroom

Organizer: Douglas Richardson, Association of American Geographers

The Blues Brothers 148min (1980) 9:00 p.m.

In one of the funniest films ever made, Jake Blues (John Belushi), just out from prison, puts together his old band to save the Catholic home where he and brother Elwood (Dan Aykroyd) were raised. Cameos by Aretha Franklin, Ray Charles, James Brown, and others.

Once Upon a Time in the Hood 99min (2004) 11:35 p.m.

A highly acclaimed independent action film by a Chicago born Latino director, Juan J. Frausto, about life in the gang-infested neighborhoods of Chicago’s Little Village.



# SATURDAY

**New for 2006: Presenting author(s) are indicated  
with an asterisk (\*).**

**8:00 a.m. – 9:40 a.m.****5101. Critical explorations of militarism I: Militarism and the construction of natures (Sponsored by Socialist and Critical Geography Specialty Group, Cultural and Political Ecology Specialty Group)***Room:* Salon 1 (Paper Session)

ORGANIZER(S): Jeffrey Sasha Davis, U. of Vermont; Joni K. Seager, York U.

CHAIR(S): Jeffrey Sasha Davis, U. of Vermont

**8:00** Kolson Lee Schlosser\*, Penn State U., *Nature, Politics, and Discourse: Environmental Security Assistance and the Discursive production of the 'Resource War'.***8:20** William E. O'Brien, Ph.D.\*, Florida Atlantic U., *Engineering the South Florida Ecosystem: The Corps and Environmental Discourse on Film.***8:40** Matthew Farish\*, Department of Geography, Memorial U., *Cold War Soldiers and the Creation of Climates.***9:00** Jacob Brenner\*, Clark U., *Boundaries, Bombs, and Biodiversity: An examination of the effects of militarism and violence on the Sonoran Desert of the U.S.-Mexico border region.***9:20** David Havlick\*, U. of North Carolina, *Logics of Military-to-Wildlife Conversions: The Case of the Rocky Mountain Arsenal.***5102. Spatial demography across the life course (Sponsored by Population Specialty Group)***Room:* Salon 2 (Paper Session)

ORGANIZER(S): Prof. Suzanne Davies Withers, U. of Washington

CHAIR(S): Prof. Suzanne Davies Withers, U. of Washington

**8:00** Elise Bowditch, M.A.\*, U. of Washington, *Ripping up the Roots: Moves in Childhood and Adolescent Home-Leaving.***8:20** Paul Boyle, Prof.\*, U. of St Andrews; Hill Kulu\*, Max Planck Institute For Demographic Research, *The Effect of Moving on Union Dissolution.***8:40** Bruce Newbold\*, McMaster U., *Interprovincial Migration of Income Among Canada's Old, 1996-2001.***9:00** Regan M. Maas, MA, PhD Student\*, U. of California Los Angeles; William Clark, PhD, U. of California Los Angeles; Michael Shin, PhD, U. of California Los Angeles, *Are There Measurable Neighborhood Effects on Health: Evidence from LAFANS.***9:20** Tae H. Kim\*, Department of Geography, U. of Utah; Thomas M. Kontuly, Department of Geography, U. of Utah, *Is the escalator working?.***5104. Geomorphology and Channel Form***Room:* Salon 4 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Patricia F. McDowell, U. of Oregon

**8:00** Thad Wasklewicz\*, University of Memphis; Tsuyoshi Hattaji, Ph.D., Terrestrial Environment Research Center, Graduate School of Life and Environmental Sciences, U. of Tsukuba, Ibaraki 305-8572, JAPAN, *Longitudinal Changes in Channel Geometry along a First-Order Stream Following a Typhoon, Ashio Mountains of Central Japan.*

- 8:20** Melinda Daniels\*, U. of Connecticut; Heather Pierce, U. of Connecticut, *Historic Planform Dynamics of the Housatonic River: Secondary Channels and Response to Human Impacts.*
- 8:40** Michael L. Hughes\*, U. of Oregon; Patricia F. McDowell, U. of Oregon; W. Andrew Marcus, U. of Oregon, *Planform channel change of the upper Umatilla River during flood versus interflood periods.*
- 9:00** Amanda Keen-Zebert\*, Texas State U.; Joanna Curran, Texas State U., *Spatial variation of channel reach type and gravel deposition.*
- 9:20** Patricia F. McDowell\*, U. of Oregon; Michael L. Hughes, U. of Oregon; W. Andrew Marcus, U. of Oregon, *Spatial patterns of channel change on the Umatilla River, Oregon.*

**5105. Sexual Constructions**

Room: Salon 5 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Sean Robertson, Simon Fraser U.

- 8:00** Melanie Ann Rapino\*, U. of Connecticut, *Are Gays Staying within Their Enclaves to Work? A Comparison of Commute Times.*
- 8:20** Wen-Yu Wu\*, Geography Department, The U. of Sheffield, UK, *The moral geographies of gay life in Taiwan.*
- 8:40** Marne McArdle\*, Department of Geography and Environmental Studies, North-eastern Illinois Univ, *Where the Girls Are: Lesbian Territories in Chicago..*
- 9:00** Begum Basdas\*, U. of California Los Angeles, Geography Department, *women's activism, sexuality, and urban citizenship: ethnographic narratives in Istanbul.*
- 9:20** Sean Robertson\*, Simon Fraser U. - Department of Geography, *How hate has become vital: Cultural misrecognition and the unexceptional biopolitical production of everyday spaces of exception.*

**5106. Ordering/Disordering Space and Matter - Part 1**

Room: Salon 6 (Paper Session)

ORGANIZER(S): Dr. Caitlin O. Desilvey, Open U.; Dr. Tim Edensor, Manchester Metropolitan U.

CHAIR(S): Dr. Caitlin O. Desilvey, Open U.

- 8:00** Tim Edensor\*, Manchester Metropolitan U., *Ordering materiality: the strategies and effects of orderly and disorderly matter.*
- 8:20** Hilary Geoghegan\*, Royal Holloway (U. of London), *The 'Great Un-displayed': Stories from the Science Museum's stores.*
- 8:40** Lars Frers\*, Darmstadt U. of Technology, Germany, *Automatic Irritations.*
- 9:00** Lisa Drummond\*, York U., *The Ground Beneath Their Feet: Scuffling Over Hanoi's Sidewalks.*
- Discussant(s): Dr. Cristina D'Alessandro-Scarpari, Université De Tours

**5108. Technonatures IV - Session 4: Technonatural Waterworlds: Technologies, Democracy, Conflict**

Room: Salon 8 (Paper Session)

ORGANIZER(S): Erik Swyngedouw; Dr. Damian White, James Madison U.

CHAIR(S): Nik Heynen, U. of Wisconsin at Milwaukee

- 8:00** Bruce Erickson\*, York U., *The canoe as technological fetish.*

- 8:20 Olivier Graefe\*, U. of Bayreuth, *Changing waterscapes in the desert. Technology, hybrid waters and social domination..*
- 8:40 Christopher Bear\*, U. of Hull, *'Wild fish' and 'alien' fish: negotiating nature in Scottish rivers.*
- 9:00 Trevor L. Birkenholtz\*, Ohio State U., *The Nature of Irrigation Technology and Socioecological Change: Irrigated Landscapes and Hybrid Agencies in Northern India.*
- 9:20 Chad Staddon\*, U. of the West of England, *Reconfiguring Water for Capitalism in Postcommunist Bulgaria.*

**5109. Justice, Resistance, and the Urban Environment**

Room: Salon 9 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Rajyashree Narayanareddy, U. of Minnesota - Minneapolis

8:00 Kalpana Markandey, Dr. Prof.\*, Department of Geography, Osmania U., Hyderabad, India, *Poverty Neighborhoods in Hyderabad.*

8:20 Yibin Zhao\*; Shih-Lung Shaw; Mary English, *Application of GIS in transportation environmental justice assessment.*

8:40 Hodges Sara\*, *Spatial Variability of the Quality of Open Spaces in New York City - An Environmental Justice Approach.*

9:00 Campanile Phillip\*, U. of Oregon, *Property and Resistance in Urban Agriculture.*

9:20 Rajyashree Narayanareddy\*, U. of Minnesota - Minneapolis, *Forging Global Connections for Justice: 20 Years after the Bhopal Disaster.*

**5110. Spaced-out: geographies of narcotic modernity**

Room: Salon 10 (Paper Session)

ORGANIZER(S): Prof. Arun J.J. Saldanha, U. of Minnesota

CHAIR(S): Prof. Arun J.J. Saldanha, U. of Minnesota

8:00 David Boothroyd, PhD\*, U. of Kent; David Boothroyd, PhD, U. of Kent/ Culture Machine, *Freud's Nose: from the 'cocaine papers' to Irma's Injection.*

8:20 Julie Gregory\*, Brock U., *Drugs, youth cultures and women's bodies.*

8:40 Todd Schack\*, U. of Colorado, *Dead on Drugs: Conversations with the Dead.*

9:00 Kathryn Milun\*, Arizona State U., *Beta-Blockers: The Time-Space Capsules of Late Modernity.*

9:20 Arun Saldanha\*, U. of Minnesota, *LSD and microfascism.*

Discussant(s): Keith Woodward, U. of Arizona

**5111. SPLINT SPACE NITLE and ARCNRSISS: A Panel on Integrating Spatial Analysis in University Teaching and Research**

Room: Salon 11 (Panel Session)

ORGANIZER(S): Nicholas Tate, U. of Leicester

Panelists: Nicholas Tate, U. of Leicester; Mei-Po Kwan, Ohio State U.; Diana Stuart Sinton, National Institute for Technology & Liberal Education; Prof. Robert Stimson



**5112. Emerging Issues in Environmental Justice I***Room: Salon 12 (Paper Session)*

ORGANIZER(S): Mr. Martin Holmes; Mr. Kristian Larsen

CHAIR(S): Christopher Boone, Ohio U.

**8:00** Martin Holmes\*; Jason Gilliland; Meizi He; Patricia Tucker; Jennifer Irwin; Paul Hess, *Is the Grass Greener on the Other Side? Examining Environmental Equity and Public Play Spaces in a Canadian City.***8:20** Dominic Odwa Atari\*, U. of Western Ontario; Isaac Luginaah, PhD, U. of Western Ontario; Maticka-Tyndale E, U. of Windsor; I Xu, U. of Windsor; K. Fung, U. of Windsor; K. Gorey, U. of Windsor; A. Reinhartz, Occupational Health Clinics for Ontario Workers, Sarnia; M. Keith, Occupational Health Clinics for Ontario Workers, Sarnia, *Environment and Health in Sarnia 'Chemical Valley'.***8:40** Michael Porter\*, CUNY Graduate Center, *The use of spatial analyses in EPA's implementation of Environmental Justice Policy.***9:00** Isaac N. Luginaah\*, U. of Western Ontario; Iris X Xu, Univeristy of Windsor; Karen Fung, U. of Windsor; Alice Grgicak-Mannion, U. of Windsor; Jason Wintermute, U. of Windsor; Amanda Wheeler, Health Canada; Jeff Brooks, Environment Canada, *Establishing the Spatial Variability of Ambient Nitrogen Dioxide in Windsor, Ontario.***5113. Soil Erosion and Sedimentary Analysis***Room: Cresthill Room 11 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Gary Krizanich, United States Geological Survey

**8:00** Aleksander Borejsza\*, Archaeology Program, U. of California, Los Angeles; Charles D. Frederick, Department of Geography, U. of Texas, Austin; Mark D. Bateman, Department of Geography, U. of Sheffield, England, *Agricultural slope management and soil erosion in the Barranca Tenexac drainage, Tlaxcala, Mexico.***8:20** Tongxin Zhu\*, U. of Minnesota-Duluth, *The Role of Tunnel Erosion in the Development of Gully Systems in the Hilly Loess Region of North China.***8:40** Tracy Hunter Allen, Ph.D.\*, SUNY-Oneonta; Caitlin Eyre Stewart\*, U. of Massachusetts - Amherst, *Benthic Macroinvertebrates as Water Quality Indicators in Streams of the South Central Adirondacks.***9:00** Kevin M Spigel\*, U. of Wisconsin, Madison, *Environmental change along the prairie-forest ecotone in south-central Wisconsin interpreted from lake sediments.***9:20** Gary W Krizanich\*, United States Geological Survey; David J Wronkiewicz, PhD, U. of Missouri-Rolla; John P Hogan, PhD, U. of Missouri-Rolla, *Historical Sediment Trends from a World Class Lead Mining District.*

**5115. Remote Sensing and Hurricane Katrina***Room: Private Dining Room 4 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Lei Meng, Texas A&amp;M U.

- 8:00** Yuri S Mansury, Ph.D.\*, Cornell U. Department of City and Regional Planning; Dong Keun Yoon, Cornell U. Department of City and Regional Planning, *"The Economic Impact of Hurricane Katrina on Socially Vulnerable Groups: Integrating the Visualization from the Geographic Information System with the Multipliers of a Social Accounting Matrix"*.
- 8:20** XIANG LI\*, Department of Earth Sciences, The U. of Memphis; Hsiang-te Kung, Department of Earth Sciences, The U. of Memphis; Jerry Bartholomew, Department of Earth Sciences, The U. of Memphis; Esra Ozdenerol, Department of Earth Sciences, The U. of Memphis, *Applying genetic algorithms to the location allocation of shelter sites*.
- 8:40** George Thomas Raber, PhD\*, U. of Southern Mississippi; Jamie N Hughes, U. of Southern Mississippi; Heide Mckenzie, U. of Southern Mississippi; Mark Anderson, U. of Southern Mississippi; Melissa Gartman, U. of Southern Mississippi; Michael Crosby, U. of Southern Mississippi, *Rapid Assessment of Storm Surge Inundation after Hurricane Katrina Utilizing a Least Cost Distance Interpolation Approach*.
- 9:00** Wei Liang\*, Louisiana State U., *Comparison of maximum likelihood classification method with weighted ensemble method for land use activities*.
- 9:20** Lei Meng\*, Texas A&M U.; Anthony M Filippi, Department of Geography, 3147 TAMU, College of Geosciences, Texas A&M U., College Station, TX 77843-3147, *Comparison of change detection methods for post-Hurricane Katrina damage assessment*.

**5116. The Geography of Snow***Room: Private Dining Room 5 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Amir E Azar

- 8:00** Daria Kluver\*, U. of Delaware, *North American snowfall variation from a unique gridded data set*.
- 8:20** Brian J Harshburger\*, U. of Idaho; Troy R. Blandford, U. of Idaho; Ryan Hruska, Idaho National Laboratory (INL); Karen S. Humes, PhD, U. of Idaho; Von P. Walden, PhD, U. of Idaho; Brandon C. Moore, U. of Idaho, *Spatial interpolation of snow water equivalency using remotely sensed images of snow covered area and SNOTEL observations*.
- 8:40** Jason T Butke\*, U. of Delaware; Brian Hanson, Dr., U. of Delaware; Daniel Leathers, Dr., U. of Delaware; Andrew Grundstein, Dr., U. of Georgia, *An Evaluation of a Point Snow Model and a Mesoscale Model for Regional Climate Simulations*.
- 9:00** Fan Wang\*, Department of Geography, U. of Waterloo, Waterloo Ontario Canada; Ellsworth LeDrew, Department of Geography, U. of Waterloo, Waterloo Ontario Canada; Jean Andrey, Department of Geography, U. of Waterloo, Waterloo Ontario Canada; Chris Derksen, Meteorological Service of Canada, Climate Research Branch, 4905 Dufferin Street, Downsview, Ontario Canada, *Winter Season Inner Mongolian Snow Variability from Satellite Passive-microwave Imagery and the Relationship with Large-scale Atmospheric Circulation*.

9:20 Amir E Azar\*, NOAA-CREST, Civil Eng. Dept., The City U. of New York; Reza Khanbilvardi, NOAA-CREST, *Mapping of Snow Water Equivalent (SWE) with RADARSAT SAR Images.*

**5117. Land Use and Landscape Ecology Studies**

Room: *Private Dining Room 6 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Matthew Goslin, Ecotrust

8:00 Yu Zeng\*, U. of Iowa; George P Malanson, U. of Iowa, *Exploring Spatial Complexity for Understanding Landscape Dynamics.*

8:20 Gang Zhong\*, university of Iowa, *Modeling Land use and land cover change.*

8:40 Liang Mao\*, SUNY - Buffalo; Manchun Li, Department of Urban and Resources Sciences, Nanjing U.; Yongxue Liu, Department of Urban and Resources Sciences, Nanjing U., *Developing a Spatial Decision Support Model for High Quality Prime Farmland Planning.*

9:00 David Gundlach\*, U. of Nevada, Reno, *OHV Roads and Fragmentation of Desert Tortoise Habitat.*

9:20 Matthew N Goslin\*, Ecotrust; Mike Mertens, Ecotrust, *Modeling alternative forest management scenarios and their economic and ecological impacts across landscapes in the Pacific Northwest.*

**5118. China's Regional Development: New Inequalities and Challenges (Sponsored by China Specialty Group, Regional Development and Planning Specialty Group, Asian Geography Specialty Group)**

Room: *Private Dining Room 7 (Paper Session)*

ORGANIZER(S): Cindy Fan, UCLA; Yehua Dennis Wei, U. of Wisconsin-Milwaukee

CHAIR(S): Max Lu, Kansas State U.

8:00 Yehua Dennis Wei\*, U. of Wisconsin-Milwaukee, *Regional Development in China: Institutions, Globalization, and Hybrid Economies.*

8:20 Guo Chen\*, Pennsylvania State U., *Landscape of Urban Poverty and Spatial Inequality in China, 1990-2000.*

8:40 Mingjie Sun\*, *Regional Inequality in Post-Reform China: Changing Spatial Disparity and Its Determinants.*

9:00 Cindy Fan\*, UCLA; Mingjie Sun, UCLA, *Regional Inequality in the Pan-Pearl River Delta Region.*

Discussant(s): Prof. Fulong Wu

**5119. Geographies of Hope (1)**

Room: *Private Dining Room 8 (Paper Session)*

ORGANIZER(S): Ben Anderson, Durham U.; Dr. Jill Fenton

CHAIR(S): Ben Anderson, Durham U.

8:00 Jill Fenton, Dr\*, Department of Geography, Queen Mary, U. of London, *Debating Geographies of Hope: the significance of Ernst Bloch's concept of surplus utopia to present day activisms.*

8:20 Guy Girard, Mr\*, U. Sorbonne, *Surrealism, poetry and hope.*

8:40 Christopher Shippen\*, Queen Mary, U. of London, *Utopian performatives in the spaces of queer performance art.*

9:00 Tyler McCreary\*, U. of Saskatchewan, *Hopeful Reflections on Anti-oppressive Education: Critique and the Emancipatory Imagination.*

Discussant(s): Dr. Sarah G Cant, U. of Plymouth

**5123. Regional Transportation Sustainability: Alternatives to Fossil Fuels (Sponsored by Energy and Environment Specialty Group, Human Dimensions of Global Change Specialty Group, Transportation Geography Specialty Group)**

*Room:* Private Dining Room 16 (Paper Session)

ORGANIZER(S): Edmund J. Zolnik, George Mason U.

CHAIR(S): Edmund J. Zolnik, George Mason U.

**8:00** Carol Atkinson-Palombo\*, Arizona State U.; James A Miller, Arizona State U.; Robert C Balling Jr, PhD, Arizona State U., *A multidisciplinary approach to understanding the relationship between vehicle emissions and air pollution.*

**8:20** Sarah E Knuth, M.S. Student\*, Penn State U., *Linking Smart Growth, Energy Conservation, and Climate Change Mitigation: Local Opportunities and Challenges.*

**8:40** Nancy A. Olson, master's candidate Applied Geography\*, U. of Colorado - Colorado Springs, *Analyzing the Behavior of Transportation Mode Choice: Reducing Single Occupancy Vehicle Travel to the University of Colorado at Colorado Springs.*

**9:00** Christopher Upchurch\*, U. of Utah; Michael Kuby, Arizona State U., *A Capacitated Model for Flow-Refueling Location.*

**9:20** Edmund J. Zolnik\*, George Mason U., *Development of a Statewide Bicycle Facility to Promote Alternative Modes of Commuting.*

**5128. Transportation, Land Use, and Travel Behavior**

*Room:* Parlor A (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): John Hasse, Rowan U.

**8:00** Yongping Zhang\*, U. of Illinois at Chicago; Abolfazl Mohammadian, Ph.D, U. of Illinois at Chicago, *An Explanatory Analysis of Lifestyle Choice, Neighborhood Effects, and Travel Behavior: Applications to the Transferability of Household Travel Data.*

**8:20** Veronique Van Acker\*, Ghent U.; Frank Witlox, Ghent U., *Interactions between Travel Behavior, Land-Use and Socio-Economic Characteristics. A Structural Equation Modeling Approach.*

**8:40** Matthew Sheldrake, M.Sc., U. of Calgary; Clarence G Woudsma, Dr.\*, U. of Waterloo, *Urban Evolution and the Transportation-Land Use Relationship: Does congestion matter?.*

**9:00** Timothy Dolney\*, Kent State U., *Home-Work Journey Estimation Induced by Urban Sprawl.*

**9:20** John Hasse\*, Rowan U., *Is it Sprawl or Smart Growth?: An Accessibility Approach to Grading Urban Form.*

**5129. Weathering & Erosion**

*Room:* Parlor B (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Sean W. Campbell, U. of Kentucky

**8:00** Courtney M. Harmon\*, Texas A&M U.; Vatche P. Tchakerian, Ph.D., Texas A&M U., *Desert Pavement Morphology and Dynamics, Big Bend National Park, Texas.*

**8:20** David M. Rachal\*, New Mexico State U., *Spatio-Temporal Analysis of Dune Pattern Variability at White Sands National Monument, New Mexico.*

- 8:40** Rebecca Manners, U. of North Carolina; Melanie J Small, U. of North Carolina; Martin W. Doyle\*, U. of North Carolina, *Effect of variable hydraulic porosity of natural woody debris jams on the momentum of surrounding flow.*
- 9:00** Alice V. Turkington\*, U. of Kentucky, *Weathering of subsurface sandstone clasts and bedrock in a humid sub-tropical forest environment.*
- 9:20** Sean W. Campbell, Ph.D.\*, U. of Kentucky; Colin E Thorn, Ph.D, U. of Illinois; Robert G Darmody, Ph.D., U. of Illinois, *Porosity increase in metamorphic rocks under biotic, abiotic, and sub-surface weathering regimes in an alpine environment, Jutenheimen, Norway..*

**5130. The Climatology and Geomorphology of Central and South Asia**

Room: Parlor C (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): JACK Shroder, Jr, U. of Nebraska

- 8:00** Michael P. Bishop\*, U. of Nebraska-Omaha; John F. Shroder, U. of Nebraska-Omaha, *The International K2 Project: Exploration and Assessment of Surface Processes in the Karakoram Himalaya.*
- 8:20** Netra B Chhetri\*, Arizona State U., *Re-engineering Rice Farming: Responding to Climate Change in Nepal.*
- 8:40** Elena Lioubimtseva, Ph.D.\*, Grand Valley State U., *Assessing the human vulnerability of arid and semi-arid zones of Central Asia to global and regional climate change..*
- 9:00** Yeong Bae Seong\*, U. of Cincinnati; Lewis Owen, U. of Cincinnati; Robert Finkel, Lawrence Livermore National Laboratory; Chaolu Yi, The Institute of Tibet, China; Jong-Geun Kim, Arizona State U., *Multiple glaciations and Landscape evolution of semi-arid northwestern Tibet: a test of buzz-saw hypothesis between the glaciation and its impact on landscape evolution..*
- 9:20** Jack F. Shroder, Regents Professor of Geography & Geology\*, U. of Nebraska at Omaha; Michael P. Bishop, Ph.D., U. of Nebraska at Omaha, *Landslide- and glacier-lake landform evolution, Braldu Valley and Baltoro Glacier, Karakoram Himalaya.*

**5131. Economic Development: the Americas**

Room: Parlor D (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): James John Biles, Western Michigan U.

- 8:00** Jorge Morteau\*, U. of São Paulo, Brazil; Caroline Vendrameto Camargo, U. of São Paulo, Brazil, *Brazil's future of renewable energy sources.*
- 8:20** Michael Finewood\*, U. of South Carolina, *Work, Valorization, and Immigration in the Carolinas.*
- 8:40** Natasha Iskander\*, MIT; Nichola Lowe, PhD, U. of North Carolina, *State as Practice: Government Learning and Accountability in West Central Mexico.*
- 9:00** Sarah H. Fernandez\*, *Coca Cultivation and Eradication: Effects on Culture and Environment in Ecuador.*
- 9:20** James J. Biles\*, Western Michigan U., *Liberalization, globalization and the informal economy in Mexico.*

**5132. Celebration of the Career of Dwight A. Brown I***Room: Parlor E* (Paper Session)

ORGANIZER(S): Susy Svatek Ziegler, U. of Minnesota - Minneapolis

CHAIR(S): Susy Svatek Ziegler, U. of Minnesota - Minneapolis

**8:00** Timothy Beach\*, Georgetown U.; Aysegul Vural, Koç U., *Geomorphology and History: Excavations of Buried Roman Roads and Deciphering Aggradation on Turkey's Mediterranean Coast.***8:20** Sheryl Luzzadder-Beach\*, George Mason U.; Timothy P. Beach, Georgetown U., *Field Patterns of Paradise: Surface Patterns of Ancient Maya Wetland Fields.***8:40** John C. Hudson\*, Northwestern U., *The World Vegetation Map Revisited.***9:00** Kyle D. Brown\*, California State Polytechnic U., "Ya Gotta Know the Territory" - *The Work of Dwight Brown and Implications for Environmental Sustainability.***9:20** Kuo-Chen Chang\*, National Taiwan Normal U., *Where is the tree: How to identify Bio-hotspots from the Space.***5133. Perspectives on Geographic Complexity 2: Institutions, Markets, and Policy (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group)***Room: Parlor F* (Paper Session)

ORGANIZER(S): Peter J. Deadman, U. of Waterloo

CHAIR(S): Robert Gilmore Pontius, Jr., Clark U.

**8:00** Shih-Kung Lai\*, Center for Land and Environmental Planning, National Taipei U., *Origins of institutions in complex spatial systems.***8:20** Moira Zellner\*, U. of Michigan, *Generating Policies for Sustainable Water Use in Complex Scenarios: An Integrated Land Use and Water Use Model of Monroe County, Michigan.***8:40** Dawn C. Parker, Assistant Professor\*, George Mason U.; J. Gary Polhill, Research Scientist, Macaulay Institute, Aberdeen, Scotland; Nicholas M. Gotts, Research Scientist, Macaulay Institute, Aberdeen, Scotland, *Do Land Markets Matter? Preliminary results from the ELMM model.***9:00** Darla K Munroe\*, Ohio State U., *The complexities of exurban development: conceptualizing residential land conversion as a multilevel process.***9:20** Scott R. Heckbert\*, CSIRO; Alex Smajgl, CSIRO, *Policy Impact Modelling for the Great Barrier Reef Region.***5134. Scaling up for context I: examining forces shaping gendered experiences in place (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group, Cultural Geography Specialty Group)***Room: Parlor G* (Paper Session)

ORGANIZER(S): Valorie Crooks; Dr. Jeff Masuda

CHAIR(S): Heather Castleden, U. of Alberta

**8:00** Elisabeth Aufhauser\*, U. of Vienna, Department for Geography and Regional Science, "High Tech Fantasies" and "Low Budget Initiatives". *Inter- and transscalar relations shaping the gender of regional economic policy.***8:20** Jennifer Giesecking\*, CUNY - Graduate Center, *Constructing Women: Women's Development on the Campus and in Society.***8:40** Valorie A. Crooks\*, York Institute for Health Research, York U., *Lived Experience in Context: The interplay between women living with fibromyalgia syndrome and Canada's health care system.*

9:00 Jeanne Kay Guelke\*, U. of Waterloo, *Scale in Mormon women's autobiographical writings.*

**5135. Where is Public Space? I (Sponsored by Political Geography Specialty Group)**

Room: *Parlor H* (Paper Session)

ORGANIZER(S): Clive Barnett; Stephanie J Simon, U. of Kentucky

CHAIR(S): Clive Barnett

8:00 Lynn A Staeheli\*, U. of Colorado; Don Mitchell, Syracuse U., *Locating the Public in Research and Practice.*

8:20 Gary Bridge, Prof.\*, U. of Bristol, *Rationality, performativity and difference: the communicative spaces of the urban public realm..*

8:40 Stephanie J Simon\*, U. of Kentucky, *What are we doing when we "take it to the streets"? Examining the politics of the crowd.*

9:00 James P. Freeman, PhD\*, Concordia U., *The myth of democratic public space in Rio de Janeiro.*

Discussant(s): John R. Allen, Open U.

**5137. Experiences with GIScience in K-12 Education (Sponsored by Geographic Information Science and Systems Specialty Group, Geography Education Specialty Group)**

Room: *Dearborn 1* (Panel Session)

ORGANIZER(S): Mr. William Robert Flynn, Oklahoma State U.; Stephen M. O'Connell, Oklahoma State U.

CHAIR(S): Mr. William Robert Flynn, Oklahoma State U.

Panelists: Mr. William Robert Flynn, Oklahoma State U.; Stephen M. O'Connell, Oklahoma State U.; Mr. Gabriel Burns; Brett Chloupek, Oklahoma State U.; Kevin Merritt, Texas A&M U.

**5138. Chemistry in Geographical Analysis**

Room: *Dearborn 2* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Charles W. Martin, Kansas State

8:00 Shane Csiki\*, U. of Illinois at Urbana-Champaign, *The Association of Heavy Metals to Particle Size and Organic Matter Content: A Case from the Alamosa River Floodplain, Colorado.*

8:20 Bram F. Noble, Ph.D, Department of Geography, U. of Saskatchewan; Lisa M. Christmas\*, Department of Geography, U. of Saskatchewan, *Implications of 'one-size fits all' policy solutions for greenhouse gas mitigation in Canadian agriculture.*

8:40 Dajun Dai\*, Southern Illinois U. Carbondale; Tonny Oyana, Southern Illinois U. Carbondale, *Applying a self organizing algorithm to characterize soil dioxin data: a case study in Tittabawassee River flood plain, Michigan State..*

9:00 Lin Liu\*, U. of Cincinnati; Khalid Hasan, Tippecanoe County Government, *Estimating the Spatial-temporal Distribution of Radon Releases from the K-65 Silos.*

9:20 Charles W. Martin\*, Kansas State U., *Vertical Heavy Metal Trends from Two Radiocarbon Dated Sediment Cores, Dill River, central Germany.*

**5139. Studies in Global Change***Room:* Dearborn 3 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): John All, Western Kentucky U.

**8:00** Shouraseni Sen Roy\*, U. of Miami, *Impact of Lunar Cycle on the Precipitation in India.***8:20** Guangyu Wu\*, Texas State U. - San Marcos; F. Benjamin Zhan, Texas State U.-San Marcos, *Climate Change and Water Resource Vulnerability in Texas.***8:40** Xingong Li\*, Department of Geography, U. of Kansas; RJ Rowley, Department of Geography, U. of Kansas; Joshua Meisel, Haskell Indian Nations U.; John Kostelnick, U. of Kansas, Haskell Indian Nations U.; David Braaten, Department of Geography, U. of Kansas, *GIS Analysis of Global Risk Area and Population Affected by Sea Level Rise.***9:00** John D All, JD, PhD\*, Western Kentucky U., *Geoinformatics and Policy: Building Bridges between Science and Action.***5141. Tourism and Place-Making***Room:* Clark 1 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mr. Lee Hachadoorian

**8:00** Yu Luo Rioux, ABD\*, U. of Colorado at Boulder, *"Red Tourism" and China's Path to Development.***8:20** Mikhail S Blinnikov, PhD\*, St. Cloud State U., *Return to Apa Herman: Kodiak, AK as an environmental metaphor of Russian sacred landscape.***8:40** Kathleen Woodhouse\*, Kent State U., *Latvian Place Making in Chicago, Cleveland, and Toronto.***9:00** Alison J. Linder, Doctoral Student, Urban Planning\*, U. of Southern California; Jason Byrne, Doctoral Student, Geography, U. of Southern California; Chona Sister, Doctoral Student, Geography, U. of Southern California; Mona Seymour, Doctoral Student, Geography, U. of Southern California; Jennifer Wolch, U. of Southern California, *Evaluating Methods for a Regional Parks and Open Space.***9:20** Lee Hachadoorian\*, CUNY Graduate Center / Hunter College; Yehuda Klein, CUNY Graduate Center; Jeffrey Osleeb, U. of Connecticut, *Economic Impacts of Beach Accessibility on the Tourist Economy in the Coastal United States.***5143. Performing Alternative Economic Imaginaries: Governance, Ethics, and the Everyday Spaces of Responsibility I (Sponsored by Economic Geography Specialty Group, Cultural and Political Ecology Specialty Group, Cultural Geography Specialty Group)***Room:* Clark 3 (Paper Session)

ORGANIZER(S): Michael K Goodman, King's College London

CHAIR(S): Trina Hamilton, Clark U.

Introducer: Michael K Goodman

**8:03** Yvonne Underhill-Sem\*, Centre for Development Studies, *Flowers, floriculture and fa'a polynesia.***8:23** Jennifer L. Rice\*, U. of Arizona; Paul Robbins, U. of Arizona; Marla Emery, US Forest Service, *Non-Timber Forest Product Harvesting as Practice and Tactics: Gathering in Thoreau's Backyard.*



**8:43** Garrett Graddy, BA, MTS\*, U. of Kentucky, *Freeing the Bounty of Kentucky: Subsistence as a Resistance to Global Agribusiness Economy.*

**9:03** Jennifer Blecha\*, U. of Minnesota, *Being 'Junior Farmer': performing alternative economics through urban livestock agriculture.*

**5145. Quaternary Environments of the Americas I: High and Low Latitudes (Sponsored by Climate Specialty Group, Biogeography Specialty Group)**

*Room:* Clark 5 (Paper Session)

ORGANIZER(S): Amy M. Bloom, U. of Utah; Aaron P. Potito, The Ohio State U.

CHAIR(S): Amy M. Bloom, U. of Utah

**8:00** Sarah A Finkelstein\*, U. of Toronto; Konrad Gajewski, U. of Ottawa, *A high-resolution paleolimnological record of long-term variability in diatom diversity and productivity, Prescott Island, Nunavut, central Canadian Arctic.*

**8:20** David F Porinchu\*, Ohio State U.; Glen M MacDonald, UCLA - Department of Geography; Katrina A Moser, U. of Western Ontario - Department of Geography, *Limnological and environmental characteristics of a 90+ lake calibration set in the central Canadian Arctic: potential for paleoclimatic reconstruction.*

**8:40** Chad S. Lane\*, U. of Tennessee; Sally P. Horn, U. of Tennessee; Kenneth H. Orvis, U. of Tennessee; Claudia I. Mora, U. of Tennessee, *A Multi-Proxy Record of Paleoenvironmental Change in the Dominican Republic from Two Small, Mid-Elevation Lakes.*

**9:00** David B. Wahl\*, U.S.G.S.; Thomas Schreiner, Dept. of Geography, U.C. Berkeley; Richard Hansen, Dept. of Anthropology, Idaho State U.; Scott Starratt, U.S.G.S., *Evidence of Holocene Environmental Change from Lago Paixban, a Maya Wetland in Northern Guatemala.*

**9:20** Martin R. Arford\*, History and Geography Dept., Saginaw Valley State U.; Sally P. Horn, Dept. of Geography, U. of Tennessee, *Species Richness Inferred from Pollen Diversity in Lake-sediment Profiles from Northwestern Costa Rica.*

**5146. The Politics of Transnational Activist Networks: Translation, Theory, Practice (1)**

*Room:* Clark 7 (Paper Session)

ORGANIZER(S): Prof. Nina Laurie, Newcastle U., UK; Jon R. Binnie, Manchester Metropolitan U.

CHAIR(S): Prof. Nina Laurie, Newcastle U., UK

**8:00** Jon R. Binnie, Dr.\*, Manchester Metropolitan U.; Laurie Nina, Professor, U. of Newcastle-upon-Tyne, *The Politics of Transnational Activist Networks: Translation, Theory, Practice.*

**8:20** Paul Routledge\*, U. of Glasgow; andrew cumbers, Department of Geographical and Earth Sciences U. of Glasgow; corinne nativel, Department of Geographical and Earth Sciences U. of Glasgow, *Entangled Logics and Grassroots Imaginaries of Global Justice Networks.*

**8:40** Patricia Ocampo-Thomason\*, Newcastle U., *The Mangrove Network (Red Manglar), creating new narratives to defend the mangroves in Latin America.*

**9:00** John Gibson\*, Newcastle U., UK, *"Wearing a White Wristband Won't Change the World": Atrophy and Ritual at the 2005 G8.*

Discussant(s): Prof. Nina Laurie, Newcastle U., UK

**5148. Social-Urban Environments and Health***Room:* Clark 9 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Paul L. Robinson, Charles R. Drew U.

- 8:00** Robert Lipton\*, Prevention Research Center; Rudy Banerjee, Ph.D., Prevention Research Center; Nora Manzanilla, Office of the City Attorney, Los Angeles, *Underage tobacco sales and school location in Los Angeles.*
- 8:20** Dana Helene Wilson, PhD Candidate\*, McGill U., Geography Department; Nancy A Ross, PhD, McGill U.; Jason A Gilliland, PhD, U. of Western Ontario; Jeffrey L Derevensky, PhD, McGill U.; Rina Gupta, PhD, McGill U., *Modest but modifiable: Neighbourhood effects on youth gambling in Montréal, Québec.*
- 8:40** John Ottensmann\*, Indiana U. Purdue U. Indianapolis; Gilbert Liu, MD, Indiana U. School of Medicine; Jeffrey Wilson, Indiana U. Purdue U. Indianapolis, *Land Use Environments and Childhood Overweight.*
- 9:00** Gozdyra Piotr, MA\*, Centre for Research on Inner City Health, St. Michael's Hospital, Toronto, Canada; Gillian L Booth, MD MSc., Department of Medicine, St. Michael's Hospital; Rick H Glazier, M.D. MPH, Centre for Research on Inner City Health, St Michael's Hospital; Maria I Creatore, M.Sc., Centre for Research on Inner City Health, St Michael's Hospital; Liane Porepa, BSc., U. of Toronto; Kelly Ross, MSc, Centre for Research on Inner City Health, St Michael's Hospital, *Spatial Association between Diabetes Prevalence and Neighbourhood Characteristics and Environments for Healthy Living in Toronto, Canada.*
- 9:20** Paul L. Robinson, Ph.D\*, Charles R. Drew U.; Didra Brown-Taylor, Ph.D, UCLA/ISAP; Richard S. Baker, MD, Charles R. Drew U.; Ricky N. Bluthenthal, Ph.D, RAND Health, *Alcohol outlet density vs. distance to preferred outlet: Relationships with overall consumption in an inner city setting.*

**5149. Multi-ethnic and Mixed-Race Realities: The Everyday Contexts of Race and Ethnicity I (Sponsored by Qualitative Research Specialty Group, Urban Geography Specialty Group, Ethnic Geography Specialty Group)***Room:* Clark 10 (Paper Session)

ORGANIZER(S): Margaret Anne Hudson, U. of Texas-Arlington; Ms. Serin Houston

CHAIR(S): Margaret Anne Hudson, U. of Texas-Arlington

- 8:00** Emily H. Skop\*, The U. of Texas at Austin, *The Methodological Potential of Focus Groups in Understanding Racialization.*
- 8:20** James Forrest\*, Macquarie U.; Kevin Dunn, Dr, U. of New South Wales, *The experience of institutional and everyday racism in Australia: geographical perspectives.*
- 8:40** Lars Meier\*, Technical U. Darmstadt, *Whiteness as an everyday process - Encounters with 'the other' in Singapore and in London.*
- 9:00** Deborah A. Phillips\*, U. of Leeds, *Transformative Spaces? Ethnicity and Diversity on Campus.*
- 9:20** Heather Frost\*, Heather Frost, PhD Candidate, U. of British Columbia, *Indo-Canadian Youth in Vancouver Schools: A Geography of Educational Achievement?.*

**5150. Roundtable on the Role of Cultural Industries and Occupations in Urban and Regional Economic Development (Sponsored by Economic Geography Specialty Group, Urban Geography Specialty Group)**

*Room:* LaSalle 1 (Panel Session)

ORGANIZER(S): Jeffrey S. Boggs, Brock U.

CHAIR(S): Jeffrey S. Boggs, Brock U.

Panelists: William B. Beyers, U. of Washington; Ann Markusen, U. of Minnesota; Meric S. Gertler, U. of Toronto; Susan M. Christopherson, Cornell Univ

**5151. Land Use Dynamics at Multiple Spatial and Temporal Scales**

*Room:* LaSalle 2 (Paper Session)

ORGANIZER(S): Darrell E. Napton, USGS Visiting Scientist and South Dakota State U.

CHAIR(S): Lisa M.B. Harrington, Kansas State U.

**8:00** Christopher R. Laingen\*, Kansas State U., *Abandoned Farmsteads and Hog Farming in Southwestern Minnesota.*

**8:20** Jennifer A Rover\*, South Dakota State U., *Land Use Change and Phosphorus Transfer: Lake County, South Dakota.*

**8:40** Robert Andrew Rose\*, U. of Wisconsin-Department of Geography, *Changing Farms, Changing Forests: Using Landscape Ecology Metrics to Model Land Cover Change.*

**9:00** Darrell E. Napton\*, USGS Visiting Scientist and South Dakota State U., *Forest area decline in the Southeast, USA.*

**9:20** Dean Gesch\*, U.S. Geological Survey, *Mapping the Vertical Component of Landscape Change: A Baseline Inventory of Topographic Surface Change in the United States.*

**5152. Neoliberalism, Nature and Governance 2a: motives, implementation and outcomes for land and water regulation**

*Room:* LaSalle 3 (Paper Session)

ORGANIZER(S): Jessica Budds, U. of Oxford; Noel Castree

CHAIR(S): Noel Castree

**8:00** Jessica Budds\*, U. of Oxford, *The political ecology of water and the neoliberal project in Chile.*

**8:20** Abby Hickcox\*, U. of Wisconsin - Madison, *Land Titling and Payments for Ecosystem Services: Local level contradictions in Mexico's neoliberal reforms.*

**8:40** Jeff R. Baldwin, Ph.D.\*, Western Oregon U., *The Liberalization of Indonesian Forest Wealth and the Unintended Creation of Unregulated Space.*

**9:00** Anne-Marie Debbané, PhD Candidate\*, York U., *Nymphic Visions and Promethean Dreams: Latourian Meditations on Hydraulic Society.*

Discussant(s): Scott Prudham, U. of Toronto

**5154. Health and Society**

*Room:* LaSalle 5 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Timothy Hare, Morehead State U.

**8:00** Pat McKeever, PhD\*, U. of Toronto; Helen Scott, MSc, U. of Toronto; Mary Chipman, MSc, U. of Toronto; Katherine Osterlund, MSc, University of Toronto; Joan Eakin, PhD, U. of Toronto, *Hitting Home: A Survey of Housing Conditions of Homes Used For Long-Term Home Care in Ontario, Canada.*

**8:20** Michele Casper, PhD\*, Centers for Disease Control and Prevention; Isaac Nwaise, MA, Centers for Disease Control and Prevention; Janet B Croft, PhD, Centers for Disease Control and Prevention; Henraya McGruder, PhD, Centers for Disease Control and Prevention, *Geographic patterns of stroke hospitalizations by racial/ethnic group and discharge destination.*

**8:40** Timothy S Hare, Ph.D.\*, Morehead State U., *Spatial and Temporal Patterns in Kentucky's County-Level Mortality Rates and Related Factors From 1968 Through 2002.*

**5156. The socio-cultural geographies of 'Communist heritage tourism' (Sponsored by Recreation, Tourism, and Sport Specialty Group, European Specialty Group, Russian, Central Eurasian, and East European Specialty Group)**

*Room:* Sandburg 2 (Paper Session)

ORGANIZER(S): Duncan Light

Introducer: Duncan Light

**8:05** Fiona M Smith, Dr\*, U. of Dundee, *'Behind glass but not yet over': spaces of representation and difference in contemporary German history museums.*

**8:23** Sybille Frank\*, Institute for Sociology, Darmstadt U. of Technology, Germany, *Communist Heritage Tourism and its Local (Dis)Contents at Checkpoint Charlie, Berlin.*

**8:41** Duncan Light\*, Liverpool Hope U., *Dark Tourism and the Communist Past in Romania.*

**8:59** Mariusz Czepczynski\*, U. of Gdansk, Poland, Department of Economic Geography, *Funky, freaky and fantastic. Discovering post-socialist landscapes of Central Europe..*

Discussant(s): Dr. David J. Bell, Staffordshire U.

**5157. Feminist Geographies, Global Restructuring and Women's Labor: Bolivia, Jamaica, Ontario, Bangladesh, and Race and Class Oppression in Western Cities (Sponsored by Geographic Perspectives on Women Specialty Group)**

*Room:* Sandburg 3 (Paper Session)

ORGANIZER(S): Morgan Windram; Beth Bee, Pennsylvania State U.

CHAIR(S): Morgan Windram

**8:00** Morgan Beauvais Windram\*, Pennsylvania State U.; Morgan Beauvais Windram, Pennsylvania State U., *"The Traffic (in cocaine) in Women": Exchanged bodies and the feminization of mule work in the contemporary cocaine trade.*

**8:15** Kari Bolstad Jensen\*, Pennsylvania State U., *Child servants in Dhaka: Their life, work, and opportunities for education.*

**8:30** Beth Bee\*, Pennsylvania State U., *Peddling Paradoxes: Citizenship and Community in Microfinance.*

**8:45** Lindsay Stephens\*, U. of Toronto, *Changing Spaces of Care: The politics and geography of care.*

**9:00** Punam Khosla\*, *The Fires this time: Theorizing gender race and class in western cities.*

**5158. Territory and Flows: Assessing the New Geographies of Social Movements I (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group, Ethics, Justice, and Human Rights Specialty Group)**

*Room:* Sandburg 4 (Paper Session)

ORGANIZER(S): Walter J. Nicholls, Queen Mary, U. of London; Julie-Anne Boudreau, York U.

CHAIR(S): Dr. Justin Beaumont, U. of Groningen

**8:00** Justin Beaumont, Faculty of Spatial Sciences, U. of Groningen; Walter J. Nicholls\*, Queen Mary, U. of London; Julie-Anne Boudreau, Université du Québec, *Bridges and Barriers: Strategic Choices for Social Movements.*

**8:20** William Sites\*, U. of Chicago, *Spatial Mobilization or Urban Politics? Confronting Wal-Mart in Chicago and New York.*

**8:40** Murray M. Low\*, The London School of Economics, *Territory and Flows in the Geography of Political Organisations: limits to communicative democracy.*

Discussant(s): Byron A. Miller, U. of Calgary

**5159. Geographies of Labour/Cultures of Labour - 1 (Sponsored by Economic Geography Specialty Group)**

*Room:* Sandburg 5 (Paper Session)

ORGANIZER(S): Dr. Sally Weller, The U. of Melbourne; Andrew Storey

CHAIR(S): Dr. Sally Weller, The U. of Melbourne

**8:00** Jennifer Clark\*, Georgia Institute of Technology; Susan Christopherson, Cornell U., *Killing the Goose That Laid the Golden Egg: Labor Market Flexibility and the Erosion of Competitive Advantage.*

**8:20** David Tyler McKay\*, U. of Minnesota, *The "Roll Over" and Potential "Roll Under" Phase of Neoliberalism: Critical Thinking as a Workforce Development Strategy.*

**8:40** Julie MacLeavy\*, U. of Wales, Aberystwyth, UK., *Engendering New Labour's Workfarist Regime.*

**9:00** Neil M. Coe, Dr. \*, The U. of Manchester; Jennifer L. Johns, Dr., The U. of Manchester; Kevin G. Ward, Dr., The U. of Manchester, *The globalization of the temporary staffing industry: the case of Australia..*

**5160. Land Reform and Agrarian Change: Experiences from the Global South (Sponsored by Africa Specialty Group, Cultural and Political Ecology Specialty Group, Latin America Specialty Group)**

*Room:* Sandburg 6 (Paper Session)

ORGANIZER(S): Brent McCusker, West Virginia U.; William G. Moseley, Macalester College

CHAIR(S): William G. Moseley, Macalester College

**8:00** Eric P Perramond\*, Colorado College, *Long waves of neo-liberalism and privatization in Mexico..*

**8:20** Elizabeth Lunstrum\*, U. of Minnesota, *Investing in Development: Mozambique's 1997 Land Law and the Limpopo National Park.*

**8:40** William G. Moseley\*, Macalester College, *Environmental Justice and Land Reform in the New South Africa: The Case of Farm Workers in the Western Cape Province.*

**9:00** Alistair Fraser\*, The Ohio State U., Geography Dept, *Land Reform, Hybrid Solutions, and the Power of Place in South.*

9:20 Brent McCusker\*, West Virginia U., *Limpopo's Experience with Land Reform: Progress and Prospects.*

**5161. Invasive and Exotic Species Ecology and Biogeography (Sponsored by Biogeography Specialty Group)**

Room: Sandburg 7 (Paper Session)

ORGANIZER(S): Andrew Scholl, Pennsylvania State U.

CHAIR(S): Andrew Scholl, Pennsylvania State U.

8:00 Chelsea Teale\*, Syracuse U.; Susan Millar, PhD, Syracuse U., *Holey Ground: The Distribution and Status of Earthworm Populations in Yukon Territory, Canada.*

8:20 Mark A Blumler, Assoc. Prof.\*, SUNY-Binghamton, *Dispersal Control of Invading Organisms.*

8:40 Joy J. Wolf\*, U. of Wisconsin-Parkside, Kenosha; UW-Parkside biogeography students; D Siemens, Black Hills State U.; Heather Patti, Cedarburg, Wisconsin, *Initial effects of garlic mustard in a spring ephemeral community.*

**5162. Southeast Asian Migrations and Identities 1 (Sponsored by Asian Geography Specialty Group)**

Room: Sandburg 8 (Paper Session)

ORGANIZER(S): Philip Kelly, York U.

CHAIR(S): Philip Kelly, York U.

8:00 James A. Tyner, PhD\*, Kent State U., *Militant Neo-liberalism and the Political Subjugation of Filipino Identities.*

8:20 Serene Tan\*, York U., *Southeast Asian Chinatowns & the Location of Identity.*

8:40 Rachel Silvey\*, U. of Colorado, *Governing Bodies: The Regulation of Indonesian Migrants at "Terminal 3".*

9:00 Maureen H. Hickey\*, *Cultural Ambassadors and Country Bumpkins: Neo-liberal Confusions and the Disciplining Taxi Driver Identities in Bangkok, Thailand.*

**5163. Wetlands**

Room: Montrose 1 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Janet H. Gritzner, South Dakota State U.

8:00 Ryan Robert Reker\*, Rainwater Basin Joint Venture; Andrew A Bishop, US Fish & Wildlife Service, *Detailed Wetland Vegetation Mapping in the Rainwater Basins of Nebraska Using 1-Meter Resolution Color-Infrared Aerial Photography.*

8:20 Wenji Zhao\*, Capital Normal U., china; Hui-Li Gong, Capital normal university, china; Tang Tao, Department of Geography and Planning SUNY-College at Buffalo, *Wetland Monitoring in Beijing, China based on Remote Sensing.*

8:40 Marilyne Y. Jollineau, Ph.D.\*, Brock U.; Hannah Wilson, Ph.D., Malaspina U. College; Philip Howarth, Ph.D., U. of Waterloo, *Extracting Spatial Information from Hyperspectral Imagery for Mapping Wetlands in Southern Ontario, Canada.*

9:00 Cynthia Berlin, Ph.D.\*, U. of Wisconsin - La Crosse; James Handley, Univeristy of Wisconsin - La Crosse, *Estimating Wetland Surface Water Retention.*

9:20 Janet H. Gritzner\*, South Dakota State U., *Resolving Wetland Depressions in Bare-ground LIDAR for the Devils Lake Basin, ND.*

**5164. The Biogeography of Trees, Woody Plants, and Boreal Forests***Room: Montrose 2 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Steven Jennings, U. of Colorado

**8:00** Jim Penn\*, Grand Valley State U., *History and use of palms and fruit trees in the western Amazon.***8:20** Michaela Buenemann\*, James Madison U., *Why we don't understand woody plant encroachment: a lack of interdisciplinary collaboration and participation by geographers.***8:40** Yao Ling\*, Michigan State U.; Jiaguo Qi, Michigan State U., *Examining the process of reforestation in the boreal forests in China: analysis of carbon dynamic in the ten years after the 1987 fire.***9:00** Ross K. Meentemeyer, PhD\*, U. of North Carolina at Charlotte, *Spatial Epidemiology of an Invasive Forest Pathogen Causing Sudden Oak Death.***9:20** Steven Jennings\*, U. of Colorado; Eric Billmeyer, U. of Colorado at Colorado Springs, *Subalpine and montane forest-climate interactions in Colorado.***5169. Environmental Modeling Techniques***Room: Montrose 7 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Veronique St-Louis, U. of Wisconsin - Madison

**8:00** Cerian Gibbes\*, U. of Florida, *Assessment of land cover change and conservation effectiveness in Trinidad..***8:20** Elsa Nickl\*, U. of Delaware; Pablo Lagos, Instituto Geofisico del Peru, *Trends of Air Temperature in the Central Peruvian Andes.***8:40** Nate Currit, Ph.D\*, Texas State U. | San Marcos, *ASTER-based LAI estimations in mountainous terrain.***9:00** Matthew E. Ramspott\*, Kansas Applied Remote Sensing Program; Kevin P. Price, Ph.D., Kansas Applied Remote Sensing Program, *Land Management Effects on the Modeling of Primary Production in Grasslands with Remote Sensing.***9:20** Véronique St-Louis\*, U. of Wisconsin - Madison; Anna M. Pidgeon, U. of Wisconsin - Madison; Volker C. Radeloff, U. of Wisconsin - Madison, *Texture measures in digital orthophotos as predictors of bird species richness in semi-arid environments.***5170. Perspectives on Spatial Data Analysis: A Session in Honor of Arthur Getis***Room: Burnham 1 (Paper Session)*

ORGANIZER(S): Serge Rey, San Diego State U.; Luc Anselin, U. of Illinois

CHAIR(S): Serge Rey, San Diego State U.

**8:00** Atsuyuki Okabe\*, U. of Tokyo; Barry Boots, Wilfrid Laurier U.; Toshiaki Satoh, U. of Tokyo, *A Class of Local and Global K-functions and Cross K-functions.***8:20** Daniel A. Griffith\*, U. of Texas @ Dallas, *Spatial filtering and missing georeferenced data estimation.***8:40** Yongwan Chun\*, The Ohio State U.; Michael Tiefelsdorf, The University of Texas at Dallas, *Estimating Auto-Poisson Regression Models by Spatial Eigenvector Filtering.***9:00** Luc Anselin\*, U. of Illinois; Sergio J. Rey, San Diego State U., *Perspectives on spatial analysis: the contributions by Arthur Getis to the field.*

Discussant(s): Arthur Getis, San Diego State U.

**5171. Qualitative Research & GIS (Sponsored by Qualitative Research Specialty Group, Geographic Information Science and Systems Specialty Group)***Room: Burnham 2 (Paper Session)*

ORGANIZER(S): LaDona G. Knigge, U. @ Buffalo (SUNY); Mei-Po Kwan, Ohio State U.

CHAIR(S): LaDona G. Knigge, U. @ Buffalo (SUNY)

**8:00** Timothy L. Hawthorne\*, The Ohio State U.; John Krygier, Ohio Wesleyan U.; Mei-Po Kwan, The Ohio State U., *Identifying Participant-Defined Recreational Trail Locations Using GIS and Q Methodology in Delaware County, Ohio: A Case Study of Qualitative Data Integration in GIS.***8:20** Christopher E. Brehme\*, U. at Buffalo; Liv Detrick, Pennsylvania State U., *Exploring public engagement in GIS initiatives at two different scales.***8:40** Jinkyu Jung\*, SUNY at Buffalo, *The Practice of Qualitative GIS through the Integration of GIS with CAQDAS.***9:00** LaDona G. Knigge\*, U. @ Buffalo (SUNY), *Borders, boundaries and scale: Approaching food security through qualitative research methods, ethnography and GIS.***5173. Historical Geography of the United States***Room: Burnham 4 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Michael R. Glass, Pennsylvania State U.

**8:00** David J Doran\*, Georgia State U., *Wharves to Waterfalls - A Geographical Analysis of the Massachusetts Political Economy (1763 - 1825).***8:20** William F. Fagan\*, Northwestern State U.; Melissa Hagen\*, Northwestern State U., *Left High and Dry: Transportation Issues in Natchitoches Parish, Louisiana, 1790-1920.***8:40** Karen J De Bres, Associate Professor of Geography\*, Kansas State U., *The Geographies of Power and Privilege at Plains Land-Grant Colleges 1862-1918.***9:00** Rich Heyman\*, U. of Minnesota, *Ontological and Nationalist Claims of Landscape at the Mississippi Headwaters.***9:20** Michael R. Glass\*, Pennsylvania State U., *Advocates of Change - Progressive Era Planning and the Reordering of Allegheny County.*



**5174. Critical Geographies of Education I (Sponsored by Geographic Perspectives on Women Specialty Group, Urban Geography Specialty Group, Social and Cultural Geography)**

*Room:* Burnham 5 (Paper Session)

ORGANIZER(S): Mary E. Thomas, Ohio State U.

CHAIR(S): Craig Jeffrey, U. of Washington

**8:00** Christine M. Drennon\*, Trinity U., *The Geography of the Textbook Publishing Industry.*

**8:20** Mary E. Thomas\*, Ohio State U., *'The boys, they just make everything a big deal': riots, racial/ethnic difference, and gendered response to violence in a Los Angeles high school.*

**8:40** Kristin Kay Seery\*, U. of Kentucky, *Geographies of Education in a Native American Nation: Investigating the Relationship Between the Spaces of Learning and the Formation of Identity.*

**9:00** Karen Falconer Al-Hindi\*, U. of Nebraska; Lesli M. Rawlings, U. of Nebraska-Lincoln, *Jumping scale in search of schools: Inter-district option enrollment in Omaha, Nebraska.*

Discussant(s): Craig Jeffrey, U. of Washington

**10:00 a.m. – 11:40 a.m.****5201. Critical explorations of militarism II: Militarized environments (Sponsored by Geographic Perspectives on Women Specialty Group, Socialist and Critical Geography Specialty Group, Cultural and Political Ecology Specialty Group)***Room:* Salon 1 (Paper Session)

ORGANIZER(S): Jeffrey Sasha Davis, U. of Vermont; Joni K. Seager, York U.

CHAIR(S): Joni K. Seager, York U.

**10:00** Matthew John Taylor\*, U. of Denver, *Militarism and the Environment in Guatemala*.**10:20** Jeffrey Sasha Davis\*, U. of Vermont, *"Fish and Wildlife is another name for the Navy:" Military destruction, environmental preservation and social justice*.**10:40** Giovanna Di Chiro, Ph.D\*, Mount Holyoke College, *Decolonizing Paradise: Environmental Justice, Anti-Militarism, and Transnational Politics in the Battle for Vieques, Puerto Rico*.**11:00** Kirstin Dow\*, U. of South Carolina; Carl Dahlman, U. of South Carolina, *Living Amid Landmines: Vulnerability and Human Security in Post-war Societies*.**11:20** Jonathan S Taylor, Ph.D\*, California State U. - Fullerton, *Bleeding into the Sea: the US Military and Okinawa's Environment*.**5204. Sedimentation in Geomorphology***Room:* Salon 4 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mark Schmeeckle, Arizona State U.

**10:00** Michael L. Cline\*, U. of Arizona; Jon Pelletier, Department of Geosciences, U. of Arizona; Stephen DeLong, Department of Geosciences, U. of Arizona, *Three-dimensional fluvial dilution modeling on varied geomorphic terrains; applications of a new channel-sediment contaminant model*.**10:20** Colin Belby, Graduate Student\*, U. of Wisconsin - Madison, *Historical Floodplain Sedimentation Along the Upper Mississippi River, Pool 11*.**10:40** Lindsay Theis\*, U. of Wisconsin-Madison, *Holocene bankfull flow estimates from paleo-channel geomorphology, Lemonweir River, Central WI*.**11:00** Alexandra Fleming\*, Dartmouth College, *Quantifying Fine Sediment in a Streambed: A Methodological Comparison in the Northeastern and Southwestern U.S.***11:20** Mark W Schmeeckle, Ph.D.\*, Arizona State U.; Ryosuke Akahori, Arizona State U., *Cohesive Sediment and the Stability of Grand Canyon Recirculation Eddy Beach Bars*.**5205. Ethics for GIS Professionals (Sponsored by Geographic Information Science and Systems Specialty Group, Ethics, Justice, and Human Rights Specialty Group)***Room:* Salon 5 (Panel Session)

ORGANIZER(S): Nancy J. Obermeyer, Indiana State Univ

CHAIR(S): Nancy J. Obermeyer, Indiana State Univ

Introducer: Nancy J. Obermeyer

Panelists: Francis Harvey, U. of Minnesota - Minneapolis; Dawn J. Wright, Oregon State U.; Will J. Craig, U. of Minnesota; Professor Peter A.K. Kyem, Central Connecticut State Univ; Melinda J. Laituri, Colorado State U.

**5206. Ordering/Disordering Space and Matter - Part 2***Room:* Salon 6 (Paper Session)

ORGANIZER(S): Dr. Caitlin O. Desilvey, Open U.; Dr. Tim Edensor, Manchester Metropolitan U.

CHAIR(S): Dr. Tim Edensor, Manchester Metropolitan U.

**10:00** Donna Houston\*, Griffith U., *Waste and the Topographical Archive: Activating Environmental Histories of the Present.***10:20** Lesley Gallacher\*, U. of Edinburgh, UK, *Block play, the home corner and the sand pit: educating young children.***10:40** Helen Watkins\*, U. of British Columbia, *Scaling the British Fridge Mountain: small print, big problem.***11:00** Tracey J. Potts\*, U. of Nottingham, *Organising Chaos: Clutter, Storage and Everyday Life.*

Discussant(s): Dr. Caitlin O. Desilvey, Open U.

**5208. Technonatures IV - Session 5: Technonatural Ethics, Aesthetics and Political Futures***Room:* Salon 8 (Paper Session)

ORGANIZER(S): Erik Swyngedouw; Dr. Damian White, James Madison U.

CHAIR(S): Dr. Damian White, James Madison U.

**10:00** Olivier Ejderyan\*, Department of Geography, U. of Zurich, *Pluri-disciplinarity and Public Participation as Acknowledgement of Hybridity - The Example of the River Seymaz Restoration Project in Geneva (Switzerland).***10:20** Jamie Lorimer\*, U. of Oxford, *The good, the brown and the ugly: Towards a sustainable, affective ethos of human-environment interaction.***10:40** Harold Alan Perkins, Ph.D. Candidate\*, U. of Wisconsin Milwaukee, *Equilibrium dynamics, actor-networks, and dead labor: nonhuman agency within urban political economies of nature.***11:00** Christine McCulloch, Dr\*, U. of Oxford, *Know thine enemy.***11:20** Jacques Lolive\*, Technonatures Sessions; Nathalie Blanc, *Aesthetic experience, small worlds and public spaces.***5209. Race and Poverty in Urban America: The Dimension of Discourse***Room:* Salon 9 (Panel Session)

ORGANIZER(S): Jodi C. Vender, Pennsylvania State Univ; Lakshman Yapa, Pennsylvania State

CHAIR(S): Jodi C. Vender, Pennsylvania State Univ

Introducer: Jodi C. Vender

Panelists: Chris Benner, Pennsylvania State U.; Lydia A. Savage, U. of Southern Maine; Meghan Cope, SUNY-Buffalo; David Wilson, U. of Illinois; Dr. Caru Bowns; Lakshman Yapa, Pennsylvania State

**5211. Critical Geographies of Education: Taking Back (Higher) Education — A roundtable discussion and strategy session (Sponsored by Socialist and Critical Geography Specialty Group, Graduate Student Affinity Group, Geography Faculty Development Alliance (GFDA))**

*Room:* Salon 11 (Panel Session)

ORGANIZER(S): Patricia Ehrkamp, Miami U. of Ohio; Jenna M. Loyd, UC Berkeley

CHAIR(S): Jenna M. Loyd, UC Berkeley

Panelists: Joy K. Adams, U. of Texas; Damon Scott; Jenna M. Loyd, UC Berkeley; Ruth Wilson Gilmore, U. of Southern California; Ms. Suzannah Moran; Stuart C. Aitken, San Diego State U.; Patricia Ehrkamp, Miami U. of Ohio; Scott Salmon, New School U.

**5212. Emerging Issues in Environmental Justice II**

*Room:* Salon 12 (Paper Session)

ORGANIZER(S): Mr. Martin Holmes; Mr. Kristian Larsen

CHAIR(S): Isaac N. Luginaah, U. of Western Ontario

**10:00** Kevin Smith\*, U. of Western Ontario; Isaac Luginaah, Ph.D, U. of Western Ontario, *'Living in a Bubble': Perceptions and Coping Strategies of the Aamjiwnaang First Nation in Ontario, Canada..*

**10:20** Kristian Larsen\*, U. of Western Ontario; Jason Gilliland, U. of Western Ontario, *Environmental equity and the grocery cart: exploring urban 'food deserts'..*

**10:40** David S. Moore\*; Suzanne Withers, *Public Housing Privilege and Parks in Seattle.*

**11:00** Christopher Boone\*, Arizona State U., *Environmental Justice and Open Space Amenities in Baltimore, Maryland.*

**5213. Spatial Analysis and Interpretation**

*Room:* Cresthill Room 11 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mr. Kevin Butler, The U. of Akron

**10:00** Qingfeng Guan\*, U. of California, Santa Barbara; Phaedon C. Kyriakidis, U. of California, Santa Barbara; Michael F. Goodchild, U. of California, Santa Barbara, *Parallel Computing for Geostatistical Areal Interpolation.*

**10:20** Zuoquan Zhao\*, Max Planck Institute of Economics, *Statistics of Spatial Distribution: An Integrated Framework.*

**10:40** Youngho Kim\*, Department of Geography, The Ohio State Univ., *Effects of smoothed rates to spatial autocorrelation.*

**11:00** Zhijun Yao\*, *Using an Neighbor-Expanding Approach to Improve Spatial Scan Statistics for Detecting Arbitrary Shape Disease Clusters.*

**11:20** Kevin Butler\*, The U. of Akron, *Geodatabase Representations of Topology.*

**5215. Remote Sensing and Land Use Change***Room: Private Dining Room 4 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Le Wang, Texas State U.

**10:00** Amy E. Daniels, PhD Student\*, U. of Florida; Kathleen R. Painter, M.S. Student, U. of Florida, *The Imprint of Milpa Agriculture on the Dry Tropical Forest of the Yucatan Peninsula.*

**10:20** Jeff Ueland\*, Ohio U., *Mapping the Recent Changes and Potential Futures of Florida's Mangrove Space.*

**10:40** Jonathan B Thayn\*, U. of Kansas; Kevin Price, Ph.D., U. of Kansas; Randall Boone, Ph.D., Colorado State U., *Estimating Red Cedar Invasion Rates using LandSat and Linear Spectral Unmixture Modeling.*

**11:00** Le Wang\*, Texas State U.; Jose Silvan, Texas State U., *Saltcedar detection in the Rio Grande Basin using space-borne remote sensing imagery.*

**5216. The Geography of Foreign Aid***Room: Private Dining Room 5 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Joseph Koroma

**10:00** Ilan Kapoor, Associate Professor\*, Faculty of Environmental Studies, York U., Toronto, *Foreign Aid as G(r)ift.*

**10:20** Iddrisu Adam, PhD, Assistant Professor\*, U. of Wisconsin College at Marshfield, *"Where is your NGO?": The Sociopolitics of AID in rural Ghana.*

**10:40** Godwin Arku\*, Wilfrid Laurier U.; Nathaniel Aguda\*, Queens U., *Policy Direction in the World Bank's Lending and Projects: the case of Ghana.*

**11:00** Joseph Tamba Koroma\*, Indiana State U.; Brian Ceh, Indiana State U., *Development, Poverty and Policy in the New African Millennium.*

**5217. Narrative and/In Political Ecology***Room: Private Dining Room 6 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): John Baldrige, U. of Arizona

**10:00** Vanessa Sparrow, BA, Post Grad Dip Psych, MPH\*, U. of British Columbia, *Telling stories about places: using narrative methodologies to understand human/environment relationships in achieving community sustainability.*

**10:20** Robin A. Lewis\*, U. of Arizona, *When sustainable is not sustainable: The discursive struggle between Greenpeace International and the Malaysian Timber Certification Council.*

**10:40** Stephen Matthew Wilburn, Ph.D. Candidate\*, U. of Cambridge, England, *Political Ecology of Mangroves in southern Honduras: Emergence and Evolution of Environmental Conflict in the Gulf of Fonseca.*

**11:00** Angela Cacciarru\*, *Access to resource and dynamics of land tenure in Gallura (Sardinia; Italy).*

**11:20** John Baldrige\*, U. of Arizona, *Capitalism in Your Cup: Labeling Regimes and Subjectification of Coffee Consumers.*

**5218. Western China: Development and Diversity (Sponsored by China Specialty Group, Asian Geography Specialty Group)**

Room: Private Dining Room 7 (Panel Session)

ORGANIZER(S): Stanley Toops, Miami U.

CHAIR(S): Stanley Toops, Miami U.

Panelists: Pradyumna P. Karan, U. of Kentucky; Unryu Suganuma, Obirin Univesity; Qian Guo, San Francisco State; Stanley Toops, Miami U.

**5219. Geographies of Hope (2)**

Room: Private Dining Room 8 (Paper Session)

ORGANIZER(S): Ben Anderson, Durham U.; Dr. Jill Fenton

CHAIR(S): Dr. Jill Fenton

**10:00** Ben Anderson\*, Durham U., *Urban Life and the Circulation of Disappointed Hope*.

**10:20** Eleanor Sanderson\*, Victoria U. of Wellington, *Eschatology and Development: Embodying Hope*.

**10:40** Bettina Van Hoven\*, Rijksuniversiteit Gronigen/FRW, *"Abandon hope, all ye who enter here": discussing everyday experiences of H/hope in prison..*

**11:00** Rob Shields\*, Univ. of Alberta - Space and Culture, *Biotechnological hope and the time-spaces of 'potentia'*.

Discussant(s): Nigel J. Thrift, U. of Oxford

**5220. Tourism Promotion Strategies**

Room: Private Dining Room 9 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Anne-Marie d'Hautesserre, U. of Waikato

**10:00** Jim A. Davis\*, Eastern Illinois U., *Where the Magic Began: Place Promotion Using Hometown Heroes*.

**10:20** Steven Schnell\*, Kutztown U. of Pennsylvania, *Idealized America: Place Imagery in Forty-Two Pounds of Tourist Literature*.

**10:40** Michael P. Marchioni, Ph.D., AICP\*, East Tennessee State U., *Cooperation: A Means of Enhancing the Local Tourism Economy*.

**11:00** Jeong-Rock Lee\*, Department of Geography, Chonnam National U., Korea, *Geography of Community Festivals and Events in South Korea: 1991-2002*.

**11:20** Anne-Marie d'Hautesserre, Tourism Program Coordinator\*, U. of Waikato, *The Walt Disney Company in partnership with the French State?*

**5223. Contemporary African diasporas: identities, associations and networks**

Room: Private Dining Room 16 (Paper Session)

ORGANIZER(S): JoAnn McGregor; Dr. Ben Page

CHAIR(S): Dr. Claire Dwyer

**10:00** Claire Charlotte Mercer, Dr\*, U. of Leicester; Martin Evans, Dr, U. of Leicester, *Desperately seeking the diaspora: hometown associations and the politics of development in Cameroon and Tanzania*.

**10:20** Ben Page\*, Department of Geography, U. College London; Martin Evans, U. of Leicester, *Death and the diaspora: the everyday necropolitics of home*.

**10:40** Dr. JoAnn McGregor\*, U. of Reading, *Children, gender and 'African values': Zimbabweans in the UK reshaping family and identity*.

11:00 Giles M Mohan, Dr\*, The Open U., UK, *Cosmopolitan states of development: homelands, citizenships, and diasporic Ghanaian politics.*  
 Discussant(s): Dr. Claire Dwyer

**5228. U.S./Canadian Cultural Geographies**

Room: Parlor A (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Laura M. Moley, Kansas State U.

10:00 Charles H Wade\*, Louisiana State U., *Oral History as an Analytical Tool for Understanding Place: A Case Study of Louisiana State University.*

10:20 Phillip Gordon Mackintosh, Ph. D\*, Brock U., *"Toronto the Good": bourgeois geographies in an English Canadian city before 1920.*

10:40 Vanessa Mathews\*, U. of Toronto, *In Pursuit of Dialogics: Excursions Through Late Victorian Toronto.*

11:00 Suzanne M. Simone\*, Central Connecticut State U., *Going Under: The Geography of the North American Subscape.*

11:20 Laura M. Moley, Ph.D.\*, Kansas State U., *Creating Overland Park: Landscape Aesthetics and Community Development.*

**5230. Territory, Mobility, and the Environment**

Room: Parlor C (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mr. Darrin Magee, U. of Washington

10:00 Jason Davis\*, Ohio State U., *Critical geopolitics and the territory/ property divide.*

10:20 Sarah Jaquette, MA\*, U. of Oregon, *Endangering Organ Pipe?: Immigrants and Nature on the US-Mexico Border.*

10:40 Jennifer Rogalsky\*, SUNY - Geneseo, *Fighting Development Pressure While Maintaining a Historic Sense of Place on Ocracoke, NC.*

11:00 Darrin Magee\*, U. of Washington, *Watts to Water: A Political Ecology of Hydropower and Rural-Urban Linkages in China.*

**5231. Economic Development: Tourism**

Room: Parlor D (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mr. Christopher Paynter, U. of North Carolina - Charlotte

10:00 Barbara Kearney\*, U. of Maryland, *The Role of the National Park in Shaping Gateway Community Development.*

10:20 Peter Allan Johnson\*, McGill U., *A Conceptual Overview of a Spatially Explicit Agent-Based Model of Tourism Development.*

10:40 Cesar Piovanetti\*, U. of Akron, *Site Suitability Analysis for Tourism Development; A Case Study: Vieques, Puerto Rico.*

11:00 Yuxia Huang\*, Department of Geography, State U. of New York at Buffalo; Ling Bian, Department of Geography, State U. of New York at Buffalo, *Design and implement a Semantic Web-based tour planning recommendation system.*

11:20 Christopher Paynter\*, U. of North Carolina - Charlotte; Wei-Ning Xiang, U. of North Carolina at Charlotte; Reed Perkins, Queens U. of Charlotte, *A GIS-Based Landfill Suitability Assessment for Sustainable Tourist Development on Yap, Federated States of Micronesia.*

**5232. Celebration of the Career of Dwight A. Brown II***Room: Parlor E (Panel Session)*

ORGANIZER(S): Susy Svatek Ziegler, U. of Minnesota - Minneapolis

CHAIR(S): Susy Svatek Ziegler, U. of Minnesota - Minneapolis

Introducer: Susy Svatek Ziegler

Discussant(s): Dwight A. Brown, U. of Minnesota - Minneapolis

Panelists: Philip Gersmehl, U.; Dr. Kuo-Chen Chang, National Taiwan Normal U.; Mary Ann Cunningham, Vassar College

**5233. Perspectives on Geographic Complexity 3: Theory and Techniques (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group)***Room: Parlor F (Paper Session)*

ORGANIZER(S): Peter J. Deadman, U. of Waterloo; Daniel G. Brown, U. of Michigan

CHAIR(S): Paul Torrens, Arizona State U.

**10:00** Alison Heppenstall\*, U. of Leeds; Andrew Evans, U. of Leeds, *Constructing a Framework for the Analysis of Complex Geographical Systems.***10:20** Helen Couclelis\*, U. of California, Santa Barbara, *Are people part of landscape dynamics? .***10:40** Daniel G. Brown\*, U. of Michigan; Derek T. Robinson, M.S., U. of Michigan; Li An, PhD, San Diego State U., *Implications of Bottom-Up and Top-Down Empirical Observations for an Agent-Based Model of Residential Development.***11:00** Derek T. Robinson\*, School of Natural Resources & Environment, Center for the Study of Complex Systems, U. of Michigan; Daniel G. Brown, School of Natural Resources & Environment, Center for the Study of Complex Systems, U. of Michigan; William S. Currie, School of Natural Resources & Environment, *Linking Ecosystem and Land-Use Process Models: A Way Forward.***11:20** Elizabeth Groff\*, Institute for Law and Justice and U. of Maryland, *Incorporating Space Into Agent-based Models: A Report on Implementing with ArcGIS' AgentAnalyst Toolbox.***5234. Scaling up for context II: governance, policy, and local-global linkages (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group, Cultural Geography Specialty Group)***Room: Parlor G (Paper Session)*

ORGANIZER(S): Valorie Crooks; Dr. Jeff Masuda

CHAIR(S): Heather Castleden, U. of Alberta

**10:00** David Scott\*, U. of Durham, *Living in and coming to know 'a community': the political participation of 'local people' through state spaces and practices of government.***10:20** Jeff R Masuda, CD, PhD\*, McMaster U.; Susan J Elliott, PhD, McMaster U.; Tracy Farmer, PhD, McMaster U., *Scaling the new public health in Canada.***10:40** Josh Lepawsky\*, U. of Victoria, *Using IT and being modern: citizen-subjects and national identity in Information Age Malaysia..***11:00** Takashi Yamazaki\*, Osaka City U., *Putting the U.S. military presence in contexts: global threats and local resentments.*



**5235. Where is Public Space? II (Sponsored by Political Geography Specialty Group)**

Room: *Parlor H* (Paper Session)

ORGANIZER(S): Clive Barnett; Stephanie J Simon, U. of Kentucky

CHAIR(S): Murray M. Low, London School of Economics

10:00 Michael P. Brown\*, U. of Washington, *A Geographer Reads "Geography Club": Spatial Metaphor & Metonym in Sexual/Textual Space.*

10:20 Lauren Martin\*, U. of Kentucky, *Speech Acts on the Head of a Pin: Regulation of Joking and Sarcasm in the Post-9/11 Airport.*

10:40 Sophie Watson\*, Open U., *Resisting Risk: Winter swimming in the Hampstead Ponds.*

11:00 Richard Van Deusen\*, Syracuse U., *Les Opérations ZACs: Programming Public Spaces for Business Improvement Districts in Paris.*

**5237. Transportation and Political Ecology (Sponsored by Cultural and Political Ecology Specialty Group, Transportation Geography Specialty Group)**

Room: *Dearborn 1* (Paper Session)

ORGANIZER(S): Julie Cidell, California State U., San Bernardino

CHAIR(S): Julie Cidell, California State U., San Bernardino

10:00 Richard Oddie\*, Faculty of Environmental Studies, York U., *Selective Circulation: The Political Ecology of Transportation Planning in Southern Ontario.*

10:20 Matthew T Huber\*, Clark U., *Hegemony at the pump - towards a political ecology of gasoline consumption.*

10:40 Rene Veron\*, U. of Guelph, *Remaking Urban Environments: The Political Ecology of Air Pollution in Delhi.*

11:00 Julie Cidell\*, California State U., San Bernardino, *The Production of Smog in San Bernardino County: A political ecology of air quality.*

Discussant(s): Jason Henderson, San Francisco State U.

**5238. European urban Development**

Room: *Dearborn 2* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mr. Khanh Hung Duong, Dept. of Geography, U. of Basel, Switzerland

10:00 Jörg Wendel\*, U. of Basel / Switzerland - Department of Geography, *Co-operation models and successful development of transborder regions - Visions and reality at the bi-national agglomeration of Strasbourg/Ortenau.*

10:20 Miguel S.M. Bandeira, Universidade do Minho; Jose A. Gavinha\*, Texas A&M U., *Urban transition and modernity: A study-case in Braga, Portugal.*

10:40 Anne Haila\*, U. of Helsinki, *Contracts, development rights and partnerships: Kamppi mega project in Helsinki.*

11:00 Nicole Commerçon\*, Director of Research CNRS, *Medium-sized towns, facing globalization, what future ?.*

11:20 Khanh Hung Duong\*, Dept. of Geography, Institute of Geography, U. of Basel, Switzerland, *Social and Spatial Inequality in Basel/Switzerland: An Analysis of the Urban Housing Supply.*

- 5239. Geographies of Contested Memory (Sponsored by Recreation, Tourism, and Sport Specialty Group, Political Geography Specialty Group, Historical Geography Specialty Group)**  
**Room:** Dearborn 3 (Paper Session)  
 ORGANIZER(S): Derek H. Alderman, East Carolina U.; Rudi Hartmann, U. of Colorado  
 CHAIR(S): Dr. William Jenkins  
**10:00** Fiona C. Henderson, Ph.D\*, Royal Holloway U. of London, *Gazing at Ruins: The Politics & Poetics of Bombsite Tourism in London Post-1945*.  
**10:20** Rudi Hartmann\*, U. of Colorado, "The Buchenwald Nazi Concentration Camp Memorial Site in Former East Germany: Practices and Policies in Celebrating the Anniversaries of the Camp Liberation".  
**10:40** Pauliina Raento\*, Academy of Finland, *The Contested Politics of Naming in the Basque Country*.  
**11:00** Jonathan Leib\*, Florida State U.; Gerald Webster, U. of Alabama, *Minority Influence Districts and State Legislative Votes on the Confederate Battle Emblem*.  
**11:20** Derek H. Alderman\*, East Carolina U., *Difficult Memories, Monumental Words: The Politics of Remembering Slavery in Savannah, Georgia*.
- 5241. Tourism in South and Southeast Asia**  
**Room:** Clark 1 (Paper Session)  
 ORGANIZER(S): Program Committee  
 CHAIR(S): Ms. Purba Rudra  
**10:00** Janet Cochrane, Senior Research Fellow\*, Leeds Metropolitan U., *Hierarchy, leadership and change in mountain Java, Indonesia*.  
**10:20** Nick Kontogeorgopoulos\*, U. of Puget Sound, *Community-Based Ecotourism in Southern Thailand: Partial Victories and Bittersweet Remedies*.  
**10:40** Maharaj Vijay Reddy\*, U. of Exeter, UK., *Reviving Tourism in the Andaman and Nicobar Islands of India (ANI): a Challenge for the Crisis and Disaster Management Planners*.  
**11:00** Abhijit Banerjee\*, U. of Delaware, *Looking beyond the market: A sustainable livelihoods approach to ecotourism in India*.  
**11:20** Purba Rudra\*, Rutgers U., *The use and impact of Information Technology on the traditional travel and tourism intermediaries: A case study of Delhi, India..*
- 5243. Performing Alternative Economic Imaginaries: Governace, Ethics, and the Everyday Spaces of Responsibility II (Sponsored by Economic Geography Specialty Group, Cultural and Political Ecology Specialty Group, Cultural Geography Specialty Group)**  
**Room:** Clark 3 (Paper Session)  
 ORGANIZER(S): Trina Hamilton, Clark U.  
 CHAIR(S): Michael K Goodman, King's College London  
**10:00** E. Melanie DuPuis\*, U. of California, SANT, *Civic Markets: Alternative Value Chain Governance as Public Performance*.  
**10:20** Rachel Slocum\*, St. Cloud State U., *Whiteness, space and alternate food practices*.  
**10:40** Ann Myatt James\*, U. of Oklahoma, *Unpacking and Assessing the Alterity of the Farmers' Market: Exploring the Activities of Producers*.  
**11:00** Lauren Baker, PhD Candidate\*, York U., Faculty of Environmental Studies, *The practice and politics of alternative maize networks in Oaxaca, Mexico*.

**5245. Quaternary Environments of the Americas II: Western U.S. (Sponsored by Climate Specialty Group, Biogeography Specialty Group)***Room:* Clark 5 (Paper Session)ORGANIZER(S): Amy M. Bloom, U. of Utah; Aaron P. Potito, The Ohio State U.  
CHAIR(S): David F. Porinchu, Ohio State U.**10:00** Amy M. Bloom\*, U. of Utah; Katrina A. Moser, U. of Western Ontario; David F. Porinchu, The Ohio State U.; Glen M. MacDonald, University of California Los Angeles, *Rapid climate change during the Pleistocene-Holocene transition in the central Sierra Nevada, California, USA inferred from changes in diatom-community composition.***10:20** Aaron P. Potito\*, The Ohio State U.; David F. Porinchu, The Ohio State U.; Glen M. MacDonald, UCLA; Katrina A. Moser, U. of Western Ontario, *A 15,000-year record of chironomid-inferred temperatures from a mid-elevation lake in the eastern Sierra Nevada, California.***10:40** James A. Wanket\*, California State U., Sacramento, *Last glacial maximum to recent forest dynamics in the western Klamath Mountains, California.***11:00** Kelly M. Burkle\*, U. of Nevada, Reno, *Middle to Late Holocene Change in Vegetation and Climate in the Jarbidge Mountains of Northeastern Nevada.***11:20** Scott A. Mensing, PhD\*, U. of Nevada - Reno, *Vegetation reconstruction of a riparian habitat, Sand Creek Massacre National Historic Site, Colorado.***5246. The Politics of Transnational Activist Networks: Translation, Theory, Practice (2)***Room:* Clark 7 (Paper Session)

ORGANIZER(S): Prof. Nina Laurie, Newcastle U., UK; Jon R. Binnie, Manchester Metropolitan U.

CHAIR(S): Prof. Nina Laurie, Newcastle U., UK

**10:00** MELTEM YILMAZ SENER\*, U. of Illinois - Champaign, *Mothers of the Plaza De Mayo and Saturday Mothers.***10:20** Audrey L. Kobayashi\*, Queen's U.; Brian Ray, PhD, Department of Geography, U. of Ottawa, *Moral crusades, Transnational Activism and Human Rights.***10:40** Dereka Rushbrook\*, U. of Arizona, *Solidarity Tourism: Camps on the Border.***11:00** Katy Jenkins\*, U. of Newcastle upon Tyne; Nina Laurie, Professor, U. of Newcastle upon Tyne, *Grassroots Transnationalism? A Dialogue Across 30 Years of Gender-based and Indigenous Activism.*

Discussant(s): Jon R. Binnie, Manchester Metropolitan U.

**5248. Topics in Urban Geography***Room:* Clark 9 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Prof. Joan Walker, Boston U.

**10:00** Wun Fung Chan\*, U. of Strathclyde, *Constructing Characters: the assets of Birmingham's multicultural population and its others.***10:20** Jeffrey Zimmerman\*, U. of Wisconsin-Parkside, *From Brew Town to Cool Town: Enacting Neoliberalism through the creative class redevelopment strategy in Milwaukee.***10:40** Sonya M Glavac\*, Arizona State U.; Andrew Kirby, Arizona State U.; Sara Gutierrez, Arizona State U.; Kristin Davis, Arizona State U., *Does Neighborliness Still Exist in the Land of HOAs? .*

11:00 Laura Smith\*, Macalester College, *Mortgage Foreclosures and Neighborhood Change in the Twin Cities Metro Area.*

11:20 William P. Anderson, Boston U.; Joan L. Walker\*, Boston U., *Demand for Intermodal Freight Services: A Choice Theoretic Framework.*

**5249. Multi-ethnic and Mixed-Race Realities: The Everyday Contexts of Race and Ethnicity II (Sponsored by Population Specialty Group, Urban Geography Specialty Group, Ethnic Geography Specialty Group)**

Room: Clark 10 (Paper Session)

ORGANIZER(S): Margaret Anne Hudson, U. of Texas-Arlington; Ms. Serin Houston

CHAIR(S): Ms. Serin Houston

10:00 Margaret Anne Hudson, Assistant Professor\*, U. of Texas-Arlington, *Situating Identity and Belonging: Multiethnic Latino Adults and Their Contexts of Difference.*

10:20 Deanna H. Benson\*, U. of Wisconsin-Milwaukee, *Homeownership and Identities of Difference in Mixed-Race Neighborhoods, Milwaukee, Wisconsin.*

10:40 Richard A. Wright\*, Dartmouth College; Steven Holloway\*, U. of Georgia; Mark Ellis\*, U. of Washington, *The Neighborhood and Household Geographies of Mixed-Race America.*

11:00 Serin D. Houston\*, U. of Washington, *Spatial Stories: Mixed-Race Household Geographies in Tacoma, Washington.*

11:20 Robert A. Yarbrough\*, U. of Georgia, *Everyday Urban Geographies and the Adoption of Pan-Ethno Racial Identities among Central American-born Residents of Atlanta, GA, USA.*

**5250. Author Meets the Critics: Matt Sparke's "In the space of theory"**

Room: LaSalle 1 (Panel Session)

ORGANIZER(S): Joanne P. Sharp, U. of Glasgow

CHAIR(S): Joanne P. Sharp, U. of Glasgow

Introducer: Joanne P. Sharp

Panelists: Neil Smith, City U. of New York; Emily Gilbert, U. of Toronto; John Pickles, U. of North Carolina; Melissa W. Wright, Penn State U.; Prof. David Campbell; Matthew Sparke, U. of Washington

**5251. Nietzsche and Geography**

Room: LaSalle 2 (Panel Session)

ORGANIZER(S): Keith Woodward, U. of Arizona; Dr. Paul Thomas Kingsbury, Simon Fraser U.

CHAIR(S): Paul Robbins, U. of Arizona

Panelists: Dr. Paul Thomas Kingsbury, Simon Fraser U.; Joel D Wainwright, The Ohio State U.; Susan Ruddick, U. of Toronto; Deborah Dixon; Keith Woodward, U. of Arizona; Jane Jacobs; Sarah Whatmore, Oxford U.; John-David C. Dewsbury, U. of Bristol

**5252. Neoliberalism, Nature and Governance 2b: civil society and strategies of resistance***Room:* LaSalle 3 (Paper Session)

ORGANIZER(S): Jessica Budds, U. of Oxford; Noel Castree

CHAIR(S): Jessica Budds, U. of Oxford

**10:00** Rachel DeMotts\*, Lake Forest College, *New Divisions 'Beyond Borders': Living in a Southern African Ecotourism Paradise.***10:20** Jill Harrison\*, Univ of California, Santa Cruz; Dustin Mulvaney, Univ of California, Santa Cruz, *Social resistance in neoliberal context: Unpacking the contradictory politics of pesticide drift and genetic pollution in California agriculture.***10:40** Michael Goldman, professor\*, U. of Minnesota, Twin Cities, *What is "Neoliberalism" Good For? Exploring the Concept through the Looking-glass of World Bank Power".***11:00** Jose A. Peralta\*, Department of Sociology, U. of Illinois at Urbana-Champaign, *Environmental journalism for green neoliberalism and the construction of the global commons.***5253. Fortean Geographies I***Room:* LaSalle 4 (Paper Session)

ORGANIZER(S): James Kneale, Department of Geography, U. College London; Julian J. Holloway, Manchester Metropolitan U.

CHAIR(S): James Kneale, Department of Geography, U. College London

**10:00** Julian J. Holloway, Dr. \*, Manchester Metropolitan U.; David Bell, Dr., Manchester Metropolitan U.; James Kneale, Dr., U. College London, *Exploring the spaces of Forteana.***10:20** Jo Little\*, U. of Exeter, Dept. of, *Ghosts, Witches and Rural Nature.***10:40** Caron Lipman\*, QMUL, *Haunted Homes, Private Places, Secret Selves.***11:00** Martin Dodge\*, Geography, School of Environment and Development, U. of Manchester; Rob Kitchin, National U. of Ireland, *Exposing the secret city: urban exploration as 'space hacking'.*

Discussant(s): James Kneale, Department of Geography, U. College London

**5254. Health Equity***Room:* LaSalle 5 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Daniel Block, Chicago State U.

**10:00** Nancy Ross\*, McGill U.; James Dunn, Centre for Research on Inner City Health, St. Michael's Hospital, *Urban Inequalities, Neighbourhood Influences on Health and Place-Based Policy.***10:20** David Parr\*, Texas State U.-San Marcos, *Analyzing Health Care Access in Austin, Texas.***10:40** Pariwate Varnakoviada\*, Joseph P. Messina\*, *Health Care Equity: Travel Time Analysis of Michigan's Community Hospitals.***11:00** Daniel Block\*, Chicago State U., *Mapping Supermarket Access and Food Stamp Card Utilization in the Chicago Area.*

**5256. Environmental Measurement - From Carbon Credits To Environmental Impact Assessment***Room: Sandburg 2 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Dr. Amy Richmond, USMA

**10:00** Shrimidhi S. Ambinakudige\*, U. of West Georgia, *An Extended Environmental Entitlement Framework to study nature-society interactions.***10:20** Stephen R. Cameron\*, Michigan State U., *Measuring additionality in Amazonian protected areas: methods to assess the impact of protected area status on land cover change.***10:40** Wafik Hanna Matta\*, Postgraduate Research Student, School of Geography, The U. of Nottingham, *Employing integrated environmental appraisal as a tool for sustainable development.***11:00** Liem Tran\*, Florida Atlantic U.; Robert V O'Neill, TN&A, Inc.; Elizabeth R Smith, U.S. EPA, *A Generalized Distance Measure for Integrating Multiple Environmental Assessment Indicators.***11:20** Amy Richmond, PhD\*, USMA, *Estimating a shadow price for Net Primary Production.***5257. The Urban Foodscape: city creativity and local food ecologies (Sponsored by Economic Geography Specialty Group, Urban Geography Specialty Group, Cultural Geography Specialty Group)***Room: Sandburg 3 (Paper Session)*

ORGANIZER(S): Betsy Donald, Queen's U.

CHAIR(S): Aaron Bobrow-Strain, Whitman College

Introducer: Aaron Bobrow-Strain

**10:01** Jerome Kaufman\*, Department of Urban/Regional Planning, U. Wisconsin-Madison, *The Role of Planners in the Emerging Field of Community Food System Planning.***10:18** Betsy Donald\*, Queen's U., *The 'star chef' in the making and placing of the knowledge-intensive city.***10:35** Shaun Tanaka\*, Queen's U., *Chopsticks and California Rolls: How Japanese Culinary Culture and Cosmopolitanism are Negotiated in Toronto's Restaurant Landscapes.***10:52** Alison Blay-Palmer\*, Queen's U., *Sustainable urban food systems: Organiponicos in Havana, Cuba.***11:09** Kevin Morgan\*, Cardiff U., *The Forgotten Foodscape: School Canteens, Social Justice and Sustainable Development.*

Discussant(s): Meric S. Gertler, U. of Toronto

**5258. Territory and Flows: Assessing the New Geographies of Social Movements II***Room: Sandburg 4 (Paper Session)*

ORGANIZER(S): Walter J. Nicholls, Queen Mary, U. of London; Julie-Anne Boudreau, York U.

CHAIR(S): Dr. Justin Beaumont, U. of Groningen

**10:00** Michael Mcquarrie\*, New York U., *Regionalism and the Politics of Scale: Constructing a Virtuous Public, Building Competitiveness, or Jumping Scales? .***10:20** Leela Viswanathan, PhD Candidate\*, York U., *Mega-City Masala: Cross-cultural alliances and the amalgamation of Toronto.*

10:40 Katharine L Wiegele, Ph.D.\*, Northern Illinois U., *Mass and Mass Mediated Spaces of Religious Community in Manila, Philippines*.  
 Discussant(s): Gerda R. Wekerle, York U.

**5259. Geographies of Labour/Cultures of Labour - 2 (Sponsored by Economic Geography Specialty Group)**

Room: Sandburg 5 (Paper Session)

ORGANIZER(S): Dr. Sally Weller, The U. of Melbourne; Andrew Storey

CHAIR(S): Dr. Sally Weller, The U. of Melbourne

10:00 Michael J. Marchman\*, U. of Kentucky, *Taxis and Tourists: Labor Process and Landscape Transformation in the Eastern Caribbean*.

10:20 Andrew Storey\*, Royal Holloway, U. of London, *A Labour of Love? Working regimes and cultures of humanitarianism in London's asylum-refugee nexus*.

10:40 Francis Owusu\*, Iowa State U., *Rethinking Public Sector Reforms in Ghana: The case for Greater Empiricism and Understanding of Organizational Cultures*.

11:00 Suzanne Mills\*, U. of Saskatchewan, *Changing workplace culture: women's experiences of corporate diversity initiatives...*

Discussant(s): Erica Schoenberger, Johns Hopkins U.

**5261. Climatology and Hazards of Severe Weather (Sponsored by Climate Specialty Group, Hazards Specialty Group)**

Room: Sandburg 7 (Paper Session)

ORGANIZER(S): Dr. Walker S. Ashley, Northern Illinois U.

CHAIR(S): Dr. Walker S. Ashley, Northern Illinois U.

10:00 Philip W. Suckling\*, Texas State U.-San Marcos; Walker S. Ashley, Northern Illinois U., *Spatial and Temporal Characteristics of Tornado Path Direction*.

10:20 Ashley Coles\*, U. of Arizona; Katherine K. Hirschboeck, Laboratory of Tree-Ring Research, U. of Arizona, *Rain Gages, Stream Gages, and High Water Marks: Sorting out the Phenomenon of Flash Flooding from Multiple Perspectives*.

10:40 Shea Rose\*, Florida State U.; J. Anthony Stallins, Florida State U., Department of Geography; Mace L. Bentley, Northern Illinois U., Department of Geography, *Delineating urban-enhanced lightning production: an approach using flash-defined thunderstorm tracks*.

11:00 Christine Krause\*, National Weather Service; Steve Rogowski, National Weather Service; Kenneth Labas, National Weather Service, *Climatology of Severe Weather Occurrences in NE Illinois and NW Indiana 1980-2005*.

11:20 Walker S. Ashley\*, Northern Illinois U., *Windstorm-induced Casualties in the United States*.

**5262. Southeast Asian Migrations and Identities 2 (Sponsored by Asian Geography Specialty Group)**

Room: Sandburg 8 (Paper Session)

ORGANIZER(S): Philip Kelly, York U.

CHAIR(S): Philip Kelly, York U.

10:00 Junjia Ye, B.A. (Honours), M.A.(II)\*, York U., *Multiple identities in a transnational workplace: The case of Singapore's financial sector*.

10:20 Tom Lusic\*, U. of Guelph, *"Aseno na gyud ka": Filipino-Canadian Transnationalism and The Social, Economic and Cultural Capital of Being "Abroad"*.

10:40 Tammy C. Ho, Ph.D.\*, U. of Iowa, Women's Studies & English, *Women of the Temple: Burmese Migration and Gender in the U.S.*

11:00 Silvia D'Addario\*, York U., *Understanding Labour Market Segmentation: Filipina Healthcare Workers in Transnational Toronto.*

Discussant(s): Rachel Silvey, U. of Colorado

### 5263. Intimate Worlds

Room: Montrose 1 (Paper Session)

ORGANIZER(S): Dr Catherine Nash, Queen Mary, U. of London; Dr. Bronwyn Parry  
CHAIR(S): Dr Catherine Nash, Queen Mary, U. of London

10:00 Catherine Nash, Dr\*, Queen Mary, U. of London, *Mapping origins: 'genetic ignorance' and the global redistribution of dislocation.*

10:20 Shelley Grant, MPhil/PhD Candidate\*, Queen Mary College, U. of London, *of State and Bone: Exploring Dis-locations within the Identities of Transnationally Adopted Children.*

10:40 Miles Ogborn\*, Queen Mary, U. of London, *"Marry not with Infidels": Pocahontas and the historical geography of global intimacy.*

11:00 Bronwyn C Parry, Dr\*, Queen Mary U. of London, *From the Intimate to the Global: Bio-medical science and the private life of genetic samples.*

Discussant(s): Simon M. Reid-Henry, U. of Cambridge

### 5264. Terrorism, Surveillance, and the Media

Room: Montrose 2 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): John Carr

10:00 Virginia Thompson\*, Towson U., *Terror in the Heartland: Repositioning Oklahoma.*

10:20 Jeffrey McGovern\*, U. of Arizona, *Soldiers, Veterans, The Internet, and Politics.*

10:40 Jules Boykoff\*, Pacific U., *Surveillance and Spatial Depletion: The FBI and Martin Luther King, Jr. .*

11:00 John Carr, J.D.\*, U. of Washington, *Digital Spaces of Exception: The War on Terror and the Role of Emergent Technologies of Biopolitics. .*

### 5265. Census Geographic Area Research

Room: Montrose 3 (Paper Session)

10:00 Mei-Ling Freeman\*, U.S. Bureau of the Census, *Defining "Urban" and "Rural" in Puerto Rico.*

10:20 Kevin Hawley\*, U.S. Bureau of the Census, *Rural Statistical Areas.*

10:40 Vincent Osier\*, U.S. Bureau of the Census, *Alaska Native Geographic Areas.*

### 5269. Gender & Place

Room: Montrose 7 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Ximena Rueda, Clark U.

10:00 Nancy Alexander\*, Southern Connecticut State U., *Eternal Home: Women's Sacred Space.*



**10:20** Peter Cheng-Chong Wu\*, Department of Geography, National Taiwan Normal U., *Kitchen Drama and Taipei Stories: Cooking Gender, Culture, Space and Technology in Everyday Urban Life.*

**10:40** Stephen James Atherton\*, U. of Wales: Aberystwyth, *Constructing Men.*

**11:00** Micheala C Denny, Ph.D. Candidate\*, Florida State U., *Reconceptualizing the Political Sphere Debate: Women's Activism and Organization on a University Campus.*

**11:20** Ximena Rueda\*, Clark U., *Biodiversity Conservation and Sustainable Livelihoods: Gendered Livelihoods, Gendered Landscapes.*

**5270. Mapping, Modeling, and Spatial Analysis**

*Room: Burnham 1 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Gashawbeza W. Bekele, West Virginia U.

**10:00** Xiaolan Wu\*, Central Michigan U.; Alan T Murray, The Ohio State U., *Identifying Critical Network Infrastructure: n most vital arc problem.*

**10:20** Michael F. Morgan\*, U. of South Carolina, *A Decision Support Tool for Georeferencing Duplicate Place Names.*

**10:40** Steven Castongia\*, U. of North Carolina - Charlotte; Andrew Schumpert Schumpert, U. of North Carolina - Charlotte; Wei-Ning Xiang, U. of North Carolina - Charlotte; Seok-Won Lee, U. of North Carolina - Charlotte; William J. Tolone, U. of North Carolina - Charlotte, *A Spatial Approximation Method for Electrical Substation Service Area Delineation and Its Applications in Homeland Security Planning.*

**11:00** Aniruddha Banerjee\*, Prevention Research Center, Berkeley, *Some New Findings, 'Curse' of Dimensionality and the Future of Mapping.*

**11:20** Gashawbeza W. Bekele\*, West Virginia U.; Randall W Jackson, West Virginia U., *Identifying Spatial Clusters of Industries: A Methodological Approach.*

**5271. Virtual learning communities in geographic higher education (Sponsored by Communication Geography Specialty Group, Geography Education Specialty Group)**

*Room: Burnham 2 (Panel Session)*

Panelists: James A. Brey, U. of Wisconsin-Fox Valley; Janet Smith, Shippensburg U.; Dr. Rich B. Schultz, Elmhurst College; Michael W. Longan, Valparaiso U.; David Butler, U. of Southern Mississippi; Mark Carper

**5273. Historical Resource Identities in the American Northeast and Midwest**

*Room: Burnham 4 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): John Patrick Harty, Kansas State U.

**10:00** John E. Harmon\*, Central Connecticut State U., *Use of "Valley" in Vernacular Region Names in the Northeastern United States.*

**10:20** Jeffrey J. Gordon, Associate Professor of Geography\*, Bowling Green State U., *Maple-Sugaring as an Historical.*

**10:40** Jeff Young\*, U. of Minnesota, *The Timber Culture Landscape of Minnesota.*

**11:00** John Patrick Harty\*, Kansas State U., *Legendary Landscapes: Paul Bunyan and the Northwoods.*

**SATURDAY, MARCH 11**

**10:00 AM - 11:40 AM**

**5200**

**5274. Critical Geographies of Education II (Sponsored by Geographic Perspectives on Women Specialty Group, Urban Geography Specialty Group, Social and Cultural Geography)**

*Room:* Burnham 5 (Paper Session)

ORGANIZER(S): Mary E. Thomas, Ohio State U.

CHAIR(S): Craig Jeffrey, U. of Washington

**10:00** Alex D Standish, PdD Candidate\*, Rutgers U., *Citizen's of America or American Citizens of the World: A Study of High.*

**10:20** Glenna C Harris, PhD Candidate\*, U. of Toronto, *Education for citizenship: Geographies of education in Ontario schools.*

**10:40** Jessica Pykett\*, Bristol U., *Making Citizens in the Classroom. The Geographies of Citizenship Education.*

**11:00** Claudia Hanson Thiem\*, U. of Wisconsin-Madison, *Charter Schools and Co.: Developing an Institutional Infrastructure for Neoliberalization.*

**11:20** Ranu Basu\*, York U., *Mapping the Urban Landscape of Education Reform in the Toronto Region.*

**SATURDAY, MARCH 11**

**11:40 AM - 2:00 PM**

**12:00 PM - 1:40 PM**

**2:00 PM - 3:00 PM**

**11:40 a.m. – 2:00 p.m.**

**AAG Awards Luncheon**

*Room: Red Lacquer Room*

Join colleagues and friends in honoring the recipients of AAG Honors and other awards and prizes for 2006. In addition to AAG Honors, the Anderson Medal in Applied Geography, and the J. Warren Nystrom Awards will be presented, as well as specialty group and other awards and prizes. The AAG's 2006 Fifty-Year Members will also be recognized at the luncheon. The cost of the luncheon is \$45, including service and tax. A complete table of ten is also available for \$420. Tickets can be purchased at the AAG Registration Desk

**12:00 p.m. – 1:40 p.m.**

**5335. Where is Public Space? III**

*Room: Parlor H (Paper Session)*

ORGANIZER(S): Clive Barnett; Murray M. Low, London School of Economics

CHAIR(S): Stephanie J Simon, U. of Kentucky

**12:00** Glyn Williams\*, *Ritualised democracy, routinised participation? Reforming the state and reshaping public space in West Bengal.*

**12:20** Marcia England\*, U. of Kentucky, *It's a jungle out there: Community policing, territoriality and public space.*

**12:40** Gareth A Jones\*, London School of Economics; Maria Moreno Carranco, U. of California Berkeley, *Public Space and Everyday Practices in the Mexican city: the local production of the global.*

**1:00** Murray Low, Dr, London School of Economics; Clive Barnett, Dr\*, The Open U., *Constituting the public in the post-apartheid city.*

Discussant(s): Lynn Staeheli

**2:00 p.m. – 3:00 p.m.**

**AAG Business Meeting**

*Room: Crystal Room*

**2:00 p.m. – 3:40 p.m.****5401. Critical Explorations of Militarism 3: Feminist Geopolitics & Everyday Life I (Sponsored by Geographic Perspectives on Women Specialty Group, Socialist and Critical Geography Specialty Group, Ethics, Justice, and Human Rights Specialty Group)***Room:* Salon 1 (Paper Session)

ORGANIZER(S): Jenna M. Loyd, UC Berkeley; Jennifer J. Casolo, U. of California at Berkeley

CHAIR(S): Jennifer J. Casolo, U. of California at Berkeley

**2:00** Sara Koopman\*, U. of British Columbia, *Can Lady Benevolent Bring Down Empire?***2:20** James Derrick Sidaway\*, Loughborough U., *Feminism, Geopolitics and Journey's: Rebecca West's Europe revisited.***2:40** Jenna M. Loyd\*, UC Berkeley, *Mothering Underground: Early Death, Militarism & Reproductive Freedom.***3:00** Orna Blumen\*, U. of Haifa, *Performing Peace: Women In Black as a Gendered Spatio-Temporal Challenge To The Urban Order.***5404. Geomorphology by the Numbers***Room:* Salon 4 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Michael Woldenberg, State U. of New York at Buffalo

**2:00** Bai Ming\*, 3-604, Chunzheng Li, Heiniucheng Road, Hexi District, Tianjin, China, 300221; Xiang Qu, 3-604, Chunzheng Li, Heiniucheng Road, Hexi District, Tianjin, China, 300221, *An Inhomogeneous Distribution Model of Strong Earthquakes Along Strike-Slip Active Fault Segments On the Chinese Continent And Its Implication In Engineering Seismology.***2:20** Houston Saunderson\*, Wilfrid Laurier U., *Ballistic Paths of Volcanic Ejecta.***2:40** Mark Welford\*, Georgia Southern U., *New model for landslide initiation and landform development in steep, tropical mountains.***3:00** Michael Woldenberg, Professor\*, State U. of New York at Buffalo, *Derivation of Horton's Number Law From A Fibonacci Growth Model.***5405. Geographies of Citizenship and Movement 1***Room:* Salon 5 (Paper Session)

ORGANIZER(S): Elizabeth Mavroudi; Ms. Elaine Lynn-Ee Ho, U. College London

CHAIR(S): Elizabeth Mavroudi

**2:00** Cheryl McEwan\*, U. of Durham, *Redeeming citizenship?.***2:20** Elizabeth Mavroudi\*, Durham U., *Strategic ambivalence and the Palestinian diaspora in Athens, Greece: the coupling and decoupling of citizenship, statehood and 'identity'.***2:40** Elaine Lynn-Ee Ho\*, U. College London, *The Sixth 'C?': Conceptualising Citizenship In A Transnational World.***3:00** Jennifer Dickinson\*; Adrian J Bailey, Dr, *Rescaling the Indian Diaspora.*

**5408. Merchandising Nature: Ecology, Equity, and New Green Markets (Sponsored by Cultural and Political Ecology Specialty Group)**

Room: Salon 8 (Paper Session)

ORGANIZER(S): Morgan M. Robertson, US Environmental Protection Agency; Dr. Kathleen McAfee, U. of CA Berkeley

CHAIR(S): Dr. Kathleen McAfee, U. of CA Berkeley

**2:00** Kathleen McAfee\*, U. of CA Berkeley, *Selling Nature to Save It II: Environmental Services*.

**2:20** Morgan M. Robertson\*, US Environmental Protection Agency, *Looking for price in an ecosystem service market*.

**2:40** April M Luginbuhl Mather\*, The Ohio State U., *Voluntary Carbon Markets and Capital: Contradictions of the Chicago Climate Exchange*.

**3:00** Nathan F. Sayre\*, U. of California, Berkeley, *Rangeland Conservation in the US: either green or market, but not both*.

Discussant(s): Adam Tickell, U. of Bristol

**5409. Population and Land Use**

Room: Salon 9 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Darryl T. Cohen, U.S. Bureau of the Census

**2:00** Todd Gardner\*, U.S. Bureau of the Census, *Classification of Settlement Types in the United States*.

**2:20** Jia Lu\*, Jia Lu, U. of Wisconsin-Stevens Point, *Interactive Model between Population and Employment Density*.

**2:40** Guangqing Chi\*, U. of Wisconsin - Madison; Paul R Voss, U. of Wisconsin - Madison, *Small-Area Population Forecasting: An Interdisciplinary Spatio-Temporal Approach*.

**3:00** Darryl T. Cohen\*, U.S. Census Bureau, *Analyzing changes in U.S. settlement patterns over time using a comparative density approach: 1990-2000*.

**5411. Population change and the urban hierarchy (Sponsored by Population Specialty Group)**

Room: Salon 11 (Paper Session)

ORGANIZER(S): Prof. Suzanne Davies Withers, U. of Washington

CHAIR(S): Debbie Fugate, San Diego State U.

**2:00** Jason Jurjevich\*, U. of Arizona, *A Lighter Shade of Blue: Changing Electoral Geography in Minnesota as a Result of Migration*.

**2:20** Marc J. Perry\*, U.S. Bureau of the Census, *Micropolitan Statistical Areas: What do they look like? Where are they located?*.

**2:40** Paul J. Mackun\*, U.S. Bureau of the Census, *Metropolitan Statistical Area Population and Employment Analysis*.

**3:00** Beth Wilkinson\*; Cole T. E. Fitzpatrick; David A Plane, *Migration, Educational Attainment, and Human Capital Flows Up and Down the U.S. Urban Hierarchy*.

**3:20** Debbie Fugate\*, San Diego State U., *A Geodemographic Framework for Examining Populations in a Security Context*.

**5412. Explorations in Regional Geography***Room: Salon 12 (Paper Session)*

ORGANIZER(S): Blake Gumprecht, U. of New Hampshire

CHAIR(S): John C. Hudson, Northwestern U.

**2:00** David Robertson\*, State U. of New York, Geneseo; Nathan Bennett, State U. of New York, Geneseo, *The Genesee Valley: Oak Ecology and Land Use on the Developer's Frontier.*

**2:20** David J. Wishart\*, U. of Nebraska, *Great Plains Gothic: Stories from the Drought of the 1890s.*

**2:40** John Fraser Hart, Ph.D.\*, U. of Minnesota - Minneapolis, *A Door County Potpourri.*

**3:00** Marshall E Bowen\*, Mary Washington College, *The Changing Character of a Russian Molokan Village near Phoenix, Arizona.*

**3:20** Blake Gumprecht\*, U. of New Hampshire, *Paradise for Misfits: College Towns as Bohemian Islands.*

**5413. Spatial Analysis of Human Dimensions***Room: Cresthill Room 11 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Hyun Kim, Ohio State U.

**2:00** Vickie Backus\*, U. of Utah; Michael Gilpin, PhD, Montana State U., *Genetics Meets Geography.*

**2:20** Stacey D Maples\*, Yale U. Map Collection; Fang Qiu, U. of Texas at Dallas, *Visual Prominence: A Topographic Variable Based Upon Visual Perception of the Landscape and its Application to Archaeological Data..*

**2:40** Brett J Machovina, M.A., The Ohio State U.\*, US Air Force Academy, *Modeling of Pedestrian Mobility Across a Natural Landscape.*

**3:00** Gunhak Lee\*, Center for Urban and Regional Analysis and the Department of Geography, The Ohio State U., *An accessibility measure for telecommunication infrastructure: development and implication..*

**3:20** Hyun Kim\*, Ohio State U.; Morton E O'Kelly, Ohio State U., *p-Hub dispersion model of telecommunication network.*

**5415. Remote Sensing and Spatial Analysis***Room: Private Dining Room 4 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Ms. Yuki Hamada

**2:00** John Adler, NPOESS CrIS Instrument Manager\*, NOAA IPO, *NPOESS- An Overview of the Next Generation Polar Wx Satellites.*

**2:20** Peter m Maluki, Graduate student\*, miami university, ohio.; peter m maluki, graduate student, miami university, ohio, *Mapping Land cover/use change in the arid and semi arid Mbeere district, Kenya: Combining AVHRR data with Landsat Multitemporal data..*

**2:40** Geoffrey Lewis\*, The U. of Michigan, *What's in a pixel? Accounting for Landsat instrument point spread function effects..*

**3:00** Yuki Hamada\*, San Diego State U.; Douglas A. Stow, San Diego State U.; Sergio J. Rey, San Diego State U.; Lloyd Coulter, San Diego State U., *Methods for Assessing Thematic Accuracy of Classification Maps Derived from Remotely Sensed Imagery.*

**5416. The Geography of Cancer***Room: Private Dining Room 5 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Ms. Bing Shi, Texas A&amp;M U.

**2:00** Jamison F. Conley\*, Pennsylvania State U.; Mark Gahegan, Pennsylvania State U.,  
*Spatial analysis in GeoVISTA Studio: Implementation and application to cancer data.*

**2:20** Sandberg E Scott\*, Central College; Catherine J Conway, Central College; Heidi Miksch, Central College; Katherine Haun, Central College; Sara Venables, Central College; Anya Butt, Central College; Ellen DuPre, Central College,  
*Using GIS To Investigate Possible Associations Between Select Herbicide Concentrations And The Incidence of Cancer In Iowa.*

**2:40** Gillian AvRuskin\*, BioMedware, Inc.; Jaymie Meliker, U. of Michigan School of Public Health; Melissa Slotnick, U. of Michigan School of Public Health; Stacey Fedewa, U. of Michigan School of Public Health; Geoffrey Jacquez, BioMedware, Inc.; Andy Kaufmann, BioMedware, Inc.,  
*Residential proximity to a farm and risk of bladder cancer: A life-course analysis.*

**3:00** Bing Shi\*, Texas A&M U.; Daniel Z. Sui, Texas A&M U.,  
*Geography Patterns of Breast Cancer In The U.S.: Compositional Vs. Contextual Factors.*

**5418. Infrastructures of Feeling (Sponsored by Socialist and Critical Geography Specialty Group)***Room: Private Dining Room 7 (Paper Session)*

ORGANIZER(S): Clayton Rosati, U. of Vermont; Robert Ross, Syracuse U.

CHAIR(S): Clayton Rosati, U. of Vermont

**2:00** Bob Ross\*, Syracuse U., *Things Called Culture.*

**2:20** Cheryl Morse Dunkley\*, U. of Vermont / U. of British Columbia, *Natural Discipline: Landscape, Emotion and Wilderness Therapy.*

**2:40** Euan Hague\*, DePaul U., *"We dictate the rules" - community activism, emotional authority and land-use zoning in Chicago.*

**3:00** Patrick Vitale\*, U. of Toronto, *"People's Capitalism": post-World War II working class suburbanization and the Cold War.*

Discussant(s): Nik Heynen, U. of Wisconsin at Milwaukee

**5419. Urban Spatial Analysis***Room: Private Dining Room 8 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Dr. Alexandra Syphard

**2:00** Kobayashi Takatsugu\*, Indiana U., *An analysis of the relationship between urban form and commuting times using centrographical and directional measures.*

**2:20** Yanbing Tang\*, U. of Georgia, *An integrated GIS-spatial analysis way to analyze Atlanta's urban structure.*

**2:40** Matthew C. Mulbrandon\*, PSU, *An Agent-Based Process Model for Simulating Housing Price, Residential Location, and Congestion in Knoxville, Tennessee.*

**3:00** Zaria Tatalovich\*, U. of Southern California; John P Wilson, U. of Southern California; Jennifer Swift, U. of Southern California, *Reconstructing Spatio-Temporal Patterns of Social Vulnerability: Los Angeles, 1940-2000.*

**3:20** Alexandra Dunya Syphard, PhD\*, U. of Wisconsin-Madison; Keith C. Clarke, PhD, U. of California, Santa Barbara; Janet Franklin, PhD, San Diego State U.,

*Simulating the combined effects of urban growth and high fire frequency on native shrublands in southern California.*

**5426. The Spaces and Articulations of Economic Practices 1 (Sponsored by Economic Geography Specialty Group)**

*Room:* Monroe Ballroom (Paper Session)

ORGANIZER(S): Adrian Smith, Queen Mary U. of London; Alison Stenning

CHAIR(S): Alison Stenning

**2:00** Roger Lee\*, Queen Mary, U. of London, *The ordinary economy: tangled up in value and geography.*

**2:20** Jessaca Leinaweaver\*, U. of Manitoba, *Providing Company: Between the Economic and the Familiar in Highland Peruvian Homes.*

**2:40** Martin H. Hess\*, U. of Manchester, *Regional development and its discontents: Transnational entrepreneurship and the limits of a learning region in Otavalo/ Ecuador.*

**3:00** Adrian Smith\*, Queen Mary U. of London; Alison Stenning, U. of Newcastle; Alena Rochovska, Queen Mary, U. of London; Dariusz Swiatek, U. of Newcastle, *Economic Practices and Everyday Life: Household Strategies in Two 'Post-Socialist' Cities.*

**3:20** Raye Ng\*, U. of Liverpool, *Corporate culture in contemporary Singapore.*

**5428. Indigenous Issues In The United States And Canada**

*Room:* Parlor A (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): James C. Saku, Frostburg State U.

**2:00** Nicole Kornetzke\*, Karl Byrand, U. of Wisconsin - Sheboygan, *Rapid City's Sioux Addition: A Preliminary Investigation into a Native American Cultural Landscape.*

**2:20** Brett Anderson\*, U. of Kansas, *The Changing Role of Indians in Oklahoma's Image.*

**2:40** Margaret A. Knox\*, U. of Oregon, *Identity, Territory, and Place: Insights from the Warm Springs Reservation.*

**3:00** Sarah N. De Leeuw\*, Queen's U., *Golfing Against Graves: The Ktunaxa-Kinbasket People's Reclamation and Transformation of St. Eugene's Indian Residential School.*

**3:20** James C. Saku\*, Frostburg State U., *The population characteristics of Aboriginal Canadians: issues and trends.*

**5429. Meeting Needs: Health Disability and Policy**

*Room:* Parlor B (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mr. Christopher D. Murr, Texas State U.-San Marcos

**2:00** Seth E Spielman, MSUP\*, Columbia U., SUNY Buffalo, *The built-environment and health research challenges and opportunities.*

**2:20** Stacey Martin\*, Georgia State U.; Yanique Redwood, Georgia State U., *Giving the Community a Voice: Community-based Mapping and Urban Health.*

**2:40** Catherine Emma Jones\*, U. College London; Paul A Longley, UCL; Muki Haklay, UCL, *Measuring Health Performance: Local Measures for Local People.*



**3:00** Anna McCall-Taylor\*, U. of Washington, *Gendered Household Decision-Making and the Pursuit of Employer-Based Health Insurance.*

**3:20** Christopher D. Murr\*, Texas State U.-San Marcos; Scott L. Walker, ScEdD, Texas State U.-San Marcos, *Disabled Students and Standards in the U.S.?with Special Emphasis on Geography Standards.*

**5430. Spatial Uses in the European City**

*Room:* Parlor C (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Mr. Michael Niedzielski, Ohio State U.

**2:00** Bernd Belina\*, Universität Potsdam, Institut Für Geographie, *The materiality of space and scale in recent urban policing: the case of the 'Betretungsverbote' in Germany.*

**2:20** Albertine Maria Lucia Van Diepen\*, U. of Amsterdam, The Netherlands, *De Wallen: tourist trap or the tourist district trashed. How the legal, the semi-legal and the illegal get together.*

**2:40** Monica Degen\*, Brunel U., *Sensuous encounters: the changing faces of el Raval (Barcelona).*

**3:00** Vincenzo Guarrasi\*, U. of Palermo, *Geographies of cultural contact inside the cosmopolitan city: Mediterranean cities looking for new identities.*

**3:20** Michael Niedzielski\*, Ohio State U., *Spatial disaggregation and commuting efficiency: the case of four cities in Poland.*

**5431. Economic Development: Concepts and Theories**

*Room:* Parlor D (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Daisaku Yamamoto, Univ of Minnesota

**2:00** Michael J. Taylor, Prof\*, U. of Birmingham, *'Clusters': The Mesmerising Mantra.*

**2:20** Greg M. Spencer, PhD Candidate\*, U. of Toronto, *Geographies of Creativity: the effects of cognitive diversity on the location and performance of industrial activity.*

**2:40** Sanjoy Chakravorty\*, Temple U., *Globalization and Inequality: A Theoretical Framework.*

**3:00** Wolfgang Hoeschele\*, Truman State U., *Property Regimes to Promote Individual Freedom, Social Equity, and Environmental Sustainability.*

**3:20** Daisaku Yamamoto\*, Univ of Minnesota, *Comparing a Country with a Region: Apples and Oranges?.*

**5432. Migration, Religion, and Changing Places**

*Room:* Parlor E (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Dr. William C. Rowe, Jr., Louisiana State U.

**2:00** Garrett C. Smith, Ph.D.\*, Kennesaw State U., *Atlanta's Changing Religious Landscapes: The Korean Christian Community.*

**2:20** Komolafe Julius Akinwumi, B.Sc; M.Litt\*, Trinity College, Dublin, *A Geography of Nigerian's Churches in Ireland.*

**2:40** Joseph Mensah, Associate Professor\*, York U., *Transnational Religious Practices and Identities among Ghanaian Immigrants in Toronto: A Preliminary Commentary.*

3:00 Denis A. Bekaert\*, Middle Tennessee State, *Spatial Distribution and Demographic Uncertainties of Muslims in the United States.*

3:20 William C. Rowe, Ph.D.\*, Louisiana State U., *The Genesis of "Cultural Islam" and Its Effects on Post-Independence Central Asia.*

**5433. Perspectives on Geographic Complexity 4: Applications (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group)**

Room: Parlor F (Paper Session)

ORGANIZER(S): Peter J. Deadman, U. of Waterloo; Paul Torrens, Arizona State U.

CHAIR(S): Peter J. Deadman, U. of Waterloo

2:00 Wenwu Tang\*, U. of Iowa; Dave Bennett, U. of Iowa, *Simulating Risk-Avoidance Behavior of Elk In Northern Yellowstone Park By Using Evolutionary Neural Networks.*

2:20 Li An\*, San Diego State U.; Daniel G Brown, U. of Michigan; William Rand, Northwest U., *Complexity Science in Support of Disaster Alleviation: Preferences, Places, and Promises.*

2:40 Yichun Xie, Professor\*, Eastern Michigan U.; Michael Batty, Professor, U. College London; Kang Zhao, Graduate Student, Eastern Michigan U., *Modeling Urban Growth and Sustainability in a Desakota Area of China.*

3:00 Paul M Torrens, B.A. (Mod) Hons, M.A., M.A., Ph.D\*, Arizona State U., *The complexity of crowds.*

**5434. Scaling up for context III: power, marginalization, and scalar relations (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group, Cultural Geography Specialty Group)**

Room: Parlor G (Paper Session)

ORGANIZER(S): Valorie Crooks; Dr. Jeff Masuda

CHAIR(S): Dr. Jeff Masuda

2:00 Jacqueline A. Housel\*, SUNY at Buffalo, *The Trouble with Discipline: Policing Race, Maneuvering Place in Buffalo, New York.*

2:20 Luisa Veronis\*, U. of Toronto, *The nonprofit sector as a contradictory space of citizenship formation for immigrants in Canada.*

2:40 Vanessa Hudson\*, U. of Kentucky, *Scalar Fluidity and Social Change Organizations.*

3:00 Chin-Yen Anne Wu\*, U. of Toronto, *Power Geometries on the Move.*

3:20 Steve Smith\*, Missouri Southern State U., *Scale, Movement and Epistemology: from Plato to social movement.*

**5435. Transport Geography: Assessing the Current State of the Subdiscipline (Sponsored by Transportation Geography Specialty Group)**

Room: Parlor H (Panel Session)

ORGANIZER(S): Irene Casas, SUNY at Buffalo; Mark W. Horner, Florida State U.

CHAIR(S): Mark W. Horner, Florida State U.

Introducer: Mark W. Horner

Panelists: William R. Black, Indiana U.; Kingsley E. Haynes, George Mason U.; Mei-Po Kwan, Ohio State U.; Jean-Paul Rodrigue, Hofstra U.; Shih-Lung Shaw, U. of Tennessee; Selima Sultana, U. of North Carolina-Greensboro; Timothy Vowles, Victoria U. of Wellington

**5438. Forest Analysis Using Remote Sensing***Room: Dearborn 2 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Doug Goodin, Kansas State

**2:00** Jingfeng Xiao\*, Department of Geography, U. of North Carolina at Chapel Hill;  
 Aaron Moody, Department of Geography, U. of North Carolina at Chapel Hill,  
*Expansion of western juniper in central Oregon: rates and carbon consequences.*

**2:20** Jialing Wang\*, Slippery Rock U. of Pennsylvania, *Detection of Longleaf Pine Forests in the Red Hills Region Using Remote Sensing Data.*

**2:40** Conghe Song\*, UNC Chapel Hill, *Extracting Forest Canopy Structure Using Spatial Information of Remotely Sensed Imagery.*

**3:00** Minh Kim\*; Minh Kim, *Forest stands extraction from Ikonos image with object-oriented and texture data.*

**3:20** Douglas G Goodin\*, Kansas State; Rhett Mohler, Kansas State U., *An Object-Oriented Approach to Land Cover Classification at an Atlantic Forest Site.*

**5439. Critical Perspectives on the American South I: Identities and Boundaries (Sponsored by Southeastern Geographer)***Room: Dearborn 3 (Paper Session)*

ORGANIZER(S): Derek H. Alderman, East Carolina U.; Joshua F. Inwood, The U. of Georgia

CHAIR(S): W. Scott Whitlock, U. of Arizona

**2:00** Jamie Winders\*, Syracuse U., *Identity Politics in/and the U.S. South.*

**2:20** David R. Jansson\*, Vassar College, *"What Would Lee Do?" Internal Orientalism in the U.S. and the Moral Geographies Southern Nationalism.*

**2:40** Michael E. Crutcher\*, mcrut00@uky.edu, *What y'all ni\*\*as know about the Dirty South: overcoming cultural essentialists to create a positive regional identity.*

**3:00** Joshua F. J. Inwood\*, The U. of Georgia, *A Northerner Comes South: The Significance of Place and Positionality.*

**3:20** Christian Allen\*, U. of Georgia, *Redefining boundaries: migrant smuggling and state control in the Rio Grande Valley.*

**5441. Theorizing Agricultural Frontiers***Room: Clark 1 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Mr. Brendan Sweeney

**2:00** Lucas C. Ward, M.A.\*, Geography Department, U. of Colorado - Boulder,  
*Introducing risk to the conceptualization of livelihoods and sustainability.*

**2:20** Laurel Suter\*, U. of California, Santa Barbara, *Pasture in the Agricultural Frontier: Sierra de Lacandón National Park, Guatemala.*

**2:40** Lorna E Sister\*, CIP-UPWARD, *Using "Wealth Rank" in a Cultivation-Decisions Model among Forest Buffer Zone Communities in Bukidnon, Philippines.*

**3:00** Trikurmianti Kusumanto\*, Center for International Forestry Research, *Shifting symbiosis in Indonesian forests. Boundary work at the science-policy interface.*

**3:20** Brendan Anthony Sweeney, M.A.\*, Queen's U., Department of Geography,  
*Communities of Practice and the Tree Planting Industry in Northern Ontario.*

- 5443. Performing Alternative Economic Imaginaries: Governance, Ethics, and the Everyday Spaces of Responsibility III (Sponsored by Economic Geography Specialty Group, Cultural and Political Ecology Specialty Group, Cultural Geography Specialty Group)**  
**Room:** Clark 3 (Paper Session)  
 ORGANIZER(S): Michael K Goodman, King's College London  
**2:00** Julia Affolderbach\*, Simon Fraser U., *Environmental bargains: the role of ENGOs in regional forest regimes.*  
**2:20** C Patrick Heidkamp\*, U. of Connecticut, *Ethical Consumption Practices, Alternative Trade Networks and Human Economic Rights.*  
**2:40** Kim McNamara\*, The U. of Sydney, Australia; Michael K Goodman, Kings College, London, *Going on The 'Charm Offensive': Fair Trade and the Role of the Celebrity Endorser.*  
**3:00** Trina Hamilton\*, Clark U., *Sending the Right Signals: Information Brokering and Corporate Responsibility.*
- 5445. Quaternary Environments of the Americas III: Innovative Approaches (Sponsored by Climate Specialty Group, Biogeography Specialty Group)**  
**Room:** Clark 5 (Paper Session)  
 ORGANIZER(S): Amy M. Bloom, U. of Utah; David F Porinchu, Ohio State U.  
 CHAIR(S): Aaron P. Potito, The Ohio State U.  
**2:00** Donald G. Sullivan\*, U. of Denver, *Holocene Climate Fluctuations, Effective Moisture, and Carbon Sequestration: Applications of Peat Humification Analysis.*  
**2:20** Kevin Gilmore\*, Department of Geography, U. of Denver; Donald Sullivan, Department of Geography, U. of Denver, *of Humic Bondage: evidence of late Holocene climate change from peat humification analysis of cores from small-scale fens in eastern Colorado..*  
**2:40** Zachary P. Taylor\*, U. of Tennessee; Sally P. Horn, U. of Tennessee; Claudia I. Mora, U. of Tennessee, *Intra-Basin Variation of Stable Carbon Isotope Ratios.*  
**3:00** Sally P. Horn\*, U. of Tennessee; John C. Rodgers III, Mississippi State U., *The Need for Salvage Paleoeology: Pollen Analysis at Laguna Azul, Costa Rica, and Other Examples.*  
 Discussant(s): Donald G. Sullivan, U. of Denver
- 5446. The Politics of Transnational Activist Networks: Translation, Theory, Practice (3)**  
**Room:** Clark 7 (Paper Session)  
 ORGANIZER(S): Prof. Nina Laurie, Newcastle U., UK; Jon R. Binnie, Manchester Metropolitan U.  
 CHAIR(S): Prof. Nina Laurie, Newcastle U., UK  
**2:00** Jeffrey S. Juris, Ph.D.\*, Arizona State U. West, *Transnational Activist Networking and the Cultural Politics of the World Social Forum.*  
**2:20** David M. Walker\*, U. of Kentucky; John Paul Jones III\*, U. of Arizona; Susan M Roberts, U. of Kentucky; Oliver R Froehling, Centro de Encuentros y Diálogos Interculturales, Oaxaca, México, *When Participation meets Empowerment: The WWF and the Politics of Invitation in Chimalapas, Oaxaca.*  
 Discussant(s): Jon R. Binnie, Manchester Metropolitan U.

**5448. Urban Economic and Social Geography***Room: Clark 9 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Diana K.Y. Mok, The U. of Western Ontario, Dept. of Geography

**2:00** Mathieu Charron\*, U. of Quebec (INRS-UCS); Philippe Apparicio, U. of Quebec (INRS-UCS), *Is economic segregation more acute at residence than at work?.***2:20** Joel P Larson\*, Macalester College, *The Political Ecology of Food Security in Urban America: A model based on Minneapolis-St. Paul, Minnesota.***2:40** Andy Walter\*, U. of West Georgia, *Placing Hunger: The Role of the Food Security Survey in Developing Geographical Understandings of Hunger in the United States.***3:00** Robert Winston Taylor\*, Montclair State U., *Brownfields Redevelopment for Older Central Cities.***3:20** Diana K.Y. Mok\*, The U. of Western Ontario, Dept. of Geography, *Do two-earner households base their choice of residential location on both incomes?.***5449. Multi-ethnic and Mixed-Race Realities: The Everyday Contexts of Race and Ethnicity III (Sponsored by Geographic Perspectives on Women Specialty Group, Urban Geography Specialty Group, Ethnic Geography Specialty Group)***Room: Clark 10 (Paper Session)*

ORGANIZER(S): Margaret Anne Hudson, U. of Texas-Arlington; Ms. Serin Houston

CHAIR(S): Margaret Anne Hudson, U. of Texas-Arlington

**2:00** Irina Kudenko\*, U. of Leeds, *Multicultural policies of citizenship and older immigrant communities in the UK: the dynamic of identity shifts in the Jewish community of Leeds.***2:20** Andrew David Burridge\*, U. of Southern California, *Cultural Integration and Hybridization at the U.S.-Mexico Borderlands.***2:40** Katrinka C. Somdahl-Sands\*, Macalester College; Heidi Geier, MFA, U. of Minnesota, *The Creation of a Fusion Form: Tap Dance and the Diffusion of Movement.***3:00** Ipsita Chatterjee\*, Clark U., *Packaging of Identity and Identifiable Packages: A Study of Women-Commodity Negotiation through Product Packaging.***3:20** Christy L. Rogers\*, Ohio State U., *A Downward Continuity: Governance and Multi-Racial Identities in the 19th Century.***5450. Political Economy of Water Management (Sponsored by Water Resources Specialty Group, Political Geography Specialty Group, Asian Geography Specialty Group)***Room: LaSalle 1 (Paper Session)*

ORGANIZER(S): Hussein A. Amery, Colorado School of

CHAIR(S): Hussein A. Amery, Colorado School of

**2:00** Hussein A. Amery\*, Colorado School of Mines, *Peace Through Water Trade.***2:20** Samer N. Alatout\*, U. of Wisconsin-Madison, *Against political-economy! A cultural studies perspective on water relations: Palestine, Israel, and systems of domination.***2:40** Juha I. Uitto, PhD\*, United Nations Development Programme, *Sustainable Water Resources Management under Changing Climate: A Case from Central Vietnam.*

3:00 Daanish Mustafa\*, U. of South Florida, *'They could privatize the people now': Water Supply Privatization, neo-liberalism, and Social Justice in Belize City, Belize.*

Discussant(s): Ghazi Falah, U. of Akron

**5451. Knowledge and Leadership in Economic Development**

Room: LaSalle 2 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Ms. Elana Tovah Wilson, U. of Cambridge

2:00 Kristina V. Andersen\*, Copenhagen Business School; Mark Lorenzen, associated professor, Copenhagen Business School, *The Scale Problem in the Geography of the European Creative Class.*

2:20 David Valler\*, Iowa State U.; Andrew Wood, U. of Oklahoma, *Institutions, institutional change and regional economic development.*

2:40 Adrian J Smith\*, *Leadership in the New Economic Geography.*

3:00 Elana T Wilson\*, U. of Cambridge, *Models and the Export of Political and Economic Knowledge.*

**5452. The Tall Building Geographically Reconsidered I**

Room: LaSalle 3 (Paper Session)

ORGANIZER(S): Mr. Ignaz Strebel; Jane Jacobs

CHAIR(S): Mr. Ignaz Strebel

2:00 Mona Domosh\*, Dartmouth College, *Spaces of Empire? American commercial imperialism and international tall building construction at the turn of the 20th century.*

2:20 Paul V Anderson\*, Institute of Geography, U. of Edinburgh, *How Tall Buildings Replicate: The Singapore Highrise and Transnational Architectural Knowledge Flows.*

2:40 Larry R. Ford\*, San Diego State U., *Taming the Tower: Skyscrapers, Globalization and Sense of Place.*

3:00 Peter Nicholas Adey\*, U. of Wales, Aberystwyth, *The Nerve Centre: the airport control tower as an architecture of transmission.*

3:20 Jane M Jacobs\*, U. of Edinburgh, *Situating the Bioclimatic Skyscraper.*

**5453. Fortean Geographies II**

Room: LaSalle 4 (Paper Session)

ORGANIZER(S): James Kneale, Department of Geography, U. College London; Julian J. Holloway, Manchester Metropolitan U.

CHAIR(S): Dr. David J. Bell, Staffordshire U.

Introducer: Dr. David J. Bell

2:20 Edgar Wunder, Dr.\*, U. of Heidelberg, Germany, *Place and space in the world of anomalistics: A tribute to Marcello Truzzi (1935-2003).*

2:40 Deborah P Dixon, Dr\*, Institute of geogrpahy and Earth Science, *Mauss Magic.*

3:00 Adrian Ivakhiv\*, U. of Vermont, *Heteroglossic spaces: The promises of spectral geographies, from Earth mysteries to the X-Files.*

Discussant(s): Sheila Hones, The U. of Tokyo

**5454. Health and the City**

Room: LaSalle 5 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): David Ralston, City of Oakland

**2:00** Fredrick Blum, Professor Emeritus of Geography\*, Chicago State U.; Fredrick Blum, Professor Emeritus of Geography, Chicago State U., *Community and City Conflict: Preservation of an Historic Park Landscape.*

**2:20** Wah Ler Sein\*, SUNY Buffalo, *The Role of Negative Urban Environmental Quality in Neighborhood Population Change.*

**2:40** Stephen S. Aichele\*, Michigan State U. and US Geological Survey, *Measuring the effects of land-use change in suburban Detroit on water quality and quantity using gradient and temporal analysis techniques.*

**3:00** Hua Liu\*, Indiana State U., *The impact of landscape patterns and land surface temperatures on the spread of West Nile Virus.*

**3:20** David C Ralston, PhD (2005), M.C.P, M.ARCH\*, City of Oakland, *Water and the City - Tracing the trajectory of a green and sustainable postmodern vision.*

**5456. Environmental Planning, Citizen Participation, and the Politics of Space**

Room: Sandburg 2 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Richard A. Walker, U. of California-Berkeley

**2:00** W. Jefferson West II\*, U. of Kentucky, *What's the Difference? Spatiality versus Territoriality in Political Geography.*

**2:20** Kari Forbes-Boyte\*, Dakota State U., *Making public property private: Grazing rights on Bureau of Land Management holdings.*

**2:40** Logan Hennessy\*, UC Berkeley, Environmental Science, Policy, and Management, *Race and Differentiation in Guyana's Indigenous Movement: Foreign Solutions and National Challenges.*

**3:00** Yoshitaka Miyake\*, U. of Hawaii, Manoa, *The Role of Social Capital in Flood Mitigation on the Sacramento River at Hamilton City, California.*

**3:20** Richard A. Walker\*, U. of California-Berkeley, *The Urban Greenbelt from Liberalism to Neo-Liberalism: The Case of the San Francisco Bay Area.*

**5457. Climate Change in the East and Midwest**

Room: Sandburg 3 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jeffrey A. Andresen, Michigan State

**2:00** Keith G. Henderson\*, Villanova U., *Climate variations and large-scale patterns of autumn foliage.*

**2:20** Lawrence E Band, U. of North Carolina\*, Univesity of North Carolina - Chapel Hill; Richard Smith, U. of North Carolina, *Drought vulnerability in North Carolina: Low flow response to expected climate and land use change in water supply watersheds.*

**2:40** Carrie E. Davis\*, Purdue U.; Jonathan Harbor, Purdue U.; Benjamin Tyner, Purdue U., *Increasing Magnitudes of Extreme Precipitation Events in the Midwest.*

**3:00** Fan Chen\*, U. of North Carolina - Chapel Hill, *Predawn Soil Moisture Control of Daytime Canopy Conductance in a Pine Forest in Southeastern United States.*

**3:20** Jeffrey A. Andresen\*, Michigan State U.; Jay R. Harman, Michigan State U.; Aaron M. Pollyea, Michigan State U., *Cut-Off Lows in the Great Lakes Region: Climatology and Precipitation Contribution.*

- 5458. Exploring historical geography with historical GIS (Sponsored by Historical Geography Specialty Group, Geographic Information Science and Systems Specialty Group)**
- Room:* Sandburg 4 (Paper Session)
- ORGANIZER(S): Ian N. Gregory, Queen's U., Belfast  
 CHAIR(S): Mary Ruvane, U. of North Carolina - Chapel Hill
- 2:00** Ian N. Gregory\*, Queen's U., Belfast, *Analysing changing patterns of infant mortality with historical GIS.*
- 2:20** Robert Schwartz\*, Mount Holyoke College, *Let No Region Be Left Behind: Railways and the Uneven Development in France during the 19th Century.*
- 2:40** Robert B. McMaster, Ph.D.\*, U. of Minnesota - Twin Cities; Jonathan Schroeder, Ph.D. Student, University of Minnesota; Mark B. Lindberg, Ph.D., U. of Minnesota, *The National Historic Geographic Information System (NHGIS).*
- Discussant(s): Mary Ruvane, U. of North Carolina - Chapel Hill
- 
- 5459. Geographies of Labour/Cultures of Labour - 3 (Sponsored by Economic Geography Specialty Group)**
- Room:* Sandburg 5 (Paper Session)
- ORGANIZER(S): Dr. Sally Weller, The U. of Melbourne; Andrew Storey  
 CHAIR(S): Andrew Storey
- 2:00** Sally Weller\*, The U. of Melbourne, *The Corporatisation of Union Strategy: Redefining Activism in Australian Airline Unions.*
- 2:20** Danny MacKinnon\*, U. of Aberdeen; Jon Shaw, U. of Aberdeen; Andy Cumbers, U. of Glasgow, *Privatisation and the Re-scaling of Employment Relations in the UK Rail Industry.*
- 2:40** Lydia A. Savage\*, U. of Southern Maine, *Challenging Global Capitalism One Industry at a Time: SEIU's "Change to Win" Plan.*
- 3:00** John Holmes\*, Queen's U.; Tod D. Rutherford, Syracuse U., *Faustian Bargains: Unions, State Policy and the Restructuring of the North American Automotive Industry.*
- Discussant(s): Jane Wills, Queen Mary, U. of London
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- 5460. Vulnerability, Global Change and Climate Extremes: Conceptual Challenges and Empirical Examples (Sponsored by Cultural and Political Ecology Specialty Group, Human Dimensions of Global Change Specialty Group)**
- Room:* Sandburg 6 (Paper Session)
- ORGANIZER(S): Hallie Eakin, Universidad Nacional Autonoma De Mexico; Louise E. Every  
 CHAIR(S): Hallie Eakin, Universidad Nacional Autonoma De Mexico
- 2:00** Colin Polsky\*, Clark U., *Towards a Meta-Analysis of Global Change Vulnerability Studies.*
- 2:20** Hallie Eakin\*, U. of California, Santa Barbara, *Institutional Capacity and Flooding in the Upper Lerma Valley, Mexico.*
- 2:40** Louise E. Every\*, Institute for Public Policy Research, *The consideration of vulnerability in the growth plans for London and the South East of England.*
- 3:00** William D. Solecki\*, Hunter College; Robin M. Leichenko, Rutgers U., *Globalization, Urban Environmental Change, and Local Vulnerability.*
- 3:20** Robin M. Leichenko\*, Rutgers U.; Karen L. O'Brien, U. of OSLO, *Double Exposure: Global Environmental Change, Globalization and Human Security.*



**5461. Tourism geography: lost realities and prospective opportunities (Sponsored by Recreation, Tourism, and Sport Specialty Group)***Room: Sandburg 7 (Panel Session)*

ORGANIZER(S): Dr. D'Arcy Dornan, Central Connecticut State U.

CHAIR(S): Dr. D'Arcy Dornan, Central Connecticut State U.

Panelists: David Truly, Central Connecticut State U.; Anne-Marie d'Hautesserre, U. of Waikato; Alison M. Gill, Simon Fraser; Barbara Bicking, ESRI; Geoffrey Wall, U. of Waterloo

**5462. Whither regional studies? (part 1)***Room: Sandburg 8 (Paper Session)*

ORGANIZER(S): Andy Pike, U. of Newcastlecurds

CHAIR(S): Prof. John Tomaney, U. of Newcastle Upon T

Introducer: Prof. John Tomaney

**2:05** Martin Jones\*, U. of Wales, Aberystwyth; Gordon MacLeod, U. of Durham, *In What Sense a Regional World? Institutional Legacies, Territorial Fixes, Network Topologies.***2:24** Leslie C Budd\*, Open U. Business School Open U. UK, *Between Informal Organisation and Space of Emotion?.***2:43** Arnoud Lagendijk, PhD\*, Nijmegen School of Management, The Netherlands, *The accident of the region. A strategic relational perspective on the construction of the region's significance.***3:02** Lawrence E. Wood\*, Ohio U., *Regional Development At What Scale?.***3:21** Andy Pike\*, CURDS, U. of Newcastle, UK; Andrés Rodríguez-Pose, Geography and Environment, LSE, UK; John Tomaney, CURDS, U. of Newcastle, UK, *Local and regional development for whom?.***5463. Taxis and Tourism in Latin America***Room: Montrose 1 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Michael Hawkins, Ball State

**2:00** Frank Ellis\*, Syracuse U., *Indigenous Organizations and Remittances: Community Taxis.***2:20** Angie Wood\*, Blinn College, *Capitalizing on Cuban Tourism through Spatial Clustering.***2:40** Susan Wolfenbarger\*, George Washington U., *Environmental Perception in the Galápagos Islands.***3:00** Keely B. Maxwell\*, Franklin & Marshall College, *The train to Machu Picchu: connecting or disconnecting time, identity, and space.***3:20** Michael Hawkins\*, Ball State, *Cultural Tourism in Bonaire.***5464. Sports Geography***Room: Montrose 2 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): H. Jason Combs, Arkansas State U.

**2:00** Scott A. Davis\*, Appalachian State U., *The Geographic Balance of Collegiate Athletics: Measuring the Distribution of NCAA Division I Athletic Conferences.***2:20** L. Scott Deaner\*, Kansas State U., *The "Mighty MOX" and the Geography of Cardinal Country.*

2:40 Theodore L. Goudge\*, Northwest Missouri State, *Giving it the Ole' College Try: A Geography of College Athletics.*

3:00 Andrew J. Baker\*, U. of Tennessee, *'Gentlemen, Start Your Banjo's': Transition from a NASCAR Town to The Home Place of Americana Music.*

3:20 H. Jason Combs\*, Arkansas State U., *Reel Racing . . . The United States Lawn Mower Racing Association.*

**5465. Empires and Settlement Strategies in the Middle and Far East**

Room: Montrose 3 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Clifton R Fox, Tomball College

2:00 Scott Branting\*, U. of Chicago, *Simulating Pedestrian Traffic Patterns using GIS-T: Archaeological and Modern Applications.*

2:20 Alpan Risvanoglu\*, U. of Oklahoma, *Resettling Anatolia: Efforts to Settle Nomadic Tribes during the Period of Ottoman Breakdown.*

2:40 Muharem Cerabregu\*, Univ of Prishtina, *Geographical Names of Indo-European and Turkic Areas, an Interpretation Based on Geographical Alphabet.*

3:00 Clifton R Fox\*, Tomball College, *Geographic Typology of Chinese Dynasties and Periods.*

**5469. Hazards and GIS**

Room: Montrose 7 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jeffrey M. Young, Leica Geosystems GIS & Mapping, LLC

2:00 Mitchel J Stimers\*, Kansas State U., *A Relative Severity Index for Tornado Events: An Index to Describe the Effects of a Tornado on Individual Communities.*

2:20 Erika N Trigoso Rubio, D.Phil. Student\*, The U. of Oxford, *A Critique of Vulnerability Mapping: Inhibitors and Facilitators in Vulnerability Representation.*

2:40 Byong-Woon Jun\*, Louisiana Tech U., *Exploratory Sensitivity Analysis of Environmental Equity on Spatial Measures.*

3:00 Sergei V. Andronikov\*, George Mason U., *GIS Analysis of "Critical" Geography.*

3:20 Jeffrey M. Young\*, SANZ Geospatial, *Rapid Response Mapping Technologies.*

**5470. Geography and Algorithms: Spatial Analysis**

Room: Burnham 1 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Shaowen Wang, U. of Iowa

2:00 Xiao Wang\*, U. of Illinois; Lan Mu, U. of Illinois, *Using genetic algorithms to optimize site selection for urban growth.*

2:20 Kara E. Scott, M.Sc. Student\*, Souther Illinois U.; Tonny J. Oyana, Ph.D., Southern Illinois U., *An improved algorithm for segregating large geospatial data.*

2:40 Alexander S Brown\*, Clark U.; Robert Gilmore Pontius, Jr, Clark U., *Comparison of maps of vector valued variables to identify components of information in scaling of spatial resolution and encoding precision.*

3:00 Tonny J. Oyana\*, Southern Illinois U., *High-Dimensional Visualization of Clinically-Acquired Geospatial Data using Self-Organizing Maps.*

3:20 Shaowen Wang\*, U. of Iowa; Ransom Briggs, The U. of Iowa; Marc P. Armstrong, The U. of Iowa; Jun Ni, The U. of Iowa, *A Fast Two-Dimensional Inverse Distance Weighted Interpolation Algorithm Based on a Dynamic Assessment of Nearest-Neighbor Information.*

**5473. Historic American Transport Corridors and Public Memory**

Room: Burnham 4 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): David Brockway, Department of Geography

2:00 William Matthew Hunter\*, Heberling Associates, Inc, *Place, Landscape and Environmental Decision-Making in Western Maryland: Contested Geographies of the National Road.*

2:20 Anne E. Mosher, Ph.D.\*, Syracuse U., *Low Bridge!/No Bridge!: Public Memory and Creative Destruction along the Erie Canal.*

2:40 Lawrence M. Ostresh\*, U. of Wyoming, *Tracking the Past: The Union Pacific Railroad across Wyoming, 1867 - 1868.*

3:00 Matthew D. Mason\*, Yale U. / U. of Memphis, *Worth Much More than a Thousand Words: Opportunities for Geographic Research in Library and Archival Photographic Collections at Yale University.*

3:20 David A. Brockway\*, Oklahoma State U.; Thomas A. Wikle, Oklahoma State U., *Lighted Airways, Airmail, and U.S. Civil Aviation, 1924-1933.*

**5474. Geographic approaches to understanding urbanising landscapes and urban ecosystems: Session I (Sponsored by Urban Geography Specialty Group, Biogeography Specialty Group, Human Dimensions of Global Change Specialty Group)**

Room: Burnham 5 (Paper Session)

ORGANIZER(S): R Matthew Beaty, CSIRO Sustainable Ecosystems; Robert J. Neff, UMBC (U. of Maryland, Baltimore County)

CHAIR(S): R Matthew Beaty, CSIRO Sustainable Ecosystems

2:00 Kelli L. Larson, Ph.D.\*, Arizona State U., *Social Science Research in Urban Ecology: Examples from the Central Arizona - Phoenix Long-term Ecological Research (CAP-LTER) Project.*

2:20 Maria E Ignatieva, Dr\*, Lincoln U., New Zealand, *Approaches in urban ecology research in Russia.*

2:40 Glenn H Stewart, Dr\*, Lincoln U.; Maria E Ignatieva, Dr, Lincoln U., New Zealand; Colin Meurk, Dr, Landcare Research, Canterbury, New Zealand, *Approaches and current trends in urban ecology research in New Zealand.*

3:00 Robert J. Neff, Ph.D.\*, UMBC (U. of Maryland, Baltimore County), *Transportation, Urban Development, and Greenhouse Gases: Patters of consumption and inequity in Philadelphia, PA.*

3:20 Charles Eason\*, Landcare Research; Jenny Dixon, U. of Auckland; Majorie van Roon, U. of Auckland; Bruce Burns, Landcare Research; Colin Meurk, Landcare Research; Bob Frame, Landcare Research; Daniel Rutledge, Landcare Research, *Facilitating nature's role in urban design: integrating sustainable building, ecosystem services, and urban biodiversity.*

**4:00 p.m. – 5:40 p.m.****5501. Critical Explorations of Militarism 4: Feminist Geopolitics & Everyday Life II (Sponsored by Geographic Perspectives on Women Specialty Group, Socialist and Critical Geography Specialty Group, Ethics, Justice, and Human Rights Specialty Group)***Room:* Salon 1 (Paper Session)

ORGANIZER(S): Jenna M. Loyd, UC Berkeley; Jennifer J. Casolo, U. of California at Berkeley

CHAIR(S): Jenna M. Loyd, UC Berkeley

**4:00** Jennifer J. Casolo\*, U. of California at Berkeley, *Untold Stories, Unseen Lives: Gender and Genocide.***4:20** Sara Hollingsworth Smith, M.A.\*, U. of Arizona, *The Domestication of Geopolitics: Buddhist-Muslim Conflict and the Policing of Marriage and the Body in Ladakh, India..***4:40** Rachel Pain\*, U. of Durham, *An emotional geopolitics of fear.*

Discussant(s): Joanne P. Sharp, U. of Glasgow

**5502. Urban Hunger and Its Alternatives (Sponsored by Socialist and Critical Geography Specialty Group, Urban Geography Specialty Group)***Room:* Salon 2 (Paper Session)

ORGANIZER(S): Nik Heynen, U. of Wisconsin at Milwaukee; Don Mitchell, Syracuse U.

CHAIR(S): Don Mitchell, Syracuse U.

Introducer: Don Mitchell

**4:02** Anne C. Bellows, Ph.D., M.U.P.\*, Rutgers U.; Lucas Marxen, Rutgers U.; Brian Schilling, Rutgers U., *Emergency Food Systems.***4:17** Gerda R. Wekerle\*, York U., *Food Production in the Neoliberalized Urban Region: (Re)Negotiating Land and Property in City and Countryside.***4:32** Jane M. Read, Associate Professor\*, Syracuse U.; Don Mitchell, Professor, Syracuse U.; Jonnell Allen, Community Geographer, Syracuse U., *The Changing Landscape of Hunger in Syracuse, NY: Intervening in a Permanent Crisis.***4:47** Nik Heynen\*, U. of Wisconsin at Milwaukee, *Spaces of Hunger, Ecologies of Hope: Revolutionary Grassroots Anti-Hunger Politics Versus Neoliberal Food Justice in Milwaukee.*

Discussant(s): Lakshman Yapa, Pennsylvania State

**5504. Soils & Geomorphology***Room:* Salon 4 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Dr. Jake E. Haugland, Adams State College

**4:00** Chris S. Renschler\*, SUNY - Buffalo; Martin Malinowski, SUNY - Buffalo; Jerry C. Ritchie, USDA-ARS Beltsville; Mary H Nichols, USDA-ARS Tucson, *Validation of Modeling Short- and Long-term Soil Redistribution Pattern in Landscapes.***4:20** Augustine Avwunudiogba\*, U. of Texas, *Soil Erodibility Dynamics along a Chronosequence of Traditional Slash-and-Burn (Milpa) Cultivation, Sierra Madre Oriental, eastern Mexico.*

**4:40** Jake E. Haugland, Ph.D.\*, Adams State College, *Soils as a geomorphic tool: from dating techniques in the Oregon Cascades to indicators of disturbance in the Jotunheimen of Norway.*

**5:00** Kathleen M. Baker\*, Western Michigan U.; Carol Bronick, Virginia State U., *Neighborhood analysis of elements associated with Phosphorus in scanning electron microscopy.*

**5505. Geographies of Citizenship and Movement 2**

*Room:* Salon 5 (Paper Session)

ORGANIZER(S): Elizabeth Mavroudi; Ms. Elaine Lynn-Ee Ho, U. College London

CHAIR(S): Ms. Elaine Lynn-Ee Ho, U. College London

**4:00** Monica W. Varsanyi\*, Centers for Comparative Immigration Studies and US-Mexican Studies, UCSD, *Undocumented immigration and growing tensions between local and national citizenship in the United States.*

**4:20** Eugenia Wang\*, U. of British Columbia, *'Anchor Babies' and 'Bargaining Chips': 'Illegal Migration' and the Predicament of Birthright Citizenship.*

**4:40** Sara L. Jackson\*, U. of British Columbia, *Canadian Survival as Jewish Survival?: The Canadian Jewish Congress and Multicultural Citizenship.*

**5:00** Caroline Nagel\*, Loughborough U.; Lynn A Staeheli, U. of Colorado, *Enacting 'belonging' in multicultural societies: Arab immigrants' 'personal philosophies' of citizenship.*

Discussant(s): Joe Painter, U. of Durham

**5506. The Politics of Locating Transportation Infrastructure**

*Room:* Salon 6 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jason Henderson, San Francisco State U.

**4:00** Zachary A Callen, Graduate Student\*, U. of Chicago, *Trains, Planes, and Automobiles: The Differential Impact of Infrastructure on Cities.*

**4:20** Timothy F. LeDoux\*, Wyle Laboratories; Yu (Helena) He, Wyle Laboratories; Eric Smith, Wyle Laboratories, *The Allure of the Aerotropolis: Why Airports are a Magnet for Residential Development.*

**4:40** Ho-Seop Cha\*, The Department of Geography, The Ohio State U., 1036 Derby Hall, 154 North Oval Mall, Columbus, OH 43210; Alan T. Murray, The Department of Geography, The Ohio State U., 1036 Derby Hall, 154 North Oval Mall, Columbus, OH 43210, *Enhancing Public Transit Service Equity in Columbus, Ohio..*

**5:00** Jason Henderson, Assistant Professor\*, San Francisco State U., *Freeway removal: The politics of mobility in San Francisco..*

**5508. Setting the Stage: Performance and Geography**

*Room:* Salon 8 (Paper Session)

ORGANIZER(S): Mr. Thomas Sullivan, Louisiana State U.; Ms. Bethany Rogers, Louisiana State U.

CHAIR(S): Mr. Thomas Sullivan, Louisiana State U.

**4:00** Elizabeth Healy Matassa\*, Louisiana State U., *A Beach where we never grow old: Exploring sensual pasts at Coney Island.*

**4:20** Thomas Sullivan\*, Louisiana State U., *Lucky to be Irish: Performing Identity through Language.*

4:40 Paul R Watts\*, Louisiana State U., *The asphalt stage: a peek at the spatial theatrics of public protest.*

5:00 Bethany Rogers\*, Louisiana State U., *The Maple Leaf Bar: An Embodied Vortex of Pressed Tin and New Orleans Funk.*

Discussant(s): Dr Catherine Nash, Queen Mary, U. of London

**5509. Urban Politics and Governance**

Room: Salon 9 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Douglas Young, York U.

4:00 Derek Eysenbach\*, U. of Arizona, *The Everyday States of Community Development.*

4:20 Hossler Peter\*, U. of Wisconsin-Milwaukee; Heynen Nik, University of Wisconsin-Milwaukee, *Revolutionary Neoliberalizations and the Illegitimate State: Milwaukee's Food System and the (Re)Production of Urban Hunger.*

4:40 Jesse S. Proudfoot, B.A.\*, Simon Fraser U., *At Street Level: Bureaucrats and Spaces of Regulation.*

5:00 Mark De Socio\*, Texas A&M U., *Business community structures and urban regimes: A comparative analysis.*

5:20 Douglas Young\*, York U., *Dreams and Demons: Governing the Legacies of Modernism in Jane-Finch, Toronto.*

**5513. The "Nature" of Local Knowledge**

Room: Cresthill Room 11 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Steven Rainey, McNeese State U.

4:00 Eunice Sahle\*, *Historical memory, culture, modernity and indigenous land struggles in Canada.*

4:20 Julie Velasquez Runk\*, *Cosmos and Conservation in Conflict: Wounaan Cosmology and Landscape in Eastern Panama's Environmental Conservation Activities.*

4:40 Erica Moret\*, Oxford University's School of Geography & the Environment, *Afro-Cuban religious ethnobotany under global political economic change.*

5:00 Steven J. Rainey, Ph.D.\*, McNeese State U., *Further explorations of ethnoecology and soil knowledge systems in Central America.*

5:20 Annette Watson\*, U. of Minnesota, *But the Moose "Give Themselves": Expertise and 'Natural' Resource Management.*

**5515. Remote Sensing Methods and Data**

Room: Private Dining Room 4 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Jeffrey J. Danielson, United States Geological Survey

4:00 Yasuyo Makido\*, Michigan State U.; Ashton Shortridge, Michigan State U.; Jiaguo Qi, Michigan State U., *Modeling multiple class land cover at sub-pixel scales.*

4:20 Amy Neuenschwander\*, U. of Texas at Austin; Roberto Gutierrez, U. of Texas at Austin; Tim Urban, U. of Texas at Austin; Bob Schutz, U. of Texas at Austin, *Towards the spatial upscaling of airborne topographic lidar waveform data to satellite waveform data over non-homogeneous land cover.*

- 4:40 Brian C Hadley\*, U. of South Carolina; John R. Jensen, Ph.D., U. of South Carolina; Maria J. Garcia-Quijano, U. of South Carolina, *Normalization of Spectrally Disparate Remotely Sensed Datasets for Change Detection Analyses.*
- 5:00 Jennifer A Willems\*, United States Geological Survey EROS; John Dwyer, SAIC, Contractor to USGS EROS, *Providing EOS Products to the Land Community.*
- 5:20 Jeffrey J. Danielson\*, SAIC, Under Contract to USGS EROS, *Ali Level 1Gst Systematic Terrain-Corrected Data Product Available From Earth Observing-1 (EO-1).*

**5516. Paradise Lost: The Geography of Health and Healing**

Room: Private Dining Room 5 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Sherry A. Meyer

- 4:00 Chetan Tiwari\*, U. of Iowa, *Developing Automated Techniques for Locating Rural Residential Locations: An Infrastructure for Estimating Environmental Exposures.*
- 4:20 Katy M Rich\*, U. of Oklahoma; Jennifer David Peck, Ph.D., U. of Oklahoma Health Sciences Center; Tarek Rashed, Ph.D., U. of Oklahoma, *A GIS-Based Model for Quantifying the Spatiotemporal Dimensions of Gestational Pesticide Exposure and Their Impacts on Genitourinary Birth Defects: A Case Study of Harris County, Texas.*
- 4:40 Beth A. Kirlin\*, U. of Washington, Department of Geography Graduate Program, *Advancing Therapeutic Landscapes into Evidenced-based Mainstream Health Care: A Case Study.*
- 5:00 Sherry A. Meyer\*, U. of Wisconsin-Milwaukee, *Multiple Chemical Sensitivity: Life gone askew and Space gone awry.*

**5517. Virtual Geographies and Utopian Spaces**

Room: Private Dining Room 6 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Bonnie Kaserman, U. of British Columbia

- 4:00 jamie zech\*, texas state university, *Representations of Nature in Popular Media.*
- 4:20 Megan Casey\*, U. of Minnesota - Minneapolis, *Neoimperial Primitives: Eco-Anarchistic Utopias between Cyberspace and Belize.*
- 4:40 Mathew J. Davis, MArch. MLA\*, Temple U. - Information Technology and Society Research Group, *Emergencies of New Media.*
- 5:00 Bonnie Louise Kaserman\*, U. of British Columbia, *"I have a dream": Al Gore's satellite and a geographical imaginary of rights.*

**5518. Remote Sensing and GIS for Coastal and Estuarine Ecosystem Analysis (Sponsored by Geographic Information Science and Systems Specialty Group, Coastal and Marine Specialty Group, Remote Sensing Specialty Group)**

Room: Private Dining Room 7 (Paper Session)

ORGANIZER(S): Xiaojun Yang, Florida State U.; Luoheng Han, Univ of Alabama

CHAIR(S): Xiaojun Yang, Florida State U.

Introducer: Xiaojun Yang

- 4:05 Hongxing Liu\*, Texas A&M U.; Douglas Sherman, Texas A&M U.; Songgang Gu, Texas A&M U., *Shoreline mapping and coastal change studies in the upper Texas Gulf coast using high-resolution remote sensing data.*

- 4:25 Thomas Allen\*, Old Dominion U.; Harri Tolvanen, U. of Turku; George Oertel, Old Dominion U., *Spatial Modeling of Tidal Flushing and Wave Openness in Coastal Lagoon Environments.*
- 4:45 Xiaojun Yang\*, Florida State U., *Modeling Land Use Pattern Impacts upon the Pollutant Inputs into an Estuary: A Preliminary Study.*
- 5:05 Luoheng Han\*, Univ of Alabama; John Glasier, Lake Watch of Lake Martin; William Deutsch, Auburn U.; David Bayne, Auburn U.; Eric Reutebuch, Auburn U.; Wendy Seesock, Auburn U., *Estimating water quality in a man-made lake in Alabama using multi-temporal spectral reflectance.*

**5519. Urban Spatial Modeling**

Room: *Private Dining Room 8* (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Michael Paluzzi, U. of Connecticut

- 4:00 Yingru Li\*, Department of Geography, U. of Cincinnati; Lin Liu, Department of Geography, U. of Cincinnati, *Agglomeration Effects on Retail Performance: A case study of Wal-Mart and Kmart in the Greater Cincinnati Area.*
- 4:20 Sandra C. Holland\*, U. of Arizona, *Hedonic Modeling of the Tucson Housing Market: The Importance of Schools and School Districts in Housing Prices.*
- 4:40 Rachel Weber\*, U. of Illinois At Chicago; daniel mcmillen, university of illinois at chicago, *Valuing Property in Thin Markets: The Case of Chicago.*
- 5:00 MyungJin Kim\*, The Ohio State University; Ningchuan Xiao, The Ohio State U., *An exact optimization approach to political redistricting problems.*
- 5:20 Michael Paluzzi, ABD\*, U. of Connecticut, *The Maximal Covering Problem in A GIS Framework.*

**5526. The Spaces and Articulations of Economic Practices 2 (Sponsored by Economic Geography Specialty Group)**

Room: *Monroe Ballroom* (Paper Session)

ORGANIZER(S): Adrian Smith, Queen Mary U. of London; Alison Stenning

CHAIR(S): Adrian Smith, Queen Mary U. of London

- 4:00 Nancy Ettlinger\*, Ohio State U., *Connections as Spaces of Articulation and Disarticulation in "Real" and Academic Contexts.*
- 4:20 Angus Cameron, Dr.\*, U. of Leicester, *Money, taxation and contemporary state spaces.*
- 4:40 Gerda Roelvink\*, Australian National U., *Performing the Market through Other Worlds.*
- 5:00 Andy Cumbers, U. of Glasgow; Gesa Helms\*, U. of Glasgow; Kate Swanson, U. of Glasgow, *The Politics of Local Labour Control in an Old Industrial City.*
- Discussant(s): Andrew Leyshon, U. of Nottingham

**5528. Humanities GIS**

Room: *Parlor A* (Paper Session)

ORGANIZER(S): Trevor M. Harris, West Virginia U.

CHAIR(S): Briane Turley

- 4:00 Trevor M. Harris\*, West Virginia U., *Humanities GIS: Progress and Prospects.*
- 4:20 Briane Turley\*, West Virginia U., *Mapping Terrorism in America: A Geography of Lynching, 1879-1960.*



**4:40** L Jesse Rouse\*, West Virginia U.; Trevor M Harris, West Virginia U., *The Role of Higuchi indexes in Landscape Archaeology: Linking experience and GIS for the humanities.*

**5:00** John Corrigan\*, Florida State U.; David Bodenhamer, POLIS Center, IUPUI, *The Spatial Turn and Academic Study of the Atlantic World.*

**5:20** Susan J. Bergeron\*, West Virginia U.; Trevor M Harris, West Virginia U.; Briane K Turley, West Virginia U., *Humanities GIS and a New Look at Transatlantic Migration.*

**5529. Mobility, Identity, and Everyday Life**

*Room:* Parlor B (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): HaeRan Shin

**4:00** Lynette Jacobson\*, U. of Iowa, *Regions of Childbirth and Puerperial Choice in Canada and the United States.*

**4:20** Annie Menzel\*, U. of Washington, *Reproducing inequality? Midwives and mothers in El Paso/Ciudad Juarez.*

**4:40** Claire Elaine Rasmussen\*, U. of Delaware, *Uncle Same Wants You to Tie the Knot: Marriage and the Remaking of the Private Sphere.*

**5:00** HaeRan Shin, Dr.\*, U. College London, *Gendered Mobility: Korean Immigrant Women's Constrained Mobility and Adaptive Preferences.*

**5531. Geographies of Urban Marginalization**

*Room:* Parlor D (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Rini Sumartojo, Simon Fraser U.

**4:00** Michal Lyons, PhD\*, London South Bank U., *Ties That Bind: Social Capital in Short-term Migration.*

**4:20** Sean Crotty\*, San Diego State U., *Entanglements of Desire: Local Power Geographies and Urban Day Labor in San Diego.*

**4:40** Jason Francis MacCannell, PhD\*, U. of California, *Mapping the homeless landscape.*

**5:00** Rini Sumartojo\*, Simon Fraser U., *Place Attachment, Youth Violence and Multiculturalism: Indo-Canadian Youth in Vancouver.*

**5533. Perspectives on Geographic Complexity 5: Panel on Complexity Based Research for Policy-Making: Opportunities and Challenges**

*Room:* Parlor F (Panel Session)

ORGANIZER(S): Peter J. Deadman, U. of Waterloo; Moira Zellner, U. of Michigan

CHAIR(S): Moira Zellner, U. of Michigan

Panelists: Thomas J. Baerwald, National Science Foundation; Helen Couclelis, U. of California; Susan Stewart; Prof. Thomas Theis, U. of Illinois; Martin Jaffe; Michael Batty, U. College

- 5534. Scaling up for context IV: understanding built and natural environments through a politics of scale (Sponsored by Socialist and Critical Geography Specialty Group, Political Geography Specialty Group, Cultural Geography Specialty Group)**  
**Room:** *Parlor G* (Paper Session)  
 ORGANIZER(S): Valorie Crooks; Dr. Jeff Masuda  
 CHAIR(S): Valorie Crooks  
**4:00** Elizabeth Halpenny\*, U. of Waterloo, *Examining the relationship between place attachment and pro-environmental behaviors: A survey of first time and returning visitors to Point Pelee National Park.*  
**4:20** Caroline Desbiens\*, Universite Laval, *Water everywhere, not a drop to drink: the scaling of water in James Bay / Eeyou Istchee.*  
**4:40** Yonn A. Dierwechter\*, U. of Washington - Tacoma, "Scaling the spatialities and subjectivities of planning".  
**5:00** Mike Bulthuis, Ph.D. Candidate\*, U. of Ottawa, *Defining Place: Centretown (Ottawa) Stories.*
- 5535. Transport Geography: Identifying Emerging Research Trends and New Directions in the Subdiscipline (Sponsored by Transportation Geography Specialty Group)**  
**Room:** *Parlor H* (Panel Session)  
 ORGANIZER(S): Irene Casas, SUNY at Buffalo; Mark W. Horner, Florida State U.  
 CHAIR(S): Irene Casas, SUNY at Buffalo  
 Introducer: Irene Casas  
 Panelists: Susan Hanson, Clark U.; Harvey J. Miller, U. of Utah; Andrew R. Goetz, U. of Denver; Michael Kuby, Arizona State U.; Darren M. Scott, McMaster U.; Prof. Joan Walker, Boston U.; Joe Weber, U. of Alabama
- 5537. Categories in Human Geography (Sponsored by Political Geography Specialty Group, Cultural Geography Specialty Group)**  
**Room:** *Dearborn 1* (Paper Session)  
 ORGANIZER(S): Reece Jones, U. of Wisconsin - Madison; Adam Moore  
 CHAIR(S): Reece Jones, U. of Wisconsin - Madison  
**4:00** Zane Austin Grant\*, U. of Arizona; Christopher Halvorsen\*, U. of Arizona, *Rethinking Civil Society: From the Political Economic Trinity to the Pantheon.*  
**4:20** Adam Moore\*, U. of Wisconsin, Madison, *Scale Categories: Critique and Reformulation.*  
**4:40** Carolyn Gallaher\*, American U., *Class—Alive, Well, and in Surprising Places.*  
**5:00** Reece Jones\*, U. of Wisconsin - Madison, *Concepts and Categories in Geographic Research.*  
 Discussant(s): Robert Kaiser
- 5538. Geographic Issues of Terrorism In The Post 9/11 World**  
**Room:** *Dearborn 2* (Paper Session)  
 ORGANIZER(S): Program Committee  
 CHAIR(S): Jason E. VanHorn, The Ohio State U.  
**4:00** Verdie A. Craig, PhD\*, Morehead State U., *Social Legitimation of State Violence in a post-9/11 World.*

- 4:20 Daniel B Reader\*, Western Kentucky U.; Cari Grace Bourette\*, Western Kentucky U., *Nationalism and Terrorism: A Recipe for Terror*.
- 4:40 Joshua Comaroff\*, U. of California, Los Angeles, *Terror and Territory: Guantanamo as a Space of Contradiction*.
- 5:00 Jason E. VanHorn\*, The Ohio State U., *Visualizing Aviation Terrorism: Contexts, Methods, and Considerations*.

**5539. Critical Perspectives on the American South II: Politics of Development and Urban Space (Sponsored by Southeastern Geographer)**

Room: Dearborn 3 (Paper Session)

ORGANIZER(S): Derek H. Alderman, East Carolina U.; W. Scott Whitlock, U. of Arizona

CHAIR(S): Joshua F. Inwood, The U. of Georgia

- 4:00 Bobby M. Wilson\*, U. of Alabama, *Structural Imperative Behind "Separate But Equal"*.
- 4:20 Ann M Oberhauser\*, West Virginia U.; Melissa Latimer, West Virginia U., *On the Margins: Gender and Development in Appalachia*.
- 4:40 Rebecca A. Sheehan\*, Louisiana State U., *The Making of Public Space through Microgeographies of the Everyday*.
- 5:00 Jennifer Speights-Binet\*, U. of Houston, Clear Lake, *My Favorite Demagogue: The Huey Long legacy, New Urbanism, and the Thrill of "Dreamin' Big"*.
- 5:20 Paul N. McDaniel\*, U. of Tennessee, *An International Corridor in the Making?: Immigrant-Owned Entrepreneurial Establishments in Birmingham, Alabama*.

**5541. Performing Hybridity: Encounters with the More-than-human**

Room: Clark 1 (Paper Session)

ORGANIZER(S): Traci Warkentin

CHAIR(S): Leesa Fawcett, Faculty of Environmental Studies, York U.

- 4:00 Firoza Elavia\*, York U., *Becomings Machinic: art in the age of computer microfractionalization*.
- 4:20 Gavan P L Watson\*, Faculty of Environmental Studies, York U., Toronto, Canada, *The hybrid techno-nature of birding*.
- 4:40 Traci Warkentin\*, York U., *of Walls and Whales: Spatial and Performative Affordances of Environmental Etiquette in Human-Whale Encounters*.
- 5:00 Leesa Fawcett\*, Faculty of Environmental Studies, York U., *Echoes and Ethical-Political Tracks: An Ecofeminist Tracing of Animal Cultures*.
- Discussant(s): Ms. Lauren Baker, York U.

**5543. Performing Alternative Economic Imaginaries: Governance, Ethics, and the Everyday Spaces of Responsibility IV (Sponsored by Economic Geography Specialty Group, Cultural and Political Ecology Specialty Group, Cultural Geography Specialty Group)**

Room: Clark 3 (Paper Session)

ORGANIZER(S): Trina Hamilton, Clark U.

CHAIR(S): Michael K Goodman, King's College London

- 4:00 Mona Atia\*, U. of Washington, *All That is Solid Melts Into Air? Moral Geographies of the Islamic Financial 'Alternative'*.
- 4:20 Sharon C Cobb\*, U. of North Florida; Darren Purcell, U. of Oklahoma, *New tensions in the financial services industry: Do credit unions really want to be banks?.*

4:40 David Hendrickson, M.A.\*, Simon Fraser U.; Chris Lindberg, Simon Fraser U., *Site Control for Industrial Development: Using Market Mechanisms for Sustainable Community Development in Urban Environments.*

**5545. Representing Heritage in the American South**

Room: Clark 5 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Sarah Moloney, Northeastern Illinois U.

4:00 Mary M. Graham\*, York College of Pennsylvania; Richard D. Stone, Department of Management and Marketing Shippensburg U., *Southern Historians and the Marketing of the 'Lost Cause'.*

4:20 Stephen Hanna\*, U. of Mary Washington, *The Inclusion of African-American Experiences in Fredericksburg's Heritage Tourism Landscape.*

4:40 Sunita George\*, Alabama State U.; Raymond Greene, Western Illinois U., *Spatial Stories of Cab Drivers in Montgomery, Alabama.*

5:00 Sarah H Moloney\*, Northeastern Illinois U., *Selling Appalachia: Tourism and the Marketing of an Appalachian Identity.*

**5546. Geographical Techniques: Temporal Dimension**

Room: Clark 7 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Ann E. Larimore, U. of Michigan

4:00 Markku J. Tykkylainen\*, U. of Joensuu, *Method for investigating modernization and global-local interaction in rural remote places.*

4:20 Jinmu Choi\*, Mississippi State U., *History Management of a Geographic Feature.*

4:40 Chris Badurek\*, Appalachian State U., *Visualization using Change Similarity Operators for GIS.*

5:00 Jianwei Dou\*, The Pennsylvania State U.; Donna Peuquet, The Pennsylvania State U., *Event representation in a multi-representation spatiotemporal framework.*

5:20 Ann E. Larimore\*, U. of Michigan; Robert J. Haug, U. of Michigan; Sandra L. Arlinghaus, U. of Michigan, *GEOMAT: A Method of Web Architecture to Articulate Events in Time and Space.*

**5548. Urban Ethnicity and Migration**

Room: Clark 9 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Prof. Joshua Comenetz, U. of Florida

4:00 Jose R. Diaz-Garayua\*, Kent State U., *Hispanics and Housing Value Change in the Cleveland Metropolitan Area.*

4:20 Kai Chi Leung\*, U. of Minnesota, Twin Cities; Jason Bryan Jindrich\*, U. of Minnesota, *Not Quite The Same Chinatown: A Multi-Scalar Approach.*

4:40 Joshua Comenetz, Dr. \*, U. of Florida, *Census-Based Estimation of the Hasidic Jewish Population.*

- 5549. Identities, Connections, and Networks in East Asia**  
*Room:* Clark 10 (Paper Session)  
ORGANIZER(S): Program Committee  
CHAIR(S): Mr. Tomoya Hanibuchi  
**4:00** Connie King Bruins, Ph.D.\*, Miami U.; Emily R. Bruins, Gordon College, *Embracing the relationship: Guanxi connections in Chinese field work.*  
**4:20** Peter Marolt\*, U. of Southern California, *Virtual Communities and Identity Formation in China.*  
**4:40** Hung Jen Tan\*, National Taiwan Normal U., *A tale of two teas: quality, network and local development.*  
**5:00** Tomoya Hanibuchi\*, JSPS Research Fellow, and Graduate Student, Department of Geography, Kyoto U., *The Geography of networks among NGOs in Japan.*
- 5550. Politics and practice in economic geography (Sponsored by Economic Geography Specialty Group, Political Geography Specialty Group)**  
*Room:* LaSalle 1 (Panel Session)  
ORGANIZER(S): Adam Tickell, U. of Bristol  
CHAIR(S): Adam Tickell, U. of Bristol  
Panelists: Dr. Linda McDowell, U. of Oxford; Amy Glasmeier, Pennsylvania State U.; Altha J. Cravey, U. of North Carolina; Geraldine J. Pratt, U. of British Columbia; John Pickles, U. of North Carolina; Gordon L. Clark, U. of Oxford; Jane Wills, Queen Mary, U. of London
- 5551. Monsters, Puzzles, Media, and Place**  
*Room:* LaSalle 2 (Paper Session)  
ORGANIZER(S): Program Committee  
CHAIR(S): Giorgio Hadi Curti, San Diego State U.  
**4:00** Josephine Rekers\*, U. of Toronto, *place of products: the geographies of sudoku and crossword puzzles.*  
**4:20** Matthew J Gerike\*, Kansas State U., *Spaces and Places of Geography in the New Yorker Magazine.*  
**4:40** Kimberly Black, Ph.D.\*, U. of Kentucky, *"Outside Over There": Sendak, Censorship and the Fear of Unknown Spaces.*  
**5:00** Giorgio Hadi Curti\*, San Diego State U., *Hollywood and the Popular Imagination.*
- 5552. The Tall Building Geographically Reconsidered II**  
*Room:* LaSalle 3 (Paper Session)  
ORGANIZER(S): Mr. Ignaz Strebel; Jane Jacobs  
CHAIR(S): Jane Jacobs  
**4:00** Maria Kaika\*, School of Geography, Oxford, *Reinventing the Iconic Building: the political economy of reimag(in)ing the City.*  
**4:20** Richard Baxter\*, Kings College London, *High-Rise Living in London: Towards an Urban Renaissance?.*  
**4:40** Donald McNeill\*, Department of Geography, King's College London, *Future Skies of London: New Landscapes of Power?.*  
**5:00** Ignaz Strebel\*, U. of Edinburgh, *The socio-technical dramatisation of a highrise: the making and unmaking of Red Road, Glasgow.*

5:20 Ruth Fincher\*, Univ of Melbourne, *Conventional expectations of an atypical housing form: developers' contradictory rationales for high-rise buildings in Melbourne.*

**5554. Walking - Health, Art, and Spatial Politics**

Room: LaSalle 5 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Ms. Hannah Macpherson

4:00 Xingyou Zhang\*, Georgia Southern U.; Ming Wen, U. of Utah; Katherine Kaufer Christoffel, Children's Memorial Hospital and Feinberg School of Medicine at Northwestern University, *Urban Built Environment, Health Status And Income All Affect Walking: A Case Study of Chicago Neighborhoods.*

4:20 Amber Pearson, MS\*, U. of Washington; Gina D. Schellenbaum, MPH, U. of Washington; Jonathan D. Mayer, PhD, U. of Washington; Bruce M. Psaty, MD, PhD, U. of Washington, *Walking for Physical Activity and Crime.*

4:40 Hannah Macpherson\*, U. of Newcastle upon tyne, *Research rhythms: walking-feeling-thinking.*

**5556. Environmental Restoration**

Room: Sandburg 2 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Taly Drezner, U. of Wisconsin

4:00 Taly D Drezner, Ph.D.\*, U. of Wisconsin - Milwaukee, *Life After the Dam: The Restoration of an Urban Riparian Zone.*

4:20 Jacqueline Gallagher, Ph.D.\*, Florida Atlantic U., *Monitoring the Kissimmee River Restoration: 5 years later.*

4:40 Christopher F. Meindl\*, U. of South Florida, St. Petersburg, *Floridians and Their Wetlands.*

5:00 Jeffrey A. Gritzner\*, The U. of Montana, *Large-Scale Environmental Rehabilitation: Strategies and Prospects.*

**5557. Coastal Morphology**

Room: Sandburg 3 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Wansang Ryu

4:00 Shuang-Ye Wu\*, U. of Dayton; Raymond Najjar, Pennsylvania State U.; John Siewert, Pennsylvania State U., *Impact of Sea-Level Rise on the Mid- and Upper-Atlantic Coast.*

4:20 Bailiang Li\*, Department of Geography, Texas A&M U., *Sediment Transport Driven by Windy Rain and Rainy Wind.*

4:40 Abbie H. J. K. Tingstad, M.Sc.\*, U. of California, Los Angeles, *Salt Exposed: An exploration of the role of salt in the breakdown of Carboniferous limestone cliffs in South Gower, Wales, U.K..*

5:00 Walter D Cox\*, Texas A&M U., *The Geography of Coastal Geomorphology: A Quarter Century in the Landscape.*

5:20 Wansang Ryu, Ph.D Student\*, Texas A&M U., *The Morphometry of Blowouts on the Texas Coast using Lidar.*

**5558. Fuzzy Mathematics and Geography (Sponsored by Spatial Analysis and Modeling Specialty Group, Geographic Information Science and Systems Specialty Group)**

*Room:* Sandburg 4 (Paper Session)

ORGANIZER(S): A-Xing Zhu, Univ of Wisconsin; Dr. James E. Burt, U. of Wisconsin - Madison

CHAIR(S): A-Xing Zhu, Univ of Wisconsin

**4:00** Ademar Schmitz, Universidade do Sul de Santa Catarina, Brazil; Ashley Morris\*, DePaul U.; Gregory Vert, U. of Nevada, Reno, *Strategies to Define the Topological Relation between Two Fuzzy Regions.*

**4:18** Xun Shi\*, Dartmouth College, *Aggregating operations in fuzzy soil mapping.*

**4:36** A-Xing Zhu\*, Univ of Wisconsin, *Mapping Landslide Susceptibility over the Three Gorges Area, China Using GIS, Expert Knowledge and Fuzzy Logic.*

**4:54** James E. Burt\*, U. of Wisconsin - Madison; A-Xing Zhu, U. of Wisconsin - Madison; Mark Harrower, U. of Wisconsin - Madison, *Visualizing Fuzzy Class Uncertainty Using Perception-based Color Models.*

**5:12** Peter F Fisher\*, City U., London, UK; Jo Wood, City U., London, UK; Tao Cheng, Hong Kong Polytechnic University, *Higher order vagueness of geographical objects: An exploration of Type n fuzzy sets.*

Discussant(s): Frank Witlox, Ghent U.

**5559. Chemistry & Energy in the Analysis of Climate**

*Room:* Sandburg 5 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Walter Martin, U. of North Carolina

**4:00** Amy E. Frappier\*, U. of New Hampshire, *A Speleothem Isotope Proxy for High-Resolution Paleotemperature: Exploring trace element responses to hurricane events.*

**4:20** Joshua D. Durkee\*, U. of Georgia Climatology Research Laboratory, *A Geographic and Atmospheric Analysis of Warm-Season Mesoscale Convective Complex Precipitation Efficiency in the United States.*

**4:40** Ryan Engstrom\*, George Washington U.; Allen Hope, San Diego State U., *Simulating Evaporation at Two sites in the Arctic Coastal Plain Using the Arctic BIOME BGC Model.*

**5:00** Stephen J. Stadler\*, Oklahoma State U.; Scott Greene, U. of Oklahoma; Kyla McNabb, U. of Oklahoma; David Williams, Oklahoma State U.; Jessica Li, Oklahoma State U., *Comparison of Tall Tower and 10 Meter Data for Wind Power.*

**5:20** Walter Martin\*, U. of North Carolina; Paul Smith, UNC Charlotte; Elie Saliba, UNC Charlotte, *Sensitivity of Ground-level Ozone to Changes in Mobile Emissions.*

**5560. Conflict in Africa**

*Room:* Sandburg 6 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Steve Butcher, Kent State U.

**4:00** J.H. Leaman\*, Villanova U., *Guns, Not Butter: Ethiopia and Eritrea Conflict.*

**4:20** Jeremiah Wagstaff, Graduate Student\*, Texas A&M U., *Ordinary Warscapes in Sierra Leone: The Relationship between the Sierra Leone Civil War and its Cultural Landscape.*

4:40 Steve R Butcher\*, Kent State U., *Political Economy of War: Cycle of Relief Dependency in Sudan as a Political and Military Strategy.*

5:00 Benson Funk Wilder\*, U. of Colorado at Boulder, *Making New Spaces: Chaos, Conservation and "Communities" in Zimbabwe's Southeastern Lowveld.*

**5561. Crimes In Place**

Room: Sandburg 7 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Caroline P. Davies, U. of Missouri-Kansas City

4:00 Alan G. Phipps\*, U. of Windsor, *Refinements of Activity Theory for Explaining Residents' Experiences with Crime and Disorder in Windsor, Ontario.*

4:20 Laurie Garo, UNC Charlotte; Thomas Ludden\*, UNC Charlotte, *Examining the Relationship between Juvenile Crime on the Attendance, Truancy, and Suspension of Public School Students in Charlotte, NC.*

4:40 George F. Rengert\*, Temple U., *Illegal Drug Sales Arrests in Wilmington, DE: a Zero Inflated Poisson Analysis of Spatial Units Created by a GIS.*

5:00 Nicole DeMotto\*, U. of Missouri-Kansas City; Caroline P. Davies, PhD, U. of Missouri- Kansas City, *A GIS Analysis of the Relationship between Criminal Offenses and Parks in Kansas City, Kansas.*

**5562. Whither regional studies? Part 2**

Room: Sandburg 8 (Panel Session)

ORGANIZER(S): Andy Pike, U. of Newcastlecurds

CHAIR(S): Andy Pike, U. of Newcastlecurds

Introducer: Andy Pike

Panelists: John R. Allen, Open U.; Susan M. Christopherson, Cornell Univ; Allan Cochrane, Open U.; Ray Hudson, Durham U.; Ann Markusen, U. of Minnesota; Prof. John Tomaney, U. of Newcastle Upon T; Pr Ron Martin, U. of Cambridge

**5563. Urban Environmental Hazards**

Room: Montrose 1 (Paper Session)

ORGANIZER(S): Program Committee

CHAIR(S): Dr. Debby Mir, Northeastern Illinois U.

4:00 Catherine Cunningham, BA\*, Texas State U., *The effectiveness of public participation: Public engagement in the re-permitting of a smelter in El Paso, Texas.*

4:20 Caroline Barakat Haddad\*, McMaster U.; Susan J Elliott, Assistant Professor, McMaster U.; John Eyles, Professor, McMaster U.; David Pengelly, Professor, McMaster U., *Cohort Reconstruction in the Context of a Longitudinal Study that Examines the Long-term Health Effects of Childhood Exposure to Air Pollution.*

4:40 Charles E. Button, Ph.D.\*, Central Connecticut State U., *Soil Lead Contamination and its Correlation with Building Age & Traffic Volumes at Child Day Care Centers.*

5:00 Risa Patarasuk\*, U. of Florida, *The Effects of Air Pollution On Traffic Policemen In Bangkok, Thailand*  
*the Effects of Air Pollution On Traffic Policemen In Bangkok, Thailand.*

5:20 Debby Mir\*, Northeastern Illinois U., *Environmental Behavior in Automotive Repair Micro-Enterprises (MEPs) in Chicago.*



**5564. State of The Climate***Room: Montrose 2 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): John E. Oliver, Indiana State Univ

**4:00** Mark D. Green, Ph.D.\*, Indiana State U., *Climate and Soil in an Archaeological Context: Mudaybi', West-Central Jordan.***4:20** Adam J. Terando\*, Pennsylvania State U., *The Impact of Reforestation on the Climate of the Southeast.***4:40** Jeffrey C. Rogers\*, Ohio State U., *A Long-Term Summer Surface Equivalent Temperature Time Series.***5:00** Karsten A. Shein\*, National Climatic Data Center, *Summary of the State of the 2005 Climate.***5:20** John E. Oliver, Ph.D\*, Indiana State Univ, *Twenty Years of Climatology: An Encyclopedist's View.***5565. Environment: Remote Sensing***Room: Montrose 3 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Eli Peneva

**4:00** Edward F. Collins\*, UCSB Geography, *Analysis of Sensitivity of SEBASS Thermal Infrared Imagery to Atmospheric Condition Estimates.***4:20** Jaehyung Yu\*, Texas A & M U.-Kingsville; Hongxing Liu, Texas A&M U.; Kenneth Jezek, The Ohio State U.; Roland C Warner, Antarctic CRC and Australian Antarctic Division, *A detailed investigation of mass balance of the Lambert-Amery Glacial System.***4:40** Anthony M Filippi, Ph.D.\*, Texas A&M U.; Toshiro Kubota, Ph.D., *Hyperacuity.com, High-dimensional marine remote-sensing inversion using spatial constraints.***5:00** Eli I Peneva\*, Geography Department, U. of South Carolina; Jerry Griffith, Department of Geography & Geology, U. of Southern Mississippi; Gregory Carter, GCGC, U. of Southern Mississippi, *Mapping Seagrass Distribution Off Horn Island, Mississippi Using Airborne Hyperspectral Imagery.***5569. Jobs, Commuting, Travel In The U.S. City***Room: Montrose 7 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Richard P. Greene, Northern Illinois U.

**4:00** Hwahwan Kim\*, U. of Georgia, *Modeling population densities of nighttime versus daytime Athens, GA.***4:20** Changjoo Kim\*, Minnesota State U., *Disaggregated Travel Forecasting.***4:40** Sunhee Sang\*, The Ohio State U., *Spatial and Temporal Exploration on Job Accessibility Gaps.***5:00** Joost G Berman\*, U. of Illinois at Chicago; Siim Sööt, U. of Illinois at Chicago, *Short-Term Trends in Commuting Behavior: Putting the American Community Survey to Work.***5:20** Richard P. Greene\*, Northern Illinois U.; James B Pick, U. of Redlands; Richard L Forstall, Independent Scholar, *Downtown versus Edge Job Trends for Chicago and Los Angeles.*

**5570. GIS, Spatial Analysis and Policy In An Urban Setting***Room: Burnham 1 (Paper Session)*

ORGANIZER(S): Program Committee

CHAIR(S): Meghan Woods

**4:00** Zhanli Sun\*, U. of Illinois at Urbana and Champaign, *Fully Integrating an Extended Cellular Automata Model with GIS: Visioning Future Urban Landscapes Using LEAM.*

**4:20** Soheil Boroushaki\*, Department of Geography, U. of Western Ontario, London, Ontario, Canada; Jacek Malczewski, Department of Geography, U. of Western Ontario, London, Ontario, Canada, *Classifying Urban Settlements with GIS and Multi-Criteria Evaluation Techniques: A case study in Semnan Province, Iran.*

**4:40** Zeynep Asligul Gocmen\*, U. of Michigan, U. of Wisconsin, *Neighborhood Typologies: Exploring Methodological Issues.*

**5:00** Gregory F. Guckes\*, George Washington U., *Using GIS to Assess the Growth of Sprawl and its Impacts on American City Morphology from 1990- 2000.*

**5:20** Meghan Woods\*, U. of South Carolina, *A Spatial Decision Support System for Real Estate Development: Columbia, SC.*

**5573. Historic Urban Planning: Townsites and Townscapes***Room: Burnham 4 (Paper Session)*

ORGANIZER(S): Tom L. Schmiedeler, Washburn U.

CHAIR(S): Tom L. Schmiedeler, Washburn U.

**4:00** Leslie Kirchler\*, *The Presentation of Silent History-The Montpelier Estate.*

**4:20** Phil Birge-Liberman\*, Syracuse U., *Reclaiming Olmsted: Historic Landscape Preservation in Boston's Emerald Necklace.*

**4:40** Samuel A. Smith\*, U. of Chicago, *The Nauvoo Plan's Contribution to Mormon Town Building in the West.*

**5:00** Karen Schmelzkopf, Ph.D.\*, Monmouth U., *A History of Failed Urban Planning in Asbury Park, NJ.*

**5:20** Tom L. Schmiedeler\*, Washburn U., *The Town Site Preemption Act: Planning, Power and Politics on the Central Plains.*

**5574. Geographic approaches to understanding urbanising landscapes and urban ecosystems: Session II (Sponsored by Urban Geography Specialty Group, Biogeography Specialty Group, Human Dimensions of Global Change Specialty Group)**

*Room:* Burnham 5 (Paper Session)

ORGANIZER(S): R Matthew Beaty, CSIRO Sustainable Ecosystems; Robert J. Neff, UMBC (U. of Maryland, Baltimore County)

CHAIR(S): Robert J. Neff, UMBC (U. of Maryland, Baltimore County)

**4:00** Youngsinn Sohn\*, UMBC (U. of Maryland Baltimore County), *Thermal Landscape and Green Infrastructure: Baltimore, Maryland.*

**4:20** Jennifer R Cox\*, Regional Plan Association / CUNY Graduate Center, *Environmental Policy, Land Use, and Urban Heat Islands.*

**4:40** Tenley M Conway\*, U. of Toronto, *The relationship between urban form and NDVI in the Toronto Metropolitan Area.*

**5:00** Amy L. Griffin\*, U. of New South Wales-ADFA; R. Matthew Beaty, CSIRO-Sustainable Ecosystems, *Social-Ecological Classification for Stratifying Cities for Health-Environment Research.*

**5:20** R Matthew Beaty, PhD\*, CSIRO Sustainable Ecosystems; Guy Barnett, CSIRO Sustainable Ecosystems; Amy Griffin, PhD, U. of New South Wales, *Urbanisation patterns and pathways in Sydney, Australia 1975 - 2001.*



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2149,2160,2169,2261,2269,2407,2420,2456,2469,2556,2560,2561,2569,2715,3114,3143,3162,3214,3243,3262,3265,3443,3459,3460,3512,3543,3556,3557,3626,3643,3656,3657,3671,4120,4137,4159,4160,4218,4220,4237,4260,4314,4337,4349,4360,4418,4426,4437,4449,4535,4537,4560,4569,5149,5150,5174,5249,5257,5274,5449,5474,5502,5574

**Water Resources Specialty Group**

2203,2816,3158,3223,3457,3658,4162,4223,4343,5450

**Wine Specialty Group**

2204,3104,3204,3410,4723

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2117,2139,2146,2151,2164,2173,2174,2207,2217,2223,2227,2233,2246,2253,2410,2411,2416,2417,2427,2443,2449,2454,2470,2503,2507,2529,2530,2571,3108,3243,3416,3417,3423,3437,3438,3513,3551,3561,3565,3574,3627,3638,3650,3662,4111,4137,4143,4173,4201,4206,4211,4227,4241,4250,4260,4315,4316,4350,4360,4363,4408,4439,4443,4449,4450,4460,4557,5160,5216,5223,5252,5259,5560

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2105,2120,2127,2153,2174,2203,2204,2205,2207,2217,2227,2229,2237,2248,2253,2265,2405,2415,2427,2507,2517,2529,2560,3103,3104,3117,3159,3219,3230,3232,3404,3410,3427,3461,3473,3516,3548,3549,3609,3613,3627,4130,4138,4173,4205,4234,4238,4263,4270,4305,4308,4316,4327,4330,4346,4352,4429,4430,4439,4461,4508,4530,4573,5109,5130,5138,5143,5151,5160,5215,5217,5243,5252,5256,5273,5408,5416,5441,5502,5504,5564

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2106,2127,2130,2134,2156,2203,2219,2228,2234,2245,2248,2263,2427,2430,2441,2448,2449,2462,2474,2503,2507,2527,2552,3103,3117,3150,3161,3207,3217,3220,3227,3251,3269,3403,3406,3420,3431,3457,3464,3503,3505,3507,3514,3523,3527,3528,3564,3570,3573,3613,3617,3648,3663,4113,4119,4148,4158,4162,4164,4202,4205,4230,4232,4252,4312,4317,4327,4332,4339,4350,4356,4363,4364,4406,4409,4454,4456,4504,4552,4564,5117,5123,5154,5163,5215,5231,5233,5254,5265,5404,5469,5473,5504,5561,5563

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2120,2127,2162,2206,2213,2223,2227,2233,2246,2262,2265,2269,2270,2404,2409,2428,2446,2462,2463,2507,2513,2518,2527,2529,2531,2564,3116,3119,3132,3139,3143,3159,3160,3164,3201,3216,3219,3227,3234,3259,3260,3262,3408,3427,3430,3438,3441,3461,3501,3502,3507,3509,3515,3528,3529,3627,3638,3650,3674,4138,4141,4152,4157,4159,4202,4209,4215,4241,4257,4262,4313,4328,4350,4356,4357,4360,4374,4428,4430,4434,4450,4453,4457,4474,4531,4534,4541,4548,4550,4562,4573,4574,5105,5106,5118,5130,5139,5141,5162,5201,5217,5230,5234,5241,5258,5262,5335,5404,5426,5441,5450,5452,5465,5501,5549,5563

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2152,2252,2271,2452,2565,3103,3117,3234,3427,3438,3463,3507,3527,3534,3545,3562,3649,4202,4219,4258,4274,4339,4341,4412,4438,4454,4509,4512,4531,4538,4541,5128,5148,5233,5248,5259,5441,5474,5516,5534,5538,5561

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2103,2127,2128,2139,2162,2206,2218,2228,2229,2239,2243,2250,2253,2438,2439,2446,2527,2538,2539,2560,3107,3111,3145,3149,3203,3211,3403,3411,3413,3416,3454,3503,3505,3511,3523,3565,3611,3627,3660,4106,4111,4150,4163,4169,4170,4202,4206,4211,4227,4228,4232,4234,4252,4269,4270,4273,4306,4311,4316,4350,4358,4369,4402,4408,4409,4427,4432,4473,4502,4508,4530,4532,5113,5117,5132,5145,5161,5163,5164,5169,5215,5245,5413,5415,5419,5438,5445,5474,5556,5574

## **Business Geography**

2108,2118,2120,2135,2159,2162,2208,2227,2274,2409,2410,2427,2428,2461,2507,2508,2564,3171,3173,3259,3273,3464,3473,3514,3573,4105,4119,4145,4148,4205,4245,4257,4259,4357,4429,4504,4557,4564,4574,5159,5220,5270,5426,5431,5448,5451,5543

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2106,2113,2116,2127,2139,2143,2206,2207,2216,2218,2239,2243,2403,2417,2439,2517,2527,2539,2543,2548,2559,2570,3104,3109,3111,3150,3160,3201,3203,3209,3211,3227,3230,3401,3406,3409,3413,3416,3427,3438,3454,3507,3509,3523,3538,3609,3611,3627,3665,4102,4111,4117,4202,4211,4219,4227,4232,4234,4252,4303,4311,4312,4328,4337,4343,4401,4402,4409,4502,4516,4552,5113,5116,5138,5139,5145,5169,5245,5261,5415,5445,5457,5557,5559,5564,5565,5574

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2103,2107,2127,2218,2259,2446,2552,2570,2621,3107,3115,3117,3131,3227,3231,3263,3409,3413,3415,3515,3535,3627,4102,4117,4163,4202,4204,4206,4217,4227,4234,4252,4303,4311,4317,4343,4350,4402,4417,4446,4450,4473,4502,5139,5215,5217,5404,5518,5557,5565

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2154,2159,2227,2254,2429,2449,3139,3173,3207,3217,3406,3407,3445,3451,3513,3514,3538,3546,3551,3574,3651,4131,4161,4231,4245,4248,4249,4263,4331,4370,4461,4560,5449,5517,5541,5551

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2103,2116,2143,2218,2239,2243,2250,2403,2527,2543,3109,3111,3149,3150,3209,3409,3431,3509,3665,4227,4234,4552,5116,5130,5559,5565

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2103,2105,2106,2137,2138,2146,2153,2154,2170,2205,2211,2227,2229,2237,2253,2265,2271,2405,2434,2443,2446,2503,2507,2515,2527,2529,2531,2534,2553,2563,3116,3117,3129,3163,3217,3232,3263,3408,3427,3437,3452,3473,3527,3530,3545,3552,3554,3557,3565,3570,3618,3637,3650,3657,3662,3670,3674,4130,4134,4138,4150,4161,4212,4226,4241,4263,4310,4346,4350,4352,4361,4408,4419,4427,4446,4450,4462,4513,4543,4546,4573,5108,5109,5113,5143,5152,5160,5201,5206,5208,5217,5228,5237,5243,5273,5408,5441,5445,5460,5474,5502,5513,5517,5541,5556

## **Cultural Geography**

2105,2109,2110,2115,2118,2127,2129,2131,2133,2138,2145,2146,2151,2153,2154,2163,2170,2204,2205,2217,2227,2230,2231,2233,2235,2246,2251,2254,2257,2261,2269,2270,2401,2402,2404,2405,2407,2429,2437,2441,2445,2449,2450,2461,2462,2470,2503,2504,2515,2529,2531,2534,2545,2550,2554,2556,2563,3111,3115,3116,3117,3119,3120,3129,3132,3134,3137,3139,3143,3151,3156,3157,3163,3171,3216,3217,3219,3226,3234,3239,3251,3252,3260,3263,3265,3403,3404,3407,3408,3410,3415,3423,3429,3430,3431,3434,3441,3445,3451,3452,3460,3463,3464,3471,3506,3527,3529,3538,3541,3543,3546,3551,3552,3554,3557,3558,3561,3571,3574,3606,3607,3612,3641,3651,3652,3654,3657,3659,3663,4112,4113,4131,4134,4141,4146,4149,4151,4152,4159,4161,4170,4173,4174,4215,4231,4249,4250,4251,4254,4257,4259,4262,4263,4270,4274,4305,4310,4320,4328,4331,4332,4341,4346,4348,4349,4351,4353,4360,4370,4373,4404,4406,4410,4413,4415,4419,4427,4428,4429,4434,4439,4441,4446,4448,4449,4452,4453,4460,4461,4463,4465,4501,4516,4519,4530,4537,4560,4565,4570,4573,4574,5105,5106,5108,5110,5119,5131,5134,5135,5141,5143,5149,5156,5157,5158,5159,5162,5173,5174,5201,5206,5208,5212,5216,5217,5219,5220,5223,5228,5234,5235,5239,5243,5248,5249,5252,5253,5257,

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5258,5259,5262,5263,5264,5269,5273,5274,5401,5405,5412,5418,5426,5428,5430,5432,5434,5439,5441,5443,5449,5450,5452,5453,5464,5465,5473,5505,5508,5513,5517,5526,5528,5531,5534,5537,5539,5541,5545,5549,5551,5552,5554,5560,5573

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2223,2241,2427,2463,2473,2520,3171,3271,3437,3571,3609,3618,3627,3671,4108,4145,4271,4274,4353,4354,4448,4506,4571,5108,5141,5156,5430

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2108,2111,2115,2118,2120,2127,2130,2134,2135,2138,2153,2162,2169,2174,2204,2208,2209,2211,2223,2227,2230,2231,2235,2241,2262,2265,2269,2270,2274,2408,2409,2410,2413,2416,2427,2443,2456,2461,2469,2503,2507,2508,2510,2512,2513,2518,2520,2530,2531,2534,2552,2556,2564,2569,3115,3130,3132,3137,3138,3146,3159,3162,3163,3164,3165,3173,3201,3213,3232,3237,3239,3243,3259,3260,3262,3273,3404,3406,3415,3427,3437,3441,3449,3461,3471,3473,3512,3514,3527,3537,3543,3549,3554,3556,3557,3559,3561,3573,3627,3630,3637,3649,3651,3652,3654,3656,3659,3669,3671,3673,4105,4108,4113,4131,4137,4138,4139,4143,4145,4146,4148,4154,4159,4171,4205,4213,4215,4245,4254,4257,4259,4261,4305,4313,4315,4327,4357,4370,4374,4406,4413,4427,4428,4443,4448,4453,4457,4460,4461,4469,4474,4504,4506,4511,4516,4531,4534,4546,4550,4557,4560,4562,4563,4564,4565,4571,4573,4574,5102,5108,5115,5118,5131,5133,5134,5141,5143,5152,5159,5160,5173,5174,5217,5220,5230,5243,5248,5252,5254,5257,5259,5262,5270,5274,5401,5405,5408,5413,5418,5426,5429,5431,5441,5443,5448,5449,5451,5459,5460,5462,5502,5509,5519,5526,5537,5539,5543,5546,5551,5552,5563

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2113,2223,2427,3118,3119,3427,3471,3650,3674,4271,4452,4513,4516,4563,4570,5123,5131,5230,5270,5474,5534,5559

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2103,2105,2107,2111,2118,2127,2132,2137,2139,2146,2150,2154,2163,2203,2205,2206,2207,2209,2211,2218,2223,2227,2228,2229,2233,2234,2235,2239,2243,2246,2248,2250,2253,2254,2257,2265,2405,2417,2419,2427,2428,2438,2439,2446,2448,2453,2454,2459,2503,2504,2507,2517,2527,2529,2538,2548,2552,2554,2560,2621,3103,3104,3107,3111,3116,3117,3118,3119,3120,3138,3145,3161,3201,3203,3209,3211,3213,3217,3219,3230,3234,3251,3263,3273,3403,3408,3409,3411,3415,3416,3423,3427,3437,3438,3448,3449,3454,3457,3458,3461,3464,3503,3507,3513,3515,3516,3538,3546,3549,3557,3558,3562,3563,3565,3570,3609,3611,3613,3616,3617,3627,3628,3630,3638,3641,3649,3650,3657,3660,3670,3674,4112,4116,4132,4134,4146,4150,4157,4161,4162,4163,4164,4170,4212,4219,4223,4226,4227,4228,4230,4232,4238,4241,4250,4252,4260,4261,4263,4264,4269,4270,4271,4273,4274,4305,4306,4308,4310,4311,4316,4323,4327,4330,4343,4346,4350,4352,4369,4370,4401,4408,4409,4410,4417,4419,4427,4432,4439,4443,4445,4446,4450,4462,4470,4502,4508,4513,4516,4517,4532,4537,4541,4546,4548,4550,4562,4563,4564,4570,5101,5104,5108,5109,5112,5113,5116,5123,5128,5129,5132,5139,5141,5143,5151,5152,5160,5161,5163,5164,5169,5201,5204,5206,5208,5212,5215,5216,5217,5219,5230,5237,5241,5243,5245,5252,5256,5257,5269,5408,5415,5416,5431,5438,5443,5445,5448,5454,5456,5460,5469,5473,5474,5517,5534,5541,5543,5556,5559,5560,5563,5564,5565,5574

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2101,2108,2152,2153,2154,2160,2170,2173,2227,2229,2231,2241,2248,2270,2274,2428,2449,2456,2470,2504,2507,2508,2510,2520,2556,3113,3117,3130,3146,3171,3201,3208,3213,3237,3246,3258,3410,3427,3452,3459,3501,3516,3607,3624,3657,3670,3671,4108,4154,4213,4228,4230,4254,4259,4270,4302,4317,4353,4354,4358,4373,4374,4406,4441,4448,4457,4463,4506,4548,4560,4565,5156,5223,5235,5238,5239,5401,5426,5430,5446,5458,5474,5526,5552

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2106,2109,2111,2115,2129,2137,2160,2161,2174,2227,2234,2235,2237,2245,2249,2265,2402,2407,2443,2504,2531,2550,3129,3134,3139,3157,3213,3417,3423,3437,3445,3461,3506,3517,3529,3537,3545,3551,3552,3619,3637,3650,3673,4108,4115,4139,4141,4152,4171,4173,4174,4249,4262,4310,4349,4353,4413,4506,4509,4511,4537,5105,5110,5119,5134,5135,5157,5159,5162,5174,5201,5219,5246,5249,5259,5262,5269,5401,5429,5439,5449,5459,5501,5505,5529,5539

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2103,2107,2139,2150,2239,2243,2249,2250,2259,2403,2419,2441,2503,2519,2552,2570,2621,3131,3145,3149,3227,3231,3407,3416,3420,3427,3448,3505,3507,3516,3520,3562,3616,3617,3627,3658,4117,4162,4163,4164,4169,4217,4227,4234,4317,4364,4417,4432,4452,4508,4517,5104,5113,5129,5130,5132,5138,5151,5204,5404,5504,5556,5557,5558



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2103,2113,2116,2117,2127,2132,2139,2143,2154,2158,2162,2171,2207,2213,2216,2227,2239,2246,2403,2407,2417,2434,2438,2439,2450,2511,2517,2518,2527,2539,2543,2548,2569,3107,3109,3111,3113,3118,3119,3150,3203,3209,3227,3246,3259,3406,3413,3427,3437,3438,3454,3462,3502,3507,3509,3513,3538,3563,3609,3616,3617,3627,3657,3661,3665,4102,4111,4132,4139,4150,4170,4202,4227,4230,4231,4232,4234,4252,4257,4269,4271,4308,4311,4323,4343,4352,4369,4402,4432,4457,4463,4532,4557,5123,5130,5139,5145,5146,5157,5161,5164,5169,5256,5263,5274,5335,5415,5431,5433,5438,5446,5451,5460,5513,5515,5526,5549,5559,5564

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2101,2105,2109,2111,2117,2118,2132,2133,2135,2145,2156,2160,2161,2169,2170,2209,2211,2217,2227,2229,2231,2233,2235,2241,2246,2249,2253,2261,2269,2270,2402,2404,2407,2409,2416,2427,2454,2456,2463,2469,2470,2473,2504,2507,2530,2563,2564,2569,3116,3119,3120,3130,3132,3134,3137,3138,3146,3151,3154,3157,3160,3171,3201,3208,3216,3219,3226,3228,3229,3243,3246,3259,3260,3262,3263,3271,3429,3434,3449,3457,3471,3502,3513,3516,3527,3534,3537,3546,3556,3564,3573,3607,3624,3643,3646,3651,3652,3656,3657,3671,3674,4101,4113,4130,4131,4139,4145,4152,4154,4161,4170,4171,4215,4231,4238,4245,4248,4249,4254,4260,4262,4264,4313,4315,4323,4331,4332,4341,4346,4348,4350,4353,4370,4373,4374,4406,4410,4411,4415,4428,4430,4443,4446,4448,4452,4453,4457,4461,4465,4474,4504,4513,4546,4548,4574,5101,5108,5119,5131,5134,5135,5146,5152,5156,5158,5159,5160,5162,5173,5174,5201,5208,5216,5217,5223,5230,5234,5235,5237,5239,5243,5252,5258,5264,5269,5270,5274,5335,5401,5405,5411,5418,5430,5431,5434,5439,5443,5446,5448,5450,5451,5454,5456,5459,5462,5465,5501,5505,5509,5513,5517,5526,5529,5537,5538,5546,5548,5552,5560,5563

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2108,2117,2135,2173,2204,2207,2208,2215,2216,2227,2230,2234,2262,2264,2270,2409,2411,2430,2441,2456,2461,2507,2508,2513,2520,2527,2530,2545,2550,2554,3130,3165,3251,3259,3427,3451,3473,3501,3529,3570,3571,3573,3607,3641,3673,4105,4108,4130,4149,4159,4169,4205,4232,4238,4245,4251,4262,4313,4327,4349,4406,4427,4462,4473,4504,4506,4548,5117,5118,5154,5245,5258,5264,5273,5412,5431,5439,5462,5464,5465,5538,5545,5570

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2138,2163,2164,2205,2227,2241,2413,2427,2434,2449,2450,2470,2503,2507,2520,2564,2571,3115,3131,3143,3215,3415,3458,3538,3541,3554,3558,3571,3607,3638,4112,4130,4138,4141,4149,4163,4223,4241,4320,4351,4413,4441,4443,4445,4452,4462,4519,4531,4560,4570,4573,5141,5156,5220,5230,5231,5239,5241,5259,5430,5463,5464,5473,5508,5517,5529,5539,5545

## **Transportation Geography**

2113,2118,2152,2159,2209,2227,2252,2260,2413,2427,2428,2452,2503,2512,2527,2537,2559,3150,3162,3235,3262,3469,3473,3527,3569,3669,4105,4119,4213,4256,4303,4327,4349,4356,4449,4456,4459,4469,4473,4509,4528,4531,4562,5106,5109,5123,5128,5173,5237,5248,5419,5430,5452,5458,5459,5465,5473,5474,5506,5529,5554,5559,5569

## **Urban Geography**

2101,2108,2109,2113,2115,2117,2118,2128,2129,2130,2133,2134,2135,2137,2151,2152,2160,2161,2162,2169,2170,2173,2174,2205,2209,2212,2213,2215,2219,2227,2230,2241,2245,2251,2252,2253,2260,2261,2262,2263,2264,2269,2274,2402,2405,2407,2409,2411,2413,2427,2445,2448,2452,2453,2456,2459,2464,2469,2503,2507,2508,2509,2510,2512,2513,2518,2520,2531,2537,2545,2548,2550,2553,2554,2556,2561,2564,2569,2571,3103,3108,3113,3115,3116,3129,3130,3134,3135,3137,3138,3139,3143,3146,3151,3160,3162,3163,3164,3165,3201,3213,3216,3226,3228,3232,3237,3239,3245,3246,3252,3259,3265,3271,3403,3407,3408,3423,3427,3430,3443,3449,3451,3452,3459,3460,3463,3469,3502,3512,3514,3527,3529,3530,3534,3543,3545,3546,3551,3552,3556,3557,3563,3570,3571,3573,3574,3607,3612,3627,3643,3646,3649,3652,3656,3657,3661,3663,3669,3671,3673,4101,4112,4113,4115,4119,4120,4131,4137,4143,4145,4146,4148,4152,4154,4157,4159,4160,4162,4170,4201,4205,4212,4213,4215,4223,4231,4237,4238,4249,4256,4260,4264,4273,4301,4302,4304,4310,4313,4327,4332,4337,4341,4348,4349,4356,4357,4360,4363,4370,4373,4410,4419,4427,4428,4430,4434,4437,4441,4446,4449,4457,4461,4465,4474,4501,4504,4509,4512,4528,4533,4534,4537,4546,4560,4563,4564,4565,4570,4574,5102,5105,5106,5109,5110,5112,5119,5123,5128,5133,5135,5143,5146,5148,5149,5156,5157,5158,5159,5170,5171,5173,5174,5208,5212,5228,5235,5237,5238,5239,5248,5249,5254,5257,5258,5265,5269,5274,5335,5409,5411,5412,5418,5419,5426,5429,5430,5433,5434,5439,5448,5449,5451,5452,5454,5456,5459,5460,5465,5474,5502,5506,5508,5509,5517,5519,5526,5531,5534,5539,5543,5545,5548,5549,5552,5554,5561,5563,5569,5570,5573,5574

## **Water Resources**

2103,2107,2146,2150,2154,2203,2205,2206,2211,2216,2218,2237,2243,2419,2430,2474,2517,2519,2527,2531,2543,2552,2560,3145,3158,3163,3203,3207,3211,3245,3413,3416,3420,3427,3457,3503,3505,3507,3511,3513,3613,3627,3650,3658,3659,4116,4130,4162,4164,4212,4227,4232,4264,4269,4271,4273,4323,4327,4343,4364,4446,4513,4517,4552,5101,5104,5108,5113,5116,5129,5132,5133,5138,5139,5151,5152,5163,5204,5208,5215,5230,5404,5408,5450,5454,5457,5474,5518

## **Wine**

2204,2570,3104,3410,4117,4238

## **Women**

2129,2152,2159,2227,2237,2261,2407,2443,2462,2515,3445,3461,3506,3551,3574,3607,4174,4249,4413,4511,5105,5134,5143,5157,5173,5246,5262,5269,5434,5449,5529

## NOTES

**INSIDE BACK COVER -  
JOHN WILEY & SONS AD**

**BACK COVER -  
INSERT PEARSON ED/PRENTICE  
HALL AD**