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Summer Workshop for Graduate Students & Early Career Faculty

June 12-18, 2011, University of Colorado at Boulder

Registration has begun for the 2011 Geography Faculty Development Alliance (GFDA) workshop for graduate students and faculty who are beginning their careers in higher education – instructors, lecturers, assistant professors, and other untenured faculty. The workshop is open to faculty from all types of teaching and research institutions inside and outside the U.S. The workshop, sponsored by the Association of American Geographers, will touch on a wide range of issues involving teaching and learning, particularly those revolving around designing effective courses, issues of diversity and inclusion, and active pedagogy. The goal will be to help participants learn to balance the many responsibilities of academic life and to understand how their teaching, research, service, outreach, and personal lives intersect and interconnect. Most participants in past workshops have built lasting networks among themselves and with workshop leaders.

Graduate students and faculty from all institutions and departments are invited to attend. Some

teaching experience is useful. Readings and exercises will include selections from Michael Solem, Ken Foote & Janice Monk (eds.), *Aspiring Academics: A Resource Book for Graduate Students and Early Career Faculty* (Prentice-Hall, 2009) and Robert Boice, *Advice for New Faculty Members* (Allyn and Bacon, 2000).

Discussion Themes

Emphasis will be placed on those topics frequently mentioned as the greatest sources of stress in the first years of a faculty appointment. They will include developing significant learning experiences for your students; career planning; time management; getting the most out of academic conferences; ethics in research, teaching, and advising; the nuts-and-bolts of writing and publishing; preparing a CV; job search and interviewing; promoting collegiality; preparing for the tenure process; and balancing personal and professional lives.

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Washington State Gateway to China

On September 20, 2009, about 1,000 people, mostly Chinese Americans, gathered in the Chinatown-International District in Seattle and held a parade for the first time to mark the anniversary of the founding of the People's Republic of China (commonly known as China),¹ its 60th. Exactly a century ago, also in the month of September, several hundred ethnic Chinese also came out to parade to celebrate the "China Day" of the Alaska-Yukon-Pacific Exposition (Expo), held at the current site of the University of Washington campus. The early 20th century parade took place in downtown and was much grander than the one a century later in many aspects,

featuring, among other things, a 150-foot long, 50-person operated Chinese bamboo dragon, with most of its parts made in California.

"Gateway to the Orient"

Not only did the Expo energize the Pacific Northwest region, its centrality in the important Pacific trade was heavily marketed at the event: the slogan of the Expo was "The Gateway to the Orient." It was in that context one hundred years ago that the University of Washington decided to launch its studies of China and other countries of Asia under a new

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Beautiful Snoqualmie Falls will be the site of an AAG Field Trip at the Annual Meeting. See page 13 for the full list of offerings.

Preliminary Program for the Annual Meeting
now available online at www.aag.org/annualmeeting/program

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GIS&T Innovation in Latin America

The AAG has been involved over the past four years in discussions with colleagues at the Inter-American Development Bank (IDB), the Knowledge Partnership Korea Fund, and the National Secretariat of Science, Technology and Innovation in Panama (SENACYT), on the feasibility and potential benefits of creating a network of GIS&T Innovation Centers in Latin America for economic development, environmental protection, and other needs. These organizations have provided support to the AAG to help explore this idea and to develop a feasibility study and proposed plan for addressing this concept.

Recognizing the potential roles of science, technology and innovation for improving the social and economic development of the Latin American and Caribbean regions, the AAG recently gathered leading representatives of universities, government agencies, research centers, international geography organizations, mapping agencies, and others from Latin America, the U.S. and Korea for a consultation and planning meeting in Panama, focused on how best to enhance GIS&T research and educational capacity in Latin America.

The attendees represented the leadership of many international geography-related organizations, including Santiago Borrero of the Panamerican Institute of Geography and History (PAIGH), Ronald Abler of the International Geographical Union, Graciela Metternicht of the United Nations Environment Programme (UNEP), Rubén Berrocal of SENACYT, Michael Goodchild of the U.S. National Center for Geographic Information and Analysis (NCGIA), and dozens of other senior GIScience and government officials from local stake-holder institutions such as the Panamanian National Geographic Institute, the Technological University of Panama, the Authority for Land Management of Panama, the University of Panama, the Panama Canal Authority, and many others.

Discussion and Endorsement of Priority Needs

In the course of the meeting, special presentations addressed the current status of GIScience and technology activities and expertise at national, regional, and international organizations throughout Latin America. Attendees shared insights into several GIS&T research and educational programs that might serve as useful examples or models for the region. Participants identified gaps and needs in both the education and research areas for GIScience in Panama and Latin America, and also discussed employment opportunities for young researchers and scientists in the region.

Dr. Rubén Berrocal, the Director of SENACYT, also shared his strong support of national and Latin American wide efforts for the development of a network of interactive and mutually supportive GIS&T research and educational centers to support social and economic development needs ranging from public health and agriculture to transportation and tourism. Dr. Berrocal, a medical doctor and researcher, also discussed Panama's just released national strategic plan for science, technology and innovation, which provides a national science policy framework and context for the development of GIS&T in Panama.

The assessment and analysis by the meeting participants emphasized the following special needs, among others, for enhancing GIS&T capacity:

- The need to achieve continuity in university programs regarding capacity and knowledge in GIS&T, and to enhance individual as well as institutional capacity in public and academic sectors. This implies finding ways to sustain developed capacity and to ensure that it is not lost when administrations change or new personnel replace existing skilled staff.
- The need to engage policymakers in understanding the key roles of geography and GIScience in addressing environ-

Continued on page 4



Richardson

Strengthening Department Leadership: Sharing Strategies and Practice

At last spring's annual meeting I co-organized three panel discussions for department chairs, led the traditional chairs' lunch, and sat in on a number of other sessions focusing on similar issues. I was amazed by the rich discussions about strengthening and improving programs. Over the next few years I would like to increase these opportunities for sharing strategies and practice among department leaders, just as I have tried to improve professional development opportunities for early career faculty.

For this reason, I've co-organized a Chairs' Symposium for the Seattle meetings on "Making the Case for Geography" with the help of James W. Harrington, Jr., Audrey Kobayashi, David Lanegran, Alexander Murphy, and Nancy Wilkinson. This half-day session will focus on strategies for communicating geography's value to its varied audiences: university administrators, employers, students and their families, lawmakers, the media and the general public. Such communication is essential to building and sustaining strong programs as well as guarding against cutbacks in the current economic climate. To encourage the sharing of strategies and concerns, participants and panelists from many different types of colleges and universities will be included to promote wide-ranging discussion from multiple perspectives. The symposium will end with the traditional chairs' lunch. If we have a good turnout, I will organize another symposium in 2012 on a different theme.

I see this symposium as a complement to the continuing Department Leadership workshops begun by past president Vicky Lawson as part of her Healthy Departments Initiative and held each summer since 2003. These are 3-day workshops for all geographers interested in improving their programs—chairs, deans, associate chairs, academic advisers, provosts and other administrators—as well as faculty of any rank interested in leadership issues. It is particularly well-suited for individuals who have recently or will soon assume leadership positions within their depart-

ments. The workshop will be offered again this coming summer at the University of Colorado. The workshop will be held June 16-18, and registration is now open on the AAG website at www.aag.org. My hope is that a regular Chairs' Symposium will provide a means for workshop participants and others to extend and deepen their discussions by setting aside a special time in the annual meeting program to focus more attention on pressing issues.

I think there are many reasons to make more space for leadership issues at our meetings. Over the past 12-18 months, I've learned of plans to reorganize, merge, or close about eight geography programs in the U.S. and Canada. There is the chance that these threats will increase over the next few years as the shock of the current recession reverberates through higher education in the U.S. and other countries. I am particularly sensitive to this issue because, as I mentioned in my December column, the department where I earned my graduate degrees closed its program in the 1980s. I continue to wonder after all these years whether more attention to leadership might have prevented its closure.

For those who face such threats, a range of resources has already been developed as part of the Healthy Departments Initiative. These include papers on "Making the Case for Geography," "Being a Geographer in a Blended Department," and "Beyond the Department: Building Effective Relationships with Deans, Provosts, and Presidents" (www.aag.org/education/healthy_departments/resources). There is also the Healthy Departments committee, chaired currently by AAG past president Alec Murphy, which is willing to help departments and their leaders with letters of support, phone calls, and campus visits. So, if you think help or support is needed—now or sometime in the future—please get in touch with me, Alec Murphy, or Doug Richardson. We work carefully with department leaders

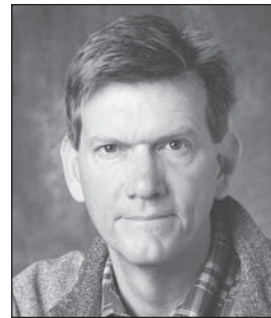
to offer the types of support they request within the context of their institutional missions and needs. Sometimes problems arise unexpectedly but, whenever possible, we encourage departments to think ahead; to anticipate possible challenges and opportunities; and to contact the Healthy Department committee now, rather than wait until problems have become acute.

For the moment I am most worried about the immediate threats posed by tight budgets. In the long run, better preparation of department leaders is essential to the health of our discipline.

Hoping people will learn the ropes on their own once they assume leadership positions isn't realistic. Equally important is seeing leadership as a team effort within a department, not just the responsibility of one or a few individuals. We also need to value the effort our colleagues invest in leadership roles. Such service is essential to the well-being of departments and the life of the discipline and shouldn't be seen as a burden to be shunned or shed as quickly as possible.

The more important point is that strengthening leadership is also a way to seize new opportunities. As I travelled around to AAG regional meetings this past fall I was impressed over and over again with the number of new initiatives underway including new degree and certificate programs; growing enrollment; the excellent placement of students; and even, in some cases, new faculty positions and research funding. So sharing strategies and practice can yield real dividends, both in safeguarding our many achievements and promoting innovation and change. ■

Ken Foote
k.foote@colorado.edu



Foote

New NSF Program Director, Geography and Spatial Sciences

David L. McGinnis was recently named as a Program Director for Geography and Spatial Sciences (GGS) at the National Science Foundation. He holds a PhD in geography from the Pennsylvania State University (1994) and is a former AAG Nystrom Award winner. Most recently, McGinnis has been a university research administrator for Montana State University-Billings. He is a climatologist with interests in complexity theory, coupled natural-human systems,



McGinnis

and ecosystem-climate interactions. In addition to Geography and Spatial Sciences, McGinnis will be working with NSF interdisciplinary programs related to the environment.

At the National Science Foundation, McGinnis will work closely with colleagues Antoinette WinklerPrins and Ezekiel Kalipeni, GSS Program Directors, and Thomas Baerwald, also GSS Program Director and Senior Science Advisor in the Division of Behavioral and Cognitive Sciences. ■

From the Meridian from page 2

mental protection, urban development, sustainable tourism, public health, social justice, transportation and logistics, and other national and regional development goals.

- The need to encourage sharing of geographic data and information as well as geographic expertise and knowledge more broadly across disciplines and sectors. This implies public access to geospatial data and mechanisms to engage local populations in the design and development of national mapping programs.
- The need to encourage central repositories of fundamental geospatial datasets at national levels including maintenance and updates. Linkages to regional level geospatial portals will facilitate sharing across national borders, to foster trade and cooperation on environmental protection and economic development programs throughout Latin America.
- The need to coordinate data collection procedures, comply with metadata standards, ensure interoperability, and follow online data dissemination protocols to permit multiple applications by a multitude of organizations, researchers, educators, and individual citizens. Data standards coordination is already underway and many countries of the region are participating, but further progress is needed.
- The need to create curricula for geography, GIScience and GIS in the education system, and to emphasize fundamental principles of GIScience and technology, rather than only applications. The

UCGIS GIS&T Body of Knowledge (AAG, 2006) offers one starting point for these efforts.

Establishing a Network of Centers

Participants discussed several ideas, potential organizational models, and locations for centers that might address regional needs, as



Dr. Rubén Berrocal (left), the Director of SENACYT, with Doug Richardson.

defined by the region itself. There was consensus about the importance of engaging all sectors, including public, private, academic, and non-governmental in the creation and support of the center. Adapting the "multi-university center" concept employed by the US National Center for Geographic Information and Analysis (NCGIA) emerged as a potentially relevant model for successfully structuring the involvement of a diverse suite of universities and public research institutions in Panama and throughout Latin America.

After extensive discussion, the group recommended unanimously that the AAG work together with SENACYT to develop a plan for a \$1 million prototype center to

enhance Latin American GIS&T capacity for innovation and economic development, with Panama as an initial host for the prototype center. The Panama GIS&T Center would then expand linkages to other universities in the region, as well as to research centers, government agencies, and other institutions such as national mapping agencies, the Panama Canal Administration, and existing private sector GIS&T institutions. There was consensus that initial funding of \$1 million be developed and administered by SENACYT for the establishment of the center in Panama, and also to fund research grants on a competitive basis to address strategic national and regional priorities; approximately 10% would be reserved for administrative and standards development activities.

This initial funding would then be supplemented by longer term sustainable support in the form of additional grants, matching funds, and in-kind resources (human and infrastructure), as well as private sector support through grants of funds, GIS&T equipment, or GIS software.

The AAG intends to complete the feasibility phase of this project and deliver a proposed plan to SENACYT for moving forward by the end of March 2011. The plan would also address mechanisms for achieving long term financial sustainability of the initial center and for its interactions with other universities and centers throughout the Americas. ■

Doug Richardson, Patricia Solís, and
Candida Mannozi
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Geographer Waleed Abdalati Named Chief Scientist at NASA

Waleed Abdalati, associate professor of geography at the University of Colorado and Director of the Earth Science and Observation Center, has been named Chief Scientist for the National Aeronautics and Space Administration (NASA). The two-year appointment began January 3, 2011.

According to NASA, "Abdalati will represent all of the scientific endeavors in the agency, ensuring they are aligned with and fulfill the administration's science objectives. He will advocate for NASA science in the context of those broader government science agendas."

Abdalati will serve as chief adviser to NASA Administrator Charles F. Bolden on matters relating to agency science programs, strategic planning and the evaluation of NASA's current science investments. He will also work with the White House Office of Science and Technology Policy and the Office of Management and Budget.

Given the Obama Administration's recent strengthening of NASA's mission to

emphasize Earth system science,¹ Abdalati, whose research focuses on understanding changes in the Earth's ice cover and what that means for the future of climate change, would seem to be a particularly timely choice as NASA's Chief Scientist. A Fellow of the Cooperative Institute for Research in Environmental Sciences (CIRES), Abdalati and his colleagues use satellite and airborne remote sensing techniques along with field observations and modeling to learn about ice sheets and high-latitude glaciers, their vulnerability to climate change and their contributions to sea-level rise.

Previously, Abdalati worked at NASA from 1998-2008, where he served as head of the Cryospheric Sciences Branch of NASA at the Goddard Space Flight Center in Greenbelt, Maryland. He also managed the Cryospheric Sciences Program at NASA Headquarters in Washington, D.C. He was

presented with the NASA Exceptional Service Medal in 2004 and the NASA Agency Group Honor Award in 2003. He joined the Department of Geography at the University of Colorado in 2008. Abdalati earned a degree in mechanical engineering from Syracuse University in 1986. He later received master's and doctoral degrees from the University of Colorado.

Although Abdalati is the first geographer to hold this important post, it should be noted that many geographers have served NASA in key positions for decades and continue to do significant work throughout the space agency. ■



Abdalati

¹See *National Space Policy of the United States of America*, released in June of 2010. www.whitehouse.gov.

Liverman to Present Gilbert White Lecture

Diana Liverman will deliver the 2011 Gilbert F. White Lecture in the Geographical Sciences, "Geography and Global Environmental Change: Climate Risks and the Challenge of Development." Organized and hosted by the National Academies of Sciences, the event will be held on Thursday, February 10 at 6:00 pm, at the Keck Center, 500 Fifth Street NW, Washington, D.C.

The aim of the Gilbert F. White lecture series – developed with his blessing – is to focus on connections between the geographical sciences and society. It both honors Dr. White and uses his example as an inspiration for geographers to share their work on the connections between science and society. Geographers, including Gilbert White, those he trained, and now several more generations of researchers, have made significant contributions to our understanding of climate risk, vulnerability and adaptation and to the thinking of international agencies and organizations about how to

respond to natural disasters, poverty and threats to water and food security.

Liverman's lecture will discuss how we might integrate climate adaptation and mitigation into development and the challenges that the mainstreaming of climate into development institutions and practice poses to the research community. How can we identify who is vulnerable, the costs of adaptation, and who should receive adaptation funds? How can we evaluate the success of development investments in reducing climate risk? What mechanisms can be used to reduce emissions in the developing world and how can they be improved? Is it possible to develop projects that provide triple benefits of mitigation, adaptation and poverty alleviation? What is the role of non-nation state actors such as NGOs, the private sector, development banks and local governments? The lecture will seek to address these questions using examples from geographic research projects, including several that analyze vulner-

ability, adaptation and carbon offsetting in Latin America.

Liverman is professor of geography and development and co-director for the Institute of the Environment at the University of Arizona. She is also senior research fellow in the Environmental Change Institute and visiting professor of environmental policy and development in the School of Geography and Environment at Oxford University. She has been an active member of national and international advisory committees on global change including serving as chair of the U.S. National Research Council (NRC) Committee on the Human Dimensions of Global Environmental Change, and the panel on Informing Decisions of the NRC's *America's Climate Choices* study.

Please visit <http://dels.nas.edu/global/besr/GW-Lecture> for more information on the 2011 Gilbert F. White Lecture in the Geographical Sciences. ■

2011 AAG Honors Recipients

Each year, the AAG Honors Committee invites nominations for honors recognizing outstanding contributions to the advancement or welfare of the discipline of geography. At the 2011 AAG Annual Meeting in Seattle, the AAG will recognize six individuals and one publishing company for contributions in the areas of scholarship, service, and geography education. These honors will be conferred at the annual awards luncheon, to take place on Saturday, April 16, 2011.

Lifetime Achievement

Susan L. Cutter, University of South Carolina, will receive *AAG Lifetime Achievement Honors* in recognition of her influential scholarly agenda, effective public service, and outstanding academic leadership. Recognized by international experts as the leading social scientist attending to natural and technological hazards and risk analysis, Cutter's scholarship impacts societies in every part of the world. Her concern for the vulnerability and resiliency of societies struck by disaster has improved public safety in the face of hazards ranging from hurricanes to earthquakes to terrorism, and her public service has guided the expenditure of public funding in ways that are most likely to benefit the greatest number of deserving disaster victims. She has played a pivotal role in nationally significant studies on disaster management, human dimensions of hazards, behavioral approaches to decision-making for environmental issues, and earth science applications of satellite technology. By producing research of the highest quality and greatest utility to humankind, Susan Cutter embodies the very best of the discipline of geography. She is also a former President of the Association of American Geographers.



Cutter

Distinguished Scholarship

Mei-Po Kwan, Distinguished Professor of Social and Behavioral Sciences at the Ohio State University, will receive AAG

Distinguished Scholarship Honors in recognition of her pioneering scholarship in spatial behavior studies that fuse quantitative and qualitative methods from transportation geography, critical social theory, feminist geography, and geographic information science. Her work enriches these



Kwan

specialty areas with hybrid mixed method approaches to gain a deeper understanding of the space-time constraints in shaping the geographies of everyday life, and the impacts of information and communication technologies on urban forms, urban travel, and spatial interaction. Kwan incorporates feminist/critical epistemologies into GIS methodology to link macro geographies, local context, and gender perspectives. Her innovative research extends beyond traditional disciplinary boundaries and pushes for interdisciplinarity and geographies of health that integrate spatial behavior into the study of population and health. Professor Kwan's role as Editor of the *Annals of the AAG* (Methods, Models, and Geographic Information Science Section) has significantly elevated the quality and quantity of publications in these subject areas. The breadth and depth of her scholarship has helped to substantially transform geographic research and the reputation of our discipline, and her outstanding scholarship has exemplified the ideas of significant and distinguished scholarship in geography.

Distinguished Scholarship

Diana M. Liverman, University of Arizona, will be presented with *AAG Distinguished Scholarship Honors* at the 2011 Annual Meeting in recognition of path-breaking scholarship that engages across climate science, political ecology, and Latin American studies. In a discipline whose breadth too often challenges its coherence,



Liverman

where environmental scientists, regional specialists and critical human geographers find it difficult to engage constructively with one another, Dr. Liverman exemplifies the importance of and insights stemming from such mutual engagement. Her record of scholarship is remarkable, including: environmental science research on climate change; extensive study of its human implications, particularly in Mexico and Latin America; pioneering political ecological research on the relationship between vulnerability to environmental change and poverty; and carbon trading and offsets and their unequal social implications.

Within the discipline, she has significantly advanced our understanding of the human implications of climate change. Beyond the discipline, she is an influential voice in national and international studies of, and global policy debates concerning, climate change and its societal implications.

Geographic Education

Joseph P. Stoltman, Professor of Geography and Science Education at Western Michigan University, has been a catalyst in the renaissance in geography education inspired by Gil Grosvenor and the National Geographic Society. For his 40 years of work and dedication to research and service that has contributed to every significant movement in geography education, he will be presented with *AAG Gilbert Grosvenor Honors for Geographic Education*. Stoltman's career in geography has focused on geographic education with the goal to provide all students, K-16, with meaningful geographic content and applications of the discipline essential for responsible citizenship. He has authored and co-authored more than 40 peer-reviewed articles, book chapters, monographs, and school-level textbooks. He serves as co-editor of the IGU Commission on Geography Education's journal *International Research in Geographic and Environmental Education* and is editor of *Research in Geographic Education*.



Stoltman

His expertise in assessment and curriculum theory has laid the foundation for contemporary advances and innovations, including his role in the continued research and development for the Geography National Assessment of Educational Progress (NAEP). Stoltman served on the writing committees for the 1994 National Geography Standards and the second edition of the National Standards in 2010. As President of the National Council on Geographic Education he has participated in educational policy development at both the state and national levels.

Distinguished Service

Ros Whitehead is this year's recipient of AAG Ronald F. Abler Distinguished Service Honors



Whitehead

in recognition of her outstanding contributions to scholarly production. Her superb work as an editorial assistant has been invaluable to the smooth operation of the scholarly life of many geographers.

The progress of an academic discipline is dependent on publication of research papers and other materials, a process that involves a range of people other than the academics themselves. Over a 40-year

career, Whitehead has mastered a complex series of tasks and professional skills that allow her to work productively with authors, referees, editors and others, very largely in the production of *Environment and Planning* but also, for shorter periods, other journals. Her service is of a sort that rarely, if ever, gets acknowledged but that is crucial, not only to individual careers but to the public face of the discipline.

Public Service

Phil Pryde is this year's recipient of AAG Gilbert F. White Public Service Honors. Pryde has distinguished himself as a scholar in many ways, including authoring several books and publications in prestigious outlets such as *Nature*, *The Geographical Review* and the *Proceedings of the Association of American Geographers*, but he has truly brought distinction to the discipline through his tireless devotion to public service. For the past four decades he has been involved with local governmental bodies and regional conservation groups, frequently serving as their chair or president or sitting on their governing board. His efforts on behalf of the environment have been chronicled



Pryde

in a number of newspaper and magazine articles, and he has received numerous awards from NGOs and environmental organizations recognizing his devotion to environmental conservation.

Publishing

The 2010 AAG Publication Award will be presented to **Pion Publishing** in recognition of more than four decades of support for geographical scholarship and publishing across the entire field of human geography, including GIScience. The four geographical journals in Pion's *Environment and Planning* series have played central roles in the growth and transformation of geographical scholarship since the late 1960s, and today these remain pre-eminent venues for high quality publishing by geographers and others interested in issues of space and social theory, including philosophers, sociologists, anthropologists, architects, historians, political scientists, and cultural and science-studies theorists.

AAG Honors will be presented at the association's annual awards luncheon on Saturday, April 16, 2011, in Seattle. We invite you to join us in recognizing the achievements of these honors recipients by attending. Tickets are still available. Please see the order form on page 16. More information on the 2011 AAG Annual Meeting is available at www.aag.org/annualmeeting. ■

Grants & Awards Received

Geography professor **Graham Tobin**, University of South Florida, was recently honored with the Lifetime Achievement Award by the Southeastern Division of the Association of American Geographers (SEDAAG). Tobin, who also serves as an associate vice president for academic affairs, received the award in response to his lifetime contributions to teaching, research and service. He has published five books, eight edited books and monographs, 22 chapters, more than 85 refereed articles and proceedings, 49 technical reports and working papers, 24 book reviews, and has



Tobin and Collins received their awards at the SEDAAG meetings.

presented more than 200 academic papers. Tobin also has received more than \$1.5 million in grant money throughout his career and has served on many university and national committees.

SEDAAG presented its "Excellence in Teaching Award" to **Jennifer Collins**. An educator known for her innovative classroom uses of new techniques and technologies, she has previously been presented with both the "Outstanding Undergraduate Teaching Award" and the "Outstanding Student Advisor Award" at the University of South Florida. ■

To order tickets for the 2011 AAG Annual Awards Luncheon, please use the form on page 16.

Washington State from page 1

academic department called the "Department of Oriental History, Literature, and Institutions." Today, this department has morphed into a leading school of international studies, hosting fifteen area studies programs and a dozen national resource centers, including a premier China Studies program. Indeed, Asian studies undertaken at the UW have been actively pursued in this region for more than a century!

Linkages

Of course, the linkage between Washington State, and more generally, the Pacific Northwest and China, goes far beyond the century marked by the above benchmark events. The first Chinese immigrants arrived in Seattle in the early 1860s, and the Chinese reportedly accounted for one sixth of Seattle's then population of 3,400. Trade between China and Seattle was also a way of life for some Chinese pioneers. For example, in 1868, a year before Seattle's incorporation, Chin Chun Hock founded the famous Wa Chong Company, a U.S.-China trading house that continued into the 20th century. The world famous kung-fu star, Bruce Lee, an American-born Chinese who actually grew up in Hong Kong, also went to college at UW and spent his career's formative years in Seattle. After his death at age 32, his wife decided to bury him in Seattle. Today, the Wing Luke Museum, located in the heart of Seattle's Chinatown-International District, tells many stories of survival, struggle and success of the Asian pioneers and late comers to this region. The museum is still the country's only museum devoted to the Asian-Pacific American experience.

In addition to immigration, trade between the Pacific Northwest and Asia has

always been another important aspect of the connection between them. Sitting on the west coast with a large Asian population, the region has traditionally looked to East Asia for business opportunities and new markets. A large segment of Pacific Northwest's economy is also naturally export-oriented. Trade between the Pacific Northwest and Asia has expanded to a scale that pioneers in the 19th century could have never imagined. For example, in 2008 total two-way trade (imports and exports combined) between the region's largest port, Seattle, and mainland China surpassed \$19.2 billion, constituting almost half of all two-way trade through the port. This \$19.2 billion includes imports and exports to and from other parts of the U.S., depicting a familiar picture of imports hugely exceeding exports.

Trade Figures

A closer look at Washington State's trade figures shows some more interesting characteristics. (1) The state is the most trade-dependent in the U.S., measured by per capita exports and economic impact of exports on the state's economy. (2) East Asia figures prominently in the state's export markets – five of the top 10 destinations for goods made in Washington State in 2009 were in East Asia, with China topping the list. (3) Perhaps most notable of all, the state is also the only one in the U.S. that runs a trade "surplus" with China, in contrast to the national pattern of huge U.S.-China trade deficits. Based on estimates on the origin of assembly and by excluding "pass-throughs," the value of goods exports originating in Washington State, including many expensive Boeing airplanes, computer products, and medical equipment is higher than that of products shipped from

China and consumed in the state, even in large quantity. Other commodities from Washington popular in China include apples, wine, and Almond Roca, a gift item well favored among China's upper-middle class consumers.

It is important to note that the above trade figures mask the significant role of services exports to China, such as education, legal services, and overseas architecture contracts. Ample evidence suggests the growing relevance of this sector in this

regional relationship with Asia. For example, in 2008 the share of international students from China attending schools in Washington State increased from 8% to 10%, and the trend has continued. More generally, the great majority of foreign students in Washington State are from East Asia (the top three countries in 2010 were China, South Korea and Japan). The number of foreign students in Oregon also rose by a staggering 13% in 2010, with China, Japan and South Korea among the top four source countries.

Needless to say, many world-class firms based in this region are also actively involved in work in China. In addition to the big companies such as Boeing, Microsoft, Starbucks, and Amazon, a growing number of smaller Seattle-based firms have established China operations; they include MulvannyG2 and Davis Wright Tremaine (where former Governor Gary Locke was a partner before joining the Obama Administration's cabinet in 2009; Locke now heads the Department of Commerce, for a good reason). In recent years, foreign direct investment has also emerged as another key aspect of Washington State-China relations. For instance, several Chinese information and communication technology companies and medical device companies have established overseas operations in the Greater Seattle region. Perhaps to the greatest delight of many local aficionados of Chinese foods, a Taiwan-based top dumpling house, Din Tai Fung, just opened its second restaurant in North America in Bellevue (following the first one in Los Angeles). This certainly attests to the rising interest in top quality Chinese cuisine and a stronger linkage between the Pacific Northwest and Asia in recent years. ■

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CREDIT: WIKIMEDIA

Seattle remains a major industrial port city, one of its most significant links to the shifting global economy.

¹Annual parades, usually in early October, to celebrate the anniversary of the founding of the Republic of China, commonly known today as Taiwan, had been going on for many years before 2009.

Connections between Asian and North American geographers and geographies will be a special theme at the AAG's 2011 Annual Meeting, to be held April 12-16 in Seattle. For more on the annual meeting, including a list of sessions and events highlighting this special theme, see www.aag.org/annualmeeting.

Washington Monitor

Opening of 112th Congress Marred by Arizona Shooting

The 112th Congress opened its first session on January 3 with the traditional fanfare that marks a transition in power. But Speaker John Boehner's (R-OH) celebration of his first week in his new job was curtailed first by several political controversies and then abruptly cut off by the tragic shooting of Congresswoman Gabrielle Giffords (D-AZ) and several others at a public event in Tucson, Arizona.

As a point of personal privilege, my thoughts (along with those of all of us here at the AAG) go out to each of the victims and their families. As someone who has worked in the political sphere for over a decade now, I have sometimes stopped to ponder the evil that exists in the world and the dangers posed by a life lived in and around public service. But there are many good people who work vigilantly to protect Congress and other federal officials and facilities – and events like the tragedy in Arizona are thankfully rare.

Congresswoman Giffords' shooting was especially jarring to those of us in the science advocacy community. She is an active member of the House Science Committee and has been a leader on NASA issues. Giffords' husband, Mark Kelly, is a veteran astronaut and was scheduled to command the space shuttle *Endeavor* on its final flight in April. We are hopeful for her successful and speedy recovery.

The shooting caused Congress to pause for a week, but not before Speaker Boehner and his caucus were quickly exposed to the political pitfalls of being in the majority. As one example, the House was faced with an administrative headache after it was learned that Reps. Pete Sessions (R-TX) and Mike Fitzpatrick (R-PA) had missed the official swearing in of all members because they were off the House floor at a reception. Not being aware of House rules, Sessions and Fitzpatrick voted on several procedural motions before they were properly sworn in by Boehner the following day.

GOP Budget Proposals Could Harm Geography Research

The Speaker and his GOP colleagues have also faced increasing questions as to whether they will be able to cut \$100 billion from the federal budget, as was promised in the *Pledge to America* issued during the 2010 campaign. Republican spokesmen have indicated that the House intends to follow through on the promise this year, and that their goal is to return most federal accounts to their Fiscal Year 2008 (pre-Stimulus) spending levels. But critics have pointed out that following through on the promise would require draconian cuts to several popular education programs and critical grants to states and localities at a time when governments at all levels are struggling to balance their budgets.

It is this promise of budget cuts that could have the biggest negative impact on the geography community. The National Science Foundation, for example, would lose more than 12 percent of its current funding if its budget was returned to the 2008 level. And the National Endowment for the Humanities would face a cut of over 15 percent of its funding with a return to the 2008 number. While Senate Democrats and the White House are unlikely to support such extreme budget cuts, House Republicans will likely insist on reductions to some extent.

New House Education Chair Yet to Schedule K-12 Hearings

Meanwhile, in another policy topic of great importance to geography and the AAG, Rep. John Kline (R-MN) formally became chairman of the House Committee on Education and the Workforce as the new session of Congress opened. Like most of his colleagues, Kline set aside political discussions during the week of January 10, but even before the shooting, the new chairman had said little about K-12 policy.

A consensus exists in Washington that, despite the new divided government, Congress will make a serious effort to reauthorize the Elementary and Secondary Education Act (ESEA, better known as

No Child Left Behind) in 2011. For that to happen, however, Kline will have to play a key role in getting legislation through his Committee and the full House and in forging a compromise with Senate Democrats and the Administration.

Kline's first legislative activity as the new chairman was to issue a press release trumpeting the bill House Republicans have introduced that would repeal the 2010 healthcare reform legislation. Education and the Workforce is one of three House committees with primary jurisdiction over healthcare policy, hence Kline's interest in the issue.

As of January 10, Kline had yet to schedule any hearings on education topics. On behalf of the AAG, I reached out to his staff to welcome them to their new positions and to explain the importance of including dedicated funding authorizations for K-12 geography education as part of the ESEA. They expressed an interest in meeting with us once they have had a chance to settle in to their new roles, and one of Kline's spokespersons told me, "The Education and the Workforce Committee will engage all of its members in the process of evaluating the current law and identifying areas in need of reform. Chairman Kline has indicated his openness to a variety of approaches for reforming the law. Congress may consider addressing specific concerns or opportunities for improving the law, rather than a massive overhaul."

We will continue to work with key leaders in Congress to insure that K-12 geography education gets the attention it deserves in the ESEA. We are grateful for the support the AAG membership has provided in this endeavor. ■

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An archive of past Washington Monitor columns is available at www.aag.org/publications.

International Research Team to Develop CyberGIS Software

The National Science Foundation has awarded \$4.4 million to an initiative led by the University of Illinois at Urbana-Champaign that will combine cyberinfrastructure, spatial analysis and modeling, and geographic information science to form a collaborative software framework encompassing many research fields.

Led by Shaowen Wang, a professor of geography and also a senior research scientist at the National Center for Supercomputing Applications at the University of Illinois, an interdisciplinary team of researchers will work to develop CyberGIS, a comprehensive software framework that will harness the power of cyberinfrastructure for GIS and associated applications.

Although GIS is now widely used and has become an invaluable tool across numerous disciplines, conventional GIS software is not capable of handling the huge volumes of

data and complex analysis required for many modern applications. Cyberinfrastructure is a system that integrates data management, visualization, high-performance computing and human elements to tackle complex problems.

"The overarching goal of this project is to establish CyberGIS as a fundamentally new software framework encompassing a seamless integration of cyberinfrastructure, GIS, and spatial analysis and modeling capabilities," Wang said. "It could lead to widespread scientific breakthroughs that have broad societal impacts."

"CyberGIS will empower high-performance, collaborative geospatial problem solving," Wang said. "For example, it could dramatically advance the understanding of disaster preparedness and response and impacts of global climate change."

The project involves partnerships among academia, government, and industry with an international scope. Partner institutions include Arizona State University, the Computer Network Information Center of the Chinese Academy of Sciences, Environmental Systems Research Institute (ESRI), Georgia Institute of Technology, Oak Ridge National Laboratory, University College London Centre for Advanced Spatial Analysis (England), University Consortium for Geographic Information Science, University of California-San Diego, University of California-Santa Barbara, University of Washington, the U.S. Geological Survey, and Victorian Partnership for Advanced Computing (Australia).

For more, see <http://www.cigi.illinois.edu/doku.php>. ■

Summer Workshop from page 1

Dates and Times

The workshop begins at 7:00pm on Sunday, June 12, and ends at 10:15am on Saturday, June 18. An optional, free field trip into the Rocky Mountains to the Continental Divide will be available on Saturday afternoon for those wishing to stay until June 19.

Cost, Registration, and Accommodations

To register, visit <http://www.aag.org/gfda> and follow the links to "Early Career GFDA Workshop" and then "Register to Attend." You do not need to be a member of the AAG to register for the workshop and enter the website. Follow the instructions to "Sign Up" for a temporary password if you are not an AAG member. Enrollment is on a first-come, first-served basis starting with the waiting list from last year.

The registration fee of \$1,150 includes a single dorm room, breakfasts, lunches and refreshments, two dinners, supplies, meeting rooms, computer network and printing access, graduate student support staff, and support for the workshops and teaching staff leaders. Often participants' home departments or colleges pay all or part of the workshop cost, so please check with your chair, advisor, or dean about fellowship

opportunities. For participants wishing to make their own housing arrangements in Boulder, the registration fee is \$700 excluding dorm room and breakfast, but including all other activities. *Participants are responsible for making their own travel arrangements.*

Spouses and children are also welcome to attend. Accommodations are available at the following rates: 1) \$350 for spouse, to cover double room, including meals; 2) \$200 for each child over 7 years of age for room, including meals, but no additional room or meal charge for children under 7; 3) \$160 for each child in daycare during the workshop, Monday through Friday, 8-5 pm. Although you should pay your workshop registration through the AAG website, you will be billed separately for family members and daycare in May when these arrangements are finalized at the University of Colorado.

A minimum of twenty-five participants are needed to meet the costs of the workshop. If fewer are enrolled as of May 2, the workshop may be cancelled and all funds returned to participants.

The AAG's Department Leadership Workshop will also be held in Boulder from June 16-18. Participants in both workshops will meet and work together in some sessions.

More Information

For further information about the workshop please contact either of the co-leaders: Professor James W. Harrington, Jr. (jwh@u.washington.edu), Department of Geography, University of Washington, or Professor Ken Foote (k.foote@colorado.edu), Department of Geography, University of Colorado. The workshops were begun in 2002 with the support of the U.S. National Science Foundation. See <http://www.colorado.edu/geography/gfda/gfda.html> for more information.

The University of Colorado is located along the scenic Front Range of the Rocky Mountains. Boulder has an excellent system of hike and bike trails leading from campus to many local mountain parks and open spaces. The Denver regional bus system links Boulder directly to Denver International Airport and downtown Denver. Rocky Mountain National Park is within easy driving distance of campus. Many participants arrange to spend a few extra days in Colorado before or after the conference to travel or camp in the Rockies. Visitor information is available from www.bouldercoloradousa.com, www.explore-rocky.com, and www.colorado.com. ■

Addressing the Census in Seattle: An Integrated Program for Improvements

The U.S. Census Bureau has organized a special session at the 2011 AAG Annual Meeting in Seattle to discuss its ongoing program for improving coverage. To be chaired by Chief of the Census Bureau's Geography Division, **Timothy Trainor**, "A Proposed Geographic Support System Initiative for the U.S. Census Bureau – An Integrated Program for Improvements" will take place from 10:00am to 11:40am on Friday, April 15, 2011 in Seattle, Washington. Panelists will include Stuart C. Irby, Atri Kalluri, Leslie Goodwin, and Andrea Johnson.

In preparation for the 2010 Census, the Geography Division at the U.S. Census Bureau implemented a program to improve the positional accuracy of the Master Address File/Topologically Integrated Geographic

Encoding and Reference (MAF/TIGER) file to support the use of GPS by field listers during the 2010 Census. Beginning in Fiscal Year 2011 the Geography Division of the U.S. Census Bureau has put forth an expanded Geographic Support System (GSS) Initiative. In 2011, the Geography Division will focus on address improvement, feature improvement, and quality improvement.

The proposed Geographic Support System (GSS) Initiative is an integrated program of improved address coverage, continual spatial feature updates, and enhanced quality assessment and measurement. It supports a targeted, rather than complete, Address Canvassing operation during 2010 in preparation for the 2020 decennial census. Address improvement activi-

ties will include: exploring methodologies to achieve complete and current address coverage, concentrating on rural areas, Puerto Rico, and Group Quarters, and improving geocoding of all addresses to their location and higher levels of geography. The feature improvements will focus on the continuous update of the street network to facilitate improving the successful assignment of addresses to their correct geography and aid in orientation for field staff. The quality improvements will ensure the Bureau broadens quality assessments and provides quantitative measures for the data, systems, and products.

Panelists will welcome questions and comments from the audience following their presentations. ■

Census Plenary Session: The Role of Geography in Census 2010 and the Census Bureau

11:50am to 12:30pm, Friday, April 15, 2011

Geospatial data and geographic information system technologies are critical to successful planning and implementation decennial census data collection operations, and for the tabulation and dissemination of data. Census Bureau geographers delineated the geographic areas used to manage decennial census field data collection operations. Through a variety of geographic partnership programs, they collected updates to the

Census Bureau's master address file, to the road network in the TIGER database, and to the universe and boundaries of geographic entities that would be used to tabulate data. It is difficult to find any data collection and tabulation program in the Census Bureau that does not rely upon accurate geospatial data and geographic area information. In this plenary, **Timothy Trainor**, Chief of the Census Bureau's Geography Division, will discuss the role of geography and geographic information in Census 2010 and

in the Census Bureau. He will discuss the Census Bureau's work to collect, review, and update geospatial data for Census 2010 and beyond. Trainor also will discuss the variety of work in which geographers are engaged throughout the Census Bureau. Dr. Patricia Gober, Professor of Geography at Arizona State University and Past President of the Association of American Geographers, will be the moderator and discussant for this plenary session. ■

2010 Census Interactive Maps

Gertrude Stein once observed of modern times, "Everybody gets so much information all day long that they lose their common sense." What seemed so true almost a century ago is perhaps even more keenly felt today, as a superfluity of easily available facts, figures and images marks daily life in the information age. How to make sense of it all?

For their part, the U.S. Census Bureau is doing its best to make sure there is a there there. Having recently completed the enormous decennial task of recording the resident population of the United

States, and doing so both on time and \$1.87 billion under budget, the Census Bureau has taken the data gathered a step further by incorporating them into a suite of interactive maps make to make the information not only easily available but readily understandable.

Perhaps Stein's most memorable quote remains her contention that "In the United States there is more space where nobody is than where anybody is. That is what makes America what it is."

Literary inventiveness aside, if you would like to find out for yourself just how

many people there are in the U.S. and where they reside, or how the population has changed from place to place and decade by decade, visit the Census Bureau's excellent interactive population maps at <http://2010.census.gov/2010census/data>. When you do, you may not "realize that it is something *strictly* American to conceive a space that is filled with moving," as Stein once contended, but you may see that even census data, when well conceived in a series of useful and interesting maps, can be poetry in motion.

The Professional Geographer

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For more on the Professional Geographer and other AAG publications, see www.aag.org/publications.

Call for Nominations: AAG Standing Committees

At the AAG Council's Spring 2011 meeting, held immediately prior to the Annual Meeting in Washington, D.C., the AAG Council will make new appointments to the set of AAG Standing Committees. These appointments will replace members whose terms expire July 1, 2011.

If you wish to nominate yourself or other qualified individuals for one or more of these vacancies, please notify AAG Secretary Lisa Harrington on or before **April 1, 2011** via e-mail (lbutlerh@ksu.edu).

Please ensure that your nominee is willing to serve if appointed. Include contact

information for your nominee as well as a brief paragraph indicating why he/she would be suitable for the position.

Below is the list of topics of interest to committees: Archives and Association History, Committee on College Geography and Careers, Committee on the Status of Women in Geography, Constitution & Bylaws Committee, Enhancing Diversity Committee, Governmental Data and Employment Committee, Membership, Publications Committee, Scientific Freedom & Responsibility Committee, AAG Awards Committee, AAG Globe Book Award Committee, AAG

Meridian Book Award Committee, AAG Mel Marcus Fund Committee, AAG Research Grants Committee, AAG Student Award and Scholarship Committee.

The AAG Secretary will also receive names for service on the AAG Nystrom Award Committee, to be appointed by the Fall of 2011.

The current charges for AAG Standing Committees may be found in the AAG Guide to Programs or online at http://www.aag.org/about_aag/governance/committees. ■

Childcare at the Annual Meeting

The AAG will provide limited reimbursement to registered attendees to subsidize part of necessary child care expenses incurred during the Annual Meeting. Reimbursement is only available for childcare on-site in Seattle, Washington. No reimbursement is made for childcare at your home while you are in Seattle, Washington or for childcare provided by anyone other than a licensed childcare agency or provider. Total reimbursement is limited to \$300 per family. Original receipts must accompany submission of the AAG Childcare Reimbursement form. The form and application instructions are available online at www.aag.org/annualmeeting/travel_and_accommodations/childcare.

AAG Field Trips at the Annual Meeting

Saturday, April 9

1. Vancouver and Whistler, British Columbia: Seeking Sustainability
 Saturday, April 9, 6:50am – Monday, April 11, 8:45pm
 Organizer/Leader: Alison Gill, Simon Fraser University; Nadine Fabbi, Center for Canadian Studies, UW
 Trip Capacity: 22
 Cost/person: \$450 (includes 2 nights' accommodations, snacks, handouts, transportation; rates increase by \$125 for single occupancy.)

This 3-day (2-night) field trip will focus on aspects of sustainable urban development. Vancouver is seeking to become the "greenest city" in the world by 2020 whereas Whistler, one of North America's top mountain resorts, is an established leader in its approaches to sustainability planning and governance. On Day 1, after a 3-hour bus ride to Vancouver we will first visit Granville Island, a "festival marketplace" where participants can explore and get lunch. This will be followed by a walking tour of the False Creek redevelopment that includes recent "green," LEED-certified, residential housing developed for last year's Winter Olympics. Dinner will be on your own. Day 2 of the tour will follow the spectacular Sea-to-Sky Highway to Whistler. A late afternoon wine and hors d'oeuvre reception (included in the



Boeing's history will be featured in a field trip to its Everett, Washington, assembly plant.

registration fee) will follow a talk by Resort Municipality representatives on innovations in sustainable governance. On Day 3 we will stop again in Vancouver to explore the state-of-the-art convention centre and cruise-ship terminal before buying lunch and returning to Seattle by around 6pm.

Please ensure that you bring walking shoes, rain gear and a warm jacket. All U.S. citizens will require a passport and non-U.S. citizens should also check visa requirements. Passport details will be required in advance. The registration fee does not include any meals (only the Whistler reception) but the hotels in Vancouver and Whistler are both located within easy reach. You may request a roommate, or you will be matched with someone of the same gender.

Monday, April 11

2. Canada-U.S. Border (Security) Tour
 Monday, April 11, 9:00am – 5:00pm
 Organizer/Leader: Kevin P. Cook, Consulate General of Canada
 Trip Capacity: 20
 Cost/person: \$65 (includes bus transportation, lunch)

The Canada-U.S. Border (Security) Tour introduces participants to the history, role, and responsibilities of the Canada Border Services Agency and U.S. Customs and Border Protection at the third busiest crossing on the U.S.-Canada border. Since the attacks of 9/11 both the United States and Canada have introduced operations and procedures to increase security at the common border while expediting the transit of legitimate trade and travel. Participants will tour the new Canada Douglas port-of-entry in Surrey, BC (completed for the 2010 Winter Olympics), Pacific Highway Commercial port-of-entry, Peace Arch Park, and the new U.S. Blaine port-of-entry (completed summer 2010). Tour

participants are required to provide full name, date of birth, county of citizenship, passport number, and affiliation position by March 10.

Tuesday, April 12

3. Northwest Tribal Climate Change Initiatives
 Tuesday, April 12, 8:00am – 7:00pm
 Organizer/Leader: Zoltan Grossman, The Evergreen State College; TBD, Swinomish Climate Change Initiative
 Trip Capacity: 22
 Cost/person: \$107 (includes transportation, lunch, snacks, admission fees, handouts)

Tribal nations in the Pacific Northwest have already seen their cultures and economies threatened by climate change, including impacts on the salmon and other aquatic resources, increased flooding and glacial runoff, and damage to coastal communities. Northwest tribes have also been at the forefront of responding to the climate crisis, by drawing on traditional ecological knowledge, political sovereignty and a sense of community to enhance their historical resilience. This tour will go north of Seattle to visit the Swinomish Reservation near La Conner and the Tulalip Reservation near Marysville, which have carried out innovative research projects for the adaptation and mitigation of climate change effects. The Swinomish Climate Change Initiative has emerged as a model planning project in Indian Country, and Tulalip's Qualco Energy biogas facility generates renewable energy as it reduces cattle waste in salmon streams. Both of these projects are carried out in collaboration with neighboring non-Native communities, in the spirit of a larger commitment to treaty rights and natural resource co-management in Washington. For background links see <http://academic.evergreen.edu/g/grossmaz/climate.html>.

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4. Boeing Everett Assembly Plant Tour

Tuesday, April 12, 8:45am – 12:45pm

Organizer/Leader: John Bowen, Central Washington University

Trip Capacity: 23

Cost/person: \$47 (includes bus transportation, snack, and admission fees)

Boeing's Everett, Washington plant, the largest building in the world by volume, was erected in the 1960s to assemble the 747 "jumbo" and was later enlarged to accommodate the 767 and 777 lines. Together these jets comprise much of the world's long-haul fleet and have played a crucial role in globalization. The newest jet at the plant is the 787, the fastest-selling new jet in history. Field trip participants will view these aircraft being assembled and will learn about Boeing's history, its current operations, and its vision of the future of air transportation. See www.futureofflight.org/fof_Boeing.html for tour restrictions.

5. Snoqualmie Falls

Tuesday, April 12, 10:00am – 5:00pm

Organizer/Leader: Gregory Plumb, East Central University

Trip Capacity: 32

Cost/person: \$79 (includes transportation, lunch, snack, admission fees)

Learn about the cultural and natural history of waterfalls as you are driven toward the windward flank of the Cascade Range. Marvel at the 268-foot plunge of Snoqualmie Falls and how its gorge is utilized to generate hydroelectric power. After a scrumptious lunch at Salish Lodge, work off your calories with a 2 ½ mile round trip hike whose destination offers an exhilarating view of 135-foot Twin Falls from a cliff-side deck. Cost includes lunch, bottled water and trail bars, and an autographed copy of the 384-page *Waterfall Lover's Guide to the Pacific Northwest*.

Wednesday, April 13

10. Can You Smell the Fortune Cookie Factory? A Smell and Sound Walk in Seattle's International District and Chinatown

Wednesday, April 13, 8:00am – 11:00am

Organizer/Leader: Victoria Henshaw, The University of Sheffield; Joyce Pisnanont, Seattle Chinatown ID Preservation & Development Authority

Trip Capacity: 25

Cost/person: \$5

Seattle has many wonderful, distinctive city quarters but perhaps none of them features the variety of sensory stimuli as does that of its International District and Chinatown. This sensory walk, incorporating the Wing Luke Museum of the Asian/Pacific American Experience, Little Saigon, the Danny Woo Community Garden and Maynard Alley, to name but a few, will provide an opportunity to sample the sensory delights and challenges of some of the area's most distinctive locations, providing a depth of insight not to be sniffed at. Sensible footwear and clothing should be worn as this visit includes a significant amount of walking. Participants also have an option to eat a reasonably priced lunch in one of the restaurants in the District at the end of the tour (participation to be confirmed with the organizers at the start of the walk).

11. Edible and Medicinal Plants of Seattle Walking Tour

Wednesday, April 13, 1:00pm – 4:00pm

Organizer/Leader: Arthur Lee Jacobson, author of *Wild Plants of Greater Seattle*; Melissa Poe, Institute for Culture and Ecology

Trip Capacity: 12

Cost/person: \$22 (please bring \$4.50 exact change for bus fare, not included)

Nicknamed the "Emerald City," Seattle is known for its green urban forests owing to biophysical, political and spatial ecologies yielding a rich biological diversity. Among the many benefits associated with

this urban biodiversity are the over 400 edible and medicinal plants found within the city. Come join us on a guided Edible & Medicinal Plants Tour in one of Seattle's celebrated green spaces located within minutes from the conference. The field trip will be led by Seattle plant expert Arthur Lee Jacobson (author of *Wild Plants of Greater Seattle*) and Environmental Anthropologist Dr. Melissa Poe (Institute for Culture and Ecology). The focus will be on in-season edible and medicinal plants, providing a chance to walk in a nearby forested area, learn about various uses of plants in the city, and hear about current applied research and urban planning efforts pertaining to urban foraging. Bring: walking shoes, weather-appropriate clothing, water and snacks if needed, and \$4.50 for bus fare.

12. Seattle Aquarium and the Revitalization of the Waterfront

Wednesday, April 13, 2:00pm – 4:30pm

Organizer: Kathleen Braden, Seattle Pacific University

Leader: John Braden, Seattle Aquarium

Trip Capacity: 25

Cost/person: \$25 (includes entry fee, refreshments, donation to Seattle Aquarium Society)

This is a walking excursion to the Seattle Aquarium for a behind-the-scenes tour of the facility and presentation about its role in the economic revitalization of Seattle's central waterfront. Tour includes entry to the aquarium, refreshments hosted by the Aquarium Society, and guided walk along the neighboring piers, with discussion of the Alaskan Way Viaduct transportation proposal. Learn about the distinctives of the Seattle Aquarium: displays on marine life of the Pacific Northwest, emphasis on environmental education programs, and construction as a focal point for the renewal of the waterfront neighborhood. Tour will be led by the geographer who served as director of the aquarium through 2010. Wear comfortable shoes, and note that the return walk is up a fairly steep hill.

Thursday, April 14

6. The Crossing-Over Place: Indigenous Histories in/of Seattle

Thursday, April 14, 12:40pm – 3:40pm
 Organizer/Leader: Coll Thrush, University of British Columbia
 Trip Capacity: 25
 Cost/person: \$5

Every colonial city is built on Indigenous land, but few advertise it like Seattle. On this walking tour, historian Coll Thrush, author of *Native Seattle*, will lead us to well-known urban sites like Pioneer Square, the Waterfront, and the Pike Place Market to talk about the histories of local Indigenous communities such as the Duwamish, Native migrants to the city, and the use of Indian imagery in the urban landscape. From an Indigenous flounder fishery to Indian skid road and the uses and abuses of Chief Seattle, we'll talk about the ways in which Indigenous and urban history are mutually constitutive.

7. Seattle Downtown Walking Tour by Regional Development and Planning

Thursday, April 14, 1:30pm – 3:45pm
 Organizer/Leader: Jennifer Pomeroy, University of Maryland; Dennis Meier, Seattle Department of Planning and Development
 Trip Capacity: 25
 Cost/person: \$27 (includes water, snack, map, handouts)

This year's Regional Development and Planning Specialty Group signature walking tour features the past and present development highlights in Seattle's downtown core. With the cooperation of Seattle's Department of Planning and Development, the

tour will meander through the city's financial district to examine major commercial projects representing various generations of Seattle's innovative incentive zoning program, as well as new public facilities including the Seattle Public Library, light rail transit tunnel, Benaroya Symphony Hall, and the Seattle Art Museum. Skirting along the edges of the historic Pike Place Market and Belltown residential neighborhood, the group will travel through the downtown retail core and follow the new streetcar route along Westlake Avenue to



Seattle's developing waterfront will be the focus of field trip #12, on Wednesday, April 13.

the emerging Denny Triangle mixed-use neighborhood and South Lake Union development beyond. The walk through this area will pass major projects that include the new Federal Courthouse square, new mixed-use and residential towers, and the renovated Paramount Theater, returning the group to the convention center.

Friday, April 15

8. Seattle Rail Transit and Transit-Oriented Development

Friday, April 15, 8:00am – 5:00pm
 Organizer/Leader: Andy Goetz, University of Denver; Keith Ratner, Salem State University
 Trip Capacity: 49

Cost/person: TBD (cost for various methods of public transportation TBD)

This one-day field trip will feature the commuter and light rail transit system operated by Seattle's Sound Transit, the Seattle City Streetcar, several examples of transit-oriented development, and a trip on the ferry across Puget Sound to Bremerton. The field trip will start with an overview of the current and future rail transit system at the Sound Transit headquarters. We will ride the Sound Transit Link light rail to Rainier Valley to observe examples of transit-oriented development as a result of Sound Transit/City of Seattle/private sector collaboration. Then, we will walk two blocks and board Seattle City Streetcar to travel through the South Lake Union area with stops at key locations. After lunch at Fare Start on the streetcar route, we will visit the King Street Station area and adjacent Pioneer Square. Finally, we will ride the Washington State Ferries route to Bremerton, a 60-minute trip each way across Puget Sound, and visit new developments along the waterfront area. Please bring \$10-\$15 for lunch.

14. Chateau Ste. Michelle and Hollywood Schoolhouse Wine District

Friday, April 15, 9:00am – 5:00pm
 Organizer/Leader: Gregory V. Jones, Southern Oregon University
 Trip Capacity: 33
 Cost/person: \$70 (includes bus transportation, lunch)

Located in the beautiful Sammamish River Valley approximately 30 minutes northeast from downtown Seattle, the

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Woodinville Wine Country has become the home to more than 50 wineries. From the anchor of the state's largest producer, Chateau Ste. Michelle, to numerous small

boutique wineries, Woodinville is unique in that it may be the largest collection of wineries, in such a small region, so close to a major city anywhere in the world. This field trip will visit the beautiful Chateau Ste. Michelle winery, for a tour and lunch, and the historic Hollywood Schoolhouse district where one can visit over a dozen wineries.

9. Outer Limits and Beyond: The Impacts of Metro-Seattle's UGB on Rural Communities

Friday, April 15, 10:00am – 4:00pm
 Organizer: William J. Gribb, University of Wyoming
 Leader: Gary Hassler, City of Bothell, Washington
 Trip Capacity: 31
 Cost/person: \$47

The Seattle metropolitan area imposed an urban growth boundary (UGB) in the early 1990s. The purpose of the UGB was to assist in decreasing urban sprawl and limit the

expansion of metropolitan services into the ever-expanding suburbs and rural areas. The impacts to the rural communities surrounding metro-Seattle include increased housing pressures, differences in tax revenues and changes in land uses. This field trip is designed to visit sites within King County, WA that represent the communities on the rural side of the urban growth boundary. Communities at the north and eastern edges of the UGB will be visited and local citizens will provide their insight into the UGB impacts.

Saturday, April 16

13. The Queen City Comes Out: Historical Geographies of Lesbian and Gay Seattle

Saturday, April 16, 9:00am – 12:00 noon
 Organizers/Leaders: Michael Brown, University of Washington, Seattle; Larry Knopp, University of Washington, Tacoma
 Trip Capacity: 25
 Cost/person: Free ■



CREDIT: ISTOCK

A one-day field trip will feature Seattle-area mass transit.

AAG Workshops at the Annual Meeting

Participating in AAG workshops is a great way to connect with colleagues at the Annual Meeting, providing you with the opportunity to meet others with shared interests. A list of available workshops appears on the facing page. More are being added. To

see the latest updates, including a description of each workshop, visit www.aag.org/annualmeeting. Those persons already registered for the Annual Meeting may add a workshop at any time by using the form at right or by accessing the form online.

AAG Annual Meeting Awards Luncheon Form
Seattle — Saturday, April 16, 2011
1:50 pm - 4:00 pm

Single Ticket	Qty	Table for 10	Qty
\$55.00	_____	\$495.00	_____

Name: _____

Organization: _____

Total Amount: \$ _____

Payment Method: Check or money order (payable to the Association of American Geographers)

Visa or MasterCard Number: _____ Exp. Date: _____

Signature: _____

Mail or fax your order to: Association of American Geographers, 1710 16th Street NW, Washington, D.C., 20009-3198.
 Fax: 202-234-2744.

AAG 2011 ANNUAL MEETING REGISTRATION FORM (www.aag.org)

Everyone who attends the AAG Annual Meeting must register. **You may use this form if you do not wish to register online, or if you wish to add events but have already registered for the meeting.** Space is limited for all events, field trips, and workshops. AAG reserves the right to cancel any event with insufficient enrollment. All fees are payable in US dollars, by check, money order, Visa, or MasterCard. All cancellation requests must be made in writing to meeting@aag.org by the stated deadlines. Cancellation requests received by January 10, 2011 will incur a 25% cancellation fee. Requests received by February 28, 2011 will incur a 50% cancellation fee. Requests received by March 28, 2011 will incur a 75% cancellation fee. Requests received after March 28, 2011 cannot be processed.

FIRST _____ M.I. _____ LAST _____

AFFILIATION _____

ADDRESS _____

CITY _____ STATE _____ POSTAL CODE _____ COUNTRY _____

E-MAIL ADDRESS _____

DAYTIME PHONE () _____

*NAME OF COMPANION/SPOUSE who is registering (please indicate if field trip is for companion/spouse) _____

[If you are a "companion/spouse" of a registered attendee, you MUST be registered for the meeting in order to register for a field trip.]

Do you have any disabilities or special needs? Please explain: _____

I. REGISTRATION FEES

Check here if you have already registered for the meeting.
 *Those registering under the companion/spouse category may *not* present a paper or participate as a panelist or session organizer, and must submit a paper form via fax or mail (not online).

	<u>Before 3/9</u>	<u>After 3/9</u>	
Regular Member	\$265	\$315	\$ _____
Student Member / Retired Member	\$145	\$185	\$ _____
Non-Member	\$390	\$435	\$ _____
Non-Member Student	\$215	\$235	\$ _____
Companion / Spouse*	\$90	\$140	\$ _____
One day registration	\$215	\$235	\$ _____
TOTAL REGISTRATION FEES			\$ _____

II. FIELD TRIPS

Please check back frequently for new field trips. Full descriptions are available at www.aag.org. You must be registered for the meeting to attend a field trip.

	<u>Quantity</u>	<u>Price</u>
1. Vancouver & Whistler 4/9-4/11	____@	\$450.00 \$ _____
2. Canada-US Border (Security) Tour 4/11	____@	\$65.00 \$ _____
3. Northwest Tribal Climate Change 4/12	____@	\$107.00 \$ _____
4. Boeing Everett Assembly Plant Tour 4/12	____@	\$47.00 \$ _____
5. Snoqualmie Falls 4/12	____@	\$79.00 \$ _____
10. Can You Smell the Fortune Cookie 4/13	____@	\$5.00 \$ _____
11. Edible and Medicinal Plants 4/13	____@	\$22.00 \$ _____
12. Seattle Aquarium 4/13	____@	\$25.00 \$ _____
7. The Crossing-Over Place 4/14	____@	\$5.00 \$ _____
6. Seattle Downtown Walking Tour 4/14	____@	\$27.00 \$ _____
14. Chateau Ste. Michelle Wine 4/15	____@	\$70.00 \$ _____
9. Outer Limits and Beyond 4/15	____@	\$47.00 \$ _____
TOTAL FEES FOR FIELD TRIPS		\$ _____

III. SPECIAL EVENTS / BOOKS

	<u>Quantity</u>	<u>Price</u>
Awards Luncheon - individual ticket	____@	\$55.00 \$ _____
Awards Luncheon Table - 10 tickets	____@	\$495.00 \$ _____
TOTAL FEES FOR SPECIAL EVENTS / BOOKS		\$ _____

IV. WORKSHOPS

Please check back frequently for new workshops. Full descriptions are available at www.aag.org. You must be registered for the meeting to attend a workshop.

	<u>Quantity</u>	<u>Price</u>
1. Law and the GeoWeb 4/11	____@	\$0.00 FREE
16. Web GIS: Past, Present, Future 4/12	____@	\$0.00 FREE
2. Undergraduate Research Program 4/12	____@	\$21.00 \$ _____
4. Hands On GIS Mapping with GPS 4/13	____@	\$10.00 \$ _____
5. Spatial Pattern Analysis with ArcGIS 4/13	____@	\$0.00 FREE
6. Regression Analysis... with ArcGIS 4/13	____@	\$0.00 FREE
7. Soil Water Content Measurement 4/14	____@	\$0.00 FREE
8. Measurement Methods Plants & Canopies 4/14	____@	\$0.00 FREE
9. Using Google Earth 4/14	____@	\$17.00 \$ _____
17. Wine Tasting of Washington Wines 4/14	____@	\$35.00 \$ _____
10. Textbook to the Real World 4/15	____@	\$17.00 \$ _____
11. Writing Proposals for NSF 4/15	____@	\$0.00 FREE
12. Writing Doctoral Dissertation Proposals 4/15	____@	\$0.00 FREE
13. Writing Career Proposals for NSF 4/15	____@	\$0.00 FREE
14. Writing Proposals for NSF 4/15	____@	\$0.00 FREE
15. Land Change Modeling 4/16	____@	\$43.00 \$ _____
TOTAL FEES FOR WORKSHOPS		\$ _____

V. ABSTRACT BOOKS / CDs

Abstracts are available online to all registrants at no charge. If you also wish to purchase a printed abstract book or an abstract CD, sign up here.

	<u>Quantity</u>	<u>Price</u>
2011 Meeting Abstract CD	____@	\$25 \$ _____
TOTAL FEES FOR ABSTRACT BOOKS/ CDs		\$ _____

IV. SUMMARY / PAYMENT

Registration Fees	\$ _____
Field Trips	\$ _____
Special Events / Books	\$ _____
Workshops	\$ _____
Abstract Books / CDs	\$ _____
GRAND TOTAL (U.S. Dollars Only)	\$ _____

Check for \$ _____ attached (Payable to AAG)
 Please charge \$ _____ to my VISA/MC (Sony, no AmEx or Discover)

Card # _____

Exp. Date: ____ / ____ Signature _____

Please register online at www.aag.org
 or return this completed form along with payment to:
AAG 2011 Annual Meeting Registration
 1710 16th Street, NW
 Washington, DC 20009
 Fax (202) 234-2744
 Questions? (202) 234-1450 or www.aag.org

Award Deadlines

2011

FEBRUARY

1. Society of Women Geographers, Pruitt National Fellowship for Dissertation Research. <http://www.iswg.org/fellowships>.
10. Newberry Library short-term Fellowships in the Humanities. www.newberry.org/research/felshp/fellowshome.html.
15. David E. Sopher New Scholars Award. www.gorabs.org.
15. NSF Doctoral Dissertation Research Improvement Grants, full proposal deadline. www.nsf.gov.

MARCH

15. Scholar-in-Residence and Affiliated Visiting Scholars Programs, Beatrice Bain Research Group, UC Berkeley. <http://bbrg.berkeley.edu/scholarprog.html>.

APRIL

1. Davis-Putter Scholarships for student activists. www.davisputter.org.

MAY

15. Society of Women Geographers, Pruitt National Minority Fellowship. www.iswg.org/fellowships.
15. Essay Contest, Society for the History of Discoveries (postmarked). www.sochistdisc.org.

JUNE

1. Walter W. Ristow Prize in the History of Cartography. Washington Map Society. www.washmap.org.
30. AAG Honors. www.aag.org.

AUGUST

24. NSF Research Experiences for Undergraduates. www.nsf.gov/crssprgm/reu/reu_contacts.jsp.

AAG Grants and Awards

The AAG offers numerous opportunities through its many grants and awards programs. See www.aag.org for details.

NSF Grants and Competitions

Information about NSF grants and awards is available at www.nsf.gov.

MOVING? HAVE YOU RECENTLY MOVED?

To update your address or contact info, visit the AAG website (www.aag.org) or fax this entire page to 202-234-2744 or mail to the AAG Office.

Name _____
 Affiliation _____
 Address _____

 Home Office
 City _____
 State _____ Zip _____
 Telephone _____
 Fax _____
 Email _____

AAG ADVANCING GEOGRAPHY FUND

I (we) pledge to contribute _____ to the Association of American Geographers as part of the Advancing Geography Campaign.

Giving levels include:

- | | |
|---|-------------------|
| <input type="checkbox"/> \$500 to \$999 | Scholars Circle |
| <input type="checkbox"/> \$1,000 to \$4,999 | Millennium Circle |
| <input type="checkbox"/> \$5,000 to \$9,999 | Century Circle |
| <input type="checkbox"/> \$10,000 to \$24,999 | Explorers Circle |
| <input type="checkbox"/> \$25,000 and above | Leadership Circle |

This gift will be made as follows:

Total amount enclosed: \$ _____

Plus annual payments of: \$ _____

If you intend to fulfill your pledge through a gift other than cash, check, or marketable securities, please check:

- credit card bequest other

Credit Card: Visa MasterCard

Account Number _____

Name on Card _____

Expiration Date _____

Signature _____

- My (our) gift will be matched by my employer

I would like my gift to go toward:

- Endowment for Geography's Future
 Developing Regions Membership Fund
 AAG Student Travel Fund
 Mel Marcus Fund for Physical Geography
 AAG International Education Fund
 Marble Fund for Geographic Science
 AAG Public Policy Initiatives
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 AAG Haiti Recovery and Reconstruction Fund
 Area of Greatest Need
 Other _____

Name _____

Address _____

Phone _____

Date _____

Please send this pledge form to:

AAG Advancing Geography Fund
 1710 Sixteenth St. NW, Washington, DC 20009

The Death of the Canadian Census: a Call to Arms¹

The census, understood not as a mere headcount but as a source of detailed information on key measurable aspects of society, seems to be on its way out. In June 2010 the Canadian government abolished, without consultation, the mandatory census long form: the only reason given was privacy invasion. In July 2010 the British government announced that the 2021 census would probably be axed, to be replaced by cheaper, more up-to-date and less invasive administrative and private data. In the United States, though the census survives for now, costs are soaring, response rates are declining, and editorials in *Nature* (Fienberg & Prewitt, August 26, 2010) and *Science* (Kean, October 15, 2010) suggest that the U.S. Census may go the way of the British one.

"So what?" some may ask. There is a feeling that the cutting edge of social science, geography in particular, is to be found in considerations of culture, critical theory, and radical critique: numbers are often portrayed as rather boring and technical, useful as background to these more fundamental pursuits, but not of much intellectual relevance. Thus, if the census disappears it is no big deal. Information can be gathered by other means (web crawlers, cell-phone records, administrative data, etc.), and if the state does not possess a record of society's evolution, this is the state's problem, not ours.

It is possible, however, that the census's role has been misunderstood, particularly in the more critical social sciences, because its existence for the last 200 years, and its overall reliability for the last 70 or so, have been taken for granted. As Anderson (*Imagined Communities*, 2nd edi-

tion, 2006) points out, our societies are imaginary: this does not mean that they do not exist, but rather that their existence and the form they take is built, over time, through storytelling. The census, from this perspective, is a key element of each community's story, providing an agreed upon narrative of the past, a basic description of the present, and the capacity to project into the future. It enables each citizen to imagine groups, be they regional, ethnic or social, well beyond his/her immediate perception. Methodologies and census concepts, which have evolved through debate and discussion over the last 200 years, and which continue to evolve in this fashion, provide a vocabulary and an etymology that lend weight and meaning to census statistics, weight and meaning absent from other numbers.

It has also been emphasised in some recent papers by geographers (e.g. Kwan & Schwanen, eds., *Environment & Planning A*, 60.3 and 60.4, 2009) that critical and radical geographies themselves often rely on census (or on other similarly institutionalized) data: critiques that emphasise gender or racial discrimination, unequal distributions of income or the dominance of some hegemon, usually begin by marshalling authoritative statistical evidence (directly, or, more often, implicitly). And what evidence is more authoritative, because of the slow cultural construction of its meaning, than census data? These data are not absolute measures of "reality." However, they form a consensual vocabulary which all can use to think and speak intelligibly about society, and they therefore—to some extent—construct society itself.

Each census provides the occasion for alterations in underlying concepts and methods: the census is not immutable. But these changes are performed in such a way that some continuity is afforded, enabling the nation, and its constituent groups, to have some idea of where they are situated in the abstract realms of time and space: only stories—such as the census—can make these groups become imaginable communities.

This comment is in some measure a call to arms, a call for the defence of the census. Whilst many good arguments have been put forward in Canada relating to the policy importance of accurate census data, these do not really grapple with what a census is or why it is necessary. So far our governments seem to see the census merely as an expense, as a problematic source of data (problematic because it can be used as a check on ideology), or as a set of numbers just like credit ratings. Either they do not view the census as an institution, a building block of our collective imaginary, or, if they do, they are uncomfortable with the critical perspectives that such an institution permits. Of course, anarchists and others who are critical of the state may see the arguments developed above as being good reasons to get rid of the census. So be it. The irony is that by killing the census our governments are playing an anarchist's game. ■

Richard Shearmur
INRS Urbanisation Culture Société
Université du Québec

¹For more detailed discussion of the point of view developed in this comment, see: Shearmur, R., 2010, *A World Without Data? The Unintended Consequences of Fashion in Geography*, *Urban Geography*, 31.8, 1009-1017.

Specialty Group News

Ethnic Geography SG

The Ethnic Geography Specialty Group (EGSG) invites submissions for its 2011 Student Paper Competition. The winner will receive a \$250 prize, a certificate, a ticket to the AAG awards luncheon, and

formal recognition in the *AAG Newsletter*. Papers must be based on original research completed as an undergraduate or graduate student and must adhere to the established guidelines. Submissions should be emailed as a Word or PDF document to Dr. Susan

Hume at shume@siue.edu no later than **March 27, 2011**, for consideration. For judging criteria and complete submission guidelines, please visit the EGSG's website: www.uwec.edu/geography/ethnic/student_research.htm. ■

American Indian Studies Fellowship Yale University, 2011-2012

The Yale Graduate School of Arts and Sciences in conjunction with the Howard R. Lamar Center for the Study of Frontiers and Borders invite applications for the 2011 Henry Roe Cloud Dissertation Writing Fellowship in American Indian and Indigenous Studies. The Roe Cloud Fellowship is intended to develop American Indian Studies at Yale and by extension throughout the academy by facilitating the completion of the doctorate by scholars working on pressing issues related to the American Indian experience. Scholars working on topics in Indigenous Studies that relate to the study of North American Indians are also encouraged to apply.

The Henry Roe Cloud Fellowship honors the legacy of Henry Roe Cloud, a member of the Winnebago Nation of Nebraska and graduate of Yale College, 1910. A tireless critic of federal Indian assimilation programs and a proponent of increased educational opportunities for American Indians, Roe Cloud transformed American Indian higher education through his leadership of the Society of American Indians, his founding of the American Indian Institute, and as co-author of "The Problem of Indian Administration," commonly known as "The Meriam Report," an extensive survey made at the request of

Secretary of the Interior that detailed the appalling failures of federal Indian policy in the early twentieth century. This survey, presented to Congress in 1928, helped to set in motion many of the subsequent reforms of the Indian New Deal.

The Fellowship will support a graduate scholar in any doctoral field for the academic year, beginning August 1, 2011 and ending July 31, 2012. Graduate students working towards careers in higher education who have completed all doctoral requirements but the dissertation are invited to apply.

The Roe Cloud Fellowship will provide support comparable to that for Yale University graduate students, including an annual stipend of \$26,000, full access to Yale facilities and services, and health care coverage. The fellow will have office space in the Lamar Center and access to Yale's exceptional research libraries.

The Roe Cloud Fellow will also have the opportunity to participate in the activities of the Howard R. Lamar Center for the Study of Frontiers and Borders, the Native American Cultural Center, and the Yale Group for the Study of Native America (YGSNA).

Each fellow will be mentored by a professor in Yale's Faculty of Arts and Sciences. The fellow will be responsible for making

a formal presentation of the project near the conclusion of the academic year, an event open to all interested members of the campus community.

Apply

Applications must include a c.v., the dissertation prospectus, a writing sample of approximately 25 pages, and a letter describing plans to complete the dissertation during the fellowship period, as well as three letters of recommendation, sent under separate cover, including one from the candidate's dissertation advisor.

The application deadline is **March 4, 2011**. More information, including the full call for applications, is available by writing to: RoeCloud.Fellowship@yale.edu or by visiting www.yale.edu/lamarcenter/fellowships.html.

All materials must be sent to:

Henry Roe Cloud Fellowship
Committee
Howard R. Lamar Center for the
Study of Frontiers and Borders
Yale University
PO Box 208201
New Haven, CT 06520-8201 ■

Call for Nominations: AAG Honors and Nominating Committees

The AAG Council seeks nominations for candidates to serve on the AAG Honors Committee and the AAG Nominating Committee. The Council will prepare the final slate of candidates for both committees from the nominations received, and committee members will be elected by a vote of the AAG membership.

Nominations for the **Honors Committee** may include persons (i) from the membership at large and (ii) from those members who have previously received AAG Honors (a list of previous honorees can be found in the *AAG Guide to Geography*

Programs in the Americas and online at www.aag.org/grantsawards/aag_honors.cfm). Honors Committee members serve for two years and are responsible for making recommendations of awardees for various AAG Honors for Council consideration. **Nominating Committee** members serve for one year. The committee recommends to the Council the slate of candidates for the AAG Vice President, President, and National Councillor elections.

If you wish to nominate yourself or other qualified individuals for service on these committees, please contact AAG Secretary

Lisa Harrington by **June 30, 2011**. Nominations should include the contact information of the nominee, a brief biosketch, and indication that the nominee is willing to be placed on the slate of candidates for election by the AAG membership.

Please send nominations by email to lbutterh@ksu.edu (preferred) or by mail to: Lisa M.B. Harrington, AAG Secretary, Kansas State University, Department of Geography, 118 Seaton Hall, Manhattan, KS 66506-2904. ■

Charles F. Gritzner

Australian publisher Millennium House recently made its significant compendium of knowledge about the geography of the world's oceans available in the U.S. in late 2010, with Charles F. Gritzner listed on the cover as the chief consultant. What is noteworthy is that the chief consultant for *Maritimea: Above and Beneath the Waves* has spent the greater part of his career at landlocked South Dakota State University, about as far from any ocean as you can get in North America. Is there an explanation for how Charles F. "Fritz" Gritzner ended up editing a book about the sea?

Gritzner told the *AAG Newsletter*, "It may seem a bit odd, but it's not as mysterious as it sounds. Since 2001, I have served as Senior Editor for several Chelsea House Publishers series and have a group of some 30 geographer/writers upon whom I can call to author various books or, in this case, parts of books. I served as Chief Consultant to the Earth atlas (*Earth: the World Atlas*), a project to which many of the Chelsea House writers contributed. When *Maritimea* was conceived, I again volunteered to recommend a number of writers. For both projects, I assisted in developing the list and sequence of subjects, recommended many of the authors, and contributed extensively to text writing, including introductions, for both volumes."

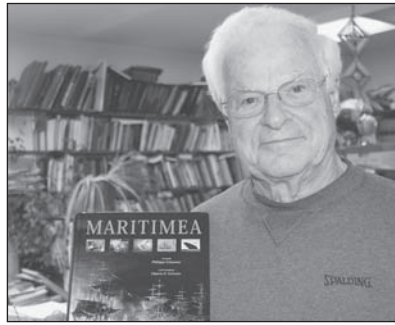
Although Gritzner is a cultural geographer he has a very broad background, having taught more than 70 different courses throughout his career.

"Interestingly enough," Gritzner told us, "one course that I never taught is oceanography. But the study of the oceans is obviously key if you are passionate about studying anything involved with the Earth."

Gritzner has authored and coauthored 35 books in his career, but his writing is only one of the ways he promotes the study of geography. He retired in 2010 after 50 years of college teaching, but he remains active as coordinator of

the South Dakota Geographic Alliance and the South Dakota Geographic Bee, one of the state contests leading to the national event held in Washington, DC each May. Gritzner credits the National Geographic Bee, sponsored annually since 1989 by the National Geographic Society, with restoring some focus on geography for students in the fourth through eighth grades in participating American schools.

Gritzner received his doctorate from Louisiana State University in 1969. He has been the recipient of many honors and awards throughout his career, including the *Distinguished Teaching Achievement Award* and the *George J. Miller Award for Distinguished Service from the National Council for Geographic Education*, the *Excellence in Teaching Award* from South Dakota State University, the *Fred B. Kniffen Book Award* of the Pioneer America Society, and *Gilbert M. Grosvenor Honors for Geographic Education* as well as *Distinguished Teaching Honors* from the Association of American Geographers.



Gritzner

Melinda D. Daniels

When engineers restore rivers, one Kansas State geographer hopes they'll keep a smaller engineer in mind: the North American beaver. Beavers are often called ecosystem engineers because they can radically alter stream or valley bottom ecosystems, says Melinda Daniels, an associate professor who is studying the connection between beavers and river restoration. Beaver dams create diverse river landscapes, she said, and can turn a single-thread channel stream into a meadow, pond, or multichannel, free-flowing stream.

"Our argument is that the restoration target for streams with forested riparian zones has got to acknowledge the diversity brought to river systems by active beaver populations," Daniels told the *AAG Newsletter*.

Daniels and three researchers from the University of Connecticut recently co-authored "The River Discontinuum: Applying Beaver Modifications to Baseline Conditions for Restoration of Forested Headwaters." The article, led by Daniels' PhD student, Denise Burchsted, appears in a recent issue of *BioScience*, the journal of the American Institute of Biological Sciences.

While her research involves observations of several watersheds in northeastern Connecticut, the results are applicable to any forested stream, which typically would have had large beaver populations. Beaver populations have rebounded in recent years, Daniels said, after the fur trade came close to driving them into extinction in the early 19th century.

The ultimate goal of the research, said Daniels, is to help restore rivers in an efficient way that acknowledges ecosystem diversity and doesn't destroy it.

Current restoration projects often don't consider the role of beavers as ecosystem engineers, and instead focus on creating continuous free-flowing streams, Daniels said. Such restoration can be expensive because it usually involves completely tearing down small 19th century milldams and re-engineering an entire valley bottom. Beavers, however, patch the gaps and partially recreate the ecosystem that previously existed.

The researchers plan to continue river observations and collect more data to



Daniels

provide river restorers with insight for maintaining river ecosystem diversity. "You can use these natural analogs to produce a functional ecosystem geography that looks a lot more like the one that was there before the colonists arrived," Daniels said. "By adaptively restoring dammed reaches through notching, lowering, or partially removing

dams, we can restore rivers in a way that mimics the natural diversity of beaver streams, and we can save a lot of money in the process."

Daniels received her PhD in Geography from the University of Illinois, Urbana-Champaign. ■

- Alcántara-Ayala, Irasema & Goudie, Andrew, eds. *Geomorphological Hazards and Disaster Prevention*. New York: Cambridge University Press, 2010. 291 and 11 pp., \$78.00, ISBN 978-0-521-76925-9.
- Bakker, Karen. *Privatizing Water: Governance Failure and the World's Urban Water Crisis*. Ithaca, NY: Cornell University Press, 2010. 303 and 16 pp., \$24.95, ISBN 978-0-8014-7464-4.
- Barracough, Laura R. *Making the San Fernando Valley: Rural Landscapes, Urban Development, and White Privilege*. Athens: University of Georgia Press, 2011. 319 and 12 pp., \$24.95, ISBN 978-0-8203-3680-0.
- Bodenhamer, David J. et al., eds. *The Spatial Humanities: GIS and the Future of Humanities Scholarship*. Bloomington: Indiana University Press, 2010. 203 and 15 pp., \$24.95, ISBN 978-0-253-22217-6.
- Börner, Katy, compiler. *Atlas of Science: Visualizing What We Know*. Cambridge: MIT Press, 2010. 254 and 11 pp., \$29.95, ISBN 978-0-262-01445-8.
- Brace, Catherine & Johns-Putra, Adeline, eds. *Process: Landscape and Text*. Amsterdam: Rodopi, 2010. 362 and 17 pp., 72.00, ISBN 978-90-420-3075-6.
- Braun, Bruce & Whatmore, Sarah J., eds. *Political Matter: Technoscience, Democracy, and Public Life*. Minneapolis: University of Minnesota Press, 2010. 319 and 40 pp., \$25.00, ISBN 978-0-8166-7089-5.
- Brown, Wendy. *Walled States, Waning Sovereignty*. New York: Zone Books, 2010. 167 pp., \$25.95, ISBN 978-1-935408-08-6.
- Carmody, Padraig. *Globalization in Africa: Recolonization or Renaissance?* Boulder, CO: Lynne Rienner, 2010. 196 and 14 pp., \$55.00, ISBN 978-1-58826-740-5.
- Clavel, Pierre. *Activists in City Hall: The Progressive Response to the Reagan Era in Boston and Chicago*. Ithaca, NY: Cornell University Press, 2010. 232 and 20 pp., \$65.00, ISBN 978-0-8014-7655-6.
- Coe, Neil M. & Jones, Andrew. *The Economic Geography of the UK*. London, SAGE Publications Ltd, 2010. 280 pp, n.p., ISBN 978-1-84920-090-5.
- Colburn, David & de Haven-Smith, Lance, eds. *Florida's Megatrends: Critical Issues in Florida*. Gainesville: University Press of Florida, 2nd revised ed., 2010. 176 and 8 pp., \$22.50, ISBN 978-0-8130-3519-2.
- Crush, Jonathan & Tevera, Daniel, eds. *Zimbabwe's Exodus: Crisis, Migration, Survival*. Kingston, Ontario: Queen's University, South African Research Centre, 2010. 416 and 14 pp., \$30.00, ISBN 978-1-920409-22-7.
- Delaney, David. *The Spatial, the Legal, and the Pragmatics of World-Making: Nomospheric Investigations*. London and New York: Routledge, 2010. 209 and 8 pp., n.p., ISBN 978-0-415-46319-5.
- Deskins, Donald R., Jr., Walton, Hanes, Jr., and Puckett, Sherman C. *Presidential Elections, 1789-2008: County, State, and National Mapping of Election Data*. Ann Arbor: University of Michigan Press, 2010. 600 and 12 pp., \$150.00, ISBN 978-0-472-11697-3.
- Efrat, Elisha. *Disputed Land: a Geopolitical Perspective on the Israel-Palestine Conflict*. Jerusalem: ABC Publisher, 2010. 310 pp.
- Fainstein, Susan S. *The Just City*. Ithaca, NY: Cornell University Press, 2010. 212 and 11 pp., \$29.95, ISBN 978-0-8014-4655-9.
- Fleming, James R. *Fixing the Sky: The Checkered History of Weather and Climate Control*. New York: Columbia University Press, 2010. 325 and 14 pp., \$27.95, ISBN 978-0-231-14412-4.
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The AAG welcomes the following new members.

Jesse Abrams	Patrick Barrineau	Samantha Brennan	Yimin Chen	Travis Cowles
Erica Adams	Alassane Barro	Jeffrey Brewer	Yixin Chen	Mark Crawford
Kristin Adams	Jackson C. Bartlett	Amy Brickheimer	Zhuo Chen	Cindy Crawley
Lee Adams	Andrew Barton	Gabriela Brindis	Zhuo Chen	Suley Cruz
Tyler Adams	Frederick Bauer	Kath Browne	Wendy Cheng	Lacey Cunningham
Patrick Adler	Rachel Beaty	Andy Bruno	Cristian Ches	Michael A. Cunnion, III
Keri Agriesti	Jessica Beckett	John Phillip Buarotti	James Cheshire	Amy Curran
Efose Ajai-Sjagbe	Chantal Begley	Megan Buchanan	Agnes Chew	Lorna Curran
Wendy Ake	Wang Bei	Holly Buck	Yao-Yi Chiang	Katharine Currier
Kelly Alexander	Michael Beland	Stephanie Buechler	Brett R. Chloupek	Dylan Cyr
Paul Alexander	Alexander Belensz	Charlotte Buehler	Joongkoo Cho	Maria D'Orazio
Khaula Alkaabi	Karen Bell	Bonar Buffam	Young Rae Choi	Xiangyi Dai
Ahmed Allahwala	Jonathan Belmaker	Kristopher Buihner	Julia Christensen	Kevin Daley
Siree Allers	Tara Benge	Thor Burbach	Blake Christenson	Dustin Dally
Eddy Francisco Alvarez	Catrin Bennett	Kim Burnett	Brett Christophers	Yunxiao Dang
Anne-Laure Amilhat	Nathan Bennett	William Burnside	Elizabeth Ciesla	Martin Danyluk
Szary	Sarah Bennett	Nathan Burtch	Kristina Cimaroli	Ian Darke
Samuel Andelman	Gigi Berardi	Greg Burton	Adam Cinderich	Andrew Davey
Emily K. Anderson	Katie Berchak	Danielle Butsick	Herbert Claire	Elsa Davidson
John Anderson	Nicolas Bergmann	Eric Butvidas	Karenjit Clare	Angelyn Davis
Mark Anderson	Asha Best	Tim Byars	Catherine Clark	Aryn Davis
Ida Andersson	Neil A. Best	Megan Byrne	Jonathan L. Clark	Ellen Davis
Elizabeth Esekong	Amit Bhattarai	Siyu Cai	M. Graham Clark	Michelle Davis
Andrew-Essien	Mir Bilal	Yongming Cai	William Clark	Shay Davis
Erica C. Antill	Katie Bills	Alejandro Camargo	Jim Cocola	Catherine Day
Susan Aragon	Christopher Binder	Hugh Campbell	Chris Coffey	Kirsten De Beurs
Naomi Arcand	Adam Bledsoe	Amanda Caneff	Susan Coleman	Corin De Freitas
Ivan Arenas	Chad Blevins	Charlotte Cansick	April Colette	Kristen De Graauw
Eric Armijo	Mac Blewer	Guangzhong Cao	Brian D. Collins	Lourdes De Ita
Ryan Arnott	Christopher M. Blinn	Liz Carlisle	Erin Collins	Hannah Deakin
Mona Arora	Matthew Bloom	Kelsey Carlson	Corrie Colvin	Christy Debusk
Kevin Ash	Mathew Boehm	Kimberly M. Carlson	Zoia Comarova	Kristine DeLong
Eric Ashcroft	Jenny B. Bogios	Stephen Carmody	Brandon Combs	Lillian Denhardt
Neslihan Atatimur	Zoe Bonak	Alexander Carnes	Ian Comstock	Emily Denlinger
Mennenga Audrey	Nicolas Bonnet-Gravois	Jessica E. Carriere	Neil Conner	Tyler Depke
Bradley Austin	Kayje Booker	Bridín Carroll	John Connors	Kate Derickson
Jeffrey J. Axisa	Rachel Boothby	Amanda Casares	Brittany Cook	Justin Deroose
Forood Azari Dehkordi	Peter Bordokoff	Angeles Casas	Steve Cook	Daniel Deudney
Megan Babb	Katherine Borrasca	Scarlet Casey	Patrick Copeland	Cheryl Deutsch
Ravi Baghel	Patrick Bourgeron	Eldin Castellanos	Kelsey Copes-Gerbitz	Stephanie Devenny
Laura Bailey	Joseph Bowser	Alan Castner	Silvia Cordero-Sancho	Jennifer Ann Devine
Elizabeth Baird	Alison Boyer	Williams M. Castro	Myriah Cornwell	Emma DeVries
Bakama Bakamanume	Loderay I.M. Bracero	Philip Cavin	Katie Costigan	Heather Dewalt
John Baker	Marrero	Kimberly Chacon	Nicole-Marie Cotton	Jacqueline Dewar
Joshua Baldwin	Katharine Bradley	Jiaxun Chai	N. C. Christopher	Andrew Dewitt
William M. Baldwin	Lawrence Bradley	Jules Channer	Couch	Kathryn Dickerson
Teo Ballve	Travis Bradshaw	Connie Chapman	Bethany Coulthard	Alyson Diller
Karen Banks	Dylan Brady	Austin Charron	Carroll Courtenay	Whalen Dillon
Andrew Banuelos	Glenn Brauen	Emily Cheadle	Chris Courtheyn	Lora Dixon
Jie Bao	Proinnsias Breathnach	Li Chen	Judith Andrea Courtney	Mark S. Dondero
Abigail Barnes	Ben Breen	Li Chen	Susan Coutin	Hongwei Dong
Georgina H. Barrett	John Brennan	Yi Chen	Alicia Cowart	Rhonda Donovan

The AAG welcomes the following new members.

Monica Dorning	Luise Fischer	Alvin Goesser	Shana Harrington	Meng-Chi Hsueh
Gordon Douglas	Jessica Fitterer	Jillian Goforth	Douglas Harris	Lingqian Hu
Regan Doyle	Tricia Flaherty	Weishu Gong	Jeffrey Harris	Wei Huang
Georgina Drew	Steven Fleming	Yue Ray Gong	Frances Harrison	George Hubert
Beth A. Duffy	Robert Fletcher	Ariana C. Gonzales	S M Rafael Harun	Stephanie Hudson
Amelia Duffy-Tumas	Jonathan Flood	Leandro Gonzalez	Jill Harvey	Sigrid Huenchunir
Meredith Duke	Aron Flynn	Brendon Goodmurphy	Fadia Hasan	Sara Hughes
Michael Dunaway	Christine Folch	Lissy Goralnik	David Hater	David Hugill
Christopher Dunbar	Charley Follett	Lillian Gordon-Koven	Sally Hawkins	Fu-Feng Hung
Laura Duncanson	Kari Forbes-Boyte	Seth Gorelik	Zachary Hawkins	Winnie Hung
Gabrielle Duri	Lauren Fossile	Elizabeth Goss	Benjamin Kent	Miles Hunsinger
Matt Dyce	Geoffrey Fouad	Andreea Greavu	Haywood	Sarah Hunt
Jane Dyson	Janet Franklin	Alicia Green	Stephanie Heald	Shuyan Huo
Jordan Eamer	Lauren Franklin	Gregory Greene	Derek Heathfield	Chris Hurl
Syma A. Ebbin	Hans Friedel	Bryan Grimwood	Brielle Heflin	Jason Hurst
Jane Ebeniro	Michael Friedman	Kristi Grisakov	Jackie Hellen	Chulsue Hwang
Benjamin Ebertz	W. Terry Frueh	Kevin E. Grisham	Harrison M. Heller	Ioan Ianos
Klaus Edenhoffer	Gregory K. Fryer	Walter Groover	Blake Helm	Alastair Iles
Linda Edwards	Xiao Fu	Stephane Gros	Kathryne A. Henderson	Shoko Imai
Sophie Edwards	Jen Fuller	Cyrene Grover	Ray Hennings	Chris Incardona
Theresa Ellis	Jason Funk	Rebecca Grover	Caitlin Henry	Stephanie Insinna
Jeff Eloff	Edward Gage	Bartosz Grudzinski	Travis Henschen	Carissa Jackson
John Elrick	Matt Gagnon	Alex Guerra Noriega	Christine Hentschel	A James
Rosie Emery	Mitchell Gaines	Zhipeng Gui	Matthew Hepler	Sandeep Jani
Ann Epperson	Lindsay Galbraith	Elaine Guidero	Kerstin Hermes	Nik Janos
Sami Eria	Annemarie Galeucia	Malu Guillen	Gretchen Hernandez	Krzysztof Janowicz
Daniel Erickson	Patrick Gallagher	Meng Guo	Jesus Hernandez	Dennis Jarrard
Elina Eskelä	Mari Galup	Xiaorong Guo	William Herring III	McKendree Jay
Melissa Espinoza	Sonal Gangawala	Zhang Guoliang	Nina Hewitt	Craig Jeffrey
Neenah Estrella-Luna	Amir Ganjavie	Andrew Gutierrez	Kelly Hibbeler	Meghan Jezewski
Joshua Evans	Songfan GAO	Robert Guzik	Joan Hickey	Tereza Jezkova
Teresa Evans	Xiaolu Gao	Anja Haelg Bieri	Zachary Hicks	Meng Jia
Oludamilola David	Julienne Gard	Sarah Haft	Amory Hillengas	Peng Jia
Eyelade	Tobi Gardner	Anna Hagauer	Daniel Hinman	Bo Jiang
Ifeanyichukwu C.	Julia Garner	Zhanar Haimovich	Margaret Hirshen	Yan Jiang
Ezekwe	Cale Garrett	Meghan Halabisky	Elizabeth Hoaglund	Huang Jianyi
Mofoluso A. Fagbeja	W. Dustin Garrett	Brian Hall	Morgan Hockema	Juying Jiao
Brian Fagundes	Eric Garton	William Hall	Tyler Hoecker	Johanna Jimenez
Luke Fairbanks	Kieran Gaya	Abeer Hamdan	Alexander Hohl	Hai Jin
Donald Falk	Sarah Geise	Hayley Hames	Nicole Hoke	Jong-Heon Jin
May Farrales	Meredith Gerhardt	Matthew Hamilton	Kelly Hollingshead	Ge Jingfeng
Holly Faulstich	Jacqueline Gerson	Kathryn Hamm	Keith Holmes	Sweta Jinnagara
Michael Fedak	Kevin Gibbons	Dan Hammer	Kathryn Holtan	Puttaswamy
Zhixin Feng	N Jade Gibson	Patrick Hammons	Julia Holzner	Christopher Johnson
Cyrus Fernandez	Diana Gildea	Ei Phyu Han	Insu Hong	Joshua Johnson
David Ferring	Kathryn Gillespie	Ashok Hanjagi	Dawn Hoogeveen	Taylor Johnson
Ron Filion	Chelsea Gilliam	Michael Hannam	Gregory Hooks	Caleb Johnston
Maura Finkelstein	Georg Glasze	Karla Hansen-Speer	Andrew Horan	Melanie Jonas
Katie Fiorella	Kelly Gleason	Lorelei Hanson	Alison Horton	Martin Jones
Denis Fischbacher-	Sara Gleave	Daryn Hardwick	Quan Hou	Nadia Jones
Smith	Travis Gliedt	Sarah Harling	Erin House	Riley Jones
Alexandra Fischer	Stephan Gmur	William Harper	Petra Hroch	Thalassa Jones

The AAG welcomes the following new members.

Torre Jorgenson	Freya Kristensen	Wenliang Li	Stephen Mark	Muhammad Nawaz
Maria Josefson	Kevin Krivacsy	Xia Li	Evan Markham	Mian, Sr.
Ainsley Judge	Jimmy Kroon	Xingong Li	Graham Markowitz	Adam Middleton
Jay Jump	Evelyne Kuo	Xue Li	Christopher Marques	Mario Mighty
Lei Jun	Joshua J. Kurz	Yang Li	Jeremiah Marsicek	Vladimir Mikadze
Mehmet Ragip Kalelioglu	Jennifer Kusler	Yi Li	Andrea Marston	Joseph Milbrath
Nadia Kaliszewski	Vincent Zubedaar Kuuire	Katherine Libengood	Greg Martin	Scott Miles
Benjamin Kane	Corina Kwami	Ryan Liddell	Heide Martin	Cort Miller
Cao Kang	Maria Jose	Joshua Lieberman	Jess Martin	Jane Miller
Xing Kang	La Rota-Aguilera	Eunjung Lim	Pamela Martin	Julie Miller
Monika Kannan	Pankaj Lal	Jan Lin	Emilio Martinez de Velasco Aguirre	Richard Milligan
Michael Karalewich	Jennifer Lalley	Tao Lin	David Mason	Naomi Millner
Akif Karatepe	Katheryn Landau	Zheng Lin	David Massey	Brian Mills
Prakash Kashwan	Thomas Lang	Cary Lincoln	David Matsuo	Norma Minero
Rob Kasten	Zed Langston	Jeremy Lind	Miwa Matsuo	Kiersten Miranda
Serena Kataoka	Enrique Lanz Oca	Georgia Lindsay	Nicholas J. Matzke	Nrusingha Mishra
Matin Katirai	Qionghua Lao	Chenxiao Ling	Jochen F. Mayer	Bin Mo
Mara Kaufman	JP Laplante	Peter Michael Link	Helen Mayoral	Matthew Moehr
Alexandra Kazakova	Danielle LaRock	Caitlin L. Lippitt	Helen Mayoral	Sivakumar Mohandass
David Keellings	Matt Larsen	Daqian Liu	Katie Mazer	Dean Monette
Timothy E. Keenan	Stevie Larson	Haixia Liu	William Earl McBayer, Jr.	Claudia Monzon
Rose Keller	Jesse Lasky	Jiuyuan Liu	Cait Mccann	Seonggook Moon
Jeffrey Kelley	Paul Laueremann	Linshan Liu	David Mccarter	Catherine Morales
Seth Kenbeek	Jonathon Launspach	Louis Yi Liu	Melissa Mccracken	Thomas Moran
Steven Kendra	Mary Lavelle	Shiyi Liu	Shannon McDonald	Helen Morgan Parmett
Les Kennedy	Brendan Lavy	Xiaoping Liu	Caitlin Mcelroy	Brian Morgan
Robert M. Kerr	Jane Law	Zewen Liu	Renee Mcgarry	Merry Morgan
Geoffrey Kershaw	Anna Lawing	Matt Lloyd	Siobhan Mcgrath	William Morris
Winn Ketchum	Virgilio Lawson	Santiago Lopez	David MCGraw	Carrie Mott
Katherine J. Keys	Jinn-Guey Lay	Rebecca Loraamm	Steven McGunegle	Samuel Erik Munoz
Jesalyn Keziah	Katrina Laygo	Margaret Low	Michelle Mckeown	William Warren Munroe
Pramithus Khadka	Anthony Layzell	Cody Lown	Alexandra Mckillop	David Murakami Wood
Hoe Kyoung Kim	Devon Lechtenberg	Feng Lu	Innisfree Mckinnon	Dzingirai Murambadoro
Katherine King	Christopher T. Lee	Zhenqi Lu	Katharine Mckinnon	Jacob Murawski
Leonora King	Jonathan Lee	Dennis Lubbs	Shane McLaren	Matthieu Murdock
Karl Kirby	Alexander Legwegoh	Ming Luo	Kevin Mcmanigal	Kevin W. Murphy
Christine Kirchhoff	Amy E. Lesen	Aman Luthra	Esther Mcnairnay	Derek Murray
Justin Kirsch	Maria Carmen Lemos	Manuel Lutz	Marina Carmen Medina	Galen Murton
Puneet Kishor	Nolan Levenson	Jing Ma	Brooke Medley	Kelly Muth
Kaitlin Kitchen	Michael A Lewis	Katherine Macdonald	Matthew Meier	Philipp Nagel
Ryan T. Klataske	Nancy Lewis	Jenkins D. Macedo	Jennifer Melhiser	Brian Nagy
Jill Klimpel	Nick Lewis	Meghan MacLean	David Melsness	Catherine L. Nakalembe
Katie Knickerbocker	Patrici A Lewis	Kevin Macleod	Jennifer Mendez	Tomoki Nakaya
Jay Knox	Amelia Ley	Bryan Madle	Kathryn-Louise Meng	Kyung-Min Nam
Max Koch	Chi Li	Brenda Madrazo	Ran Meng	Thomas Nantais
Regan Koch	Fan Li	Dawn Magness	Zhaosu Meng	Syssoeva Natalia
Yangmi Koo	Huaqun Li	Kaitlin Maguire	Alejandro	Rituparna Nath
Dana Kornberg	Kenan Li	Basil Mahayni	Mercado-Celis	Abigail Nehring
Cara Kowalski	Lynnette X. Li	Dylan Malcomb	Cory Merow	Earl G. Nesbitt, III
Robin Kraft	Ma Li	Steven B. Malevich	Alex Messina	Tijs Neutens
Anna Kramer	Ma Li	Nicholas Malizia	Douglas Metcalf	Pheakkdey Nguon
Brad Kreuzinger	Manqi Li	Michael Mann	Cameron Meyer	Mai Nguyen
		Diane Mark		

The AAG welcomes the following new members.

Poppy Nicol	Harmony Paulsen	Kirsten Ray	Nicholas Samuel	Eric Smith
Joseph Nigro	Amanda Payne	Kathryn Reavis	Jamie Sanchagrin	Jon Smith
Jacob Noel	William Payne	Matthew Rech	Luis Sánchez-Ayala	Kenneth Smith
Marigold Norman	Alene Michelle Pearson	Dinah Reed	Luke Sanford	Sarah Smith
Andrew Norris	Alexandra Pedersen	Eric Reiff	Emily Sanschagrin	Shane Smith
Ryan Norton	Lihua Peng	Amanda Reinholtz	Anne Santa Maria	Alexis Smoluk
Neil J. Nunn	Jace Pennington	Colin Reisser	Robert Sauders	John Snyder
Christine A. Nycz	Nicholas Perdue	Jessie Reynolds	Suzette Savoie	Kristie Socia
Cheryl Nye	David Perkins	Jacob Richards	Steven Savoy	Stina Soderling
Kelsey Nyland	Emily Perkins	Jason Richardson	Stewart Scales	Zhouying Song
Elizabeth Nyman	Birgit Peterson	Jeffrey Richardson	Ryan Scanlon	Emmanuel Songsore
Christopher O'connor	Clint Petty	Laurie Richmond	Jürgen Scheffran	Emily Sousa
Rachel O'connor	Jonathan Peyton	Katie Rigsby	Janpeter Schilling	Jessica Spencer
Nathan O'daniel	Vera Pfeiffer	Jedidiah J. Riley	Noah Schillo	Viktorija Spencer
Mark O'keefe	Katherine Phillips	John R. Riley	Kelli Schlegelmilch	Ashley Spurlock
Casey O'laughlin	John Pillard	Eimy Rivas Plata	Jeremy J. Schmidt	Catie Stack
Caitlin O'Neill	Rebekah Pine	Christian Rivera	Mikaela Schmitt-Harsh	Colette Starheim
Gutierrez	Erica Pitcavage	Zulma Rivera	Stuart Schrader	Andrew Stauffer
Elizabeth O'sullivan	Kara Pitman	Lawrence K. Robert	Amelia Schubert	Madeline Steele
John T. Oakes	Nathan Podrid	Catherine Robin	Carolin Schurr	Justin Stefanik
Hillery B. Oberle	Jonathan Pollak	Lin Robinson	Kirsten Schwarz	Gillis Stephen
Jeffrey Ocker	Anna Pollock	Joshua Rodd	Peter Schweitzer	David Stephens
Clement A. Ofogba	Maria Del Pilar Ponce	Chris Rodriguez	Elizabeth Screws	Troy Sternberg
Kim Ogren	Corey Ponder	Juan Rodriguez-	Leon Sealey-Huggins	Jebediah Stevens
Melissa Oguamanam	Irma Potocnik Slavic	Garibay	Jennifer Sears	John Stoerner
Chungweon Oh	Shaina Potts	Karen Roekard	Claudia Serrato	Scott Stolz
Eunjoo Oh	Choon Piew Pow	Stephanie Rohdy	Mark Serreze	Sarah Stoner
Tor H Oiamo	Ashley Powell	Chad Ronchetti	Pamela K. Sertzen	Ona Strikas
Kendy Olaguez	Bethany Pratt	Esther Rootham	Verena Seufert	Joseph Sturgis
Adesola Olutayo	Bryan Preston	Amy Rose	Kathleen Shafer	Rachael Sullivan
Olaleye	Andrea Prichard	Christine Rosenfeld	Kaveh Shahabi	Ning Sun
Kirsten Oleson	Jeff Priest	Marshall Roses	Timothy Shannon	Mondal Md.
George Yasuhara Oliver	David Prigge	Jessica Rosier	Iryna Sharaievska	Surabuddin
Bruce Oneill	Danielle Prioleau	Rafael Routson	Gavin Shatkin	Warren Sutcliffe
Taner Osman	Andrew Puhl	Camille Rubinelli	Dylan Shaw	Haruna Suzuki
Ragnhild Overa	Andre Pusey	Darrin Rubino	Connor Sheehan	Tyson Swetnam
Ben Overholt	Qiuyin Qi	Warangkana	Justin Shelton	Kenneth M. Sylvester
John Owens	Sheryl Quail	Ruckthongsook	Shengyu Shen, Sr.	Lena Sze
Piotr Pachura	Kareem Rabie	Samuel Rufat	Yue Shen	Ryan Z. Taira
Jessica Pack	Liv Raddatz	Leonard Rufer	Krishna K. Shrestha	Fleming Talton
Molly Padgett	Milan Radovanovic	Han Ruisheng	Nicole L. Siebrasse	Benita Tam
Sridevi Padmanabhan	Sterling Raetz	Nikki Rumpca	Mike Sigurdson	Jackal Tanelorn
Lorie Palm	Timothy Raeymaekers	Bertie Russell	Emily Simms	Qing Tang
Eric Pante	John Rainey	Kevin Russell	Burt Simpson	Ying Tang
Jeremie Pare	Corrie Rainyn	Tammy Russell	Amir Siraj	Ying Tang
Isaac Park	Papia Raj	Tesfay Russell	Emily Slager	Christopher Allen Tate
Nancy Parker	Hilary Ramsden	Marianne Ryder	John Slifko	Jason Tatum
Luke Parry	Md. Masud Parves Rana	Richard Sadler	Susan Sloane	Aaron Taveras
Ami Pate	Aditi Ranjan	Stephen Sadlier	Jacob Snyder	Adeline Tay
Zarina Patel	Duncan Ranslem	Maliha Safri	Rebecca Smalley	C. Scott Taylor
Jessica Patrick	Smitha Rao	Jeremy Sage	Byron Smith	Delacey Tedesco
Gabriel Patterson-King	Adam Rasmussen	Noah Sager	Dan J. Smith	Michael Teitz
Diya Paul	Joe Rasmussen	Robert Samet	Dylan Smith	Olivia Tempest

The AAG welcomes the following new members.

Christopher M. Thomas	Nicholas Vaughn	Lauren Wasby	Brenton Wonders	Elyse Zavar
Maureen Thomas	Carlos Ernesto Vazquez	Clare Wasteneys	Shuang-Yann Wong	Jerry Zee
Samuel Thomas	Arias	Erin Watkins	Theodore Wong	Jared Zeringue
Courtney Thompson	Eleazar Vazquez	Sarah Watson	Mollie-Marie Workman	United States
Jeffery Thompson	Alberto Velazquez	Bryan Wee	Cheri M. Worley	Han Zhang
Seth Thompson	Zaine Venter	Wang Wei	Holly Worthen	Li Zhang
Thomas Thornton	Lisa Vera	Selina Weigl	David Wright	Ling Zhang
Andrew Thorpe	Kanika Verma	Jennifer Weiss	Jiaying Wu	Mengyao Zhang
Matthew Tiessen	Julia Verne	Jiahong Wen	Bruce Wylie	Shanqi Zhang
Mary Tilton	Brendan Vierk	Jing Wen	Jizhe Xia	Wenjia Zhang
Amanda Todd	Jitka Vinduskova	Zhongming Wen	Hui Xu	Wenzhong Zhang
Dana Todd	Andrew Vinson	Stephanie Wendel	Li Xu	Yueming Zhang
Katelyn Toebbe	Hedi Viterbo	Aaron P. Wernick	Xu Xu	Fang Zhao
Julie Tomiak	Nohemi Voglozin	James Wescoat	Dili Yang	Panshu Zhao
Stacie Townsend	Matthew Vogt	James Westervelt	Jing Yang	Xinzheng Joseph Zhao
Katyna Tran	Caleb Voithofer	Joseph Wheaton	Yan Yang	Yanli Zhao
Caroline Treacy	Tommy Wachholder	Emily White	Yong Yang	Ying Zhao
Crystal Tremblay	Julian Wade	Josh White	Qiang Yao	Yun Zhao
Luke David Trusel	Lawrence Wadsworth	Megan White	Julian Yates	Yang Zhaoping
Vassilis Tselios	Monica Walker	Aidan Whiteley	Nuri Yavan	Niu Zhen Guo
Mao-Ning Tuanmu	Zeb Wallace	James Whitler	Junjia Ye	Guang Zheng
Maria A. Tucker	Lilia Walsh	Isabel Wiebe	Travis Yeik	Jian Zhou
Amy Tudor	Pierre Walter	Nancy Wiegand	David Yelacic	WeiQi Zhou
Chanda Turner	Nicole Walworth	Anna Wieser	Li Yin	Yao Zhou
Manjunatha S.	Rongrong Wan	Thomas Wilch	Sanglim Yoo	Likai Zhu
Tyalagadi	Chengjin Wang	Jenny Williams	Seo Youn Yoon	Shengjun Zhu
Glauco Umbelino	Jin Wang	Katherine Williams	Yihong Yuan	Xiaolin Zhu
Henry Underwood	Liang Wang	Katherine Willis	Er Yue	Yu Zhu
Jessica Uramkin	Muning Wang	Chad Wilsey	Mariama Zaami	Justin Zimmerman
Marie Urban	Wei Wang	Ariel Wilson	Tara Zagofsky	Monica Consuelo
Daniel Uthman	Kathleen Ward	Megan E. Wilson	Anna Zalik	Zuleta
Loren Vagts	Luke Warner	Eric Winford	Felix Zamora	Thomas C. Zumbado
Irina Van Aalst	Lindsey Warren	Cathi Winings	Benjamin Zank	
Melanie Vanderhoof	Saskia Warren	Katherine Wirka	Vince Zaragoza	
Anna Vandervlugt	Stacy Warren	Garrett Wolf	Amber Zary	

Of Note

Stephanie Yates Rauterkus (University of Alabama – Birmingham), **Grant Ian Thrall** (University of Florida, Gainesville) and **Eric Hangen** (Community Development Consulting Inc., Cranston, Rhode Island) recently published, "Location Efficiency and Mortgage Default" in the *Journal of Sustainable Real Estate*. The article was referenced and linked to in *The Economist* in the section "This Weeks Interesting Economics Research" (December 15, 2010). See www.economist.com/blogs/freeexchange/2010/12/economics_2. The full text of the original article is avail-

able here: www.costar.com/uploadedFiles/JOSRE/JournalPdfs/06.117_142.pdf.

The Seattle Times recently published an op-ed written by **Kam Wing Chan** of the University of Washington. The commentary on the furor over the recent release of the Program for International Student Assessment (PISA) test scores, "China is not 'eating our lunch,'" appeared in *The Seattle Times* on January 3, 2011. The full text is available at http://seattletimes.nwsourc.com/html/opinion/2013808513_guest03chan.html.

Heejun Chang, Associate Professor of Geography at Portland State University, led the freshwater section of the first Oregon Climate Assessment Report, now available at <http://occri.net/ocar>. Chang worked with over a dozen university, federal and local researchers, including U.S. Geological Survey, the U.S. Fish and Wildlife Service, and the Portland Water Bureau. In the report, researchers document that Oregon's future will face water shortages, an increase in wildfires, more extreme weather events, and a myriad of economic challenges. ■

Jobs in Geography

UNITED STATES

*ALABAMA, AUBURN.

The Department of Geology and Geography at Auburn University invites applications for a tenure track **Assistant Professor** position in the field of **Climatology** to begin Fall Semester 2011. This is a position created in support of a new graduate program in Geography. Opportunities exist for collaboration with related on-campus programs including units in the College of Sciences of Mathematics, College of Agriculture, and School of Forestry and Wildlife Sciences.

The successful candidate will be expected to teach at the undergraduate and graduate levels (including a general education class in World Regional Geography) and to establish a productive record of independent research, extramural funding, and publication. Preference will be given to candidates who are able to teach a required graduate-level course in

quantitative methods and spatial analysis. A PhD in Geography is required at the time of appointment. The candidate selected for this position, which begins August 2011, must meet eligibility requirements to work in the United States on the date the appointment is scheduled to begin and to continue working legally for the term of employment; excellent communication skills are required. Applicants should submit a curriculum vitae, letter of application (1-2 pages) describing professional experience, research and teaching interests, copies of transcripts, and the names and contact information of at least three references.

Apply: Applications should be sent to: Dr. Luke Marzen, Geography Search Committee Chair, Department of Geology and Geography, 210 Petrie Hall, Auburn University, AL 36849-5224, USA.

Applicants are encouraged to visit the AU website to learn more about Auburn University and the Geography program ([http://](http://www.auburn.edu/academic/cosam)

www.auburn.edu/academic/cosam). Review of applications will begin February 10, 2010 and will continue until a candidate accepts appointment.

In support of our strategic plan, Auburn University will maintain its strong commitment to diversity with standards to help ensure faculty, staff, and student diversity through recruitment and retention efforts. Auburn University is an Affirmative Action/Equal Opportunity Employer. Women and minorities are encouraged to apply.

FEB 11-027

*CALIFORNIA, FRESNO.

State Center Community College District. **Geography Instructor**. Fresno City College. Apply by: February 22, 2011. Functions: Include but are not limited to teaching world regional geography (may also include cultural geography, regional geography and GIS); curriculum and program development and/or revision, including program review and the development and assessment of student learning outcomes for courses and programs, assisting and advising the department chair in course scheduling, participating in department, division and college committees; maintaining currency in the discipline and otherwise fulfilling the duties and responsibilities of instructional staff as required by Administrative Regulation 7122.

Minimum Qualifications: Include earned Master's degree geography, or earned Bachelor's degree in geography and a Master's in geology, history, meteorology, or oceanography, or a valid California Community College Credential, or the equivalent education and/or experience, and demonstrated sensitivity to and understanding of the diverse academic, socioeconomic, cultural, disability, gender identity, sexual orientation, and ethnic backgrounds of community college students.

Apply: to apply please visit: <http://apptrkr.com/174495>.

EOE.

FEB 11-060

CALIFORNIA, LOS ANGELES.

University of California, Los Angeles, Department of Geography. **Alexander Von Humboldt Chair in Geography**. The Department seeks an

"Jobs in Geography" lists positions available with US institutions who are Equal Opportunity Employers seeking applications from men and women from all racial, religious, and national origin groups, and occasional positions with foreign institutions.

Rates: Minimum charge of \$150. Listings will be charged at \$1.25 per word. Announcements run for two consecutive issues unless a stated deadline permits only one listing. The charge for running an announcement more than twice is one-third the original charge for each subsequent listing. We will bill institutions listing jobs after their announcements appear in JIG for the first time.

Deadline: JIG announcements must reach the AAG *before the first of the month* to appear in JIG for the following month (eg: 1 January for February issue). Readers will receive their Newsletter copies between the 5th and the 15th of the month. Schedule job closing dates with these delivery dates in mind.

Format: Announcements should be sent as an attachment or in the body of an e-mail to jig@aag.org. The announcements must be saved in Microsoft Word 5.0 or greater, or Corel WordPerfect 6 or greater. No job announcements accepted by phone. Follow format and sequence of current JIG listings. All positions are full-time and permanent unless otherwise indicated. State explicitly if positions are not firm. Employers are responsible for the accuracy and completeness of their listings. JIG will not publish listings that are misleading or inconsistent with Association policy. Employers should notify the Editor to cancel a listing if the position is filled. The Editor reserves the right to edit announcements to conform with established format. All ads must be in English.

Display ads are also available. Ads will be charged according to size: 1/6 page (2 1/4" x 5") \$335; 1/3 page vertical (2 1/4" x 10") \$475; 1/3 page square (4 3/4" x 4 3/4") \$475; 1/2 page horizontal (7" x 5") \$625; 2/3 page vertical (4 3/4" x 10") \$750; Full page (7" x 10") \$900. Display ads run for one month only.

Affirmative Action Notice: The AAG Affirmative Action Committee requires job listers to send to the JIG Editor the name, academic degree, sex, and rank of each person appointed as a result of an announcement in JIG.

Geographer Available. A service for AAG members only. Send personal listings of 50 words or less, following the format of current listings. Listings run for two consecutive issues. Enclose \$25 with listing. A blind listing service is available - the editor will assign a box number and forward inquiries to the member listed.

* Indicates a new listing

outstanding and distinguished researcher with a strong commitment to graduate education. Appointment will be at the rank of Professor. Established in 1997, the Humboldt Chair is endowed by a generous gift from the Henry J. Bruman Foundation. The endowment for the Chair provides funds that may be used for summer salary, research expenses, and/or graduate student support.

We seek candidates who are committed to the highest standards of scholarship and professional activities, and to the development of a campus climate that supports equality and diversity. The University of California is an affirmative action/equal opportunity employer.

Inquiries should be sent to Michael Curry, Chair, Alexander von Humboldt Chair Search Committee, Department of Geography, UCLA. E-mail: Humboldthelp@geog.ucla.edu.

Apply: Applications are to be submitted online, at <http://recruitment.sscnet.ucla.edu/geography/humboldtchair>.

Consideration of applications will commence on January 15, 2011, and will continue until the position is filled.

JAN 11-01

***CALIFORNIA, LOS ANGELES.**

UCLA Department of Geography. **Cartographer, Principal Artist.** Requisition number:

15115. Under the general supervision of the Management Services Officer, operate independently providing GIS and cartographic analysis, and creation of maps, illustrations, and multimedia graphics for research, publications, instruction, and dissemination of departmental information. The successful candidate will have proficiency in ARC GIS and Adobe Illustrator with strong interest in creative design. Primary function is as a cartographer, GIS analyst, and artist in technical assistance for faculty research. Helps faculty translate a wide range of scientific concepts into clear finished graphical materials for publication and presentations. Working closely with faculty, develops ways in which their ideas and information can be expressed graphically, producing virtually all types of maps and a variety of technical illustrations; digitally edits photographs, satellite imagery, and maps for presentations and publications. Advise graduate students on their mapping, GIS, and graphics needs, design graphics for department advertisements, posters, website and brochures.

Apply: Please apply online at www.ucla.edu. Go to Employment and campus jobs, then search the req.# 15115. You can upload your resume, experience and references. Please forward your portfolio to: Kasi McMurray,

CAO, Manager, UCLA Department of Geography, 1255 Bunche Hall, Box 951524, Los Angeles, CA 90095-1524. Email: kasi@geog.ucla.edu.

FEB 11-43

***CALIFORNIA, REDLANDS.**

Open Rank Professor in Geographic Information Science. The Master of Science in Geographic Information Systems Program at the University of Redlands is seeking to hire a faculty member with expertise in one or more of the following areas: applied remote sensing, image processing, motion imagery processing and analysis, or Global Positioning System surveying. Rank for this position is open. A PhD in geography, photogrammetry, geodesy or a related field is required. Candidates who are scheduled to complete their dissertation defense before August 31, 2011 will also be considered.

The successful candidate will have a record of excellent teaching, research, and professional engagement in their field. For information on the MS GIS Program and its mission visit www.msgis.redlands.edu.

The University of Redlands is a private, comprehensive, liberal arts institution located 60 miles east of Los Angeles. We actively encourage applications from women and under-represented groups. Information about the University and its mission and facilities is available at www.redlands.edu.

Deadline for submission of applications is March 25, 2011.

Apply: an application letter describing your teaching methods, research, and service; current curriculum vitae; and a list of three references should be submitted to: Dr. Douglas M. Flewelling, MS GIS Program Director, University of Redlands, 1200 East Colton Avenue, PO Box 3080, Redlands, CA 92373-0999. Email: douglas_flewelling@redlands.edu or telephone: (909) 748-8128.

FEB 11-55

CALIFORNIA, SANTA BARBARA.

University of California, Santa Barbara, Department of Geography invites applications for a tenure-track faculty position at Associate or Assistant rank in the general area of the Geography of the Information Society. This position will complement departmental strengths in both the Human Geography and Spatial Techniques areas.

ECSU Eastern Connecticut State University

Assistant Professor: Energy Geoscience


The Environmental Earth Science Department at Eastern Connecticut State University invites applications for a tenure-track position in energy geoscience at the rank of assistant professor starting in the fall of 2011. Responsibilities include teaching energy geoscience, sustainable energy, and global climate change courses for majors and for students in the liberal arts curriculum and the first-year program. The successful candidate will have earned a Ph.D. in a geoscience by August 1, 2011 and will be committed to undergraduate education and research. Active engagement in energy or global climate change research is expected.

Send a letter of application, statement of teaching and research interests, curriculum vitae, unofficial transcripts, and 3 letters of recommendation to Dr. Fred Loxsom, Search Chair, Environmental Earth Science Dept., Eastern Connecticut State University, 83 Windham St., Willimantic, CT 06226. Review of applications will begin immediately.

For full description and application instructions, please visit <http://www.easternct.edu/humanresources/admin.html>

For more information about Eastern Connecticut State University, please visit <http://www.easternct.edu>

Departmental information available at <http://www.easternct.edu/environmentalearthscience>



**EASTERN
CONNECTICUT
STATE UNIVERSITY**

www.easternct.edu

Information and communication technologies are increasingly relevant to a broad class of geographic phenomena and processes defined over a wide range of spatial scales, and play an important role in diverse areas of geographic inquiry such as urban and regional change; land use change; globalization; transportation and utilities networks; socio-spatial networks; the restructuring of individual and group activities and mobilities; location-based services and mobile GIS; emergency response and mitigation services; and geospatial cyberinfrastructure. The successful candidate will exhibit clear potential for a robust extramurally funded research program in one or more of these areas, and must be able to teach GIS and related topics at both the introductory and the advanced levels. A PhD is required by the date of appointment. The university provides excellent opportunities for interdisciplinary collaborations, with our new Center for Spatial Studies taking a central role in coordinating cross-campus outreach and the Center for Information Technology and Society providing resources in the general area of the position. The department is especially interested in candidates who can contribute to the diversity and excellence of the academic community through research, teaching, and service. Position will remain open until filled, the review of applications will begin January 1, 2011; the starting date is July 1, 2011. Qualified applicants should send their complete curriculum vitae, statement of research and teaching interests, and names of three referees with addresses preferably by email to recruit@geog.ucsb.edu or by mail to Search Committee, Department of Geography, University of California, Santa Barbara, CA 93106-4060. To learn more about the department, visit our website at www.geog.ucsb.edu. An EO/AA Employer.

JAN 11-03

DELAWARE, NEWARK.

University of Delaware. One of the oldest institutions of higher education in this country, the University of Delaware today combines tradition and innovation, offering students a rich heritage along with the latest in instructional and research technology. The University of Delaware is a Land-Grant, Sea-Grant, and Space-Grant institution with its main campus in Newark, DE, located halfway between

Washington, DC and New York City. Please visit our website at www.udel.edu.

As part of its Path to Prominence Strategic Plan, the University of Delaware has launched its Initiative for the Planet. The goals of this initiative are to promote sustainable practices and to support multidisciplinary efforts in research and education needed to develop solutions to significant, time-critical issues in energy, the environment, and resource sustainability. Our overarching objective is to make the University of Delaware a national and international resource for environmental research, technology, education, and policy – today and into the future. To attain this goal, we seek **6-8 outstanding faculty at all academic ranks in environmental science, engineering, and policy**. Faculty can have appointments in multiple departments and colleges.

To complement these hires we are conducting a search for the **Howard E. Cosgrove Chair in Environment**. This internationally renowned scholar will further enhance the prominence of the University's environmental interdepartmental teaching and research programs, and assist in building the Delaware Environmental Institute (DENIN) to a position of national and international prominence.

The University of Delaware provides an outstanding environmental research base through existing strengths in a number of areas including biogeochemistry, soil and environmental chemistry, environmental engineering, environmental microbiology, environmental genomics and bioinformatics, geomicrobiology, land/coastal dynamics, land use, nutrient management, environmental modeling, hydrology, environmental forecasting and restoration, ecosystem health and sustainability, and environmental policy, economics and education. These activities are carried out across the University's seven colleges and in a number of well-regarded institutes and research centers. More details on our environmental programs can be found at www.environmentalportal.udel.edu/.

The desire to better utilize the strengths in the colleges, institutes, and centers, and to foster collaboration and enhance competitiveness in attracting outstanding faculty and students, led to the creation of the Delaware Environmental Institute in 2009. DENIN's goals are to initiate interdisciplinary research

projects, support interdisciplinary academic programs, and forge partnerships among government agencies, nonprofits, industry, policymakers, and the public to address environmental challenges and coordinate and sponsor University-based interdisciplinary initiatives. More details on DENIN can be found at www.udel.edu/denin.

Other recent actions which reflect the University's commitment to the environment and sustainability include an aggressive Climate Action Plan and the creation of new undergraduate majors in Environmental Studies and Energy and Environmental Policy. Successful candidates will have the opportunity to help shape and grow these new majors.

Candidates for the faculty positions are expected to hold a PhD or equivalent degree in their area of expertise and have a demonstrated record of excellence in environmental scholarship commensurate with appointment to a faculty position in one or more departments of the University.

Apply: Nominations and applications should be submitted electronically to Environmental Cluster Search Committee Chair at environmental-hire@udel.edu.

Application materials should include a statement of interest, curriculum vitae, description of research and teaching interests and accomplishments, and the names and contact information of at least four references. Review of applications will begin on December 15, 2010 and will continue until the positions are filled.

The University of Delaware is an Equal Opportunity Employer which encourages applications from Minority Group Members and Women.

JAN 11-05

DISTRICT OF COLUMBIA, WASHINGTON. Division of Behavioral and Social Sciences and Education, **Executive Director**.

The **National Research Council** is actively seeking an Executive Director for the Division of Behavioral and Social Sciences and Education. This is a rare and challenging opportunity for an executive professional with experience drawn from a broad range of related disciplines in the social and behavioral sciences.

The Executive Director is responsible for the intellectual, strategic, managerial,

and financial leadership of the Division of Behavioral and Social Sciences and Education (DBASSE) of the National Research Council (the operating arm of the National Academy of Sciences, the National Academy of Engineering, and the Institute of Medicine). DBASSE is one of five divisions of the National Research Council.

The Executive Director establishes current and long-range objectives for the division. Works with a division advisory committee for strategic planning. Manages all aspects of the division's portfolio and staff. Works with individuals and organizations to secure financial support for the division's programs and projects. With the other four divisions, supports the institution's leadership in management and policy making. Reports to the Executive Officer of the National Research Council.

The successful candidate will possess a PhD in a related field or equivalent knowledge. At least six years of scholarship, research, and professional experience in a related field, at least three of which are in an executive, program development, and direction capacity.

For more information about this challenging career opportunity and to apply, please visit our website at <http://national-academies.org>. Under Employment, search our Current Opportunities by department – Div of Behavioral & Social Sciences & Education – requisition number 100275-1.

JAN 11-026

DISTRICT OF COLUMBIA.

Director of GIScience Research Programs. The Association of American Geographers has a position available for immediate placement at its office in Washington, D.C. for a Geographer or GIScientist whose primary responsibility will be leading the AAG's programs in GIScience research and education. The successful applicant will have advanced, proven expertise in GIScience and technology, and possess strong research and analytical skills. The Director of GIScience Research Programs will also assist in the development of grant proposals and journal articles, and interact constructively with federal agencies and other GIScience organizations. This is an excellent opportunity for talented individuals to participate at a high level in AAG research and educa-

tion initiatives. A qualified candidate will have a graduate degree in geography or GIScience; possess outstanding written, research, and verbal communication skills; be highly organized and experienced with project management; and have strong interpersonal skills. Salary is commensurate with experience.

Apply: Please send a letter of application, CV, and three writing samples to: Megan Overbey, Association of American Geographers, 1710 Sixteenth Street NW, Washington, D.C. 20009; or by e-mail to: moverbey@aag.org.

AAG 10-128

FLORIDA, MIAMI.

The University of Miami Department of Geography and Regional Studies (GRS) is looking for an innovative and talented individual to assist in teaching and curricular development for a new Certificate Program in **Geospatial Technology**. This is a full-time, nine-month **Lecturer** position renewable on an annual basis starting August 15, 2011. Duties will include teaching courses in geospatial technology, including Introductory and Intermediate GIS, Web GIS and GIS programming applications. In addition, courses may be taught in the candidate's area of specialization outside geospatial technology. The position may include the possibility of summer teaching, the teaching of short courses, and work related to sponsored projects for additional remuneration.

The successful candidate will also assist in the planning and development of curriculum, scheduling and promotion for the new Certificate Program, and will be a team player who can work well in a collaborative environment. The Department has a full-time GIS Lab Manager.

Qualifications: A master's degree or higher in Geography or a related discipline with an excellent working knowledge of ArcGIS and at least one other geospatial software package; working knowledge of LAN and server-client architecture for GIS; and knowledge of XML, JAVA, ArcIMS or other web-based applications will be considered a plus. Familiarity with remote sensing and image-processing software such as ERDAS IMAGINE is expected, with the ability to become expert in their use. Prior teaching experience in a university environment is preferred.

Salary/Benefits: Competitive, based on experience. UM offers a complete benefits package to all faculty.

Apply: Applications should be addressed to: Professor Ira Sheskin, Chair, Geospatial Lecturer Search Committee, Geography and Regional Studies, University of Miami, Coral Gables, FL 33124-2221 and must include a cover letter, Curriculum Vitae, and names/e-mail addresses of three references. These may be sent via e-mail to: Professor Ira Sheskin (isheskin@miami.edu).

Further Information: Information on the Department and the Certificate Program in Geospatial Technology can be found on <http://www.as.miami.edu/geography/>.

The University of Miami is an Affirmative Action/Equal Opportunity University that values diversity and has progressive work-life policies. Women, persons with disabilities, and members of other under-represented groups are encouraged to apply.

JAN 11-08

*FLORIDA, TALLAHASSEE.

Florida State University. The Department of Geography invites applications for a tenure-track **Assistant Professor** position in **Urban Geography** to begin August 2011. The successful applicant will be expected to pursue research, secure external funding and teach in the field of urban geography. Desired interests may include but are not limited to issues dealing with social and environmental justice, natural hazards, energy sustainability, crime, health, and the pursuit of public policy. The successful candidate will have methodological skills that complement and extend existing departmental strengths. Salary and benefits are highly competitive, and commensurate with qualifications and experience. A PhD in geography or a related area is required.

Apply: Send pdfs of application letter, CV, and three references by February 15, 2011 to Prof Victor Mesev (vmesev@fsu.edu). Florida State University is an equal opportunity employer.

FEB 11-51-3

*GEORGIA, ATHENS.

Department of Geography, the University of Georgia seeks applications for a tenure-track **Assistant Professor** position in **Energy and Sustainability**, to start August 2011. PhD required at time of appointment.

We seek applications from scholars with a research agenda focused on the intersection(s) of energy production with climate change and/or food security, with an emphasis on sustainability and conservation practice. With this position, the department seeks to enrich and expand integrative and interdisciplinary research and instruction that addresses social and environmental vulnerabilities associated with global change. We particularly encourage applications from scholars with international interests in conservation practices and effects on the local to global carbon budget, energy inputs into climate sensitive processes, energy system responses to social and environmental constraints, impacts of energy production on regional to global food systems, and "greening" of economies.

The successful candidate will have a solid record of, or potential for, publications and external funding and have a demonstrable record of interdisciplinary engagement. The candidate will be expected to teach required and specialty courses at the undergraduate and graduate levels. The appointment will be in geography (www.ggy.uga.edu), but the candidate is expected to contribute to the Center for Integrative Conservation Research (www.cicr.uga.edu) and a new joint doctoral program in Integrative Conservation and Geography. This hire will complement a parallel search underway in the Department of Anthropology.

Apply: Send a letter of application outlining research agenda and teaching philosophy, curriculum vitae, up to three reprints/samples of written work, and names and contact information for at least three references. We require electronic submission of application materials to geojobs@uga.edu. To be assured of full consideration, applications must be received by January 31, 2011. For inquiries, contact Dr. Thomas Mote, Search Committee Chair, Department of Geography, University of Georgia, Athens, GA, 30602-2502, tel: 706-542-2856, e-mail: tmote@uga.edu.

The Franklin College of Arts & Sciences, its many units, and the University of Georgia are committed to increasing the diversity of its faculty and students, and sustaining a work and learning environment that is inclusive. The University of Georgia is an Equal Opportunity/Affirmative Action Institution. Women, minorities, and people with disabilities are encouraged to apply.

FEB 11-45

***GEORGIA, ATLANTA.**

Georgia Institute of Technology, College of Architecture, Center for GIS, **Research Scientist/Engineer II.** The Georgia Institute of Technology, Center for Geographic Information Systems in the College of Architecture in Atlanta, Georgia is seeking a Research Scientist at the level of Research Scientist/Engineer II. The GIS Center applies a variety of spatial analysis technologies in urban planning, engineering and scientific research, creates data sets for specific applications and develops GIS-based software tools to meet specific challenges. The successful candidate will have strong skills in one or more of the following areas: GIS application programming, urban and environmental modeling and system integration. Applicants with experience in applying these GIS technology to urban growth forecasting, environmental analysis or transportation and infrastructure systems management are preferred. The successful applicant will be expected to develop and manage research projects, perform advanced GIS analysis, write technical reports and manage graduate students. A Masters degree in City Planning, Geography, Environmental Science, Civil Engineering or related fields is required; an earned Ph.D. is preferred. Salary is commensurate with experience.

Applicant review will begin January 20, 2011 and continue until suitable candidates are found. The following materials should be submitted: (1) Cover letter describing your research interests and experience, (2) curriculum vitae, and (3) names and contact information for three references.

Apply: Send application material to: Steven P. French, Director, Center for Geographic Information Systems, Georgia Institute of Technology, 280 Ferst Dr., NW, Atlanta, GA 30332-0695.

Fax: (404) 385-0450.

Georgia Tech is an equal education/opportunity employer.

FEB 11-32

***ILLINOIS, DEKALB.**

Assistant Professor of Ecological Economics, Northern Illinois University. The Institute for the Study of the Environment, Sustainability, and Energy at Northern Illinois University (NIU) and the Environmental Science Division at Argonne invite applications for an anticipated joint, tenure-track

position at the rank of Assistant Professor to begin August 16, 2011.

We seek a candidate with teaching and empirical research interests in ecological economics (macro and micro), ideally with additional experience in related subjects such as sustainability science, political economy, economic geography, or other fields related to environmental policy and management. It is expected that this faculty member will apply modeling approaches to assess the balances and tradeoffs among the human economy and the economy of nature, such as ecological footprint analysis, macroeconomic capacity assessment, ecosystem services evaluation, input-output analysis, spatial econometrics, or climate change impact assessment. This person will work closely in a multidisciplinary academic environment and an off-campus research environment. A PhD in a relevant discipline is required at the time of appointment. The successful candidate will have choice of tenure home in Economics, Geography, Political Science or another applicable department. The position is part of the new, interdisciplinary Institute for the Study of the Environment, Sustainability, and Energy at Northern Illinois University, DeKalb, IL. More information about current faculty research interests and the Institute is available at <http://www.niu.edu/ese>.

Apply: Applicants must electronically submit a letter of application, CV, statements of teaching and research interests, and three letters of references addressed to: Dr. Carl von Ende, Environmental Faculty Search Committee Chair, at webmail: envs11econ@niu.edu. Complete applications must be received by Feb 15, 2011.

NIU and Argonne are AA/EEO Institutions that value diversity in their faculty, staff, and student bodies; thus we strongly encourage applications from diverse candidates, including women and minorities.

FEB 11-029

KENTUCKY, BOWLING GREEN.

Western Kentucky University, Department of Geography and Geology, is seeking applicants for an **Assistant Professor of Geography.** This is a tenure-track assistant professor position beginning August 2011. The successful candidate is expected to contribute to research and education programs of the University's Hoffman Environmental Research Institute,

which may include affiliation with major Institute programs including the China Environmental Health Project, Crawford Hydrology Laboratory and Center for Cave and Karst Studies.

Qualifications: Earned PhD in **Geography or a related environmental field** is required. Must demonstrate a commitment to excellence in teaching and research at the undergraduate, Master's, and post-doctoral levels. Is expected to develop a strong externally funded research program in one or more environmental areas related to the mission of the Institute, including but not limited to environmental education, water resources, and water policy. Research experience in karst aquifer/landscape systems and familiarity with GIS are desirable but not required. The Hoffman Institute's mission statement can be found at <http://hoffman.wku.edu/mission.html>. Collaborative and interdisciplinary research is highly desirable.

JAN 10-018

***MASSACHUSETTS, BOSTON.**

The International Affairs Program at Northeastern University invites applications for **Director and Professor**, with tenure, starting July 1, 2011. The Program currently offers an interdisciplinary undergraduate major and minor cumulatively serving nearly 900 students, and is a key contributor to the University's study abroad programs. The person in this position will have primary responsibility as director of **International Affairs**, with teaching in International Affairs and/or other disciplines depending upon locus of tenure. Applications are invited from candidates in any field that contributes to the study of international and global affairs. We are particularly interested in interdisciplinary teaching and research, preferably with a focus on global connections. The ideal candidate also has international research experience. Candidates must have an established record of scholarship to warrant tenure and appointment as Full Professor in a related department in the College of Social Sciences and Humanities. A PhD is required. Relevant experience in academic leadership is essential.

Northeastern University is an Equal Opportunity, Affirmative Action Educational Institution and Employer, Title IX University.

Apply: Please submit a research statement, CV, and contact information for references.

To apply, please go to the college website at www.northeastern.edu/cssh and click on the link to "Faculty Positions." For Questions please contact Professor Berna Turam at 617-373-4137.

FEB 11-40

MASSACHUSETTS, CAMBRIDGE.

Massachusetts Institute of Technology, School of Architecture and Planning, Department of Urban Studies and Planning. **Lecturer in Energy Planning.** Position: Full-time non-tenure track position as Lecturer for the period September 1, 2011 through May 31, 2012, with potential for renewal for up to two academic years, pending annual review.

The Department of Urban Studies and Planning (DUSP) at the Massachusetts Institute of Technology invites applications for a full-time non-tenure track Lecturer in the area of Energy Policy and Planning. We seek a colleague with particular expertise in demand-side management, energy strategy development, renewable energy, innovations in alternative-energy and energy-efficiency policy, or the mitigation of greenhouse gas emissions in urban contexts. We are equally interested in applicants with knowledge of these issues in domestic and international settings.

The Department of Urban Studies and Planning is located within the School of Architecture and Planning. The department is home to a diverse student body that spans doctoral, masters, and undergraduate levels and offers an environmental policy and planning specialization.

The successful candidate will have completed a PhD no later than June 2011 in urban planning or a related discipline. The position requires teaching three classes per year, participating in department committees, and serving as an academic and thesis advisor to students enrolled in the Master of City Planning program.

Applicants should submit the following: 1) cover letter summarizing scholarly expertise and courses you are prepared to teach; 2) curriculum vita; 3) two publications or papers; and 4) three letters of recommendation. Doctoral candidates should submit two completed dissertation chapters in lieu of other publications or papers and provide a detailed description of dissertation findings and progress in the cover letter. Full consider-

ation will be given to completed applications received by January 20, 2011.

Apply: All materials and letters of recommendation, as well as inquiries about the position, should be sent to: dusp-energysearch@mit.edu.

MIT is building a culturally diverse faculty and strongly encourages applications from women and minority candidates. MIT is an Affirmative Action/Equal Opportunity Employer.

JAN 11-10

***MICHIGAN, DETROIT.**

Central Michigan University seeks **qualified part-time adjunct instructors** to teach the following course: "GEO 373, Latin America." Location: Metro Detroit, Michigan. Requirements: A PhD in Geography with graduate level coursework in the topic to be taught is preferred. Local candidates are preferred for teaching assignments but qualified instructors outside local area may be considered. The University does not sponsor candidates or reimburse relocation expenses for part-time adjunct teaching opportunities. The successful candidate will teach adult students in classes offered on alternating weekends or one night a week for eight weeks. A generous stipend is paid for teaching this course.

Apply: If you are interested in further information concerning these opportunities at CMU and how to apply please visit our website at <http://www.cel.cmich.edu/faculty/recruitment/job-postings.aspx> to view the job postings and access the application. CMU, an AA/EO institution, strongly and actively strives to increase diversity within its community (see <http://www.cmich.edu/aaeo>).

FEB 11-35

MICHIGAN, GRAND RAPIDS.

Aquinas College's Department of Geography and Environmental Studies seeks an **Assistant/Associate Professor of Geography** for a tenure track position beginning August 2011. Teaching responsibilities include introductory courses in physical geography and other courses based on the department's needs and candidate expertise. Aquinas Faculty normally teach 12 credit hours per term. Other duties include mentoring students in undergraduate research, advising students and supporting the college mission.

Candidates should have a PhD, be broadly-trained in physical geography and committed to teaching geography in a liberal arts institution. The successful candidate will have demonstrated teaching ability and is expected to be professionally active.

Aquinas College was founded by Dominican Sisters in 1886. This Catholic liberal arts college, located in Grand Rapids, Michigan, has a global perspective and is growing in excellence and admissions with over 2200 students on a 107 acre wooded campus. Aquinas is committed to educating the whole person for a life and career of service through more than 60 majors, 14 undergraduate and graduate degrees, international internships, study abroad programs, 40 student clubs, and intramural and varsity athletics. Recent facility investments include the Grace Hauenstein Library, the Performing Arts Center and the Sturuss Sports and Fitness Center.

For more information about Aquinas College, please visit: www.Aquinas.edu.

Apply: Interested candidates should send a resume, cover letter, statement of teaching philosophy and research interests, evidence of teaching quality, a curriculum vitae, and three letters of recommendation in which at least two address teaching ability to: Richard E. McCluskey, PhD, Chair, Department of Geography and Environmental Studies... c/o... HumanResources@Aquinas.edu.

Review of applications will begin January 15, 2011.

JAN 10-23

MICHIGAN, HOUGHTON.

Department of Social Sciences, Michigan Technological University seeks up to two colleagues to strengthen graduate programs in **Environmental and Energy Policy**. Research interests in policy areas (energy, water, sustainability, international development, environmental justice) and plans for securing external research funding, ability to teach geospatial, survey, or qualitative methods courses. Tenure track, Assistant and/or Associate Professor level, to begin August 2011. PhD required.

Michigan Technological University is an Equal Opportunity/Affirmative Action Educational Institution/Employer. Minorities and women encouraged to apply. See <http://www.ss.mtu.edu/EP/EnvironmentalPolicyFacultySearches.htm> for additional information.

Apply: Send letter describing experience, research statement, teaching statement, curriculum vitae, and contact information for three references to: Kathy Halvorsen, Department of Social Sciences, Michigan Technological University, 1400 Townsend Drive, Houghton, MI 49931-1295; kehalvor@mtu.edu or (906) 487-2824.

JAN 10-022

MICHIGAN, KALAMAZOO.

Western Michigan University invites applications and nominations for the position of **Assistant Professor of Geography/Environmental Studies**, pending budgetary approval. This position is a joint appointment with the Environmental Studies Program. The candidate is expected to strengthen the course offerings in both the Department of Geography and the Environment Studies Program. Expected courses include Introduction to Meteorology and Climatology; Nature and Society; Climate Change: Atmospheric Perspectives; Senior Seminar in Environmental Studies, as well as other relevant courses in atmospheric sciences. On-going research (preferably through external funding) and publication as well as serving on M.A. (Geography) theses, Department, College, and University committees are expected.

Qualifications: PhD in Geography, Atmospheric Sciences, or Earth Sciences, good oral and written communication skills, good teaching and research potential in atmospheric sciences. Desirable qualifications: Expertise in meteorology/climatology, physical and human dimensions of climate change; expertise in geospatial technologies; teaching experience; strong commitment to externally funded research and publication.

Western Michigan University has been placed among 76 public institutions in the nation designated as research universities with high research activity by the Carnegie Foundation for the Advancement of Teaching. It has a large and diverse population (ca 24,000). In addition to WMU, Kalamazoo is home to Kalamazoo College and Kalamazoo Valley Community College. Located halfway between Chicago and Detroit, greater Kalamazoo has a population of more than 250,000. With a highly diversified economy, the city is the focus of many cultural and sports events.

The College of Arts and Sciences is the largest in the university and consists of twenty-six departments in the Humanities, Social Sciences, and Sciences and mathematics, as well as several interdisciplinary programs.

The Department of Geography offers the B.S., B.A. and M.A. degrees. The regular staff consists of 12 full-time (including the Chair), one term and four part-time faculty members. Approximately 15 graduate assistantships are awarded each year for teaching and research. Department endowment funds support faculty research and professional travel. The department has working relationships with Mallinson Institute for Science Education, W.E. Upjohn Center for the Study of Geographical Change.

The Environmental Science Program is an interdisciplinary undergraduate program in the College of Arts and Sciences. Students majoring in Environmental Studies are required to have a second major, chosen from any college in the university. The regular staff consists of 10 full-time and 3 part-time faculty members. Nearly all of the full-time faculty members have a joint appointment. The department has six state-of-the-arts teaching laboratories, all of which are equipped with computers and software for instruction/research in physical geography, meteorology, geographic information systems, urban and regional planning, and remote sensing. It has a library/resource center for students, and research space for faculty.

Salaries are competitive. The academic year is eight months beginning in mid-August and continuing through mid-April. An extensive package of fringe benefits, including TIAA/CREF contribution, is provided. Starting Date: August, 2011. Review of applications will begin immediately, and will continue until the position is filled.

Apply: Applicants should visit <http://www.wmich.edu/hr/careers-at-wmu.htm> to apply and send a statement of teaching philosophy and capacity, graduate transcripts, and three letters of reference to: Benjamin Ofori-Amoah, Professor & Chair, Department of Geography, 1903 W. Michigan Avenue, Western Michigan University, Kalamazoo MI, 49008-5424. Review of applications will begin immediately and will continue until the position is filled.

Western Michigan University is an Equal Opportunity Employer consistent with applicable federal and state law. All applicants are encouraged to apply.

JAN 11-12

MINNESOTA, DULUTH.

The Department of Geography at the University of Minnesota – Duluth invites applications for a tenure-track position at the **Assistant Professor** level, with the appointment beginning August 29, 2011. Applicants must have a PhD in geography at the time of application, and at least two years of teaching experience.

We seek a candidate with expertise in **Geographic Information Science**. The successful candidate will exhibit a strong commitment to undergraduate education, possess outstanding teaching skills, conduct an active research program and complement the department's existing areas of focus in cultural, urban, physical, or environmental geography. Responsibilities will include teaching courses in Geographic Information Science, Quantitative Methods (particularly spatial statistics), and the candidate's additional area of specialty. Research and teaching experience in economic geography and/or sustainable development are particularly desirable, but not required. The successful applicant will advise undergraduate students in all three majors offered by the department, and actively contribute to the new GIS minor and certificate program.

The University of Minnesota-Duluth is one of four coordinate campuses of the University of Minnesota system. The Department of Geography at UMD currently has four tenured and tenure-track faculty, one non-regular full-time instructor, a full-time GIS lab manager, a full-time GIS research associate, and several part-time instructors. As a dynamic medium-sized department in the College of Liberal Arts, we oversee three undergraduate B.A. programs in Geography, Environmental Studies, and Urban and Regional Studies, with a total of over 170 majors. New GIS Minor and Undergraduate Certificate programs were added in Fall 2010. In addition, the department houses two interdisciplinary research and outreach organizations, the Center for Sustainable Community Development (CSCD), and the Center for Community and Regional Research (CCRR), both of which actively involve undergraduate students in applied research projects centered on local communities in Northeastern Minnesota. Faculty in the department are actively involved in research, innovative teaching methods and

assessment, civic engagement, and service to the university. The department also collaborates with the College of Liberal Arts Geographic Information Sciences Lab.

Apply: Applicants must apply online at <https://employment.umn.edu>, requisition number 169559, and must submit electronically a cover letter, a current curriculum vitae, teaching and research statements, teaching evaluations, and the names, address, phone number, and email address of at least three references.

Applications will be considered complete upon receipt of all materials. Review of complete applications will begin January 18, and will continue until the position is filled. For questions about the application process, please contact the Department Head, Dr. Olaf Kuhlke, at (218) 726-7331, or okuhlke@d.umn.edu.

The University of Minnesota is an equal opportunity educator and employer. If you need a reasonable accommodation for any part of the application and hiring process, please contact the University of Minnesota Disability Specialist at 218-726-7725. Smoking is prohibited on all UMD property. The smoking ban includes indoor facilities and the campus grounds, as well as all University vehicles.

JAN 10-021

NEW JERSEY, POMONA.

Richard Stockton College of New Jersey, School of Natural Sciences and Mathematics. **Tenure Track Assistant/Associate Professor, Environmental Science – Hydrology.**

The Richard Stockton College of New Jersey is an innovative liberal arts college, currently ranked among the top ten in its class. The college is on 1,600 acres located in the Pinelands National Preserve about one hour from Philadelphia. Stockton provides vast opportunities for interdisciplinary scholarly and pedagogic development. We are seeking an outstanding broadly trained Hydrologist strongly dedicated to teaching and scholarship in a liberal arts environment to join us September 1, 2011. Academic experience with culturally diverse populations is desired.

PhD required and post-doctoral experience, a plus. Primary teaching responsibilities include the teaching of undergraduate and graduate field oriented courses in hydrology/water resources, a Physical Geography

course for majors, and a general education course. The successful candidate will also be encouraged to develop a research program fostering student collaboration and supported by external grants. The College provides internal grant programs to initiate projects. For further information, go to "Employment" at www.stockton.edu.

Apply: Send an application letter, a resume, brief statements about your teaching and research interests, and have three letters of recommendation sent to: Dean Dennis Weiss, School of Natural Sciences and Mathematics, The Richard Stockton College of New Jersey, AA 221, P.O. Box 195, Pomona, NJ 08240 (or by email to: namsdean@stockton.edu).

The College is an equal opportunity institution encouraging a diverse pool of applicants.

JAN 11-014

***NEW MEXICO, LAS CRUCES.**

GIS Foundational Research Opportunity: **Seeking a Masters student** to work on a three-semester long, NSF-funded project developing a virtual platform for the GIS&T Body of Knowledge 2. Preferred programming ability is some combination of: HTML, CSS, XML or similar languages. Knowledge of PHP or Python, and OWL is desirable. The candidate should be computer savvy; intuitive; possess 3-D gaming, visualization, and modeling skills; have basic understanding of programming conventions; and possess or be willing to learn human factors and program usability, and to program in Second Life. Successful performance for the project should result in publications, and to position the candidate for potential further funding to complete the degree program. Opportunity is in the Department of Geography at New Mexico State University (<http://nmsu.edu/~geoweb>). Applicants should contact Michael N. DeMers (demers01@gmail.com) to discuss the project and admission procedures and requirements for Fall Semester, 2011.

FEB 11-39

***NEW YORK, GENEVA.**

Asian Environmental Studies Postdoctoral Fellow. Through the generous support of the Henry Luce Foundation, Hobart and William Smith Colleges invite applications for a Post-doctoral Fellow in Asian Environmental

Studies for the 2011-2012 academic year. Initial appointment will be made for one year, with possible renewal for up to two additional years. Applicants should have expertise in human-environment issues in one or more East/Southeast Asian countries. Specific areas of expertise might include land use and land cover change; transportation and the built environment; water resources (quantity, quality, transboundary issues, health); energy (transitional fuels, low-carbon development, efficiency, demand management); waste, pollution, and human health. Field experience and relevant language proficiency is expected. Teaching experience and familiarity with liberal arts institutions and interdisciplinary work are highly desirable.

The Fellow will take part in a new interdisciplinary HWS initiative, supported by the Luce Foundation, aimed at enhancing Asian Environmental Studies at HWS and beyond. He/she will teach four courses per year, including the introductory/ interdisciplinary Environmental Studies core course (ENV 110, potentially co-taught), as well as upper-level ES courses; most, if not all, should have significant Asia content. The successful candidate will have significant mentorship and professional development opportunities at HWS, and will be expected to attend departmental and college faculty meetings, keep office hours, mentor students, and continue to pursue research and/or other scholarly projects.

Applicants should have earned a doctorate or terminal degree within the prior three years. ABD applicants may be considered, provided they have a scheduled completion date prior to the beginning of the fellowship year verified by their advisor.

Apply: Send CV and a letter of application describing teaching and scholarly interests, and arrange for two letters of recommendation to be sent under separate cover, to: Professor Darrin Magee, Chair, AES Post-doc Search Committee, Environmental Studies Program, Hobart and William Smith Colleges, Geneva, NY 14456.

Review of applications will begin February 15, 2011 and continue until the position is filled. For more information, see <http://www.hws.edu/academics/envirostudies>.

Founded as Hobart College for men and William Smith College for women, Hobart and William Smith Colleges today are a

highly selective residential liberal arts institution with a single administration, faculty and curriculum but separate dean's offices, student governments, athletic programs and traditions. The Colleges are located in a small diverse city in the Finger Lakes region of New York State. With an enrollment of approximately 2,100, the Colleges offer 62 different majors and minors from which students choose two areas of concentration, one of which must be an interdisciplinary program. Creative and extensive programs of international study and public service are also at the core of the Colleges' mission.

Hobart and William Smith Colleges are committed to attracting and supporting a faculty and staff comprised of women and men that fully represent the racial, ethnic, and cultural diversity of the nation and actively seek applications from under-represented groups. The Colleges do not discriminate on the basis of race, color, religion, sex, marital status, national origin, age, disability, veteran's status, sexual orientation or any other protected status.

FEB 11-31

***NORTH CAROLINA, GREENVILLE.**

Faculty Position at East Carolina University. The Department of Geography at East Carolina University invites applications for a tenure-track position in applied **atmospheric science** at the **Assistant Professor** level beginning August 15, 2011. The department seeks an individual with research and teaching expertise in synoptic meteorology, regional weather or climate modeling, or hydrometeorology. Research experience in the areas of natural hazards and/or the application of geospatial technologies to atmospheric science would be a plus. Candidates with other research interests will also be considered.

The successful candidate will have a proven record in teaching and research and a strong potential for external funding. A PhD in atmospheric science, geography, or a related field is required at the time of appointment. Rank will be commensurate with education and experience. The Geography Department at ECU is a diverse, multidisciplinary program, which has established a new B.S. degree in Applied Atmospheric Science. The candidate will be expected to contribute to formal graduate and undergraduate teaching as well as to supervise graduate and undergraduate

student research. Appropriate service to the university, community, and profession is also expected.

In a continuing effort to enrich its academic environment and provide equal educational and employment opportunities, the department actively encourages applications from members of all groups underrepresented in higher education. ECU is an Equal Opportunity/Affirmative Action University that accommodates individuals with disabilities. Individuals requesting accommodation under the Americans with Disabilities Act (ADA) should contact the Department for Disability Support Services at (252) 737-1016 (Voice/TTY). Proper documentation of identity and employability as well as an official graduate transcript are required at the time of employment.

Apply: complete a candidate profile and submit a letter of application, description of teaching interests and research agenda, and curriculum vitae online at www.jobs.ecu.edu (vacancy # 929845).

Provide the names and contact information for three current letters of reference, to be sent upon request (hard copy) to: Dr. Scott Curtis, Search Committee Chair, Department of Geography, Mail Stop 557, East Carolina University, Greenville, NC 27858. For questions, contact Dr. Curtis at curtisw@ecu.edu or 252-328-2088. Screening will begin February 7, 2011, and applications will be accepted until the position is filled.

ECU is a constituent institution of the University of North Carolina System and enrolls more than 27,000 students. The University is made up of thirteen colleges and schools, including the Thomas Harriot College of Arts and Sciences and the Brody School of Medicine. The University is classified as a Doctoral/Research-Intensive University. ECU is located in Greenville, NC, which has a population of more than 76,000, is about 90 miles east of Raleigh, and is a short distance to the Atlantic coast. Greenville is a rapidly growing regional center for education, health, and retail services and offers a variety of opportunities and activities for all interests. Approved by DEM 120710.

FEB 11-34

OHIO, CLEVELAND.

Maxine Goodman Levin College of Urban Affairs, Cleveland State University, Cleve-

land, OH. **Assistant Professor in Urban Studies/Community Development.**

The Maxine Goodman Levin College of Urban Affairs at Cleveland State University seeks applications for a tenure track faculty member in urban studies at the assistant level. The position will start in August 2011. The newly hired faculty member must be able to contribute to our national ranking in urban policy/city management and be able to support the university's mission in engaged learning and its cross-campus initiatives in health and sustainable communities. The faculty member will teach in both graduate and undergraduate programs as needed.

We seek a colleague with expertise and training in urban studies broadly, with a specialization area in community/neighborhood development. Hiring is contingent on maintaining existing levels of funding from the state of Ohio. Minimum Qualifications: PhD in urban studies, urban or public policy, urban planning, urban sociology, geography, or a related field; ABD candidates must confirm completion of all requirements for the PhD by July 1, 2011.

Demonstrated research in urban studies/community and neighborhood development. Ability to teach undergraduate urban studies and urban policy and graduate urban policy/community development courses. Preferred Qualifications: Potential for engaged scholarship and thought leadership that will contribute to the areas of urban studies, urban policy and community development. A demonstrated research interest and/or professional experience in one or more of the following areas: neighborhood/community planning and development, demographic change, diversity management, nonprofit organizations, community engagement, community governance, or housing/real estate development.

Application Requirements: Applicants should submit a letter of interest, a curriculum vita, a sample syllabus. The letter of interest should include courses currently offered at the Levin College he or she is qualified to teach as well as a recommendation for a new course. A list of three references with contact information should be included and the letters sent under separate cover. The University does not accept electronic applications.

Apply: A hard copy of all materials should be sent to: Dr. William Bowen, Chair, Search

Committee c/o Ms. Valerie Hicks, Department of Urban Studies, Levin College of Urban Affairs, Cleveland State University, 2121 Euclid Avenue, Cleveland, Ohio 44115.

Review of applications will begin on December 10, 2010. Applications received by this date will be given full consideration. Open until filled. The Maxine Goodman Levin College of Urban Affairs webpage can be found at: <http://urban.csuohio.edu>.

JAN 11-13

OHIO, CLEVELAND.

Maxine Goodman Levin College of Urban Affairs, Cleveland State University, Cleveland, OH. **Assistant Professor in Urban Policy/Economic Development.**

The Maxine Goodman Levin College of Urban Affairs at Cleveland State University seeks applications for a tenure track faculty member in urban policy at the assistant level. The position will start in August 2011. The newly hired faculty member must be able to contribute to our national ranking in urban policy/city management and be able to support the university's mission in engaged learning and its cross-campus initiatives in health and sustainable communities. The faculty member will teach in both graduate and undergraduate programs as needed.

We seek a colleague with expertise in urban policy issues broadly, with a specialization area in policies and practice of local/regional economic development. Hiring is contingent on maintaining existing levels of funding from the state of Ohio. Minimum Qualifications: PhD in urban studies, urban/public policy, economic development, urban planning, geography, public administration, or a related field; ABD candidates must confirm completion of all requirements for the PhD by July 1, 2011.

Demonstrated research in urban policy/economic development field. Ability to teach undergraduate courses in urban studies and urban policy and graduate courses in urban policy, including economic development. Preferred Qualifications: Potential for engaged scholarship and thought leadership that will contribute to the areas of urban policy and economic development. A demonstrated research interest and/or professional experience in one or more of the following areas: economic development strategies,

the practice and process of local economic development, formulation and evaluation of economic development policies, or sustainable urban development/green economy.

Application requirements: Applicants should submit a letter of interest, a curriculum vita, a sample syllabus. The letter of interest should include courses currently offered at the Levin College he or she is qualified to teach as well as a recommendation for a new course. A list of three references with contact information should be included and the letters sent under separate cover. The university does not accept electronic applications.

Apply: A hard copy of all materials should be sent to: Dr. William Bowen, Chair, Search Committee c/o Ms. Valerie Hicks, Department of Urban Studies, Levin College of Urban Affairs, Cleveland State University, 2121 Euclid Avenue, Cleveland, Ohio 44115.

Review of applications will begin on December 10, 2010. Applications received by this date will be given full consideration. Open until filled. The Maxine Goodman Levin College of Urban Affairs webpage can be found at: <http://urban.csuohio.edu>.

JAN 11-06

***OHIO, COLUMBUS.**

SBS Diversity Postdoctoral Fellowships. The Division of Social and Behavioral Sciences Diversity Postdoctoral Fellowship Program in the College of Arts and Sciences at The Ohio State University supports promising scholars who are committed to diversity in the academy and to prepare those scholars to enter tenure track faculty positions. We are particularly interested in receiving applications from individuals who are members of groups that historically have been underrepresented in the American professoriate.

Fellows will be affiliated with one of the eight academic units of the Division of Social and Behavioral Sciences: Anthropology, Economics, Geography, Communication, Political Science, Psychology, Sociology, and Speech and Hearing Science (additional information at <http://sbs.osu.edu>). The Division also houses four interdisciplinary research units: the Criminal Justice Research Center, the Center for Human Resource Research, the Center for Urban and Regional Analysis, and the Initiative in Population Research. Fellows may also have the opportunity to participate in the activities

of the Kirwan Institute for Race and Ethnicity, a multidisciplinary center founded jointly by the Divisions of Social and Behavioral Sciences and Humanities; and the College of Law.

Eligibility: Applicants must have completed all requirements for a doctoral degree in the social sciences by August 2011. Preference will be given to individuals who are within five years of their degree. Applicants must be committed to an academic career. Applicants must be citizens of the United States.

Awards: Up to three fellowships will be awarded. The appointments are intended for two years, with re-appointment for the second year contingent upon a successful performance review. The appointments will begin in September 2011. The fellowships provide a \$40,000 annual stipend, university medical benefits, and some support for travel and research expenses.

Application Process: Required application materials: (1) Applicants should clearly identify a unit within the Division of Social and Behavioral Sciences at OSU with which they would be affiliated during the Fellowship period, and are encouraged to suggest one or more tenured faculty members within that unit who could serve as a host and mentor; (2) a curriculum vitae; (3) a one page dissertation abstract; (4) a statement outlining the specific research proposed to be undertaken during the Fellowship period, and the significance of that research (four-page limit, double-spaced); (5) a personal statement describing the applicant's background and commitment to the goal of diversity in higher education (three-page limit, double-spaced). Applicants should submit all of these materials electronically in Microsoft Word. (Please identify all of the documents with the last name and document type, e.g., smithcv.doc or smithresearchstatement.doc.) In addition, three letters of recommendation should be submitted electronically.

Apply: All materials must be received by February 15, 2011, and should be submitted to SBSPostdocs@asc.ohio-state.edu. Questions can be directed to Prof. Ruth D. Peterson (peterson.5@sociology.osu.edu).

FEB 11-61

***PENNSYLVANIA, JOHNSTOWN.**

The University of Pittsburgh at Johnstown, a four-year undergraduate college of the

University of Pittsburgh, invites applications for a non-tenure-track position as **Instructor of Cartography and Geographic Information Systems (GIS)**, beginning September 2011. Initial appointment is for three years and contract is subject to renewal. Teaching load is four courses (12 credits) per semester.

We expect the successful candidate to teach courses in cartography, GIS, and introductory geography and/or environmental studies. We also welcome applicants that are interested in teaching upper-level environmental courses that may include resource management, energy, water resources, environmental geography, and remote sensing. PhD is preferred. ABD will be seriously considered. The candidate should be committed to quality undergraduate teaching and preferably have some teaching experience at the collegiate level. The Department of Geography offers a B.A. in Geography and an inter-disciplinary B.A. in Environmental Studies. The ideal candidate should be able to contribute to both programs. University of Pittsburgh at Johnstown has approximately 3,000 students with an emphasis on small class size and close faculty-student interaction. Our campus computer labs support ArcGIS (ArcInfo 10.0) and Idrisi Taiga. The Department of Geography is also the editorial home of the *Pennsylvania Geographer*.

Apply: Send a cover letter, curriculum vitae, photocopies of transcripts, and evidence of teaching effectiveness (if available) to: Dr. Ola Johansson, Search Committee Chair, Department of Geography, 450 Schoolhouse Road, Johnstown, PA 15904 (or submit application materials electronically as PDF's to johans@pitt.edu).

Applicants should also arrange to have three current original letters of reference sent directly to the search committee. Review of applications will begin immediately and continue until the position is filled. The University of Pittsburgh at Johnstown is an Affirmative Action/Equal Opportunity Employer, and encourages applications from women and members of minority groups.

FEB 11-62

***SOUTH CAROLINA, GREENVILLE.**

Furman University, **Sustainability Science, Post-Doctoral ACS Teaching Fellow (Two Year Appointment)**. Furman University seeks

candidates for a two-year, full-time Post-Doctoral Fellowship in **Environmental Sociology** that will participate in our interdisciplinary Sustainability Science major. The position is a joint appointment in the Departments of Earth and Environmental Sciences and Sociology and is affiliated with the Shi Center for Sustainability. This Fellowship is supported by the Associated Colleges of the South (ACS) with grant funds received from the Andrew W. Mellon Foundation. The appointment will be for the academic years 2011-2012 and 2012-2013. The start date is August 2011.

The successful candidate will have a research agenda that supports Furman's new major in Sustainability Science. The candidate will teach three courses per year in the Sustainability Science major and be mentored by senior faculty affiliated with the major. We desire a candidate who applies sustainability theory and practice to local and regional contexts, engages students in research, and promotes interdisciplinary interactions across campus.

A PhD (earned within the last five years) is required, most preferably in the area of environmental sociology, but candidates with expertise in other fields (e.g., geography) will be considered. Expertise or considerable experience in Geographical Information Systems (GIS) will be considered an asset. For more information regarding this position and the sustainability science major, see <http://www2.furman.edu/academics/sustainability/Pages/default.aspx>.

Located in Greenville, SC, Furman University (www.furman.edu) is a highly selective independent liberal arts college of 2,650 students.

Apply: Interested candidates should submit PDFs of a cover letter, curriculum vitae, graduate transcripts (unofficial copies accepted), statements of teaching and research philosophies, and contact information for three references to: humanresources@furman.edu.

Place Furman Environmental Sociology ACS Post-Doctoral Fellowship in the subject. Priority will be given to applications received by February 11, 2011.

Furman University is an Equal Opportunity employer committed to increasing the diversity of its faculty.

FEB 11-028

TEXAS, KINGSVILLE.

The Department of Physics & Geosciences at Texas A&M University-Kingsville invites applications for a tenure-track **Assistant Professor of Geosciences** with expertise in Remote Sensing/Geographic Information Science and atmospheric/oceanographic sciences, beginning August 2011. Primary responsibilities of the faculty member will be to: 1) offer undergraduate courses in GIS and physical geography (meteorology/oceanography); 2) coordinate the GIS Certificate Program; 3) develop a program for undergraduates in GIS; and 4) help establish an Interdisciplinary GIS Center.

Candidates must be comfortable working across disciplines, teaching courses to a diverse student clientele, and mentoring undergraduate research projects. The ability to obtain external funding is vital, as is an overall commitment to excellence in teaching, research, and service. A Ph.D. in Geography is preferred, although applicants with a PhD in atmospheric science/oceanog-

raphy will be considered. Salary and benefits are competitive.

Apply: Applicants need to submit a letter describing research and teaching interests, CV, evidence of teaching excellence, copies of publications and contact information for three references by visiting <https://javjobs.tamuk.edu>.

For questions, contact Dr. Thomas McGehee, Chair, Geosciences Search Committee at kftlm00@tamuk.edu or 361-593-3590. Applications will be reviewed until the position is filled.

JAN 10-19

UTAH, SALT LAKE CITY.

University of Utah. The Department of Geography at the University of Utah in Salt Lake City invites applications for a tenure-track position at the **Assistant Professor** level starting July, 2011. The successful applicant will be engaged in research in **medical and/or health geography**, specifically in Disease Ecology, Environmental-

Spatial Epidemiology, Public Health, and/or Population Health.

Preference will be given to candidates with strong quantitative, computational and/or GIS skills. The ability to collaborate with faculty within the Department of Geography and participate in interdisciplinary research at the University of Utah is highly desirable. Also desirable is the ability to teach and support research in spatial statistics and analysis, courses in the candidate's area of expertise and core human geography courses.

The University of Utah has unparalleled opportunities for collaborative research on public health and epidemiology issues. The College of Social and Behavioral Science has a program in behavioral health science and a new Veterans Studies Center. The School of Medicine has programs in public health, family and preventive medicine, pediatrics, medical informatics and nursing informatics. Associated with the university health sciences complex is the Huntsman Cancer Institute, a world-class clinical and research institute that maintains the unique Utah Population Database with demographic, genetic and family history records for approximately 6.4 million individuals. The Department of Geography's DIGIT laboratory and the state Automated Geographic Reference Center maintain abundant and available GIS data for the state and have active collaborations with the medical and health communities.

Applications should consist of a letter of application, vitae, statement of research, statement of teaching, teaching evaluations (if available), and the names, addresses, phone numbers and email addresses of exactly four references.

Apply: Applications will only be accepted electronically. Please submit your application as a single PDF file to healthposition@geog.utah.edu.

The due date for applications is February 18, 2011; applications received after the deadline may be considered until the position is filled. For more information on the Department of Geography, see www.geog.utah.edu. Questions on the position can be directed to George F. Hepner, Chair george.hepner@geog.utah.edu.

The University of Utah values candidates who have experience working in settings with students from diverse backgrounds, and possess a strong commitment to improving

GEORGE MASON UNIVERSITY

ASSISTANT PROFESSOR

GEOGRAPHY AND GEOINFORMATION SCIENCE

The George Mason University, Department of Geography and Geoinformation Science (<http://ggs.gmu.edu/>) invites applications for a faculty position at the Assistant Professor level beginning August 2011 with specialization in quantitative human geography.


An interest in working with applications of quantitative human geography in the area of geospatial intelligence will be considered an asset. A Ph.D. in geography, geoinformation science, engineering or a closely related area is required at the time of appointment. We seek candidates who will conduct research and teach both core and advanced courses in the modeling and analysis of one or more of the following areas: geodemographics, political geography, economic geography, social networks, virtual environments, social complexity and complex adaptive systems, or other related topics especially as they relate to geospatial intelligence.

The successful candidate should have a strong commitment to research and teaching excellence, and is expected to develop an externally funded research program. Strong consideration will be given to candidates with demonstrated research and teaching experience, expertise in one or more of the above-mentioned areas, and with excellent oral and written communication skills. A proven record of external research funding, as well as graduate student supervision, is highly desirable. In addition, the ability to work in interdisciplinary research teams would be considered an asset.

George Mason University is an innovative, entrepreneurial institution with national distinction in a range of academic fields. Enrollment is over 32,000, with students studying in over 185 degree programs at campuses in Arlington, Fairfax, Loudoun and Prince William.

This position will be open until filled. To ensure full consideration, candidates should submit their faculty applications for position F9442z at <http://jobs.gmu.edu> by February 15, 2011.

*George Mason University is an equal opportunity employer
encouraging diversity.*



access to higher education for historically underrepresented students. The University of Utah is fully committed to affirmative action and to its policies of nondiscrimination and equal opportunity in all programs, activities, and employment.

Employment decisions are made without regard to race, color, national origin, sex, age, status as a person with a disability, religion, sexual orientation, gender identity or expression, and status as a protected veteran. The University seeks to provide equal access for people with disabilities. Reasonable prior notice is needed to arrange accommodations. Evidence of practices not consistent with these policies should be reported to Director, Office of Equal Opportunity and Affirmative Action, (801) 581-8365 (V/TDD).

JAN 11-11

***VIRGINIA, BLACKSBURG.**

Graduate Research Assistantship for a Masters' or PhD student at Virginia Tech to support the Gender Global Theme in the Integrated Pest Management Collaborative Research Support Program (IPM CRSP) (<http://www.oired.vt.edu/ipmcrsp>) beginning fall 2011. Application deadline is March 1st or until position is filled. IPM CRSP, funded by USAID, is a global, multidisciplinary program that develops and implements approaches to integrated pest management to help raise the standard of living and improve the environment in countries in Asia, Africa, and Latin America. The successful applicant must conduct thesis/dissertation field research in a location to be determined in consultation with the advisor and apply a cultural and political ecology approach to gendered spaces and gendered knowledge in IPM. The student will work directly with the Women in International Development Program (<http://www.oired.vt.edu/wid>) of the Office of International Research, Education and Development (<http://www.oired.vt.edu>) at Virginia Tech. Responsibilities include developing research instruments, analyzing data, producing publishable papers, and preparing workplans and reports for the gender program in IPM CRSP. Funding includes tuition and fees, and a 12-month stipend. See <http://www.oired.vt.edu/GRA-IPM-Gender-Global-Theme.html> for further information.

FEB 11-36

***VIRGINIA, BLACKSBURG.**

PhD Mapping Ecosystem Services. Help examine how regulating services (RS) enhance resilience of aquatic ecosystems. Shared tasks: a) estimate current capacity of and demand for RS in/near US Department of Defense lands, b) forecast effects of changes in land use, climate, sea level on capacity of and demand for RS, c) develop methods for evaluating additional ecosystem services. Work will focus on sediment/nutrient regulation and flood/drought modulation. Candidate will lead data analysis and report writing while completing PhD coursework.

Qualifications: Master's in landscape ecology, geography, ecological economics, or related discipline; ability to work independently and publish research findings; strong writing, speaking, GIS, and statistical skills; experience with large geo-spatial datasets and watershed modeling (e.g. SWAT). \$20,500 - 22,000/yr plus tuition. Starts June 1, 2011.

Apply: Send letter of interest, resume, GREs, names of three references to: Paul Angermeier, Department of Fisheries and Wildlife Sciences, Virginia Tech, Blacksburg, VA 24061-0321; 540-231-4501; biota@vt.edu.

FEB 11-33

VIRGINIA, RICHMOND.

The University of Richmond invites applications for an **environmental post-doctoral fellow** to begin summer 2011. The successful candidate will join our team for two years to pursue climate change related research from an interdisciplinary perspective and to develop teaching experience in the liberal arts tradition. Located adjacent to the James River, the University's urban location provides abundant opportunities to directly explore the impact of climate change on the environment, the demands that high-density settings create for residents, and how these might be influenced by a changing climate. The position offers a teaching load of two courses per year, supported research, and mentoring from a diverse project team including a landscape ecologist, political and economic geographer, social psychologist, marine biologist, and geologist.

Applicants must have received a PhD in an area related to environmental studies within the last five years. Preference will be

given to candidates with expertise in watershed science in urban settings. Candidates with remote sensing experience and/or strong quantitative training in modeling social and physical processes are especially encouraged to apply.

Apply: Applicants should apply online at <http://www.urjobs.org> using the Staff (Salaried) link. Applicants will be asked to supply electronically a letter of application and curriculum vitae and should arrange for three letters of recommendation to be sent electronically to Dr. Todd Lookingbill at tlooking@richmond.edu. Review of applications will commence immediately and continue until the position is filled.

The University of Richmond is committed to developing a diverse workforce and student body and to being an inclusive community. We strongly encourage applications from candidates who will contribute to these goals. For more information on the program, resources, and teaching assignments, see <http://environmental.richmond.edu>. The position is funded by a grant from the Andrew W. Mellon Foundation to the Associated Colleges of the South.

JAN 11-25

WEST VIRGINIA, ATHENS.

Concord University invites applications for a tenure-track **Assistant Professor** position in **physical geography and GIS** to begin August 2011. The PhD in geography is required at the time of appointment. A scholarly interest in a European, African, or Asian region is desirable. The successful applicant will demonstrate a strong commitment to undergraduate teaching and will be encouraged and supported in their pursuit of research and external funding. Concord University is a state-supported regional university of approximately 3,000 students. The geography program offers a B.A. in geography that may be complemented with an area of emphasis in cartography and GIS or in pre-environmental law. At the graduate level, M.Ed. students may complete a content specialization in geography. Concord University hosts the West Virginia Geographic Alliance and the Conference on Appalachian Geography.

Application review will start immediately and continue until the position is filled.

Apply: Please send cover letter, curriculum vita, and three letters of reference to Concord

University, Human Resources, PO Box 1000, Athens, WV 24712.

Concord University is an affirmative action/equal opportunity employer. Women, minorities, and persons with disabilities are encouraged to apply.

JAN 11-24

***WISCONSIN, MENASHA.**

The University of Wisconsin Colleges Department of Geography and Geology seeks a **broadly-trained geographer** as a tenure-track **Assistant Professor** at the University of Wisconsin-Fox Valley (<http://www.uwfox.uwc.edu>), to begin August, 2011. UW-Fox is located in Menasha, WI, and is one of 13 campuses of the UW Colleges (<http://www.uwc.edu>). The UW Colleges provide a freshman-sophomore liberal arts education and emphasize excellence in teaching in a variety of formats. Teaching responsibilities may include world regional and cultural geography, soils, introduction to GIS, and introductory physical geography. PhD in the Geography or related field by the time of appointment.

Apply: For more information about the position and application: <http://www.uwc.edu/jobs/faculty>. To be assured consideration applications must be received by January 19, 2011. The UW Colleges is an affirmative action/equal opportunity employer.

FEB 11-38

INTERNATIONAL

***AUSTRALIA, BRISBANE.**

School of Geography, Planning and Environmental Management, the University of Queensland. **Tenured Track Full Professor in Environmental Management.**

The University of Queensland is one of the world's top 50 universities. This is based on a strong culture of support for innovative, high quality research. The School of Geography, Planning and Environmental Management consists of a dynamic group of academics, researchers and students, with a focus in the disciplines of Geography, Environmental Management, Planning and Development. The School has a strong international research profile with active, productive Research Centers. The School offers a

range of undergraduate programs including professionally accredited degrees and a suite of Masters degrees by coursework, and postgraduate training in research via the Master of Philosophy and Doctor of Philosophy degrees.

The role: The School seeks a high caliber strategic leader for its environmental management program. The successful candidate will be expected to enhance the breadth and quality of the teaching program, grow postgraduate research activity, and increase the scale and focus of research in environmental management. The position will actively engage with external organizations to enhance the profile of the University in environmental management, and play a senior leadership role in the School.

The person: The ideal applicant will possess a PhD in environmental management or a related discipline. They will be a world-class researcher and high-quality educator, with demonstrated experience in a leadership role, excellent inter-personal skills, and the vision and desire to develop an outstanding environmental management program.

Remuneration: The remuneration package will be AUD\$145,899 p.a., plus employer superannuation contributions of 17% (total package will be AUD\$170,702 p.a.). This is a full-time, continuing appointment at **Academic Level E**, which includes an attractive start-up package.

Contact: Obtain the position description and selection criteria online at <http://www.jobsatUQ.net/>. To discuss the role contact Professor James Shulmeister, telephone +61-7-3346-7010 or email hr@gpem.uq.edu.au.

Applications close: March 25, 2011. Reference No: 3023156.

Apply: Go to <http://www.jobsatUQ.net/> to obtain a copy of the position description and application process. Applications may be lodged in electronic or hard copy form.

UQ is an equal opportunity employer.

FEB 11-57

***AUSTRALIA, BRISBANE.**

School of Geography, Planning and Environmental Management, the University of Queensland. **Tenured Track Full Professor in Planning (Environment/Sustainability Focus).**

The University of Queensland is one of the world's top 50 universities. This is

based on a strong culture of support for innovative, high quality research. The School of Geography, Planning and Environmental Management consists of a dynamic group of academics, researchers and students, with a focus in the disciplines of Geography, Environmental Management, Planning and Development. The School has a strong international research profile with active, productive Research Centers. The School offers a range of undergraduate programs including professionally accredited degrees and a suite of Masters degrees by coursework, and postgraduate training in research via the Master of Philosophy and Doctor of Philosophy degrees.

The role: The School seeks a high caliber strategic leader for its planning program, specifically to expand its capabilities in the area of environmental and /or sustainable planning. The successful candidate will be expected to enhance the breadth and scope of the teaching program, grow postgraduate research activity, and increase the scale and focus of research. The position will actively engage with external organizations to enhance the profile of the University in planning and play a senior leadership role in the School.

The person: The ideal applicant will possess a PhD in planning. The appointment will be made in a field consistent with the School's focus on the biophysical environment, human activity, and decision making for sustainability and will be in the general area of environmental planning. Possible interests could include, but are not limited to, sustainable urban systems, impacts of urban growth, environmental conservation, or sustainable development. The successful candidate will be a world-class researcher and high-quality educator, with excellent inter-personal skills and the vision and desire to lead a quality planning program to become outstanding.

Remuneration: The remuneration package will be AUD\$145,899 p.a., plus employer superannuation contributions of 17% (total package will be AUD\$170,702 p.a.). This is a full-time, continuing appointment at **Academic Level E**, which includes an attractive start-up package.

Contact: Obtain the position description and selection criteria online at <http://www.jobsatUQ.net/>. To discuss the role contact

Professor James Shulmeister, telephone +61-7-3346-7010, or email hr@gpem.uq.edu.au. Applications close: March 25, 2011. Reference No: 3023155.

Apply: Go to <http://www.jobsatUQ.net/> to obtain a copy of the position description and application process. Applications may be lodged in electronic or hard copy form.

UQ is an equal opportunity employer.
FEB 11-58

CANADA, ONTARIO, KINGSTON.

Robert Gilbert Post-Doctoral Fellowship, Department of Geography, Queen's University at Kingston, Ontario. Queen's University Geography Department welcomes applications from excellent junior scholars in **Earth System Science, environmental research, or the impact of human activity on the Earth System** for a two-year Robert Gilbert Post-Doctoral Fellowship appointment. Salary will start at \$40,000 plus benefits, with the possibility of an additional teaching stipend (for one semester-length course). Any teaching component of this position would be governed under the QUFA Sessional Agreement. The criteria for distinguishing between candidates are: excellence, the quality of the research proposal (max 1,000 words, crafted in consultation with full-time faculty in the Department), and the relevance of the research to that of full-time faculty. Applicants must be within two years of their PhD.

Apply: Applications should be sent to Paul Treitz, Head, Department of Geography, Queen's University, Kingston, ON, K7L 3N6 paul.treitz@queensu.ca and should include a curriculum vita and the names of three referees, in addition to the research proposal.

Except where prohibited by the terms and conditions imposed by the granting agency, applicants must also have applied for a major postdoctoral fellowship (e.g. NSERC PDF). Applications will begin to be reviewed on February 1, 2011 and will continue until the position is filled. Start date is flexible.

The department welcomes applications from women, visible minorities, aboriginal people, persons with disabilities, and persons of any sexual orientation or gender identity. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority.

JAN 11-16

CANADA, ONTARIO, KINGSTON.

Post-Doctoral Fellowship – renewable energy development & deployment – Department of Geography, Queen's University at Kingston, Ontario. Queen's University Geography Department welcomes applications from excellent junior scholars in Earth System Science, environmental research, or the impact of human activity on the Earth System for a **one-year Post-Doctoral Fellowship appointment**.

Salary will start at \$40,000 plus benefits. The successful candidate will have a demonstrated expertise in geographical information systems (GIS) and/or life cycle assessment pertaining to energy systems; knowledge of forestry, agriculture, energy cropping, or policy is helpful. The funding for this position comes from a combination of NSERC Strategic Network grants; the successful candidate will participate in these Networks and will benefit from interacting with scholars from across the country during the course of research. There is potential for the successful candidate to apply for and hold a Term Adjunct teaching appointment; any teaching component of this position would be governed under the Collective Agreement between Queen's and QUFA. The criteria for distinguishing between candidates are: excellence of the candidate, and the relevance of their research experience to the areas of interest.

Apply: Applications should be sent to Warren Mabee, Assistant Professor, Department of Geography, Queen's University, Kingston, ON, K7L 3N6 warren.mabee@queensu.ca and should include a detailed curriculum vita and the names of three referees.

Applicants may also have applied for a major postdoctoral fellowship (e.g. NSERC PDF). Applications will begin to be reviewed on February 1, 2011 and will continue until the position is filled. Start date is flexible.

The department welcomes applications from women, visible minorities, aboriginal people, persons with disabilities, and persons of any sexual orientation or gender identity. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority.

JAN 11-17

CANADA, ONTARIO, LONDON.

The Department of Geography at The University of Western Ontario is seeking applications for a probationary (tenure-track) position for a **Physical Geographer** with expertise in environmental change at the rank of **Assistant Professor** commencing July 1 2011. We seek an outstanding individual with demonstrated commitment to excellence in research and teaching. The candidate must have a PhD and a strong record of scholarly activity. Applicants are sought in support of a strategic focus on populated landscapes and human modification of landscapes and processes. The perspective may be temporal or spatial at local to global scales combined with expertise in field, lab or computer techniques.

The successful applicant is expected to have a strong background and research record/potential in physical sciences, yet to be comfortable and capable of graduate and undergraduate teaching/supervising, and researching within a Social Science faculty and on collaborative projects combining the natural and social sciences. The appointment is intended to consolidate the Physical Geography cluster within the department and to bring complementary skills pertinent to other strategic foci on Urban Systems, Geographic Information Science, and Environment, Development and Health. Potential collaboration with other groups across campus, such as Environment and Sustainability, is an asset. Further information about the Department may be found at: <http://geography.ssc.uwo.ca/>.

The appointment is subject to final budgetary approval. Salary will be commensurate with experience.

Apply: Applications, including a statement of research and teaching interests, current curriculum vitae and the names and addresses of three referees, together with their e-mail, fax and telephone numbers, should be sent to: Dr. Dan Shrubsole, Professor and Chair, Department of Geography, The University of Western Ontario, 1151 Richmond St. N., SSC 2322, London, Ontario, N6A 5C2, Canada. Tel: (519) 661-3126; Fax: (519) 661-3750; E-mail: dashrubs@uwo.ca.

Closing date: January 14, 2011 or until position is filled. E-mailed applications will not be accepted.

Applicants should have fluent written and oral communication skills in English. All

qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority. The University of Western Ontario is committed to employment equity and welcomes applications from all qualified women and men, including visible minorities, aboriginal people and persons with disabilities.

JAN 11-15

***CHINA, BEIJING.**

Faculty Positions in Geographical and Ecological Sciences at Tsinghua University, (Beijing, China, 100084), Center for Earth System Science with a focus on global change issues, invites applications for **4 tenure-track or tenured positions in geographical and ecological sciences at the Assistant, Associate or Full Professor level** (in reference to major research universities in the U.S. or Canada). The appointments will be for 9 months with salary (between 200,000 to 800,000 RMB) commensurate with experience and qualifications. The positions will be available starting as soon as can be mutually agreed, and will remain open until filled.

Applicants should have expertise in geographical and ecological sciences, numerical simulation, or other related fields. Successful candidates will develop independent research that complements existing strengths in earth system modeling and global change studies in the Center. Each appointee will be expected to develop a program of research in one or more of the following areas with more detailed description found in <http://cess.tsinghua.edu.cn>: land surface physical processes, terrestrial biogeochemistry, land change science, ecosystem science.

Applicants must have a PhD in a field appropriate for the research area. Teaching responsibilities will include an undergraduate lecture-laboratory course or the development of a graduate course in an area consistent with the individual's area of interest and Center needs.

Tsinghua University plans to establish an Earth Science College with undergraduate education beginning in 2013. Interested candidates should apply by submitting a cover letter stating research and teaching interests and job requirements, and providing the following: (1) CV; (2) list of publications; (3) 3-5 representative research papers; (4) copies of certificates for patents, current position held,

and highest degree; (5) 3 letters of recommendation in English; and (6) a passport-type photo. Review of the first group of applicants will begin on April 10, 2011.

Apply: Applications should be submitted to Dr. Haiping Wu, Center for Earth System Science, 607 Weiqing Building, Tsinghua University, Beijing, China, 100084, email: cess@mail.tsinghua.edu.cn; telephone: 86-10-6278-1605.

FEB 11-54

***CHINA, SHANGHAI.**

Shanghai Key Laboratory for Urban Ecology and Sustainability (SKLUES), East China Normal University, Shanghai, China invites nominations and applications for **multiple tenure-track, open-rank faculty positions**, beginning May 1st, 2011.

In an effort to form a trans-disciplinary research team to study complex issues pertaining to urban sustainability, SKLUES seeks up to 15 scholars whose expertise areas focus on the **intersection of urban ecology, society, and economy, all broadly defined**. These expertise areas include, but are not limited to, 1. urban modeling, simulation, and visualization; 2. urban sustainability planning; 3. regional and environmental economics; 4. urban ecological security (biodiversity, land subsidence, urban geological hazards, critical infrastructure protection, flood prevention, and emergency management); 5. public health; 5. urban sociology and anthropology; 6. an open-field relevant to the mission of SKLUES. For detailed information about these openings, please contact Professor Wei-Ning Xiang, Chair of the search committee, at wxiang@mail.ecnu.edu.cn.

Basic qualifications include a PhD in a related field by the start date of the appointment; evidence of a high-quality research agenda; a track record of/or potential for excellence in research, scholarship, and teaching; capability of working in a trans-disciplinary team; and competence to teach classes in English. Scholars whose native language is not Chinese are welcome and encouraged to apply.

Application materials should be submitted electronically to the attention of Professor Wei-Ning Xiang at wxiang@mail.ecnu.edu.cn. A complete application package includes a letter of application addressing applicant's qualifications for the position; a curricu-

lum vita; a statement outlining current and future research and teaching interests; three to five papers (published or in progress); names, affiliations, and email addresses of five referees. The review will begin on January 1st, 2011, and continue on a rolling basis until all positions are filled.

The East China Normal University is one of China's primary national research institutions under the prestigious *Project 211* and *Project 985* (<http://www.ecnu.edu.cn/english/>). It offers a competitive compensation and startup package, commensurate with the candidate's experience and accomplishments.

FEB 11-44

***IRELAND, CORK.**

University College Cork (UCC) seeks an outstanding appointee for the full-time permanent position of **Professor of Geography**. The appointment is open to candidates from any established branch of Geography. The appointee will initially be expected to serve as Head of Department. This appointment forms the critical vision-building position that UCC needs to continue developing the discipline at university, national and international levels. In addition to providing strong academic leadership, the successful candidate will contribute to the ongoing development and delivery of undergraduate and postgraduate programs, as well as PhD supervision. S/he will have a scholarly reputation of international standing, hold a doctorate in a recognized field of Geography and/or cognate area, and possess a significant track-record of sustained internationally published research and a proven record of seeking and obtaining substantial funding for research. The appointee will have a well-developed strategic view for the role of Geography in the 21st century, a proven commitment to excellence in research, teaching and curriculum development and will provide innovative academic leadership to the Department within the School of Geography and Archaeology: the Human Environment. For further information see www.ucc.ie/hr/vacancies/academic.

FEB 11-37

***ISRAEL, HAIFA.**

The Department of Geography and Environmental Studies at University of Haifa invites applications for a tenure-track position. A

PhD in Geography (or equivalent) is required. We seek an outstanding scholar. The ideal candidate will have a specialty in **economic, political and/or transportation geography**. The position entails high quality research and involves teaching broad economic, political and/or transportation geography courses on the undergraduate level and more specialized topics on the graduate level. The teaching language is Hebrew.

Apply: an email letter with a statement of research and teaching interests, current CV, names and email addresses of three

professional references should be sent to Prof. Deborah Shmueli, Department Chair, at: deborah@geo.haifa.ac.il.

Reviews of submitted applicants will commence March 1, 2011 and continue until the position is filled. Information about the University of Haifa can be found at: <http://www.haifa.ac.il/>; and specific information about the Department of Geography and Environmental Studies at: <http://geodep.haifa.ac.il/>. Final appointment is at the discretion of the Rector of University of Haifa.

FEB 11-53

*ISRAEL, HAIFA.

The Graduate Program in Urban and Regional Planning at the Faculty of Architecture and Town Planning, Technion – Israel Institute of Technology invites applications for **three tenure-track positions** to commence Fall 2011. For more details applicants are invited to look in the Faculty Website: <http://arc.technion.ac.il>, or to open the direct link of the call at <http://arc.technion.ac.il/uploads/vacancy2011.pdf>. Prof. Amnon Frenkel, Program Chair amnonf@tx.technion.ac.il.

FEB 11-63 ■

Necrology

James O. Wheeler

James O. Wheeler, the Merle Prunty, Jr., Professor Emeritus, Department of Geography, University of Georgia, died at his home in Athens, Georgia, on Thursday, December 9, 2010. Born in Muncie, Indiana, on March 7, 1938, he was the son of educators Emerson Franklin Wheeler and Ruby Rachel McCreery Wheeler. He attended Indiana public schools and received his undergraduate degree from Ball State Teachers College (now Ball State University). After teaching English and geography in junior high and high school, he began graduate work at Indiana University, where he was awarded the M.A. in 1963 and the Ph.D. in 1966.

Wheeler's early teaching career at the college level included positions at Indiana University (Gary), Ohio State University, Western Michigan University, and Michigan State University. In 1971, he joined the faculty of the University of Georgia's Department of Geography, where he served as department head from 1975 to 1983. He advised graduate students and taught until his retirement in 1999, and his active professional life of writing and research continued until his death.

Wheeler served as head of two divisions of the Association of American Geographers, first as chair of the East Lakes Division and later as president of the Southeastern Division. He published nu-

merous research articles and authored two widely used textbooks, *Economic Geography* and *Urban Geography*. He was a founding editor of the journal *Urban Geography*, which he co-edited from 1980 to 2003. In addition, from 1992 to 2003 he served as editor of the *Southeastern Geographer*.

Wheeler was inducted into Phi Kappa Phi and received the Creative Research Medal from the University of Georgia, Honors from the Association of American Geographers, and the Southeastern Division of the AAG's (SEDAAG) Research Award, Outstanding Service Award, and Lifetime Achievement Award.

Andrew Isserman

Andrew Isserman, a passionate scholar and devoted teacher whose work focused on urban and regional analysis, died recently following a heart attack suffered during a faculty basketball game at the University of Illinois, Urbana.

Born in New York and raised on various army bases in Europe, Isserman studied economics at Amherst and earned his Ph.D. at the University of Pennsylvania. He taught at the University of Iowa, West Virginia University, and the University of Illinois, focusing on urban planning and agricultural economics. He was well known for introducing new methods of forecasting economic and demographic change. In addition, his research on federal policy

(he worked at various times with the U.S. Departments of Agriculture, Commerce, Defense, Energy, Housing and Urban Development, Interior, and Transportation) contributed to significant changes in several federal programs.

At the University of Illinois, Isserman was Professor of Regional Economics, Planning and Public Policy with primary appointments in the departments of Agricultural and Consumer Economics and Urban and Regional Planning. He held affiliate appointments in the Institute of Government and Public Affairs and the Department of Geography.

Isserman was the founding editor of the *International Regional Science Review*. He is listed as one of the 50 faculty members with the greatest number of citations in urban and regional planning. Isserman received numerous awards or fellowships from the American Planning Association, the American Statistical Association, the National Council for Geographic Education, and the Regional Science Association International. His activities in regional science were extensive. He served as President of the Southern Regional Science Association in 1991-1992. In 1999, he received the David Boyce Award for Service to Regional Science of the North American Regional Science Council, and in 2005 he was President of the North American Regional Science Council. ■

Information for necrologies may be sent to newsletter@aag.org.

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2011

FEBRUARY

17-19. The 7th Savannah Symposium, "The Spirituality of Place." Savannah, GA. www2.scad.edu/architectural-history/symposium/2011/.

MARCH

24-25. 42nd Annual South Dakota State Geography Convention. Brookings, SD. www3.sdstate.edu/academics/collegeofartsandsciences/geography/.

APRIL

12-16. AAG Annual Meeting
Seattle, WA. www.aag.org.

MAY

10-13. The National Map (TNM) Users Conference and USGS-GIS Workshop. Lakewood, Colorado. <http://nationalmap.gov/uc>.

17-18. Association for Borderlands Studies conference, "Fences, Walls and Borders: State of Insecurity?" Montreal. www.absborderlands.org.

24-25. National Geographic Bee. Washington, DC. www.nationalgeographic.com/geobee.

JUNE

2-5. European Association of Geographers Congress. Athens, Greece. www.eurogeography.eu.

12.-18. Geography Faculty Development Alliance (GFDA) Summer Workshop for Graduate Students and Early Career Faculty, Boulder, CO. www.colorado.edu/geography/gfda/gfda.html.

20-24. Ninth International Conference on Military Geosciences. Las Vegas, NV. www.icmg.dri.edu.

27-30. GIS in Public Health Conference. Atlanta, GA. www.urisa.org.

28-July1. Third Global Conference on Economic Geography. Seoul, South Korea. www.space-economy.org.

JULY

3-8. 25th Conference of the International Cartographic Association. Paris. www.icc2011.fr.

10-15. International Medical Geography Symposium. Durham, U.K. www.dur.ac.uk/geography/conferences/imgs.

14-16. National Conference on the Suburbs and the 2010 Census. Arlington, VA. <http://policy.gmu.edu/tabid/86/default.aspx?uid=151>.

25-29. Regional Meeting of Graduate Students of Latin America (EGAL). Costa Rica. www.egal2011.geo.una.ac.cr.

AUGUST

1-7. National Conference on Geographic Education (NCGE). Portland, Oregon. www.ncge.org.

12-16. Sixth International Conference of Critical Geography. Frankfurt, Germany. www.iccg2011.org.

26-29. 18th International Seminar on Urban Form, "Urban Morphology and the Post-Carbon City." Montreal, Canada. www.isuf2011.com.

31-Sept 2. RGS/IBG Annual International Conference. London. www.rgs.org/AC2011.

SEPTEMBER

12-14. GIS in Public Transportation Conference. St. Petersburg, FL. www.urisa.org.

14-16. International Conference on Spatial Thinking and Geographic Information Sciences (STGIS2011). Tokyo, Japan. <http://curricula.csis.u-tokyo.ac.jp/stgis2011>.

29-Oct 2. **AAG Pacific Coast Regional Meeting.** San Francisco, CA. Contact: Nancy Lee Wilkinson (nancy@sfsu.edu).

OCTOBER

6-8. **AAG Great Plains/Rocky Mountains Regional Meeting.** Denver, CO. Informa-

tion: Deborah Thomas (deborah.thomas@ucdenver.edu).

14-15. **AAG New England/St. Lawrence Valley Regional Meeting.** Montreal, Canada. Contact persons: David Greene, Chair, (greened@alcor.concordia.ca), Alan Nash (nash@alcor.concordia.edu).

15-16. **AAG East Lakes Regional Meeting.** Youngstown, OH. Information: Jeroen Wagendorp (wagendoj@gvsu.edu).

NOVEMBER

10-12. **AAG Southwest Regional Meeting.** Austin, TX. Organizer: Bill Doolittle (dolitl@austin.utexas.edu).

10-12. **AAG West Lakes Regional Meeting.** Chicago, IL. Information: Euan Hague (ehague@depaul.edu).

11-12. **AAG Middle States Regional Meeting.** Union, NJ. Contact: John Dobosiewicz (jdobosie@kean.edu).

14-18. IGU 2011 Regional Geography Conference. Santiago, Chile. www.ugi2011.cl

20-22. **AAG Southeast Regional Meeting.** Savannah, GA. Contact: Rob Yarborough (ryarborough@georgiasouthern.edu).

2012

FEBRUARY

24-28. AAG Annual Meeting
New York, NY. www.aag.org.

2013

APRIL

9-13. AAG Annual Meeting
Los Angeles, CA. www.aag.org.

2014

APRIL

8-12. AAG Annual Meeting
Tampa, FL. www.aag.org.

2015

APRIL

21-25. AAG Annual Meeting
Chicago, IL. www.aag.org.

"Geography in Focus" AAG Photo Competition

The deadline to submit photos for the AAG's new "Geography in Focus" photography competition, created to celebrate geography and geographers, has been extended to **February 21, 2011**. Photographs may be submitted in any of three categories: *Careers*

in Geography, Diversity and Inclusion within Geography, and Unique Landscapes and Places.

Winners will receive cash prizes as well as recognition at the 2011 AAG Annual Meeting in Seattle, Washington (April 12-16). We encourage both amateur and professional

photographers as well as AAG members and non-members to submit their work. For more information please visit the photo competition webpage at <http://www.aag.org/photocompetition> or contact photos@aag.org.

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AAG Field Trips in Seattle

Field trips organized and led by AAG members are always an important part of any AAG Annual Meeting, and the 2011 conference in Seattle will be no exception. The city and surrounding region offer many intriguing possibilities across a broad range of geographic specialties and interests. Current offerings include visits to the Boeing assembly plant in Everett, Washington, a security tour of the U.S.-Canada border, an excursion to Snoqualmie Falls, and a number of downtown walking trips to China-

town, the waterfront, and other locations. See pages 13-16 inside for a list of currently available trips. Additional offerings are currently under development. Those already registered for the 2011 Annual Meeting may sign up for field trips at any time. Pricing for each trip is located on the Annual Meeting registration form on page 17, or find the form online at www.aag.org/annualmeeting, where you can also find the latest updated list of field trips.

Make Your Hotel Reservations Today

Make your hotel reservations today at the Seattle Sheraton Hotel, site of the 2011 AAG Annual Meeting, April 12–16, 2011. Discounted rooms are available to meeting attendees in four conveniently located hotels near meeting sessions and events. See www.aag.org/annualmeeting for more information. The conference program is now available online.

Preliminary Program for the Annual Meeting

is now available online at www.aag.org/annualmeeting/program