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Groat of USGS and Britain's Vanessa Lawrence to Speak at AAG Meeting

.S. Geological Survey (USGS) Director Charles "Chip" Groat and Director General and Chief Executive of Britain's Ordnance Survey Vanessa Lawrence will be featured speakers at the 2005 AAG Annual Meeting in Denver. They will discuss the latest developments and directions of two of the world's leading mapping agencies.

Chip Groat has been Director of the USGS since 1998. Prior to his work at the USGS, he served as Associate Vice President for Research and Sponsored Projects at the University of Texas at El Paso, following three years as Director of the Center for Environmental Resource Management. He was also Director of the University's





Environmental Science and Engineering PhD Program and a professor of geological sciences. Groat earned his PhD in geology from the University of Texas at Austin.

Continued on page 6

Clark Receives 2005 Decade of Behavior Research Award

illiam Clark, professor of geography at the University of California, Los Angeles, has been selected to receive the 2005 Decade of Behavior Research Award, which this year focused on the theme of democracy. The award recognizes excellence in the Clark



behavioral and social sciences for research that has made an impact on policy or has made other concrete contributions to solving social problems. Clark was nominated for this award by the AAG.

Clark's research has produced an exceptional body of knowledge on desegregation, residential mobility, and urban change that has been influential in both behavioral science settings and in the policy realm through expert testimony in key U.S. court cases. His expertise has contributed to the public policy process through his testimony in several key school desegregation court cases that build on the critical fifty-year legacy of Brown v. Board of Education. William Clark's career has also furthered knowledge about and contributed to the ongoing integration of America, and in doing so, his research has made a difference in understanding the health of our democracy.

As the recipient of this award, Clark was invited to Washington, DC, to present his research at a congressional briefing on Capitol Hill. He may also be invited to contribute to a written compilation of research examples.

The Decade of Behavior (DOB) initiative involves more than seventy-five endorsing professional societies and academic affiliates from around the world, including the AAG. AAG representatives to the DOB are Doug Richardson, Patricia Solís, and Reginald Golledge.

Annual Meeting Preliminary Program now online at www.aag.org

www.aaq.org

AAG Newsletter

of the **Association of American Geographers**

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All Newsletter materials must arrive at the Association office by the 1st of the month preceding the month of the publication. This includes job listings. Material will be published on a space available basis and at the discretion of the editorial staff.

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Geography and the Indian Ocean Tsunami

Tatching televised coverage of the destruction wrought by the recent Indian Ocean tsunami, one can not help but feel tremendous and profound compassion for the disaster's many victims. On an individual and human level, the damage is both shocking and heartbreaking, yet as geographers, the disaster reminds us of the potential contribu-

tions our discipline offers toward understanding and responding to catastrophic events, a topic in geography that draws from all of our sub-disciplines.

Immediate Aid

Government agencies and geographic software and satellite imagery producers have all pitched in to relief

efforts. The U.S. Geological Survey (USGS), in cooperation with the American Geological Institute (AGI), is providing copies of the Global GIS DVD-ROM to U.S. Department of State-led teams traveling to Humanitarian Information Centers in affected areas. Numerous other private organizations are providing free satellite images of the tsunami area and ESRI is offering temporary software licenses and technical support to government agencies and official disaster relief organizations.

To help get relief to the areas where it is most needed. David Skole and the team from the Center for Global Change and Earth Observations at Michigan State University, along with the Indonesian government, is using satellite imagery to create a relief-need map. With many areas cut off from communication or transportation, the team is using techniques originally used for rainforest deforestation projects, crossmapping thirty-meter resolution imagery with population-density and urban areas maps to locate the hardest-hit areas.

Somrudee Meprasert, a geography doctoral student at Oregon State University, joined a tsunami scientist emergency team at Chulalongkorn University in Bangkok, Thailand to help her home country recover from the devastation. Before the tsunami struck, she had planned to study tourism management in marine protected areas (MPAs) in Southeast Asian countries (Thailand, Philippines, Vietnam, Malaysia, and Indonesia) but now with 75% of MPAs in the Andaman Sea, Thailand affected, she

> will aide the recovery efforts first, before starting on her adapted research plan.

Warning Systems & **Recovery Efforts**

The tsunami's cataclysmic effect was exacerbated by the lack of a detection or warning system in the Indian Ocean. In an article carried by the Los Angeles Times and

other papers on January 1 entitled, "Vital technology as a human right" geographer Robert Chen of the Centre for International Earth Science Information Network at Columbia University and co-authors Arthur Lerner-Lam and Leonardo Seeber (seismologists with the Lamont-Dohertv Earth Observatory) write that the disaster was "...the consequence of years of underinvestment in the scientific and technical infrastructure needed to reduce the vulnerability of developing countries to natural and environmental calamity." In response to the disaster the U.S. now has plans to help start an Indian Ocean tsunami warning system, as well as a system to protect U.S. coasts (for details see AAG Washingon Monitor page 11.)

A recent article by geographers in Coastal Management (2004, Vol. 32, pp. 243-269) summarizes how GIS can be used to assess the vulnerability of harbor communities to tsunamis. The article, by Nate Wood (USGS, Menlo Park, CA) and Professor Jim Good (Oregon State University), details how GIS was used to integrate interpretations of physical phenomena Continued on page 4

Internationalizing Geography at the Dawn of the Twenty-first Century

Te live in fast-changing times. Our globe is being reconfigured by a multitude of forces including ethnic conflict, struggles over resources, economic globalization, climate change, and health pandemics. In response to these global shifts, scholars and teachers from across the social sciences are rethinking international and area studies research. For example, Carnegie and the American Council on Education are running a new project to internationalize the disciplines (Solem, December 2004 AAG Newsletter). In the mid-nineties, the Social Science Research Council (SSRC) dissolved its area studies committees that had been in place during the Cold War decades. This move was followed in 2001 by a conference called "Rethinking Social Science Research on the Developing World in the 21st Century." The SSRC's goal was to assess some of the major global and intellectual shifts that are shaping international social science research going forwards. The conference brought together scholars to discuss the need for a new social science project that "...rethinks the geopolitical units of analysis that area studies-based frameworks tend to take for granted" (SSRC Conference Report, 2001:19).

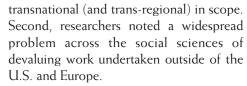
New space is opening for critical research about our reconfiguring globe, and geography can be at the forefront of this shift. You might well ask "what does it mean to internationalize a discipline that has its roots in European histories of exploration, commerce, and imperial militarism?" Certainly geography has always been international in scope and focus, but the framing of that "international" owes much to its roots in the nineteenth century beginnings of social sciences. At the dawn of the new century we need a critically different internationalism than in previous decades.

In this column, I will talk about two challenges as we extend our research, teaching, and action in these fast-changing times. The first of these is to continually augment our questions, scales of analysis,

and explanatory frameworks to account for the complex transformations occurring in our world. The second is to humbly incorporate learning from the Global South into our thinking and action as we teach about social, cultural, economic, and political processes in other places. In other words, geographers can contribute by working across scales (rather than fixing the nation-

al scale) in ways that are both inclusive and humble.

Scholars at the SSRC conference drew two conclusions that both inform our work and that suggest a prominent role for geography. First, they suggested that while the depth and context-specificity of area studies knowledge is invaluable, it must be incorporated into analyses that are

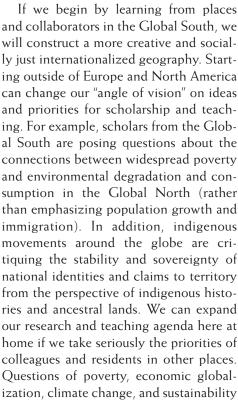


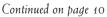
Lawson

Geographers are particularly well positioned to advance a reconfigured transnational research agenda. Geographers' conceptualizations of scale place us at the forefront of work that considers not only transnational but also subnational scales as crucially important. Geographers have also revealed the restlessly shifting politics of scale. For example, this scalar framework raises questions about the nation-state emphasis of dominant institutions of development such as the World Bank, the International Monetary Fund, and the World Trade Organization (among many others). Literally, these powerful institutions only disburse money or design policy with agents and institutions of the state. Geographers have critically examined the ways in which this scalar focus enhances the power of national governments, while simultaneously excluding many actors, organizations, and communities from the mainstream development agendas in various places around the globe. Geographical analyses of rescaling processes also show the geographical unevenness of globalization. For example, the poorest economies of the globe are being sidelined in WTO negotiations through the rise of new transnational alliances such as the Group of 20-plus. Our scale-sensitive research poses

questions about the ways in which expanding European Union or Free Trade Areas of the Americas redefine control over flows of commodities and investments and shift regulatory power over corporations, migration flows, and development dollars. These examples represent just the tip of the iceberg of the myriad ways that

geographical analysis can reframe crucial international questions of our times.







10-Year-Old Geography Student **Saves Lives**

n one of the more hopeful tales from the recent tsunami disaster, a young British girl credited school geography lessons with her ability to recognize the impending tsunami and warn her family and other beachgoers in time to avoid the onslaught of the waves. The Associated Press reported in a story on January 1, 2005, that ten-year-old Tilly Smith from Surrey in England, was vacationing with her family on Maikhao beach in Phuket, Thailand, when the tide suddenly went out. Remembering a recent lesson on earthquakes and tsunamis from her geography teacher, Andrew Kearney, at Oxshott's Danes Hill Prep School, Tilly warned her mother about the danger. Her parents informed other beachgoers and staff at their hotel, which was quickly evacuated. The wave crashed a few minutes later, but no one on the beach was killed or seriously injured.

Field Trips

Sign up for **AAG Annual Meeting** Field Trips now— Space is limited.

See page 8 for details or visit www.aag.org/annualmeetings/ Denver2005/sp_events.cfm

Indian Ocean Tsunami from page 2 -

along the Oregon Coast with spatial attributes of the population (employee, tourist, residential), economic assets, and community infrastructure to produce maps of composite hazards, composite assets, and composite vulnerability. One now encounters highway signs along U.S. Highway 101 in the vicinity of their study area, indicating when you are entering or leaving tsunami zones.

In addition to plans for warning systems, efforts are now underway at the

National Geospatial-Intelligence Agency's Office of Global Navigation to redraw coastal and maritime maps. The tsunami's force moved huge volumes of sediment eroding some areas and filling in others resulting in reconfigured shorelines, Source: Wikipedia Commons



swallowed islands, and silted shipping lanes. New maps will allow for safe delivery of relief supplies as well as the eventual resuming of shipping routes.

Geographic Education

K-12 teachers are anxious to incorporate lessons from the tsunami into their classrooms, and although dramatic, news coverage has failed to deliver important geographic facts or put the devastation into context with population distribution and physical geography. To counter this, the National Geographic Society hosted a three-day forum on tsunamis for the Forces of Nature Community of teachers on the NGS EdNet website. During that time, I responded to tsunami questions posted by K-12 teachers and their students. The Arizona Geographic Alliance also includes on their website a "GeoMath" lesson on tsunamis by teacher/consultant Mike Baron (http://alliance.la.asu.edu/azga/ lp_view.php3?lesson_id=320).

In the LA Times article mentioned above, Chen and his co-authors point out that "Disasters affect poor and developing countries disproportionately. The poor's struggle for daily survival does not allow for disaster preparedness. Persistent environmental stress, such as recurring natural disasters, diverts long-term investment in sustainable development. Little is left for the sorts of investments that make for livable societies." Geographers hardly

> need to be reminded of this, but the public and our lawmakers certainly need to hear this message loud and clear. Fundraising governments and non-governmental organizations have together already broken all records on an international scale

for relief. However, after the short-term relief efforts, one wonders about the spatial dimensions of aid allocation. Will resort areas receive more relief funds than low-lying areas populated by lower-income residents? Will ongoing assessment of disaster risk management be linked to foreign aid? This disaster reminds us that physical geography, hazard vulnerability, and social-economic impacts of extreme natural events have a strong spatial dimension that requires collaborative work by the core specialties in geography. Geographic dimensions of the tsunami disaster would be an appropriate and timely discussion topic at the 2005 AAG Annual Meeting in Denver as part of AAG President Vicky Lawson's call for us to build analyses of the "Geographies of Fear and Hope."

> Richard A. Marston AAG Vice President marstor@okstate.edu

Meinig and Voorhees Receive 2005 AAG Presidential Awards

he AAG Presidential Achievement Awards for 2005 will be presented to distinguished scholar Donald Meinig of Syracuse University and to distinguished geographic technologies pioneer, map collector, and philanthropist Alan Voorhees. The awards, given to recognize individuals for their longstanding and distinguished contributions to geography, will be presented at the banquet of the 2005 AAG Annual Meeting in Denver, Colorado, on April 7, 2005.

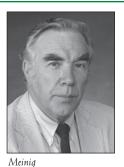
Alan Voorhees was chosen to receive this award for his exemplary professional career as scientist, educator, businessman, and philanthropist, throughout which he has advocated for geography and has made significant intellectual and applied contributions, and for his dedication to the field and expanding opportunities for geographers to influence society. His original concepts on predicting future traffic patterns based upon land use greatly influenced urban planning in the last half of the twentieth century and he was also instrumental in the design of the Interstate Highway System, major mass transit systems, and re-designs of the downtowns of many cities.

For the last thirty-five years, Voorhees has been involved in geography through research, teaching, and planning, and as the successful owner and president of several geographically-oriented companies including Autometric, Inc. He entered academia in 1977 and served as the Dean of the College of Architecture, Art, and Urban Studies at the University of Illinois at Chicago Circle until 1979

As an important donor and advisor to the Library of Congress, he led the effort to build a corporate support for group the Geography and Map Division that

resulted in the largest freely accessible collection of scanned historical maps on the Web. The Association of American Geographers has also benefited from Mr. Voorhees's generosity and his interest in using geography to improve the effectiveness of government. In 2003, he made a significant contribution that allowed the organization to hire its first Director of Public Policy, and he has taken an active role in the effort to create a Geographer to Congress.

Donald Meinig, Maxwell Research Professor of Geography at Syracuse University, was selected to receive the presidential award for his extraordinary contributions to geography and to the stature of geography as a discipline through his teaching, research, and writing. He brings a strength of geographical vision to his scholarship and substantive insights have followed there from. Meinig, a noted historical geographer, is author of the acclaimed four-volume series The Shaping of America: A Geographical Perspective on 500 Years of History and believes that "geography, like history, provides strategies for thinking about large and complex topics."





Meinig, a faculty member at Syra-University 1959, has earned numerous awards and accolades throughout his career. He was a Fulbright Research Scholar at the University of Adelaide,

Australia in 1958 and a John Simon Guggenheim Fellow, 1966–67. received the AAG's award "for meritorious contribution to the field of geography," in 1965, the NCGE Master Teacher Award in 1986, and the AGS Charles P. Daly Medal "for distinguished geographical services" in 1986. He served as a National Endowment for the Humanities Fellow, 1987-88; a Member of the Board, New York State Council for the Humanities, 1980-86; and in numerous positions within the AAG including Council Member, 1965-73.

In addition to his four-volume series The Shaping of America, Meinig was also Principal Consultant for the Historical Atlas of the United States, (National Geographic Society, 1988) and Chief Editorial Consultant for The Making of America, (National Geographic Society, 1982-88).

The Presidential Achievement Award was established by the AAG Council in 2003, to honor individuals who have made longstanding and distinguished contributions to the discipline of geography. Up to two individuals may be recognized each year.

Conference Assistants Sought

f you are interested in donating some time at the AAG Annual Meeting, consider being a conference assistant. All assistants earn \$8.00 per hour and those who work for a

minimum of eight hours receive a 50% registration refund. Conference assistant registration forms are available at www.aag.org/annualmeetings, by clicking on "Student Volunteer Form."

Please note that in order to be a conference assistant, you must be registered for the 2005 AAG Annual Meeting.

AAG Online Center for Global Geography Participants

he AAG's Online Center for Global Geography Education is supporting collaborative learning projects among college students in several countries. A class from Beijing Normal University recently completed a module on global population with students attending Friedrich-Alexander University in Nuremberg, Germany. Pictured here are Professor Wei Dongying and students in her population geography class receiving AAG certificates in recognition of their achievements.



National Academies Geographic Information Center

he National Academies introduces a new Geographic Information Center online at http://gi.national academies.org. The website is intended to help foster a better understanding of the many uses of geographic information—from urban planning to safe navigation to

disaster relief. It provides updates on current activities and brings together all of the academies reports on geographic information, organized by topic area. The site features case studies and other highlights of the reports, which are readable and searchable online for free. Also

included on the site is a calendar of events related to geographic information, basic explanations of the use of geographic information, and a featured theme linked to related reports.

Groat and Lawrence from page 1 -

Groat has also held the positions of Executive Director at the Center for Coastal, Energy, and Environmental Resources, at Louisiana State University; Executive Director for the American Geological Institute; Assistant to the Secretary of the Louisiana Department of Natural Resources (where he administered the Coastal Zone Management Program, and the Coastal Protection Program); and various positions at Louisiana State University and the Louisiana Department of Natural Resources.

Vanessa Lawrence, Director General and Chief Executive of Ordnance Survey, is also adviser to the British government on mapping, surveying, and geographic information, and a Non-Executive

Director of the Office of the Deputy Prime Minister.

After earning a BA in geography at the University of Sheffield and an MSc in remote sensing, image processing, and its applications at the University of Dundee, Lawrence entered the field of publishing with the Longman Group, eventually moving to become Technical Director of GeoInformation International. In 1996 she moved to worldwide software provider Autodesk, where she advised major organizations such as governments and national mapping organizations on GIS software products. She has served as Director of the Ordnance Survey for four years.

Other featured speakers at the 2005 AAG Annual Meeting will be Barry

Lopez, National Book Award winning author of Arctic Dreams; former Senator and current President of the United Nations Foundation Tim E. Wirth; and Native American scholar Vine Deloria. The meeting at the Adam's Mark Hotel in Denver will also feature two Presidential Plenary sessions, organized by Vicky Lawson on the theme of "Geographies of Hope and Fear;" over 2,000 research papers and presentations; and numerous special events such as the AAG International Reception and the Geography Exposition. To learn more, or to register for the meeting, see the registration form on page 8 of this issue and visit www.aag.org.

NSF Action Plan to Improve Education and Training in Social, Behavioral, and Economic Sciences

eographers will find much of value in a new report published by the National Science Foundation (NSF), entitled "Education and Training in the Social, Behavioral, and Economic Sciences: A Plan of Action," which highlights funding opportunities in existing NSF programs and suggests priorities for supporting Social, Behavioral, and Economic Sciences (SBE) research and education through these programs. The report was commissioned by NSF to identify key challenges and opportunities for improving public literacy and human resources in the disciplines that constitute NSF's Directorate for Social, Behavioral, and Economic Sciences, which is home to the Geography and Regional Science Program. It synthesizes the ideas and conclusions of 120 researchers and scholars who attended a national workshop in June 2003, and formulates a series of recommendations that will serve as a basis for strengthening NSF's commitments to SBE education and training at the K-12, undergraduate, graduate, and post-graduate and early career levels.

The report's chapters summarize needs and issues by education level and review the challenges and impediments to reform. It discusses model programs that illustrate how federal agencies and grantees are addressing those challenges, and provides concrete recommendations for NSF to achieve short- and long-term progress through increased funding, programmatic restructuring, and new initiatives. A separate chapter focuses on diversifying the education and work-force population in SBE disciplines, and

identifies specific ways that NSF could recast its existing diversity programs and establish new initiatives to attract more proposals from SBE practitioners.

In addition to outlining immediate steps that NSF can implement to enhance SBE education and training, the report calls for programs to fill perceived gaps in current NSF program offerings. Among the proposals of highest significance for geography are the recommendations to:

- establish new, integrated initiatives to advance education and teacher training in the social, behavioral, and economic sciences at the high-school level;
- launch an "Undergraduate Faculty Enhancement Initiative" that would help institutions to support new and experienced faculty in pedagogy or methods related to research courses or supervision of students in research;
- increase the amount of funding (\$25,000 to \$30,000) for SBE Doctoral Dissertation Improvement grants to allow resources to be used for student stipends in addition to direct research costs;
- initiate new programs in graduate education and professional development, for example, a "Transition and Early Career Initiative for Graduate Students," a "Graduate Education Reinvention Program" that would fund the development and implementation of model training programs, and a "Preparing Future SBE Scientists Program" that would emphasize research training in non-academic research institutions;

- expand the number of post-doctoral programs to include an "Integrative Post-doctoral Research Traineeship Program" in the SBE sciences to foster advanced scientific skills and address issues that transcend any one discipline, an "SBE Post-doctoral Research Fellowships Program" directed to capacity building for strong research careers, and an "SBE Stimulus Package Partnerships Program for Professional Development" with scientific societies to support small-scale innovations aimed at advancing the professional development of junior scholars;
- introduce new programs for diversity, including an "SBE Diversity Innovations Program" to foster long-term sustainable change in how academic, degree-conferring departments educate students at all levels, and an "SBE Launch Awards Program for Minority Scholars" that would provide underrepresented minorities with a head start in undertaking research and building viable research programs.

The report was funded by a grant from the National Science Foundation (SES-0335575) to Felice Levine, through the American Educational Research Association, and was co-authored by Levine, geographer Ron Abler, and Katherine Rosich. Because the report signals a coordinated partnership between the Directorates for SBE and Education and Human Resources, it is likely to wield considerable influence over decision-makers at NSF in the coming months and years. The full text of the report can be downloaded at www.nsf.gov/pubs/2004/nsf0442/start.htm.

AAG Annual Meeting
Preliminary Program now available
www.aag.org/annualmeetings

AAG 2005 ANNUAL MEETING REGISTRATION FORM

Everyone who attends the AAG Annual Meeting must register. 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 received in writing by the stated deadlines. Requests received through 26 Jan 2005 will incur a \$50 cancellation fee. Requests received after 26 Jan 2005 will incur a \$70 cancellation fee. Requests received after 16 March 2005 cannot be processed. Requests received after 11 Feb 2005 for multi-day field trips, excursions and single-day field trips #1 and #2 cannot be processed.

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I. REGISTRATION ☐ Check here if you have already registered	<u>V.</u> 1.	WORKSHOPS GIS for the Classroom (4/5)	Quantity @ \$60	
Before 3/16 After 3/16	2.	Spatial Analysis & 3-D with ArcGIS (4/5)		\$ \$
Regular Member \$235 \$290 \$_	3.	Write/Publish Early Career Faculty (4/6)		\$ \$
	4.	NSF1-Reg Science Research Grants (4/6)		\$
Nonmember \$365 \$410 \$_	5	Effec. Teach. Early Career Faculty (4/6)		\$
Nonmember Student \$180 \$210 \$_	6. 7	Grid-based Map Analysis Gis Model (4/6)		\$
Companion/Spouse \$75 \$125 \$_	7.	Looking for Data? ASTER & MODIS (4/6)	@ \$10	\$
	8.	NSF2-Reg Science Dissert. Grants (4/7)	@ \$0	\$
TOTAL REGISTRATION FEE \$_	9.	Educ. Resources Spatial Thinking (4/7)	@ \$5	\$
II. SINGLE-DAY FIELD TRIPS Quantity	Price 10.	NSF3-Reg Science Career Grants (4/7)		\$
	11.	•		\$
1. Urbanization of CO Front Range (4/4)@ \$80	\$ 12.	NSF4-Reg Science Research Grants (4/8)		\$
2. Military Geog. US Air Force Acad. (4/4)@ \$60	\$ 13.			\$
	\$ 14.	Wine Geography-Lodi Appellation (4/8)		\$
 Geog. Landscapes Summitt County (4/5)@ \$80 Landscape Transect Boulder Valley (4/5)@ \$75 			@ \$30	\$
	\$ 16.	Intermediate Image Classification (4/9)	@ \$TBD	\$
6. Denver International Airport (4/6)@ \$25 7. Denver Metropolitan Region (4/6)@ \$60	\$ то	TAL FEES FOR WORKSHOPS		\$
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· /	\$ <u>VI.</u>	SPECIAL EVENTS	Quantity	Price
	\$ Bar	quet - individual ticket (4/7)	@ \$55	\$
11 USGS Mapping Ctr & Ice Core Lab (4/7)@ \$15	s Bar			\$
12. Urban Landscape Walking Tour (4/7)@ \$5	\$ AW		@ \$40	\$
	\$ Aw	ards Luncheon table - 10 tickets (4/9)	@ \$380	\$
		TAL FEES FOR SPECIAL EVENTS		\$
15. Nat'l Ctr. Atmospheric Research (4/8)@ \$35	\$			
16. Urban Landscape Walking Tour (4/8)@ \$5	\$ <u>VII</u>	ABSTRACT BOOK/CD	Quantity	Price
17. Geology of Garden of the Gods (4/9)@ \$50		stracts are available online to all registra		
W. MALENDAN FIRM DEPOPE	pur	chase a printed abstract book or an abstrac	et CD, sign up hei	re.)
III. MULTI-DAY FIELD TRIPS		5 Meeting Abstract Book	@ \$25	\$
(For multi-day field trips, participants will be contacted by 11 F confirm the trip will take place. AAG does not suggest making		5 Meeting Abstract CD	@ \$10	\$
rangements to Denver until this final confirmation has been rece	·	A DECARDANGE TO		
1. Exploring Colorado's Ute Legacy (4/2: 8am - 4/5: 4pm)	<u>VII</u>	I. RECAP/PAYMENT		
@ \$470 (shared hotel room*) \$	-	gistration Fee	\$	
@ \$565 (single hotel room) \$		ld Trips & Excursions	\$	
2. Ranching Heritage & Ski Resort Dev. (4/9: 7:30am - 4/10:	-	rkshops	\$	
2. Ranching Heritage & Ski Resort Dev. (4/9, 7,30aii - 4/10. @ \$175 (shared hotel room*) \$	~r ·	cial Events	\$	
\$210 (single hotel room) \$	Abs	stract Book/CD	\$	
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 Grand Canyon Field Trip (4/9: 5pm - 4/10: 11pm) (after return to Denver Airport, attendees are responsible for their own trav 	al and ladaina)			
@ \$745 (shared hotel room*) \$	(Check for \$ Attached (Payable to AAG)	
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IV. EXCURSIONS		Please return completed for	rm with payme	nt to:
1. Ski the Rockies Part I: A-Basin (4/4)@ \$65	\$	AAG 2005 Annual Mee		
2. Ski the Rockies Part II:WinterPark (4/5)@ \$90	\$	1710 16th Street, NW, Was	-	009
		Fax (202) 234		
TOTAL FEES FOR FIELD TRIPS & EXCURSIONS	\$	Questions? (202) 234-1450	or meeting@aag	.org

AAG Annual Meeting Highlights

ore than 4,000 geographers from around the world will soon gather for the world's leading geographic event, the Annual Meeting of the Association of American Geographers, April 5 to 9, 2005, at the Adam's Mark Hotel in Denver, Colorado. The meeting kicks off the AAG's second century of geographic research, education, and applications.

Featured Speakers and Topics

In addition to thousands of research presentations from geographers around the globe, the AAG Annual Meeting will also feature numerous prominent scholars and public figures speaking on geographic themes. Barry Lopez, National Book Award winning author of Arctic Dreams, will speak at the meeting's opening session at 5:00 p.m., April 5. Also speaking will be former Senator and current President of the United Nations Foundation Timothy Wirth, U.S. Geological Survey Director Chip Groat, and Vanessa Lawrence, Director of Britain's Ordnance Survey.

A series of Presidential Plenary Sessions will address the theme of "Geographies of Hope and Fear." Speakers in this series include Stephen Schneider, Senior Fellow at the Center for Environmental Science and Policy at Stanford University, Patricia Limerick, Chair of the Board for the Center of the American West; and Native American scholar and author Vine Deloria.

Alec Murphy will deliver the AAG Past President's Address on "Enhancing Geography's Role in Public Debate" following the AAG Annual Meeting Banquet (8:30 p.m., on Thursday April 7). The Past President's Address is open to all attendees.

Special Events

The AAG Annual Meeting also features special events such as the AAG International Reception (7:00 p.m., April 5), AAG Awards Luncheon (11:40 a.m., April 9), and the Geography Exposition (April 5-8).

The 12th Annual World Geography Bowl competition, involving teams of university students from across the U.S. who compete in a "Jeopardy" type event to test their geographic knowledge, will be held April 6 starting at 7:30 p.m.

A Native American powwow demonstration sponsored by the Indigenous Peoples Specialty Group will be held April 5, following the opening session.

Careers/Workshops

A special Jobs In Geography program will feature presentations on career development, job postings, and opportunities for interviews. Workshops will be held on Writing and Publishing for Early Career Faculty, Effective Teaching for Early Career Faculty, and Writing Proposals for NSF Geography and Regional Science Research Grants, Dissertation Grants, and Career Grants.

Field Trips

Field trips to sites of interest in the Denver area include explorations of the world's largest map depository at the USGS Rocky Mountain Mapping Center; a four-day trip focusing on Colorado's Ute Legacy (sponsored by the Indigenous Peoples Specialty Group); the National Center for Atmospheric Research in Boulder, Colorado; the geology and physical geography of the Garden of the Gods; a two-day trip on ranching heritage and ski resort development in Vail Valley and Steamboat Springs;

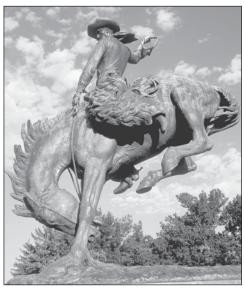


Photo courtesy of Denver CVB

and the geography and geomorphology of the Grand Canyon.

These field trips and many others are described in detail at www.aag.org/ annualmeetings. A full listing also appears on the registration form available on page 8 of this issue. Field trip capacity is limited, so reserve your slot early.

Social & Recreational

Conference attendees are invited to participate in scheduled social events including a Western Social Welcome complete with live music and good food. Single and multiple-day ski packages, and a Colorado Rockies baseball game for geographers at Coors Field are also available to attendees.

To learn more about this premier geography event of the year or to register for the meeting and special events, visit www.aag.org, or call Oscar Larson at 202-234-1450.

Discounted Hotel Rates for AAG Annual Meeting

iscounted room rates are available from the headquarters hotel for the 2005 AAG Annual Meeting. The Adam's Mark Hotel in downtown Denver, located at 1550 Court Place, is offering the following

\$160 and double \$185.

For reservations, please call 800-444-2326. You must mention you are with AAG to receive the discount rates. Discount rates are available until March 7, 2005, or until

rates for AAG meeting attendees: single the AAG block sells out, whichever comes first.

> (Note: the discount AAG rates are not available through the Adam's Mark website.)

Baseball at Denver's Coors Field



Denver's Coors Field

photo by Richard Grant for the Denver CVB

nnual Meeting attendees are invited to take part in an excursion to a Colorado Rockies baseball game at Coors Field. Frederick Chambers, author of "Atmosphere, Weather, and Baseball: How Much Farther Do Baseballs Really Fly at Denver's Coors Field?" (The Professional Geographer,

55:4) will accompany the excursion and be on hand to explain his research on the widely held assumption that batted baseballs travel 10 percent farther in Denver than in major-league ballparks at sea level.

For more information on this excursion visit www.aag.org/annualmeetings.

AAG Cartography Editor Sought

he AAG seeks applications and nominations for Cartography Editor. The editor will review and enhance the cartographic content and quality of submissions to both The Professional Geographer and the Annals of the AAG to ensure that all information is cartographically appropriate and clearly displayed.

She or he will be appointed for a fouryear term. The Cartography Editor will work in coordination with the AAG Journals Manager and the *PG* and *Annals* editors, and is primarily responsible for all graphics used in both journals. This includes working on maps and figures to ensure that all information is clearly displayed and that figures and maps appear in proper electronic formats, etc.

The AAG will provide a modest stipend to be used for expenses and honorarium at the editor's discretion.

To apply, send a letter of application and a complete curriculum vitae to: Chair, AAG Publications Committee, AAG Meridian Place Office, 1710 Sixteenth Street NW, Washington, DC 20009-3198. Nominations and applications may also be submitted electronically to annals@aag.org.

Internationalizing Geography from page 3—are not only pressing in the Global South, but are deeply relevant here at home where poverty has disappeared from the national agenda and sustainability and environmental conservation are under siege.

Contemporary social science preoccupations with "globalization" do not signal the "death of geography" as some have asserted. I argue here that geographers can take a leadership role in critically rethinking international social science research in globalizing times. There are many ways to accomplish this. The AAG's participation in the Carnegie project presents us with one exciting opportunity. Another avenue

for international learning is to participate in, and organize more conferences overseas. We have the ready-made opportunity of the International Geographical Union, as well as other groups that meet outside the U.S. such as the Conference of Latin Americanist Geographers and the International Conference of Critical Geography. Indeed the AAG might consider holding our annual meeting in Mexico, following from our prior meeting in Toronto. We can also forge closer relationships with non-U.S. scholars by participating in the AAG's international reception at the national meeting. The AAG Diversity Task Force can also build strategies that are inclusive

of people from around the globe as well as diverse populations within the U.S. In the realm of secondary education, we can work with administrators and schools to participate in the International Baccalaureate Program as discussed by Stevelberg, in the December 2004 AAG Newsletter. The list of potential actions is long, but my message is simple: geographers should take a leadership role in rethinking international research.

Victoria A. Lawson lawson@u.washington.edu

AAG Washington Monitor

Treasury Department Revises Collaborative Work Guidelines

As reported in the September AAG Newsletter, the U.S. Treasury Department adopted a position in April 2004 that appeared to prohibit the publication of collaborative work (i.e., editing and peer review) involving scholars from Cuba, Iran, and Sudan, all nations subject to U.S. trade embargoes. This position, spelled out in a statement by the department's Office of Foreign Assets Control (OFAC), had raised serious concerns as a potential violation of scientific freedom. The AAG joined with other organizations to oppose this position and on December 15 OFAC revised its rule easing the concerns of the scientific community.

"The new rule enables U.S. persons to freely engage in most ordinary publishing activities with persons in Cuba, Iran, and Sudan, while maintaining restrictions on certain interactions with the governments . . . of those countries," asserted a statement released by the Treasury Department. OFAC's Director, Robert Werner, further noted that "This rule provides clarity and promotes important policies aimed at the free exchange of ideas without undermining the national security objectives of these country sanctions."

Lewis Tapped to Head House Appropriations

On January 5, the House leadership appointed Rep. Jerry Lewis (R-CA) to chair the powerful Appropriations Committee. The position was vacant due to term limits imposed on former Chairman C.W. Bill Young (R-FL). Lewis had been serving as Chair of the Defense Appropriations Subcommittee.

Lewis's selection could be good news for the geography community. The four-teen-term member represents California's sprawling 41st District and makes his home in Redlands, also the location of the Environmental Systems Research Institute, Inc. headquarters. ESRI, is one

of the nation's leading GIS and mapping software companies and 1,500 of its 2,800 employees are based in Lewis's district and hometown. As a result, Lewis understands many of the issues affecting the geography community and is cognizant of the importance of geographic education. He is also knowledgeable about GIS and its expanding use as a geographic management system.

The appropriations chairman has very significant influence over federal spending decisions. However, Lewis will face pressure from the House leadership to toe the party line on funding. The White House has promised to rein in federal spending during President Bush's second term in office.

Hearings Announced on Tsunami-Warning Network

In reaction to the tsunami tragedy, subcommittees in both houses of Congress have announced that they will examine the National Oceanic and Atmospheric Administration's (NOAA) tsunami warning system and investigate why there were no warnings given to the Asian and African nations ravaged by the December 26 killer waves. Senator Olympia Snowe (R-ME), Chair of the Senate Oceans, Fisheries, and Coast Guard Commerce Subcommittee, first wrote to NOAA Administrator Conrad Lautenbacher, Jr. on December 29 asking why nothing was done to inform the nations of the impending crisis.

In response to these inquiries, NOAA officials have made clear that while they possess significant capacity to detect Pacific Ocean tsunamis, such capability doesn't exist for the affected areas of the Indian Ocean. Senator Joseph Lieberman (D-CT) has accordingly proposed legislation that would expand the agency's warning system.

The tsunami crisis is likely to remain a hot topic on Capitol Hill in the coming months.

Spellings Approved as New Secretary of Education

On January 6, after a feel-good confirmation hearing, Margaret Spellings, President Bush's choice to be the next Secretary of Education, was approved 20-0 by the Senate Health, Education, Labor and Pensions Committee. She was also confirmed by the full Senate on Innauguration Day. Most of the senators at the hearing, including former Education Secretary Lamar Alexander (R-TN) and several Democrats led by Ted Kennedy (D-MA) and Hillary Clinton (D-NY), took time to complement Spellings for her longtime commitment to children and education policy. Spellings most recently served as head of the White House Domestic Policy office.

At the hearing, which I attended along with AAG Educational Affairs Director Michael Solem, Spellings was asked several times about continued implementation of the Administration's signature No Child Left Behind Act (NCLB). Several panel Democrats criticized the lack of funding the states have received for the law's programs. Spellings promised to work on the kinks in the law, but also stressed that the administration will be focused on extending the No Child testing provisions into high schools. (The current testing system only covers elementary and middle schools.)

Spellings promises to have a successful term as Education Secretary. She is well respected on the Hill and unlike her predecessor Rod Paige, she has the close ear of the president. I and other AAG staff will work closely with Spellings' office to promote geography education as policymakers plan for the eventual reauthorization of NCLB. Senator Michael Enzi (R-WY), chair of the Senate's education committee indicated that NCLB will likely be reauthorized in 2006.

John Wertman jwertman@aag.org

ADVANCING GEOGRAPHY CENTENNIAL FUND

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Preserve the Memory of Others With a Brick at Meridian Place

o recognize the efforts of supporters of the AAG Advancing Geography Fund, a pathway leading to the Meridian Place front entrance in Washington, DC, will be created using inscribed memorial bricks. Donors of \$1,500 or more can select a tribute for inclusion in the pathway. Some suggestions for naming bricks are parents' names, your institution, your name and organization, you and your spouse's names, or the name of a professor or mentor you wish to honor or remember. Personalized bricks make a unique and lasting tribute or memorial to a loved one or a congratulatory gift to a recent graduate. These bricks will become a tangible recognition of the effort made by so many AAG members to advance geography by helping to create opportunities for the next generation of geographers.

The AAG Advancing Geography Fund has a goal of reaching \$2 million to create a long-term, stable fund to allow us to advance geography broadly in the years ahead, and provide sustained resources that can be used to strengthen academic geography, provide leadership training, and ensure a means for capitalizing on unique opportunities that arise in the future.

Planned Giving

The AAG is starting a planned giving campaign for the Advancing Geography Fund. Professional consultants will be available at no charge to those interested. To make arrangements for planned giving, please contact Doug Richardson at drichardson@agg.org and a consultant will be referred to you.

New Appointments

Indiana State University, Assistant Professor of Geography, J.J. Shinker. PhD, University of Oregon, 2003.

Indiana State University, Assistant Professor of Science Education, Meredith Beilfuss. PhD, Indiana University, 2004.

Indiana State University, Chairperson and Associate Professor of Geography, Susan Berta. PhD, University of Oklahoma, 1986.

Indiana State University, Visiting Professor of Geography, Thomas Minckley. PhD, University of Oregon, 2003.

Royal Holloway, University of London, Senior Lecturer in Human Geography, Karen E. Till. PhD, 1996, University of Wisconsin.

Key: New institution, position, name. Degree, year degree granted, granting institution.

Two Editors Sought for Annals of the AAG

he Association of American Geographers seeks applications and nominations for two section Editors for the Annals of the Association of American Geographers: one for the Environmental Sciences section and one for the Methods, Models, and GIS section. The new section editors will be appointed for four-year editorial terms that will commence on January 1, 2006. The appointments will be made by July 1, 2005.

For each section, the AAG seeks an editor who will solicit, review, and accept for publication articles, comments, maps, technical notes, and other items appropriate for publication in his or her section's subject area, within publicationspace limitations that will be determined annually. The AAG Council expects that the new editor will accept manuscripts from across the breadth and depth of intellectual activity in their subject area of contemporary American geography. The AAG Council further expects that the Annals will publish items that represent the very best thinking in American geography. Section editors should be eager to act as intellectual entrepreneurs to attract the very best work being produced.

In support of these goals, each editor candidate should possess demonstrated expertise within the section subject area (either Environmental Sciences or Methods, Models, and GIS), a distinguished record of scholarly achievement, a broad perspective on the discipline of geography, respect and affection for its diversity,

and an ability to work constructively with authors during the review process. Institutional support for the new editor (especially some time released from teaching) is desirable, but not mandatory. The AAG will provide a modest stipend to be used for expenses and honorarium at the editor's discretion.

Each section editor will work in coordination with the AAG Journals Manager, located at the Meridian Place AAG office in Washington, DC. The journals manager bears primary responsibility for the logistics of processing manuscripts and book reviews, and for assembling and coordinating the publication of each issue of the journal in collaboration with the editors and the journal's publisher. Editor candidates, therefore, should share the AAG Council's vision of an accessible, decentralized, and collaborative *Annals* editorship.

A letter of application that addresses both qualifications and a vision for the Environmental Sciences or the Methods, Models, and GIS section should be accompanied by a complete curriculum vitae. Nominations should be submitted no later than February 15, 2005, and applications no later than March 1, 2005. Send applications or letters of nomination to: Chair, AAG Publications Committee, AAG Meridian Place Office, 1710 Sixteenth Street NW, Washington, DC 20009-3198. Nominations and applications (in Word or WordPerfect format) may be submitted electronically to annals@aag.org.

Grants & Awards

Karen C. Seto, assistant professor in the Department of Geological and Environmental Sciences and center fellow with the Stanford Institute for International Studies at Stanford University, received a \$23,182 grant from the Committee for Research and Exploration of the National Geographic Society for her project, "Coupled Human-Environment Interactions in Vietnam: Urbanization and Coastal Transformation." The purpose of the project is to monitor and understand critical land dynamics and their responses to multiple external forces in the rapidly changing coastal region of the Red River Delta, Vietnam.

Danny Redo, graduate student at the University of Southern Mississippi, won first place and an award of \$400 in the master's level Student Honors Competition at the Annual Meeting of Southeastern Division of the AAG held in November in Biloxi, Mississippi. Redo's paper was entitled "From Clear-Cuts to Coffee Forests: Landscape Change in Western Honduras."

Margo Edwards of the University of Hawaii, Hawaii Mapping Research Group, and Dawn Wright of Oregon State University have been awarded \$320,745 by the National Science Foundation, Office of Polar Programs the project "Collaborative Research: A Distributed Data Management System to Support Arctic Geology and Geophysics Programs." This project will involve the processing, distribution, and analysis of ocean floor data collected beneath the Arctic polar ice cap via nuclear submarine.

Quarter Century

he February 1980 issue of the AAG Newsletter reported that David J. Robinson, associate professor at Syracuse University, was invited to serve as the only non-historian on the Committee on Demographic History of the American Historical Association...J. Warren

Nystrom, Executive Director Emeritus, AAG, was invited to meet with the Executive Committee of the IGU in Japan, January 26-30, to present a plan for financing the reorganization of the IGU...Hans-Joachim Spaeth of the Department of Geography at the University of Duisburg,

Germany, started a three-year visit at the Colorado State University, Department of Atmospheric Science. He was a Heisenberg Fellow of the German Research Association conducting research on energy consumption and food production in the central Great Plains.

Call for Papers

Gypsy Studies

The Gypsy Lore Society annual meeting and conference on Romani/Gypsy Studies will be held on September 9-10, 2005, at the Universidad de Granada, Spain. Papers on any aspect of Romani and Gypsy Studies are welcome, but substantive papers will be given priority. Papers on Roma migrations and healthrelated issues are especially welcome. Please send short abstracts (about 100 words) to the program chair, Juan F. Gamella. Submissions. preferably by email and attachment, should also include the author's name, address, daytime telephone, fax, and email. Deadline for receipt of abstracts is April 30, 2005. Address inquiries to Juan Gamella at the above address or email gamella@ugr.es.

Canadian Studies

The Association for Canadian Studies in the United States (ACSUS) welcomes proposals for papers, roundtables, and poster exhibits for the 18th Biennial Conference to be held in St. Louis, Missouri, November 16-20, 2005. All proposals must have a definite Canadian focus, even if on a comparative subject. For further information visit www.acsus.org. The deadline for submissions is February 15, 2005.

Economic Space

The International Geographical Union's Commission on the Dynamics of Economic Space will hold a meeting in Toledo, Ohio, August 2-6, 2005. The theme for the meeting is "Enterprising Worlds: Entrepreneurship and Ethics for Sustainable Futures." Papers are invited from scholars in geography, planning, business, and other allied fields.

One-page abstracts of papers should be submitted no later than March 18, 2005 by email or fax to Jay D. Gatrell, Department of Geography, Geology, & Anthropology, Indiana State University, Terre Haute, IN 47809 USA (email: gejdg@isugw.indstate.edu).

Medical Geography

The Medical Geography Specialty Group of the AAG will host the 11th International Medical Geography Symposium (IMGS) in Fort Worth, Texas, July 5-9, 2005. The IMGS is the largest meeting of medical geographers in the world and covers virtually all topics related to medical geography, health geography, and health and the environment.

Papers, panels, or posters for presentation are invited. The deadline for abstract submissions is May 2, 2005. Panel sessions do not require abstracts but the chance to discuss proposals for these sessions is welcome. Authors will have approximately twenty minutes to present their paper.

Everyone who presents a paper or poster must submit an abstract. For abstracts to be accepted for publication, they must not exceed 250 words and must be submitted online with the payment of the registration fee at www.aag.org/imgs.htm.

Instructions and guidelines for presentations are available at www.geog.unt.edu/medgeogsymp.htm by clicking on "Call for Papers."

To submit your abstract and for registration information and hotel accommodations please visit (www.aag.org/imgs.htm). For conference updates please visit www.research.umbc.edu/~earickso/Symposium11.html and www.geog.unt.edu/medgeogsymp.htm.

Asian Urbanization

The 8th Asian Urbanization Conference will be held at the University of Marketing and Distribution Sciences, Kobe, Japan, August 20-23, 2005. Papers are invited on topics related to Asian urbanization and the deadline for abstracts submission is February 28 and for full papers April 30, 2005. Two travel awards are available for young researchers (below thirty-five) from developing countries. For further information see www3.uakron.edu/geography/aurapage/aurapage.htm or email Ashok K. Dutt at dutt@uakron.edu.

Tourism and Performance: Scripts, Stages and Stories

The Centre for Tourism & Cultural Change 3rd Tourism Research Conference, "Tourism and Performance: Scripts, Stages and Stories" will be held July 14-18, 2005, in Sheffield, UK. The conference is part of an ongoing series focusing on tourism and tourism related practices, with the aim of testing and, where useful, overcoming traditional conceptual and disciplinary boundaries.

Please send a 300 word long abstract of your suggested paper with full address details as an electronic file to Dr. David Picard (send to d.picard@shu.ac.uk) by April 15, 2005.

For further details on the conference and the Centre for Tourism & Cultural Change, please visit www.tourism-culture. com or contact us at: CTCC, Sheffield Hallam University, Howard Street, Owen Building, Sheffield, S1 1WB, United Kingdom. Phone: +44 (0) 114 225 3973. Fax: +44 (0) 114 225 3343.

For the latest information on the many special events planned for the AAG Annual Meeting visit www.aag.org/annualmeetings/index.cfm

Past president of the International Geographical Union Anne Buttimer and President of Finland Tarja Halonen were honored with doctoral degrees Honoris Causa, on December 1, 2004, on the occasion of the 85th anniversary of Estonian independence, and the re-opening of Tartu University. Pictured on the left is Lennart Meri, President of the Republic of Estonia 1992-2002.



Left to right: Lennart Meri, Anne Buttimer, and Tarja Halonen

Geography Professor Harry Jol (University of Wisconsin-Eau Claire), Phil Reeder (University of South Florida), and Jack Shroder (University of Nebraska at Omaha) were part of a recent edition of the PBS science television series NOVA. The episode entitled, "Ancient Refuge in

the Holy Land," followed a group of scientists and biblical scholars exploring a remote cave in the Judean desert. Jol and University of Wisconsin-Eau Claire student Christopher Morton used ground penetrating radar to explore the Cave of Letters and generate an image of the subsurface of the cave. An endoscope was used to locate and take pictures of artifacts.

Kathleen Braden, professor of geography at Seattle Pacific University, received a Fulbright Scholar grant to lecture on ecotourism at Altai State University in Barnaul, Russia, during spring semester 2005.

Kevin Blake, Kansas State University, was featured in an article of the *Topeka Capital-Journal* on December 19, 2004. Blake was interviewed about his research on the representation of Native Americans in interpretive sites along the Lewis and Clark National Historic Trail in the Great Plains. News releases about Blake's findings also were featured in two online news sites, U.S.

Newswire on December 7, and Kansas City InfoZine on December 11.

Ren Vasiliev of the State University of New York at Geneseo, was featured in a November 29, 2004, article in the Oswego, New York newspaper, The Palladium-Times. The article discussed her recently published book, From Abbotts to Zurich: New York State Placenames.

Professor John Wilson of the University of Southern California (USC) was honored by the USC College of Letters, Arts and Sciences as recipient of the Senior Faculty Raubenheimer



Wilson

Award, in recognition of "balance and outstanding performance in the three areas of teaching, scholarship, and service within the university." The award comes with a commemorative plaque and a substantial check.

Grants and Competitions

Fulbright Teacher and Administrator Exchanges

The Fulbright Teacher and Administrator Exchange arranges direct one-to-one classroom exchanges to over thirty countries for teachers at all levels. Most exchanges occur for an academic year. Argentina, Mexico, and the United Kingdom offer fall-semester exchanges. The United Kingdom and Morocco offer six-week exchanges. Additional locations for administrative exchanges are available.

Prospective applicants must meet the following general eligibility requirements: (1) U.S. citizenship, (2) fluency in English, (3) bachelor's degree or higher, (4) be in at least the third year of full-time

teaching, and (5) have a current full-time position.

The application deadline is October 15, 2005 for the 2006-07 program year. For more information and/or an application visit www.fulbrightexchanges.org or call 800-726-0479.

NSF Human and Social Dynamics

The National Science Foundation announces a second-year funding opportunity for the Human and Social Dynamics (HSD) priority area. NSF expects to be able to support more HSD awards in 2005 than it did in FY 2004.

HSD mandates the submission of proposals from multidisciplinary teams. In FY 2005, an individual can serve as a PI, co-PI,

or senior personnel on only one HSD proposal. The deadlines for submission of HSD proposals are: February 9, 2005, for exploratory research proposals and research community development proposals, and February 23, 2005, for full research proposals.

Geographers were active members in eight of the thirty-seven teams that received HSD awards in FY 2004. For a list of awards, see www.nsf.gov/home/crssprgm/hsd/summary.htm. For more information about HSD in general, see www.nsf.gov/home/crssprgm/hsd/summary.htm.

The HSD solicitation is at www.nsf.gov/pubs/2005/nsf05520/nsf05520.htm.

Make your hotel reservation by March 7, 2005, to receive discounted rates.

AAG welcomes the following new members whose memberships were processed during December.

Abbenhaus, Timothy, Helena, MT Abdenur, Adriana, Princeton, NJ Abu-Shaheen, Yahya, Lynn, MA Addlesberger, Asia, San Diego, CA

Adey, Peter, Nicholas, Aberystwyth, Wales, UK

Ahas, Rein, Tartu, Estonia

Ahmed, Nobbir, Salt Lake City, UT Aho, Melissa, Circle Pines, MN

Alabi, Omowumi, Kansas City, MO

Aldhamen, Khalid, Lynn, MA Aldrin, Jillian, Austin, TX

Allaway, Arthur, Tuscaloosa, AL

Allen, Jeffery, Clemson, SC

Ampofo, Akosua, Anima, Worcester, MA

Anderson, Kenneth, Lansing, MI Anderson, Rebecca, Berkeley, CA Anderson, Ryan, Billings, MT Andrade, Renata, Berkeley, CA

Andreoli, Derik

Angeloni, Jeff, Elwood, IL

Arbetter, Todd, CO

Armstrong, Meagan, B., Stillwater, OK

Atkinson-Grosjean, Janet, Point Roberts, Canada

Averill, Clare, Ainslie, ACT, Australia

Azar, Derek, Washington DC

Bacon, Michael, Chapel Hill, NC Baker, Kathleen, Kalamazoo, MI

Bakker, Brian, Cedar Falls, IA

Baldwin, Brian, Chittenango, NY

Ban, Hyowon, Columbus, OH

Bao, Shuming, Ann Arbor, MI

Barney, Peter, Tucson, AZ

Bartow, Brendan, Baltimore, MD Bateman, Jeremy, Memphis, TN

Batterson, Christy, Norman, OK

Beeton, Jared, Lawrence, KS

Belby, Colin, Madison, WI

Bell, David, J., Stoke on Kent, UK

Bell, Heather, St Petersburg, FL

Bennett, Sean, Buffalo, NY

Berthiaume, Jennifer, Atlanta, GA Bhattacharjee, Nilanjana, Denton, TX

Bitton, Michael, Listowel, ON, Canada

Blaikie, Piers, Norwich, UK

Blake, Amber, Missoula, MT Blanken, Peter, Boulder, CO

Boeder, Michael, Portland, OR

Boeka Cannon, Molly, Lincoln, NE

Booher, M., A., Slippery Rock, PA

Booth, Jennifer, Baton Rouge, LA

Botelho, David, Athens, GA

Bowen, Mark, Lawrence, KS

Bower, Raymond, Mt Pleasant, MI

Boyer, John, Blacksburg, VA

Boykoff, Jules, Walla Walla, WA

Bradley, Bethany, Providence, RI

Bradley, Lawrence, Omaha, NE

Brady, Emily, Brooklyn, NY

Brogden, Jessica, Knoxville, TN

Brown, Alex, Hopkinton, MA

Brown, Nancy, A, Manhattan, KS

Buckland, Michael, Berkeley, CA

Burdette, Stacy, University Park, PA

Burgess, Lacy Jo, Norman, OK

Burke, Erin, Burlington, VT

Burkle, Kelly, Reno, NV

Buryn, Sya, Lexington, KY

Butler, Toby, Tonbridge, Kent, UK

Bynoe, Paulette, Brighton, UK

Cadieux, Kirsten Valentine, Toronto, ON, Canada

Cagle, Forrest, Roswell, GA

Cai, Qiang, Iowa City, IA

Cameron, Nairne, Edmonton, AB, Canada

Campbell, Jon, Reston, VA

Campbell, Joshua, Lawrence, KS

Cannon, Terry, London, UK

Carli, Francesca, Trieste, Italy

Carter, Jennifer, Youngsville, NC

Carvalho, Rui, London, UK

Cary, Caverlee, Berkeley, CA

Casellas, Antonia, Las Cruces, NM

Casolo, Jennifer, J., Berkeley, CA

Castaneda, Gabriela, Arlington, VA

Cates, Barbara, Elizabeth, Eugene, OR

Challuri, Sainath, Baton Rouge, LA

Chambers, Charlie, Edinburgh, UK Chang, Chang-Yi, Taipei, Taiwan

Chantelle, Richmond, Montreal, QC, Canada

Chapman, James, MSLA., MT

Chatterjee, Monalisa, Highland Park, NJ

Chen, Jian, Memphis, TN

Cheng, Zheng, College Station, TX

Choi, Y. Minie, Eugene, OR

Christian, Charles, College Park, MD

Christianson, Laura, E., Stillwater, OK

Church, Richard, Santa Barbara, CA

Cirmo, Amethyst, Geneseo, NY Click, Diane, Prairie Lea, TX

Cline, Michael, Tucson, AZ

Close, Linda, Santa Rosa, CA

Cobarrubias, Sebastian, Chapel Hill, NC

Collas, Sara, St. Cloud, MN

Comaroff, Joshua, Los Angeles, CA

Conti, Patrick, Denver, CO

Cook, David, Marquette, MI

Cortes, Helen, Austin, TX

Couvillion, Brady, Baton Rouge, LA

Currid, Elizabeth, New York, NY

Curti, Giorgio, Hadi, Glendale, CA

Dahlen, Bjorn, Grand Forks, ND

Danby, Ryan, Edmonton, AB, Canada

Daniels, Jane, Vlasta, Laramie, WY

Darden, Matthew, G., Mt. Pleasant, MI

Dasgupta, Soma, College Station, TX

Davidson, Joyce, Kingston, ON, Canada

Dean, Denis, J., Fort Collins, CO

Deeb, Elias, Salt Lake City, UT

Deems, Jeffrey, Fort Collins, CO

DeGroot, David, Michael, Murphysboro, IL

Deister, Nicole, Boulder, CO

Deitrick, Stephanie, Phoenix, AZ

Demitroff, Mark, Vineland, NJ

Derrick, Matthew, Eugene, OR

Dickerson, Joe, Columbia, SC

Dickey, Diana, Terre Haute, IN

Dickinson, Amie, Marquette, MI

Dimon, Joshua, Berkeley, CA

Dinges, Adam, Robert, Florence, AL

Dinkin, Jonathan, Reisterstown, MD

Disrude, Devon, Eau Claire, WI

Dixon, Barnali, St. Petersburg, FL

Djukpen, Richard, O'Fasah, Urbana, IL

Domjan, Paul, Stuttgart, Germany

Dooling, Sarah, Bainbridge Island, WA

Dou, Jianwei, State College, PA

Doulet, Jean-François, Paris, France

Drysdale, David, J, Salem, MA Duerr, Ruth, Boulder, CO

Dupuis, E., Melanie, Santa Cruz, CA

Durand, Kevin, Boulder, CO

Dvorak, Thomas, Iowa City, IA

Ebinger, Samara, Alexandria, VA

Ech-Nove, Flavia, Mexico City, DF, Mexico Eddy, Priscilla, Edmond, OK,

Ehrenfeucht, Renia, Los Angeles, CA

Escamilla, Veronica, Urbana, IL

Eysenbach, Derek, Tucson, AZ Faria, Caroline, Seattle, WA

Farrell, Michael, San Diego, CA

Faulkner, Ella, Norman, OK

Fawcett, Leesa, Toronto, ON, Canada

Featherly, Barabara, Shell Lake, WI

Fechner, Jennifer, Chino, CA

Feggestad, Aaron, Madison, WI

Felkner, John, Chicago, IL

Fenske, Jessica, Plattteville, WI

Ferranto, Shasta, Reno, NV Fesler, Kristel, Corvallis, OR

Filbert, Katie, Olney, MD

Finn, Mark, Omaha, NE

Fisherow, Michael, Washington, DC Fontenot, Lauren, Champaign, IL

Fornander, David, Tucson, AZ

Foster, Joshua

Frakes, Neil, Boulder, CO Frazar, Heather, Santa Monica, CA

Friedel, Robert, Corvallis, OR

Fuhrer, Bernhard, Berne, Switzerland Fuhrmann, Christopher, Athens, GA

Fulfrost, Brian, Santa Cruz, CA

Funke, Jayson, Wrentham, MA

Gainor, Michael, Covina, CA Jamieson, Kristin, Grand Rapids, MI Lyon, Elizabeth, Champaign, IL Gallagher, Jacqueline, Boca Raton, FL Jantz, Patrick, Santa Barbara, CA Macgill, James, University Park, PA Gallegos, Jorge Luis, New York, NY Jargowsky, Paul, Richardson, TX Machado, Elia Axinia, Worcester, MA Gamas, Julia, Cambridge, MA Jeffers, Gary, Columbia, SC Garcφa-Godos, Jemima, Oslo, Norway Jeffrey, Alex, Durham, UK Getz, Hilary, Laramie, WY Jenkins, William, Berry, Tuscaloosa, AL Ghimire, Kabita, Manhattan, KS Johnson, Robert, Lakewood, CO Ginger, Clare, Burlington, VT Joyce, Colleen, Washington, DC Giraldo, Mario, Athens, GA Jung, Namji, Ithaca, NY Glazier, Richard, H., Toronto, ON, Canada Jurievich, Jason, Charlotte, NC Goetz, Kristen, Ellicott City, MD Kangas, Rvan, Reno, NV Gokmen, Mahmut, Akron, OH Kar. Bandana, Columbia, SC Gordon, Michael, Sheffield, UK Karin, Tuxen, Berkeley, CA Gorman, Sean, Fairfax, VA Kenichi, Nonaka, Japan Gray-Wood, Carrie, Brookings, SD Kestens, Yan, Montreal, PQ, Canada Green, Arthur, Raleigh, NC Khosla, Punam, Toronto, ON, Canada Green, Lesley, Fordred, Washington, DC Kim, Hwahwan, Athens, GA May, John Green, Nathan, Cedar Falls, IA Kindig, David, Boulder, CO Griffey, Shirley, Valparaiso, IN Kirchner, Peter, Mammoth Lakes, CA Grove, Kevin, Columbus, OH Kirshner, Joshua, Ithaca, NY Gu, Songgang, College Station, TX Koroma, Joseph, Terre Haute, IN Guentchev, Galina, Flushing, MI Kurtas, Kelly, Shippensburg, PA Haase, Amy, Milesburg, PA Lage, Jessica, Boulder, CO Hadley, Brian, Columbia, SC Lanning, Shawn, Laramie, WY Hall, Beth, Reno, NV Lara, Francisco, Tempe, AZ Hall, Shannon Larson, Anne, Managua, Nicaragua Halseth, Deanna, Hill AFB, UT Lasner, Matthew, New York, NY Hamilton, Julie, Riverside, CA Lawrence, Jody, Auckland, New Zealand Harada, Yoshiki, Bunkyo-Ku, Japan Le Billon, Philippe, Vancouver, BC, Canada Harper, Bruce, Terre Haute, IN Leduc, Tim, Toronto, ON, Canada Harper, Caro, Syracuse, NY Lee, HuiEn, Amherst, NY Harwood, Joseph, Kent, OH Lee, Jae-Youl, Madison, WI Hathorn, Jennifer, Baton Rouge, LA Lee, Jeong-Rock, Gwangju, Korea Hedjazi, Babak, Los Angeles, CA Lee, Jonghoon, Tonawanda, NY Heikkinen, Michael, Eau Claire, WI Lee, JungYoon, Edison, NJ Hemphill, Jeffrey, J., Santa Barbara, CA Lehmert, Kate, E., NJ Herzberger, Michael, S., Abingdon, MD Lembrich, Susan, Brookings, SD Hetland, Norman, Berkeley, CA LeMoine, Michael, Eau Claire, WI Hibbert, Jennifer, Rome, GA Lengerich, Eugene, Hershey, PA Hidek, Matthew, Syracuse, NY Lentile, Leigh, Moscow, ID Higgins, Harrison, Tallahassee, FL Li, Guiying, Terre Haute, IN Li, Linhua, College Station, TX Hitchings, Russell, S., London Hitzner, Heather, Nanticoke, PA Li, Mujiao, Columbus, OH Hoban, Jeffrey, San Diego, CA Li, Yingkui, West Lafayette, IN Hobson, Gemma, Leeds, UK Liao, Ke, Columbia, SC Holtz, Julie, Omaha, NE Lidstone, Robert, S.L., Vancouver, BC, Canada Hommel, Demian, Eugene, OR Lightfoot, Victoria, Stillwater, OK Hopper, Susan, State College, PA Lim, Seow, Chandler, AZ Hostovsky, Chuck, Winona, ON, Canada Limburg, Christopher, Madison, WI Hoyt, Jennifer, Salt Lake City, UT Lindenbaum, John, Berkeley, CA Hudson, Laura, Laramie, WY Lite, Sharon, Tucson, AZ Hummer, Mark, A., Lawrence, UT Little, Jonathon, Davis, CA Huynh, Niem Tu, Toronto, ON, Canada Liu, Weidong, Beijing, Peoples Republic of China Ikeguchi, Akiko, Aichi, Japan Liu, Zhilin, Ithaca, NY Iksic, Christine, Slippery Rock, PA Livo, Keith, Denver, CO Ilavajhala, Shriram, Cedar Falls, IA Llera, Francisco J., El Paso, TX Inoue, Manabu, Kyoto, Japan Lookingbill, Todd, Frostburg, MD

Lousley, Cheryl, Kitchener, ON, Canada

Lu, Jia, Stevens Point, WI

Lucke, David, Fort Collins, CO

Lusk, Elizabeth, Frankfort, KY

Irons, Christina, Florence, AL

Jaber, Salahuddin, Carbondale, IL

Jagtap, Shrikant, Gainesville, FL

Jacquez, Nicholas, Crystal Lake, IL

MacOpiyo, Laban, College Station, TX Malam, Linda, Launceston, Australia Mallory, Anna, Durham, NH Manley, William, Boulder, CO Manzi, Maya, Montreal, PQ, Canada Maples, Lauren Z., Austin, TX Marcantonio, Richard, Ottawa, ON, Canada Marcotullio, Peter, John, Tokyo, Japan Martin, Eugene, Seattle, WA Matassa, Elizabeth, Baton Rouge, LA Matejskova, Tatiana, Minneapolis, MN Mathenge, Christine, Bloomington, IN Matheson, Flora, I., Toronto, ON, Canada Mazumdar, Soumya, Iowa City, IA Mc Caffery, Conor, Kildare, Ireland McCarry, Nancy, Leesburg, VA McClung, Jeff, Natick, MA McCracken, Robert, M., Sandpoint, ID McDowall, Chris, Auckland, New Zealand McEachern, Menzie, Itabashi ku, Tokyo, Japan McGregor, Andrew, Dunedin, New Zealand McKinney, Nathan, Pensacola, FL McNally, Robert, Matthews, NC McSherry, Lindsey, Arlington, VA Meadows, Jason, Bryan, Clemson, SC Meitzen, Kimberly, Columbia, SC Mendez, Pablo, Vancouver, BC, Canada Mendonca, Francisco, Curitiba, Brazil Merani, Paul, Lincoln, NE Metrick, Sean, Boulder, CO Michael, Paul, Muscle Shoals, AL Michor, Daniel, Vancouver, BC, Canada MIddleton, Richard, Santa Barbara, CA Miller, Ronald, Springfield, MO Mills, Suzanne, Saskatoon, SK, Canada Mincyte, Diana, Urbana, IL Mishra, Deepak, Lincoln, NE Miyake, Yoshitaka, Chico, CA Moore, Amanda, Morgantown, WV Moore, David, Winston-Salem, NC Mora, Claudia, Knoxville, TN Moran Taylor, Michelle, Denver, CO Mueller, Mark, Tampa, FL Murr, Christopher, San Marcos, TX Mustoe, M, Marian, LaGrande, OR Nagle, Brandi, State College, PA Nanus, Leora, Boulder, CO Narayanareddy, Rajyashree, Minneapolis, MN Newell, Josh, Seattle, WA Nguyen, Thao, Thi Minh, Los Angeles, CA Nickless, Darryl, Gaithersburg, MD Nickolotsky, Aaron, Springfield, MO Nine Birk, Cara, Tucson, AZ Nisa, Richard, Jersey City, NJ Noailles, Carline, Rockville, MD Noor, Amatun, Kalamazoo, MI

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New Members

O'Brien, Jason, Colorado Springs, CO Oakley, Taryn, Boulder, CO Ohdedar, Chandrani, State College, PA Olmstead, Jr, Michael, Mobile, AL Olson, Erin, Madison, WI Orenstein, Daniel, Providence, RI Othitis, Michael, Colorado Springs, CO Owusu, Kwadwo, Gainesville, FL Pal, Anirban, Boulder, CO Parker, Anne, Boulder, CO Patel, Hrishikesh, Delaware, OH Patel, Reena, Austin, TX Patrick, Michael, Seattle, WA Patrickson, Shela, Salt Lake City, UT Pau, Stephanie, Los Angeles, CA Pederson, Gregory, Bozeman, MT Pera, Jennifer Lee, Sammammish, WA Perrault-Archambault, Mathilde, Montreal, PQ, Canada Pierce, Jennifer, Albuquerque, NM Pilling, Meredith, St Catharines, ON, Canada Piromsopa, Krerk, East Lansing, MI Poetz, Anneliese, Hamilton, ON, Canada Pomplun, James Pouliou, Theodora, Hamilton, ON, Canada Protevi, John, L., Baton Rouge, LA Qiu, Fang, Richardson, TX Quimby, Patricia, Florence, AL Quinnell, Sarah-Louise, London, UK Radke, John, Berkeley, CA Raghuram, Parvati, Solihull, UK Rainey, Steven, Lake Charles, LA Ramirez, Ivan, Brooklyn, NY Rapino, Melanie, Storrs, CT Ratter, Beate M.W., Mainz, Germany Rausch, Lisa, Lawrence, KS Rawat, Rajiv, Toronto, ON, Canada Ray, Lily, Worcester, MA Reddish, Marcus, Missoula, MT Redlin, Meredith, Brookings, SD Redo, Daniel, Hattiesburg, MS Rey De Castro, Flavia, Florence, AL Rhatigan, Robert, Colorado Springs, CO Rice-Jones, Judith, Colorado Springs, CO Richter, Kurt, Davis, CA Rickerson, Wilson, Wilmington, DE Ricondo, Roger, Kansas City, MO Riely, Andrew, St. Paul, MN Robinson, Aaron, Durango, CO Robinson, Anthony, University Park, PA Roff, Robin Jane, Goleta, CA Rogers, Bethany, Baton Rouge, LA Rollman, Renee, Eau Claire, WI Rose, Leanna, Tallahassee, FL Ross, Katherine, Platteville, WI Rost, Jude, Madison, WI Rowe, Rebecca, Chicago, IL Rowley, Rex, Lawrence, KS Roy, Parama, Milwaukee, WI Rudra, Purba, New Brunswick, NJ Rulle, Monika, Greifswald, Germany

Saad, Ahmed, San Diego, CA Sakrejda, Krzysztof, Eugene, OR Saldanha, Arun, J.J., Minneapolis, MN Salim, Zia, Mission Viejo, CA Salmond, Jacqueline, Burlington, NC Saunders, Earl, Monument, CO Scharf, Melynda, College Park, MD Schmidt, Charles, G., Greeley, CO Schmidt, Evan, Davis, CA Schmidtlein, Mathew, Columbia, SC Schmutz, Phillip, Tyler, TX Schueth, Samuel, J., Minneapolis, MN Segal, Micah, Gainesville, FL Selkowitz, David, Corvallis, OR Sessoms, Nathan, J., Los Angeles, CA Sharma, Madhuri, Columbus,, OH Sharma, Rashi, Milwaukee, WI Shiel, Matthew, Washington, DC Shih, Keh-Her, UK Shin, Daehyok, Chapel Hill, NC Shinneman, Douglas, Laramie, WY Shuman, Bryan, Minneapolis, MN Silver, Mariko, Los Angeles, CA Sines, Bonnie, Waterloo, IA Singh, Paul, St. Paul, MN Sirrine, J Robert, Santa Cruz, CA Skibba, Matthew, Farmington, ME Slocum, Rachel, Framingham, MA Smith, Daniel, Mahwah, NJ Smith, Dianna, Leeds, UK Smith, Harold, G., Montgomery Village, MD Smith, Sara H., Tucson, AZ Sodeinde, Olalekan, Grand Forks, ND Soennecken, Brendan, Colorado Springs, CO Sonthalia, Rakhee, New York, NY Sparks, Tony, Seattle, WA Staff, Zachary, Binghamton, NY Stath, Bryce, Anchorage, AK Steigman, Matthew, Madison, WI Stevens, Sunny, Columbia, MO Stinchcomb, David, TX Stocks, Lee, Akron, OH Stroeve, Julienne, Boulder, CO Strong, Courtenay, Charlottesville, VA Sun, Mingjie, Los Angeles, CA Suppes, Britta, Jean, Eau Claire, WI Tang, Yingqi, Fairfax, VA Targett, Dianna, Chapin, SC Taylor, Emariana, New Braunfels, TX Taylor, Laura, Toronto, ON Teo, Sin Yih, Vancouver, BC, Canada Terrell, John, Chicago, IL Thayn, Jonathan, Lawrence, KS Thomas, Terri, Jonesboro, IL Thompson, Matthew, San Marcos, TX Timothy, Hare, Morehead, KY Toushey, Shawn, Las Vegas, NV Toutant, Tracy, Sarasota, FL Tovar, Jennifer, Oshkosh, WI Trainor, Sarah, F., Fairbanks, AK

Troyer, Michael, E, Cincinnati, OH Tucker, Donna, Lawrence, KS Ubben, Tamara, Missoula, MT Uitermark, Justus, L., Amsterdam, Netherlands Vajoczki, Susan, Hamilton, ON, Canada Van De Gevel, Saskia, Knoxville, TN Vanderbrink, Kelly, Bellefonte, PA Vaughan, James, New Braunfels, TX Vaughn, Valerie, Davis, CA Velasquez Runk, Julie, New Haven, CT Vezhapparambu, Sajith, Kansas City, MO Villanueva, Joaquin, Syracuse, NY Waddy, Emily, Flagstaff, AZ Walenta, Jayme, Vancouver, BC, Canada Walker, Joan, Boston, MA Walling, Dayne, Minneapolis, MN Walnoha, Michael, Carnegie, PA Walsh, Kevin, Madison, WI Walter, Andy, Carrollton, GA Walton, Walton, Aberdeen, UK Wandel, Johanna, Guelph, ON, Canada Wang, Eugenia, Burnaby, BC, Canada Wang, Youfeng, Manhattan, KS Wanless, Sarah, St. Paul, MN Ward, Michal, M., Stillwater, OK Warkentin, Traci, Toronto, ON, Canada Warwick, Cindy, Oxford, UK Wathen, Stephen, Davis, CA Watkins, Brad, W., Stillwater, OK Watson, Elizabeth, Berkeley, CA Wei, Xiaofang, Terre Haute, IN Weichelt, Ryan, Douglas, Lincoln, NE West, David, Knoxville, TN Whisler, Ronald, Tucson, AZ Wiangwang, Narumon, East Lansing, MI Wiggins, Helen, Fairbanks, AK Wigle, Jill, Toronto, ON, Canada Wilcox, Andrew, Fort Collins, CO Wilhoit, Jennifer, Keene, NH Williams, Henrietta, Chapel Hill, NC Wills, Angela, Tucson, AZ Wilson, Dana, Montreal, PQ, Canada Wood, Karen, Reston, VA Wood, Margaret, Topeka, KS Woodey, Chris, Charlotte, NC Woodhouse, Kathleen, Kent, OH Woods, Jason, Lawrence, KS Woods, Scott, Missoula, MT Wooldridge, Charlene Kelly, Colorado Springs, CO Wu, Jie, Seattle, WA Wurglitsh, DJ, Springfield, MO Young, James, Toronto, ON, Canada Yudelevitch, Rand, Tarzana, CA Zech, Jamie, San Marcos, TX Zhang, Xingdong, Iowa City, IA Zhou, Jiangping, Chicago, IL Zhu, Yuanda, Baton Rouge, LA Zimmer, Volker, Hamburg, Germany

Trone, Eleanor Sue, Tallahassee, FL

Books Received

Atkinson, David. *Weathering, Slopes and Landforms.* London: Hodder & Stoughton, 2004. 130 and 6 pp., n.p., ISBN 0-340-81690-2.

Auty, R. M., ed. Resource Abundance and Economic Development. New York: Oxford University Press, 2001 (new paperback edition, 2004). 340 and 13 pp., n.p., ISBN 0-19-927578-5.

Benko, George and Ulf Strohmayer, eds. *Human Geography: A History for the 21st Century.* London: Arnold, 2004. 210 and 14 pp., n.p., ISBN 0-340-75932-1.

Chari, Sharad. Fraternal Capital: Peasant-Workers, Self-made Men, and Globalization in Provincial India. Palo Alto, CA: Stanford University Press, 2004. 379 and 25 pp., \$45.00, ISBN 0-8047-4873-X.

Colten, Craig E. An Unnatural Metropolis: Wresting New Orleans from Nature. Baton Rouge, LA: Louisiana State University Press, 2005. 245 and 13 pp., \$39.95, ISBN 0-8071-2977-1.

Cotter, David A., Joan M. Hermsen, and Reeve Vanneman. Gender Inequality at Work. Russell Sage Foundation/Population Reference Bureau: 2004. Part of series The American People: Census 2000.

Craib, Raymond B. Cartographic Mexico: A History of State Fixation and Fugitive Landscapes. Durham, NC: Duke University Press, 2004. 300 and 18 pp., n.p., ISBN 0-8223-3416-X.

Florida, Richard. Cities and the Creative Class. London and New York: Routledge, 2005. 198 and 8 pp., \$19.95, ISBN 0-415-94887-8.

Gallo, Ruben, ed. *The Mexico City Reader*. Madison, WI: University of Wisconsin Press, 2004. 346 and 17 pp., \$65.00, ISBN 0-299-19710-7.

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Halvorson, Peter L., and Ellen K. Cromley. *The City in the Western Tradition*. Dubuque, Iowa: Kendall/Hunt Publishing, 2003. 137 and 3 pp., n.p., ISBN 0-7575-0516-3.

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Kritz, Mary M. and Douglas T. Gurak. *Immigration and a Changing America*. Russell Sage Foundation/Population Reference Bureau: 2004. Part of series *The American People*: Census 2000.

Lichter, Daniel T. and Zhenchao Qian. Marriage and Family in a Multiracial Society. Russell Sage Foundation/Population Reference Bureau: 2004. Part of series The American People: Census 2000.

Mels, Tom, ed. Reanimating Places: A Geography of Rhythms. Burlington, VT: Ashgate, 2004. 262 and 15 pp., \$89.95, ISBN 0-7546-4187-2.

Murnane, Richard J. and Kam-Biu Liu, eds. *Hurricanes and Typhoons: Past, Present, and Future.* New York: Columbia University Press, 2004. 462 and 12 pp., \$89.50, ISBN 0-231-12388-4.

Myers, Dowell. Cohorts and Socioeconomic Progress. Russell Sage Foundation/Population Reference Bureau: 2004. Part of series The American People: Census 2000.

Nelson, Lise and Joni Seager, eds. A Companion to Feminist Geography. Malden, MA: Blackwell, 2005. 617 and 18 pp., \$124.95, ISBN 1-4051-0186-5.

Neuwirth, Robert. Shadow Cities: A Billion Squatters in a New Urban World. London and New York: Routledge, 2005. 335 and 7 pp., \$27.95, ISBN 0-415-93319-6.

Nicol, Heather N. and Ian Townsend-Gault, eds. *Holding the Line: Borders in a Global World.* Vancouver: University of British Columbia Press, 2005. 440 and 7 pp., \$29.95, ISBN 0-7748-0932-9.

Paulson, Susan and Lisa L. Gezon, eds. *Political Ecology Across Spaces, Scales, and Social Groups*. New Brunswick, NJ: Rutgers University Press, 2005. 289 and 8 pp., \$24.95, ISBN 0-8135-3478-X.

Prudham, W. Scott. *Knock on Wood: Nature as Commodity in Douglas-Fir Country.* London and New York: Routledge, 2005. 260 and 9 pp., \$24.95, ISBN 0-415-94402-3.

Rogerson, Christian M. and Gustav Visser, eds. *Tourism and Development: Issues in Contemporary South Africa*. Pretoria, South Africa: Africa Institute of South Africa, 2004. 494 and 14 pp., n.p., ISBN 0-7983-0182-1.

Sayer, Liana C., Philip N. Cohen, and Lynne M. Casper. Women, Men, and Work. Russell Sage Foundation/Population Reference Bureau: 2004. Part of series The American People: Census 2000.

Scott, Allen J. On Hollywood: The Place, The Industry. Princeton, NJ: Princeton University Press, 2005. 200 and 13 pp., \$39.50, ISBN 0-691-11683-0.

Solis, Julia. *New York Underground: The Anatomy of a City.* London and New York: Routledge, 2005. 250 and 8 pp., \$21.99, ISBN 0-415-950-13-9.

Stegner, Wallace, ed. "The Arid Lands" by John Wesley Powell. Lincoln, NE: University of Nebraska Press, paperback reprint of 1962 edition, 2004. 202 and 33 pp., \$15.00, ISBN 0-8032-8781-X.

Taylor, Andrew. The World of Gerard Mercator: The Mapmaker Who Revolutionized Geography. New York: Walker and Company, 2004. 291 and 10 pp., \$26.00., ISBN 0-8027-1377-7.

van der Maarel, Eddy, ed. Vegetation Ecology. Malden, MA: Blackwell, 2005.395 and 10 pp., \$79.95, ISBN 0-632-05761-0.

Xie, Yu and Kimberly A. Goyette. A Demographic Portrait of Asian Americans. Russell Sage Foundation/Population Reference Bureau: 2004. Part of series The American People: Census 2000.

Reminder: To register for the Healthy Departments Workshop contact Dick Marston at marstor@okstate.edu. For details on the workshop see www.aag.org/meetings/healthydepts.

Jobs in Geography

UNITED STATES

*ALABAMA, MOBILE 36688. The Earth Sciences Department at the University of South Alabama seeks a full time Physical Geography Lab Instructor who will be responsible for instruction of ten sections per semester of a combination of atmospheric and landscape laboratories each with approximately 20 students. He/she will work closely with two other lab instructors to plan and execute labs that provide hands on experience to enhance large lecture classes. A Master's degree in Geography, prior teaching experience, and GIS/remote sensing skills are required. The position begins August 15, 2005. Send a copy of your curriculum vita and names of three references to the address below. FEB 05-60-1.

Apply: Dr. Miriam L. Fearn, Earth Sciences Department, LSCB 136, University of South Alabama, Mobile, AL, 36688. Application deadline: March 1, 2005.

AA/EEO/M/F/D.

ALASKA, ANCHORAGE 99508. University of Alaska Anchorage. The Department of History and Geography invites applicants for a full-time, tenure-track assistant professor of geography. All specialties will be considered; candidate with research and teaching interests in historical, political or economic/global geography and regional specialties in North Pacific/Far East is preferred. A strong commitment to teaching, research, and university & departmental service, including assisting in the integration of geography in the history department and demonstrated sensitivity to diverse student populations required. Responsibilities include the delivery of the introductory, world regional/global issues course; teaching basic introductory physical geography and upper-division courses in specialty area; publishing in their field; and participating in department/community service. A Ph.D. in geography required; candidate with ABD in hand will be considered if Ph.D. is completed prior to appointment date. JAN 05-24.

Apply: The complete vacancy announcement with qualifications, responsibilities and specific application procedures is available on the UAA/HRS website at www.finsys.uaa.alaska.edu/ uaahrs or by contacting UAA/HRS at (907) 786-4608; Hearing Impaired TTY Phone: (907) 786-1420. UAA is an AA/EO employer & educational institution. Applications for employment are

subject to public disclosure under the Alaska Public Records Act. Inquiries may be directed to Dorn Van Dommelen, Chair, Search Committee. afdv@uaa.alaska.edu or 907-786-1765.

ALASKA, JUNEAU 99801-8671. Assistant Professor of Geographic Information Systems. The University of Alaska Southeast is seeking a qualified individual for a tenure-track position in the Department of Natural Sciences. This position will support undergraduate degree programs in Environmental Science, Marine Biology, and general Biology. A Ph.D. in one of the Natural Sciences or Geography with an emphasis on GIS is required.

Research focus could include but is not restricted to: Geoscience, Environmental Science, Oceanography, or Biology. Knowledge of major GIS software, particularly ESRI products, is essential. The successful candidate will have a demonstrated record of research, publication, and successful teaching experience. For more information about the position and application

process see our job posting at: www.uas. alaska.edu/envs/gis

JAN 05-8.

ARIZONA, TUCSON 85721. The Department of Geography and Regional Development (GRD) at the University of Arizona (http://geog.arizona.edu) invites applications for a geographer at the advanced Assistant or Associate Professor rank with an established research and teaching record in the social or biophysical dimensions of water resources, with an emphasis on implications for water policy at regional, national, or international levels. We are looking for an energetic scholar who can provide leadership in one or more areas encompassing the socio-economic, political, health/safety, human-environmental, climatological, hydrological, biogeographical, or geomorphological dimensions of water. Methodological expertise open, but at a minimum candidates should demonstrate an ability to work as a member of multi-disciplinary,

"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

multi-method research teams. Regional expertise is open, but the Department has a preference for someone with a strong background in semi-arid lands. Formal affiliation with the University's Water Resources Research Center (http://cals.arizona.edu/azwater/) is expected; collaboration with allied units, such as SAHRA (Sustainability of semi-Arid Hydrology and Riparian Areas), the Institute for the Study of Planet Earth, the Office of Arid Lands Studies, the Department of Hydrology and Water Resources, the Udall Center for Studies in Public Policy, and the Center for Applied Spatial Analysis, is possible. The Department is seeking an individual who is able to work with diverse students and colleagues, and who has experience with a variety of teaching methods and curricular perspectives. JAN 05-17.

To apply, visit the University of Arizona job webpage at www.uacareertrack.com, and enter Job # 31873. Applicants should be prepared to submit a CV, a letter of application outlining current and future research contributions, and the names and addresses of three referees. Additional materials, such as a teaching portfolio and research articles, may be subsequently requested by the Department. The position is open until filled, with applications reviewed on a continual basis beginning December 1. Anticipated start date is Fall 2005. Appointment is contingent upon final budgetary approval. As an equal opportunity and affirmative action employer, the University of Arizona recognizes the power of a diverse community and encourages applications from individuals with varied experiences, perspectives, and backgrounds M/W/D/V.

*CALIFORNIA, REDLANDS 92373. Proposal Administration Manager. Join the world leader in GIS! ESRI is seeking a dynamic individual interested in managing and supporting the delivery of high quality proposals to our clients. This individual will create and utilize systems for multi-level proposal status, tracking, and miscellaneous reports as well as direct all activities for the proposal team to ensure the submittal of quality IT implementation proposals. This position is also responsible for overseeing and supporting development of materials and proposals including resumes, project descriptions, and qualifications.

Successful candidates will possess a Bachelor's degree, Master's preferred, in business, MIS, or a related field and a minimum of six to eight years of experience in a commercial IT organization performing proposal administration and business development. Applicants must also have hands-on

experience developing winning proposals along with strong communication and writing skills. GIS knowledge preferred. FEB 04-45.

To apply, send your cover letter and resume to jobs@esri.com or apply online at www.esri. com/careers. Please code all submissions AAG/IO.

CALIFORNIA, SAN BERNARDINO 92407. Geography and Environmental Studies - Assistant Professor, tenure track, available beginning September, 2005, California State University, San Bernardino, California. Candidates must have a Ph.D. in Geography, Environmental Studies, or a related discipline at the time of hiring. The position will require teaching of Human Geography and Regional Geography, both at the lower and upper division levels, and courses in the candidate's area of expertise. Preference will be given to candidates who can teach introductory GIS and oversee the GIS lab. Candidates will also be expected to do research in their area of expertise. Geography at California State San Bernardino has a strong presence in general education and in teacher training. The geography and environmental studies programs require a dedication to undergraduate teaching. Mail a letter of interest, vitae, three current letters of reference, a list of courses previously taught, and official transcripts to the address below. JAN 05-19-3.

Apply: Jeff Hackel, Chair, Department of Geography and Environmental Studies, California State University, San Bernardino, CA 92407. Closing Date: Until the position is filled. CSUSB is strongly committed to achieving excellence through cultural diversity. The university actively encourages applications and nominations of all qualified individuals. EEO.

CALIFORNIA, SAN FRANCISCO 94132. Director (Associate Professor to Professor rank with tenure) for an innovative, expanding, interdisciplinary Environmental Studies Program. The ENVS Program at San Francisco State University currently has about 150 majors, awards degrees in 5 concentrations, and incorporates coursework in six of the eight University colleges. Ph.D. in a relevant field, demonstrated leadership qualities, commitment to teaching and research, and clear potential for securing external funding. Candidates must be committed to working collaboratively with an interdisciplinary group of faculty and students. Rank and salary negotiable and commensurate with experience.

For more details on the position and ENVS Program, please visit our website at http://bss.sfsu.edu/envstudies. Please send letter of

application, curriculum vitae, three letters of reference, and statement of philosophy of academic leadership to the address below. JAN 05-15.

Apply: Chair, ENVS Search Committee; c/o Department of Geography and HES; San Francisco State University; 1600 Holloway Avenue; San Francisco, CA 94132. Review of applicants will begin on 1 December 2004.

San Francisco State University, a member of the California State University system, serves a diverse student body of over 28,000 undergraduate and graduate students. The University seeks to promote an appreciation of scholarship, freedom, and human diversity through excellence in instruction and intellectual accomplishment. We are particularly interested in attracting women, ethnic minorities, and persons with disabilities. San Francisco State University is an Affirmative Action/Equal Opportunity Employer.

*COLORADO, COLORADO SPRINGS 80918. The Department of Geography and Environmental Studies (GES) at the University of Colorado at Colorado Springs (UCCS) invites applications for a tenure track position of Assistant Professor in Resource Management and Environmental Sustainability, beginning August, 2005. Areas of expertise might include Federal public land policy, water resources and law, land use planning, or other issues of public land and resource management. Expertise in sustainable resource consumption, energy use, social equity, or other foci of sustainability that bridge the physical-human divide are expected in order to build our environmental studies emphasis and contribute to new departmental initiatives into topics of sustainability. Regional expertise in the Rocky Mountain West would be ideal. Candidates who can also contribute towards instruction in image processing or GIS applications are preferred. Candidates must maintain an active research agenda and strong commitment towards procuring external funding. We promote an inclusive and supportive work environment, and seek a candidate capable of interdisciplinary collaborations and applied research. Candidates must possess a Ph.D. or be near completion. See GES website at web.uccs.edu/geogenvs.

GES offers a BA in geography and environmental studies and an MA in applied geography, and was the recipient of the state-wide Program of Excellence Award in 2000. UCCS is part of the 3-campus University of Colorado System and is one of the fastest growing universities in the nation. The geographic setting at the base of Pikes Peak is spectacular. Applicants should send a curriculum vitae, statement of research and

teaching interests, and contact information for three references to the address below. FEB 05-57.

Apply: Search Committee Chair, Department of Geography and Environmental Studies, University of Colorado at Colorado Springs, Colorado Springs, CO 80933-7150. Review of applications will begin Feb. 28 and continue until position is filled. The University of Colorado at Colorado Springs is committed to diversity and equality in education and employment.

*DISTRICT OF COLUMBIA, WASHING-TON 20009. The Association of American Geographers is seeking a Writer/Project Coordinator who will assist with writing proposals, press releases, and articles; and with the coordination of special projects at the AAG. The ideal candidate will be highly organized, able to manage multiple projects under strict deadlines, and have excellent written and verbal communication skills. Previous publication required. Experience with federal grants/contracts a plus.

We desire applicants interested in long-term, stable employment with the AAG, which offers an excellent working environment. Salary commensurate with experience. The AAG is an equal opportunity employer. Submit resume and two writing samples (preferably publications) to Heather Heimbuch, AAG, 1710 Sixteenth Street NW, Washington, DC 20009, or by email to hheimbuch@aag.org. FEB 05-AAG.

*FLORIDA, CORAL GABLES 33124-2221. University of Miami, College of Arts and Sciences, Department of Geography and Regional Studies. Applications are invited for a tenuretrack position, starting August 2005, at the level of Assistant or beginning Associate Professor for an Environmental Geographer with research interests in international or regional development. Associate Professor level candidates are expected to demonstrate an active program of research and scholarship, ability to attract external funding, and evidence of excellence in teaching; Assistant Professor level candidates are expected to demonstrate the potential for these activities. Preference will be given to candidates who use remote sensing and/or GIS in their research, and who complement the existing strengths of the faculty. Applicants from other specialties with particularly strong research records may be considered. Regional expertise in Latin America will be considered a plus.

Located in suburban Miami-Dade County, the Department has ten full-time faculty and offers a BA and MA in Geography and Regional Studies. Major areas of research emphasis among the faculty include urbanization, globalization, quantitative environmental analysis, land-cover change, and spatial statistics. The Department recently upgraded its GIS laboratory, which provides a wide range of advanced tools for geographic analysis. Opportunities exist for new faculty to interact with researchers in the highly ranked Rosenstiel School of Marine and Atmospheric Science, the School of Medicine, and other Departments and research centers within the College of Arts and Sciences.

Candidates must hold a Ph.D. or equivalent by the time of appointment, advanced ABD candidates must furnish evidence indicating pending completion of their programs of study. Applicants should send a copy of their Curriculum Vitae and a statement of research and teaching interests, as well as have three letters of recommendation sent, to the address below. FEB 05-65.

Apply: D.O. Fuller, Chair, Search Committee, Department of Geography and Regional Studies, University of Miami, Coral Gables, FL 33124-2221. For more information, applicants are encouraged to contact the Search Chair via e-mail at dofuller@miami.edu and visit the Department's http://www.as.miami.edu/geography. Review of applications will begin on January 30, 2005 and will continue until the position is filled.

*FLORIDA, MIAMI 33199. The Women's Studies Center and the Department of International Relations and Geography at Florida International University invite applications for a shared associate or full professor position (with tenure home in IR/Geo). We seek a human geographer with a specialization in gender. Regional specialization is open; international or comparative approach particularly welcome. Candidates also may be considered for an Associate Director appointment in Women's Studies. Send letter of application, cv, reprints and a chapter-length writing sample, and names of three referees to the address below. FEB 05-52.

Apply: Prof. Suzanna Rose, Chair, Search Committee, DM 212, Florida International University, University Park, Miami, FL 33199. Review of applications will begin December 15 and continue until the position is filled. AA/EOE

*HAWAII, HONOLULU 96848. The East-West Center is accepting applications for a Fellow in Population and Health in the Research Program. The Program's objective is to improve understanding of how social, economic, cultural, political, and environmental conditions interact with demographic and health trends, and to contribute to the formulation of effective population, health, and development policies and programs in the

Asia-Pacific region. Candidates must have a Ph.D. or equivalent and at least 8 years of post-Ph.D. research experience. Candidates must have a strong grounding in policy-relevant research, a successful record of obtaining funding for research. Demonstrated strong leadership skills are a factor in consideration for a higher level position.

Applicants must have the ability to work collaboratively with individuals from diverse cultural backgrounds, contribute to the programs of the East-West Center, and orient their research to the Center's institutional objectives. They must have good communications skills with fluency in English. Asian language fluency is an asset. Salary (including COLA) ranges from \$78,631 to \$120,230 commensurate with qualifications and experience. FEB 05-50.

For more information, visit: http://www. eastwestcenter.org/about-eo.asp. An Equal Opportunity Employer.

IDAHO, MOSCOW 83844-3021. The Department of Geography at the University of Idaho seeks applicants for Assistant Professor to begin August 2005. This is a tenure-track appointment in an active department in the College of Science. We are looking for a specialist in GIScience and GIS applications, who can strengthen our established programs. Applicants must show promise in building a research program in GIScience with applications to important scientific and policy related problems in either physical or human geography. We offer B.S., M.S., and Ph.D. degrees in Geography, a GIS certificate, and are active partners in the interdisciplinary Environmental Science program and the National GAP analysis project. Ph.D. is required, or expected by June 15, 2005. Ability to teach introductory and advanced courses in GIS is required. Applications will be accepted until the position is filled, but screening will begin on February 15, 2005. JAN 05-43.

To apply, complete the online application form at www.hr.uidaho.edu. AA/EOE.

ILLINOIS, CARBONDALE 62901 4514. Southern Illinois University at Carbondale. The Department of Geography and Environmental Resources invites applications for a tenure-track assistant professor position to begin August 16, 2005. This is a new "faculty hiring initiative" position that initiates a cluster hire in environmental analysis. Candidates must have research interests in environmental risk, environmental change and GIS. A Ph.D. in Geography or a related field should be completed by time of appointment; if all requirements are not completed, a one-year appointment as Instructor will be offered. Applicants should have a commitment to both undergraduate and graduate teaching and have a professional record that establishes their research and funding potential. The candidate will serve on M.S. and Ph.D. student committees. Candidates must be proficient in English. We seek candidates who can contribute to our many interdisciplinary research teams and participate in our interdisciplinary Environmental Resources & Policy Ph.D. program (www.siu.edu/~er&p). Our department maintains a modern spatial analysis GIS lab and we focus on environmental analysis and problem-solving (see www.geography.siu.edu). The Department of Geography and Environmental Resources has a diverse, dynamic, and collegial faculty. We are located in the forested hills between the Mississippi and Ohio rivers. Review of applications will begin January 3, 2005 and continue until filled. Applications should include a letter describing research and teaching experience, CV, and list of three references. Candidates should also include reprints of recent publications. JAN 05-29.

Apply: Leslie A. Duram, Chair, Department of Geography and Environmental Resources, Southern Illinois University Carbondale, Carbondale, IL 62901-4514. Phone: 618/536 3375. FAX 618-453-6465. duram@siu.edu. SIUC is an affirmative action/equal opportunity employer that strives to enhance its ability to develop a diverse faculty and staff and to increase its potential to serve a diverse student population.

*INDIANA, MUNCIE, 47306-0470. Ball State University, Department of Geography. Applications are invited for a tenure-line position at the Assistant Professor level beginning August 19, 2005. We seek a Cartographer to teach Introductory Computer Cartography, Advanced Cartography and Graphics, Map Interpretations and introductory geography courses. The successful candidate will be expected to teach, conduct research, supervise student research, seek external funding, and advise students. Minimum qualifications: doctorate in geography or closely related field by August 1, 2005; demonstrated commitment to quality teaching and research, including a strong ability to secure external funding; expertise in most recent cartographic software packages. Preferred qualifications: special emphasis in computer cartography and map reading; demonstrated ability to conduct research in area of interest; publications or evidence of other scholarly activity. Competitive salary and benefits package. Send letter of application, including statement of teaching and research interests; curriculum vitae; copies of transcripts; documentation of scholarly activity; and the names and contact information of three references to the address below. FEB 05-56.

Apply: Dr. Petra Zimmerman, Chair, Search Committee, Department of Geography, Ball State University, Muncie, IN 47306. (Tel: 765.285.1617; Email: pazimmermann@bsu.edu. Official transcripts will be required upon employment. Review of applications will begin February 28, 2005, and will continue until the position is filled. (www.bsu.edu).

Ball State University seeks to attract a culturally and academically diverse faculty of the highest caliber. Ball State University is an equal opportunity, affirmative action employer and is strongly and actively committed to diversity within its community.

INDIANA, MUNCIE 47306. Assistant Professor, Department of Geography, Ball State University.

One-year contract position available August 19, 2005. The department is seeking a broadly trained human geographer with teaching interests in economic geography and world regional geography. The successful candidate is expected to posses a strong commitment to advising students. Minimum qualifications: ABD in geography or other related disciplines; demonstrated commitment to quality teaching. Preferred qualification: Ph.D. in geography or other related disciplines with special emphasis in economic geography and world regional geography.

Send letter of application, including statement of teaching interests; curriculum vitae; copies of transcripts; and the names and contact information for three references to the address below. JAN 05-22.

Apply: Dr. Chris Airriess, Chair, Search Committee, Department of Geography, Ball State University, Muncie, IN 47306. (Tel: 765.285.1614; Email: cairries@bsu.edu) Official transcripts will be required upon employment. Review of applications will begin February 28, 2005, and will continue until the position is filled. (www.bsu.edu)

Ball State University seeks to attract a culturally and academically diverse faculty of the highest caliber. Ball State University is an equal opportunity, affirmative action employer and is strongly and actively committed to diversity within its community.

IOWA, AMES 50011-3095. College of Design, Iowa State University Vacancy #043773.

The Department of Community and Regional Planning at Iowa State University is seeking to fill

two tenure-track or tenured faculty positions at the rank of Assistant or Associate Professor starting August 16, 2005.

Candidates at the assistant professor level must have, at a minimum, the following required qualifications: a Ph.D. in planning or related field. Potential to excel in teaching, research, and outreach plus AICP membership or eligibility. Candidates at the associate professor level must have a Ph.D. in planning or related discipline with five years of experience, demonstrating a strong record of teaching, research, and/or professional practice plus AICP membership or eligibility. All candidates should be able to teach and perform research in at least two of the following areas: spatial analysis and GIS, community design, local and state economic development, small town/rural focus and/or experience, urban design, land use, regional planning. Candidates should also be able to work in a variety of settings and scales, to secure sponsored funds and grants, to conduct research and outreach, and have practical experience in planning or related field.

Preferences will be given to candidates who have a Ph.D. in planning and a demonstrated record of teaching, at the university level, research and outreach, AICP membership or eligibility. Salary is competitive.

Applicants should send a letter of interest, a copy of their curriculum vitae, names of three references, and a copy of one publication and one course outline in the area of their specialty. The letter should address the applicant's qualifications, courses the applicant is prepared to teach, applicant's research interests and outreach experiences. Please provide an email address for communication purposes. Review of applications will begin January 10, 2005. JAN 05-30.

Applications should be mailed to: CRP Faculty Search Committee, Iowa State University, 126 College of Design, Ames, IA 50011-3095.

For more information about the department, $http://www.public.iastate.edu/\sim design/crp/crp.html.$

Iowa State University is an Equal Opportunity/Affirmative Action Employer. Minorities and women are particularly encouraged to apply.

MARYLAND, BALTIMORE 21218. The Johns Hopkins University, Department of Geography and Environmental Engineering (http://engineering.jhu.edu/~dogee/) invites applications for a tenure-track position in environmental and/or resource economics and its application to public policy. The Department anticipates that the position will be filled at the Assistant Professor level, although exceptional candidates at the Associate or full Professor level will be considered as well. The

Department is concerned with understanding the nature and dynamics of ecosystems, engineered systems, and societies and the design of engineering and scientific strategies and technologies to address pressing environmental problems. This position is a critical bridge in the interdisciplinary structure of the Department's program. The successful candidate would actively participate in the Department's undergraduate program in Environmental Engineering and its interdisciplinary graduate programs, especially the program in Systems Analysis & Economics for Public Decision Making.

Candidates should have a doctorate in economics, public policy, management science, or other appropriate discipline, along with research credentials in a relevant field of applied microeconomic analysis. Candidates with education in engineering or physical sciences are especially encouraged. Experience in collaborating with engineers, environmental scientists, and social scientists on multidisciplinary projects is highly desirable. The appointee would be expected to establish a funded research program and to teach graduate and undergraduate courses in microeconomics for engineers, as well as environmental and natural resource economics, and quantitative analysis of public policy.

Send letter of interest, curriculum vitae, a one- to two-page summary of research and teaching competencies, relevant papers and publications, and the names of three references to the address below. JAN 05-13.

Apply: Chair, Environmental Economics Search Committee, Department of Geography and Environmental Engineering, 313 Ames Hall, The Johns Hopkins University, Baltimore, MD 21218. Review of applications will begin immediately and continue until the position is filled. Women and minorities are strongly encouraged to apply. The Johns Hopkins University is an EEO/AA employer.

*MARYLAND, TOWSON 21252. The Department of Geography and Environmental Planning, Towson University, seeks applications for a full-time tenure-track position in Cartography at the Assistant or Associate Professor level, starting in August 2005. Duties include teaching courses in map reading and in computer cartography every semester to supplement current program strengths in the Geographic Information Sciences. Applicants must demonstrate a commitment to undergraduate teaching and to scholarship.

Essential Criteria: ability to teach introductory and advanced courses in map interpretation, map design and digital cartography; demonstrated

command of graphics and desktop publishing programs such as FreeHand, Photoshop, Illustrator; ability to teach graduate-level courses within one's specialty; and earned doctorate in Geography or related field; requisite tenure-track years for rank of Associate Professor if placed at that rank.

Desirable Specialties: Candidates will strengthen their application if they can teach graduate and undergraduate courses in ONE of the topical areas: Regional: Latin America, South Asia, or East Asia; Geographic techniques; Human: Population, Urban Systems, Planning, Development, Sustainable Development; Environmental: Biogeography, Rivers, Water Resources Management, Environmental Assessment and Impact Analysis.

The Department offers BS and MA programs, a Minor in GIS, and BS in Geography and Land Surveying. The Department is associated with the Center for Geographic Information Sciences, a self-supporting organization providing GIS services to the mid-Atlantic region, and is linked with interdisciplinary programs including Environmental Science and Studies, International Studies, Metropolitan Studies, Cultural Studies, and Education. Applicants may seek more information about the department from our website: http://www.towson.edu/geography/. FEB 05-64.

Apply to: Dr. Wayne McKim, Search Committee Chair, Department of Geography, 7800 York Road, Towson University, Towson, MD 21252. Email: wmckim@towson.edu Phone: (410) 704-2968. The review of applications will begin March 1, 2005 and continue until the position is filled. Applicants are required to submit a letter that articulates how their qualifications address the criteria for this position, a CV, contact information for three referees, and a portfolio of their cartographic work. Digital materials for the cartographic portfolio should be submitted on CD-ROM or through a URL.

Founded in 1866, Towson University is recognized by U.S. News & World Report as one of the top public universities in the Northeast and Mid-Atlantic regions. Towson is nationally recognized for its programs in the liberal arts and sciences, business, education, communications, health sciences, and the fine and performing arts. The University places a strong emphasis on service learning and civic engagement through such activities as internships, practica, clinical placements, course assignments, and student events. As the Baltimore area's largest university and Maryland's Metropolitan University, Towson articulates its research and scholarship mission through partnerships that link the University to the economic, educational and cultural life of the state of Maryland and the midAtlantic region. Towson enrolls more than 17,500 undergraduate and graduate students in 64 undergraduate majors, 35 master's programs and four doctoral programs. Located on a rolling 328 acres, the campus is eight miles north of downtown Baltimore and 45 miles from Washington, D.C. The campus and its surrounding cities provide an excellent environment for teaching and supporting the academic pursuits of the 600 full-time faculty who work here.

Towson University is an equal opportunity/ affirmative action employer and has a strong institutional commitment to diversity. Women, minorities, persons with disabilities, and veterans are encouraged to apply.

MASSACHUSETTS, BOSTON 02125-3393.

University of Massachusetts Boston The Department of Environmental,

The Department of Environmental, Earth and Ocean Science (EEOS) (http://www.ecos.umb.edu) seeks two tenure-track faculty for September 2005:

Search #525b: Assistant Professor in Coastal Geology/Physical Geoscience with research focused on the coastal environment. Competency in GIS preferred.

Search #520b: Assistant or Associate Professor in either Geographic Information Technologies (GIT) or Environmental Remote Sensing Using GIS. For GIT, preference will be given to applicants with experience in applying GIS for urban/economic applications as well as applications that link urban dynamics with coastal and ocean environments. For Remote Sensing, applicants should have experience with GIS, spatial statistics and their integration with remote sensing, and have experience with high resolution and hyper spectral imagery and large dataset management. The successful applicant is expected to participate in the GIS certificate program and the campus-wide Applied GIS Core Facility. The individual must have interests in understanding and managing the effects of natural and human perturbations on linked watershed-coastal or coastal-marine ecosystems.

Applicants for both positions must have a fundamental commitment to join a multidisciplinary faculty that emphasizes linkages between the social and natural sciences. Preference will be given to candidates with strong quantitative skills, with a sincere commitment to interdisciplinary research who are willing to both initiate and participate in team-based research projects, and whose research complements research by other EEOS faculty. Applicants must have a well-conceived research and teaching program, capable of supporting graduate research through external

funding. Teaching responsibilities include supervising graduate and undergraduate students and teaching both undergraduate and graduate courses related to their discipline. Qualifications: Ph.D. with post-doctoral experience. Send a cover letter that includes statements of interests and goals in research and teaching, c.v., and three letters of reference to the address below. JAN 05-5.

Apply: EEOS Search, Dean of the College of Science and Mathematics, Search 525b (geo) or 520b (GIT), UMass Boston, 100 Morrissey Blvd., Boston, MA 02125-3393. Application review will begin on 15 December and continue until position is filled. UMass Boston is an Affirmative Action, Equal Opportunity Title IX employer.

*MASSACHUSETTS, FRAMINGHAM 01701.

The Department of Geography at Framingham State College invites applications for a tenure-track position at the level of Assistant Professor beginning in fall 2005. Ph.D. in Geography is required at the time of appointment. We seek applicants with expertise in GIS and Remote Sensing with additional ability to teach technical courses such as spatial analysis, Quantitative Methods, and introductory courses in GIS and/or Remote Sensing Applications. The applicant should also have a broad research interest in, and developed ability to teach, Environmental planning or Economic Development. A strong commitment to undergraduate teaching is expected. Framingham State College has a growing Geography Department in the process of building a GIS Lab. Framingham is located midway between Boston and Worcester in the midst of a progressive and growing suburban area undergoing economic and environmental transformation. Candidates should submit a letter of application, curriculum vitae and 3 letters of recommendation by March 1, 2005 to the address below. FEB 05-51.

Apply: Dr. Yaser Najjar, Chair, Dept. of Geography, Framingham State College, 100 State Street, Framingham, MA 01701. Fax to: (508) 626-4019, or Email: ynajjar@frc.mass.edu.

MASSACHUSETTS, WORCESTER. The Department of Physical and Earth Sciences invites applications for two tenure-track positions at the Assistant Professor level beginning in fall 2005.

Position 1: Geomorphology. Minimum requirements include a Ph.D. in Geography or related discipline and undergraduate teaching experience. Candidates should be broadly trained in Physical Geography with strong GIS skills. The position involves teaching introductory Geomorphology, sections of introductory Physical

Geography and upper level courses in the candidate's area of expertise. A specialization in fluvial or coastal processes and environments is preferred. The ability to develop a soils course and to integrate geoscience technologies into teaching and research are also desirable.

Position 2: Geographic Technologies (GIS). Minimum requirements include a Ph.D. in Geography or a related geoscience, expertise in GIS and remote sensing, research experience in a human or physical geography application, and undergraduate teaching experience. The position involves teaching introductory cartography, GIS, advanced GIS, and geographic research methods. The successful candidate will be expected to develop courses in introductory remote sensing, GIS and remote sensing applications, and upper level courses in one's area of specialization. The person hired will also assume primary responsibility for managing the GIS lab.

Applicants must demonstrate potential for excellence in undergraduate teaching and scholarship, an active research agenda and a commitment to public higher education. A potential for involving undergraduates in research is also highly desirable. Worcester Sate College is part of the Massachusetts state college system. The position carries full state benefits, and the contractual teaching load is 12-semester hour's credit per semester.

Submit letter of interest, curriculum vitae, professional resume, original transcripts (highest degree) and three current letters of recommendation to the address below. JAN 05-33.

Apply: Director of Human Resources, Worcester State College, 486 Chandler Street, Worcester, MA 01602-2597. Screening of applicants will begin November 20, 2004, and will continue until the position is filled. Worcester State College is an equal opportunity/Affirmative Action Employer, M/F/D/V.

MICHIGAN, EAST LANSING 48824. Michigan State University invites applications for a fulltime, tenure-track position, beginning Fall 2005, to direct the Program for Global Urban Studies in the College of Social Science (PRGUS). PRGUS is a new multi-disciplinary graduate program designed to further research and teaching in the comparative and transnational aspects of urbanization. The rank is at either the Associate or Full Professor levels and the tenure home will be located in a relevant academic department. Candidates should have a PhD in a traditional discipline such as but not restricted to Anthropology, Criminal Justice, Psychology, Geography, Sociology, Economics, or Political Science. The director of PRGUS will manage a multi-disciplinary graduate

program, teach in the program, cultivate collaborations within the university community, seek external funding, and be prepared to speak prominently, nationally and internationally, on behalf of urban related issues. We seek candidates whose background, experience, and vision for the future will provide innovative leadership in all aspects of PRGUS' mission in the context of a rapidly evolving transnational urban environment. The ideal candidate will have an impressive record of scholarly achievement, be particularly supportive of multi-disciplinary research, and will be expected to maintain an active and successful research program. International experience is desirable. Salary is commensurate with qualifications and experience. Applications will be accepted until December 31, 2004 or until a suitable candidate is selected. Letter of application, accompanied by a curriculum vitae, a representative scholarly paper, and the names and addresses of three references should be sent to the address below. JAN 05-38-3.

Apply: Chair PRGUS Search Committee, Department of Political Science, Michigan State University, 303 S. Kedzie Hall, East Lansing, Michigan 48824. MSU is an Affirmative Action/Equal Opportunity Institution.

MICHIGAN, GRAND RAPIDS 49546. Calvin College, Department of Geology, Geography, and Environmental Studies.

Applications are invited for a one-year sabbatical leave replacement position beginning September 2005, pending final administrative approval. Calvin College is a Christian liberal arts college of the Christian Reformed Church and is an equal opportunity employer. Ph.D. in hand or near completion is required. The successful candidate will be asked to teach courses in introductory earth systems, a course in geomorphology, and an advanced course relating to the candidate's field of specialization. Rank and salary are open. Faculty members are expected to uphold the college's religious and educational mission. Visit the Provost's Office web site at http://www.calvin.edu/admin/ provost/. Applicants should send a resume, transcripts, and three letters of recommendation to the address below. JAN 05-36.

Apply: Dr. Ralph Stearley, Department of Geology, Geography, and Environmental Studies, Calvin College, Grand Rapids, MI 49546. Applications should be submitted by Mar. 1, 2005.

MICHIGAN, UNIVERSITY CENTER 48710. Assistant Professor of History/Geography.

The Department of History/Geography at Saginaw Valley State University seeks applicants for a tenure-track Assistant Professor position

starting Fall 2005, with the possibility of beginning earlier. Seeking a geographer to teach introductory courses and upper-division courses in her/his specializations. Introductory courses include World Regional Geography and Introduction to Physical Geography. All specializations considered, but applications from economic, political, and physical geographers, and those with regional expertise outside North America, Latin America, and Africa, are especially encouraged. First priority will be given to applicants with Ph.D. in hand, but advanced ABDs will be considered. The successful candidate will exhibit a strong commitment to undergraduate teaching and to developing new geography programs. SVSU offers excellent benefits and retirement program. For more information about SVSU, visit our website at www.svsu.edu. For full consideration, please send letter of application specifying the position of interest with curriculum vitae and contact names, addresses, and emails of three professional references to the address below. JAN 05-3.

Apply: Employment & Compensation Services, Saginaw Valley State University, 7400 Bay Road, University Center, MI 48710. Screening of applicants will begin immediately and continue until the position is filled. SVSU is an EO/AA employer. Women and minorities are encouraged to apply.

MINNESOTA, BEMIDJI 56601-2699. Assistant Professor/Instructor In Geography, probationary, tenure track. Salary is competitive. Date of appointment: August 24, 2005, (approximately). Responsibilities: The successful candidate will teach courses in geography. Courses will include both introductory and upper level courses in Physical Geography, GIS, Site Analysis and Planning, and Field Geography. The faculty member will be expected to recruit more majors and advise students in the program. The faculty member should anticipate involvement with interdisciplinary teaching and distance learning delivery. In addition to classroom responsibilities and student advising, the successful candidate will be required to continue his/her professional development and work with other faculty members in university and community service. Qualifications: A Ph.D. or ABD in geography at the time of appointment with documented schedule for completion within a year, and the evidence of effective teaching are required. A doctorate is required for favorable tenure consideration. Commitment to quality teaching is expected from all candidates. Applicants should exhibit an interest in and the ability to teach a diversity of courses at all levels of undergraduate geography. Graduate coursework in the areas of responsibility is expected as is promise for scholarly achievements. *Application Information*: Applicants should submit a letter of application, resume and curriculum vitae, official copies of graduate transcripts (official transcripts are required at the time of employment), three letters of reference, copies of publications, and teaching evaluations. (Persons writing letters of reference should be advised of Minnesota's open record law, which can make such letters available to applicants upon request.) JAN 05-6.

Apply To: Dr. Ranae Womack, Dean, College of Social and Natural Sciences, Attention: Geography Search Committee, Bemidji State University, 1500 Birchmont Drive NE #27, Bemidji, MN 56601-2699. Email: rwomack@bemidjistate.edu. Inquiries may be directed to: Dr. Satish Davgun, 1500 Birchmont Drive NE #23, Bemidji State University, Bemidji, MN 56601-2699. Tel: 218-755-3350. Email: sdavgun@bemidjistate.edu. Application deadline: Review of applications will begin January 31, 2005, and will continue until filled.

Bemidji State University is an Equal Opportunity Educator and Employer.

*MINNESOTA, SAINT CLOUD, 56301-4498. Saint Cloud State University.

The Department of Geography at Saint Cloud State University invites applications for a tenuretrack assistant professor position to begin late August 2005. We are seeking qualified candidates with expertise to teach undergraduate and graduate courses in urban and regional planning, and physical planning (land use and zoning). Ability to offer courses on GIS, redevelopment (brownfields, grayfields and neighborhoods), environmental planning, regional tourism planning, introductory and advanced geography and planning courses also desired. Evidence of strong communication and teaching skills to encourage student involvement in the classroom is highly desirable. Ph.D. in Geography, Urban & Regional Planning, Urban Affairs/Studies, or related field required by appointment date. Ability to teach and/or perform effectively, scholarly achievement or research, continued preparation and study, contribution to student growth and development, and service to the university and community. The Department of Geography is one of the largest in the upper Midwest, and houses majors in Geography, Travel and Tourism, Land Surveying, a minor in GIS, and a masters degree program. The successful candidate will have demonstrated ability to teach and work with persons from culturally diverse backgrounds. For complete position description and more information, contact Dr. David L. Wall at dlwall@stcloudstate.edu. Send complete applications (cover letter, vita, transcripts) and three current letters of recommendation to the address below. FEB 05-55-1.

Apply: Dr. David L. Wall, Search Committee Chair, Department of Geography, Saint Cloud State University, Saint Cloud, Minnesota 56301-4498. All materials must be received by February 11, 2005. E-mailed or faxed applications will not be accepted. SCSU is committed to excellence and actively supporting cultural diversity. To promote this endeavor, we invite individuals who contribute to such diversity to apply, including minorities, women, GLBT, veterans and persons with disabilities. http://condor.stcloudstate.edu/~geog/.

*MISSISSIPPI, CLEVELAND 38733. Position: Assistant Professor of Social Science Education. This is a full-time position. Starting Date: August, 2005

Responsibilities: The candidate must be able to teach secondary social studies methods, and course work in the area of social sciences (Geography, Political Science, or Sociology) and direct student-teaching. Teaching load will be 3 courses per semester and direct student-teaching each semester. This person is also responsible for all reports related to this degree program's accreditation.

Deadline for application: March 1, 2005

Qualifications: Ph.D. in Social Sciences (Geography, Political Science, or Sociology). Preference will be given to applicants who have secondary school teaching experience.

Salary: Commensurate with qualifications and experience. FEB 05-48-1.

Apply to: Interested persons should send a letter of application, transcripts, curriculum vitae, and three letters of reference to Dr. Albert Nylander, III, Chair, Division of Social Sciences, Delta State University, Cleveland, MS 38733. Inquiries can be directed to anylandr@deltastate. edu or 662-846-4065.

Delta State University is an Equal Opportunity, Affirmative Action Employer, M/F.

MONTANA, MISSOULA 59812-5040. The Department of Geography at The University of Montana-Missoula seeks a physical geographer with expertise in water resources and soil science to fill a tenure-track position as Assistant Professor of Geography, beginning August 2005. A Ph.D. in geography or a closely related field must be in hand by start of appointment. The salary is competitive. We seek a dynamic candidate with demonstrated research potential and an enthusiasm for teaching at the undergraduate level.

Particular importance is attached to research related to mountain environments and/or agriculture, and that will involve undergraduate and graduate students. Use of GIS in research is expected. In addition to research in the Rocky Mountain West, a foreign-area focus upon Central Asia or the Middle East would complement existing emphases within the department. The successful candidate will teach introductory courses in physical geography and upper-division and graduate courses in field techniques, GIS applications to physical geography, and other systematic courses in his or her area of specialty. The faculty member will also provide service to the university, the community, and the state of Montana.

Applicants should forward a statement describing their research and teaching interests, documented evidence of teaching excellence, a current curriculum vitae, and the names of three references to the address below. JAN 05-25.

Apply: Jeffrey A. Gritzner, Chairman, Department of Geography, The University of Montana, Missoula, Montana 59812-5040. Voice mail: 406-243-4302. Facsimile: 406-243-4840. Email: jeffrey.gritzner@umontana.edu. Review of applications will begin January 10, 2005 and will continue until the position is filled. This position announcement can be made available in alternative formats upon request. For additional information about the department, see www.umt.edu/geograph/.ADVANCE/PACE grant funding is available to encourage women and minorities to apply. The University of Montana is an Equal Opportunity/Affirmative Action Employer.

MONTANA, MISSOULA 59812. Assistant Professor, Integrated Natural Resource Planning. Nine-month, tenure track position in the Department of Forest Management, College of Forestry and Conservation, The University of Montana, to begin Fall 2005. PhD in forestry or related natural resources field with emphasis in integrated planning at the landscape level required at time of appointment. Successful candidate will be expected to teach undergraduate and graduate courses in GIS and Natural Resource Planning and to develop an externally funded research program. Screening of applications will begin Jan. 15, 2005 and continue until suitable candidate is found. Applications should include a letter detailing teaching and research interests, a curriculum vita, names and addresses of three professional references, and a copy of transcripts for all degrees. All application materials should be sent to the address below. JAN 05-14.

Apply: Dr. Stephen Siebert, Chair, Search Committee, College of Forestry and Conservation,

The University of Montana, Missoula, MT 59812. Additional information on web page at: http://www.forestry.umt.edu/kiosk/employment/.

*NEW YORK, ALBANY. Assistant Professor, full-time tenure track, GIS and Environmental Biology. University at Albany Department of Geography and Planning (primary appointment) and Department of Biological Sciences. Position beginning September, 2005. For full vacancy announcement: http://hr.albany.edu/vacancy/faculty/P04-115.html. Application Deadline: March 1, 2005.

Contact Person: Dr. Floyd M. Henderson, Department of Geography and Planning f.henderson@albany.edu.

The University at Albany is an EEO/AA/ IRCA/ADA employer.

FEB 05-62-1.

NEW YORK, PALISADES. CIESIN is seeking a Staff Associate (s) for its Poverty Mapping Project. Responsibilities will include participation in the production of a global poverty map utilizing subnational spatial data; preparation of a compendium of high-resolution poverty maps; preparation of data sets and catalogues for analysis and public dissemination, and assistance in the analysis of the relationship between the spatial distribution of poverty and biophysical features such as soil fertility, water availability, and transportation access. Work is undertaken in close collaboration with the United Nations Millennium Project and the World Bank. Interaction with other partners will be necessary.

The position requires a bachelor's degree and four years related experience or Master's degree and two years related experience in policy-relevant field with training in quantitative and spatial analysis. Advanced degree preferred. Must show experience in cross-disciplinary research, and demonstrated ability to work effectively in interdisciplinary teams. Requires proficiency with statistical software (SPSS, Stata, SAS, R, or equivalent) and Geographic Information System software (ArcGIS or equivalent). Individuals should be able to demonstrate their effectiveness at working in teams as well as individually. JAN 05-32.

To apply, please submit by electronic format: a letter of application including position reference number LD67004028, a resume or C.V. that includes email address; a short statement of interest and career goals (1 page); and contact information for three references to: personnel@admin.ldeo.columbia.edu with position number LD67004028 also in the subject line. Screening will begin after the ad appears for

www.aag.org

30 days. Salary is contingent upon education and experience.

*NEW YORK, POUGHKEEPSIE 12604. Vassar College. The Department of Geology and Geography invites applications for a one-year appointment as Visiting Assistant Professor of Geography. Vassar College is an equal opportunity/affirmative action employer and is strongly and actively committed to diversity within its community. Applications from members of historically underrepresented groups are especially encouraged. We seek a broadly trained human geographer with a political-economic focus to teach five undergraduate courses during the 2004-05 year. Teaching will include two introductory courses in Global Geography, two intermediate-level courses on thematic and regional topics, and an upper-division seminar on an area of research specialization. Excellence in undergraduate teaching in a highly selective liberal arts setting is expected. Vassar College is an affirmative action/equal opportunity employer. Please send a personal statement, C.V., and two letters of recommendation to the address below by March 18, 2005. FEB 05-53.

Apply: Chair, Search Committee, Vassar College, Maildrop 735, Poughkeepsie, NY 12604.

NEW YORK, WEST POINT 10996. Assistant Professor. The United States Military Academy invites applications for an Assistant Professor position within the Geography Program in the Department of Geography & Environmental Engineering, starting in the Fall semester of 2005, with a reporting date of 1 July 2005. We are seeking an Environmental Geographer with a broad background in physical geography or environmental geography and an understanding of human - environment interactions. Proficiency is also expected in several technical areas such as GIS, remote sensing, and cartography. Principal responsibilities will include academic leadership, teaching, and scholarship in the field of geography. Specific duties will include teaching undergraduate courses in geography, to include a capstone course in environmental geography; mentoring cadets; supervising faculty and academic programs; curriculum development; junior faculty development; service on faculty committees; and research. Dedication to excellence in teaching is an absolute requirement of this position. Individuals must have a strong commitment to the educational, military, physical, and ethical development of cadets. Applicants should have a Ph.D. in geography at the time of appointment. This is regarded as a long-term position with commensurate academic promotion potential. Military experience is neither expected nor required.

Individuals interested in applying for this position should send a letter of application, curriculum vitae, and three letters of recommendation by 11 February 2005 to the address below. JAN 05-23.

Apply: Dr Jon Malinowski, Department of Geography & Environmental Engineering, United States Military Academy, West Point, New York 10996-1695. Telephone: (845) 938-4673, FAX: (845) 938-3339, e-mail: mal@usma.edu

The United States Military Academy is an Equal Opportunity, Affirmative Action Employer.

OHIO, DAYTON 45435-0001. Geography/ Urban Affairs Position.

Wright State University. Tenure-track, Assistant Professor position beginning September 2005. The Department of Urban Affairs and Geography seeks a Doctorate or exceptional ABD with the ability to teach and apply GIS. Applicants should have a record of, or demonstrate their potential for, applied research, quality teaching, community service, and a research agenda likely to produce scholarly publications. Primary teaching responsibilities, graduate and undergraduate, will be GIS courses and related subjects as needed such as urban geography, economic location analysis, and transportation. The successful candidate will have the ability to develop geo-spatial courses and participate in shaping the program's future. They will also have the opportunity to lead funded applied research projects supported by The Center for Urban and Public Affairs within the Department. The Center plays a critical role in regional development and University outreach. The successful candidate will be afforded many opportunities to work with faculty, staff and students at Wright State University and to join with seven other Ohio urban universities in research, technical assistance, and outreach addressing urban problems. Please send: 1) a letter of application; 2) curriculum vitae, 3) teaching evaluations (if applicable); and 4) names of three references and contact information to the address below. JAN 05-11.

Apply: Jack Dustin, Chair, Search Committee, Department of Urban Affairs and Geography, Wright State University, Dayton, Ohio 45435-0001. Review of applicants will begin January 14, 2005 and continue until the position is filled.

Wright State University is committed to achieving full equal opportunity in all aspects of university life and is a national leader in accommodating the needs of students with disabilities. As an EEO/AA employer, the Department strongly encourages applications from women, minorities, and persons with disabilities. Detailed information about the University is available at www.wright.edu.

OKLAHOMA, EDMOND 73034. The University of Central Oklahoma (UCO) seeks a fulltime, tenure-track Instructor/Assistant Professor of Geography in the Department of History and Geography beginning August 15, 2005.

Responsibilities: Teaching introduction to geography, world regional geography, and a wide range of upper-division geography courses; collaboration in expansion of the geography program and work in cross-disciplinary courses and projects.

Qualifications: Ph.D. in geography, ABD will be considered if Ph.D. is completed by August 2005. Preference will be given to candidates with a specialty in cultural or political geography. Previous teaching experience and regional specialty in Europe and/or Asia are also preferred.

Salary: Commensurate with credentials and experience.

Position open until filled with preference given to applications received by February 1, 2005, when applicant screening begins. JAN 05-26.

To Apply: Submit the following materials online to http://jobs.ucok.edu: Letter of application; list of three references with contact information including e-mail addresses; curriculum vita; and copies of transcripts for all college degrees.

UCO is an Affirmative Action/Equal Opportunity Employer.

For more information about the position, contact Dr. Kenny Brown, Chairperson, Department of History and Geography at (405) 974-5277 or kebrown@ucok.edu.

PENNSYLVANIA, FORT WASHINGTON 19034. Position: Geodemographer

Employee Type: Full Time.

Leadership through Innovation... Marketing Systems Group is a dynamic and growing fullservice statistical sampling company located in Ft. Washington, PA. Our clients include all the major social science research firms, Federal agencies (e.g., CDC, US Census Bureau) and commercial survey research firms. We have an opening for a geodemographer.

Responsibilities include but are not limited to: Fulfilling both internal and client requests for demographic reports/information; Researching sources for demographic information and resolving discrepancies; Defining geographic-specific sample frames for client-defined areas and non-standard industry-specific geographies; and Production of both simple and multi-layered maps for a variety of projects.

Requirements: Detailed working knowledge of all levels of US geography, including both census and postal definitions; Experience with mapping software such as MapInfo; Experience with commercial and/or governmental data sources (e.g., 2000 Census and CPS data); Experience with demographic data, including interpretation, aggregation and report generation; and Familiarity with one or more of SAS, SPSS, MS Excel, MS Access.

A statistical background a definite plus. Applicant must possess excellent analytical and communication skills, be comfortable working independently and in a multi-team environment with internal staff and clients.

Marketing Systems Group offers a competitive benefits package and casual working environment. Only resumes with salary expectations will be reviewed. No phone calls will be accepted. You can mail, fax or email your resume to the address below. JAN 05-21.

Apply: Marketing Systems Group Attn: GEODEM, 565 Virginia Drive, Fort Washington, 19034. 215-653-7115. humanresources@ m-s-g.com.

Marketing Systems Group is an Equal Opportunity Employer.

PENNSYLVANIA, SLIPPERY ROCK 16057. Slippery Rock University is seeking applicants for a tenure-track Assistant Professor with expertise in remote sensing and geomorphology in the Department of Geography, Geology, and the Environment beginning September 2005. The department consists of 13 faculty and approximately 110 undergraduate majors and offers programs in environmental science and studies, geography, and geology.

Qualifications: ABD in Geography or Geology required (PhD must be completed by August 2005). Broad training, with expertise in remote sensing and geomorphology, including applications to environmental concerns are required. The candidate must demonstrate a commitment to the education of diverse populations. Successful performance in an on-campus interview, including teaching demonstration is also required.

Responsibilities: Teach remote sensing, geomorphology, introductory courses, and potential development of advanced courses in area of expertise. Demonstrate excellent teaching and maintain an active program of research, including peer-reviewed publication, mentor undergraduate student research and participate in university service and student advising.

Send letter of interest, curriculum vitae, statement of research and teaching interests, graduate and undergraduate transcripts (official transcripts required before hiring) and the names, addresses (postal and email) and phone numbers of three references to the address below. JAN 05-40.

Apply: Carol Prorok, Search Chair, Department of Geography, Geology, and the Environment, Slippery Rock University, Slippery Rock, PA 16057, Phone: 724-738-2384, Fax: 724-738-4762, Email: carolyn.prorok@sru.edu . Review of applications will begin March 1, 2005 and continue until position is filled. Slippery Rock University of PA is a member of the State System of Higher Education and is an affirmative action/equal opportunity employer. Visit our web page at www.sru.edu.

PENNSYLVANIA, WEST CHESTER, 19383. West Chester University. Department of Geography and Planning, seeks an Assistant Professor, full-time, tenure-track position starting Fall 2005. Ph.D. preferred in Geography, Planning, or other related field; ABD considered.

The department is seeking a candidate with qualifications to teach undergraduate and graduate courses in Geographic Information Systems (GIS).

The successful candidate is expected to teach introductory geography courses, to teach courses in GIS theory and applications at both the undergraduate and graduate levels, to direct student projects and theses, and to mentor students. The normal teaching load is 12 credit hours per semester. Candidates should have a minimum of two years experience in using GIS software. Preference will be given to the candidate with demonstrated teaching and research experience and skill in working with undergraduate and graduate students, a willingness to participate in multi-disciplinary projects, and potential for initiating GIS-based projects with public and private agencies.

The West Chester University Department of Geography and Planning has exceptional facilities to support strengths in GIS and mapping science.

West Chester University places great emphasis on both excellence in teaching and sustained scholarship. Located in Chester County, Pennsylvania's leading residential environment by all measures of economic growth and education, West Chester University enjoys easy access by auto or train to Philadelphia and all major cities on the east coast.

Review of applicants will begin immediately, and continue until the position is filled. Finalists must successfully complete interview and/or teaching demonstration.

Send application letter, vitae, and names of three referees. JAN 05-41.

Apply to: Dr. James P. Lewandowski, Department of Geography and Planning, West Chester University, West Chester, PA 19383. Voice 610-436-2343. Fax 610-436-2889. Internet jlewando@wcupa.edu. Women and minority candidates are encouraged to apply. West Chester University is an equal opportunity/affirmative action employer.

RHODE ISLAND, PROVIDENCE 02908. Assistant Professor of Geography (pending budgetary approval). Rhode Island College, anticipates a vacancy for a full-time, tenure-track Assistant Professor position in Geography, Fall 2005. Required: Ph.D. and teaching experience in geography or a closely-related discipline, strong background in world regional geography, and ability to teach undergraduate geographic methods courses with an emphasis on GIS.

Responsibilities will include teaching geography courses for majors in geography as well as in secondary and elementary education, at both the introductory and upper division level, and participation in various college endeavors, including the activities of the Center for Public Policy and the preparation of K-12 teachers.

Applications must be received by February 4, 2005. Mail or fax (email not accepted) cover letter, resume, Transcripts and three current letters of references to the address below. JAN 05-7.

Apply: Office of Human Resources, Attn: Search Code: GEOG 1-05 Rhode Island College, 600 Mt. Pleasant Avenue, Providence, RI 02908. Fax # 401-456-8717. TDD # 401-456-8216.

An Affirmative Action/Equal Opportunity Employer.

*SOUTH DAKOTA, BROOKINGS 57007. Senior Center Scientist/Research Professor Positions, Geographic Information Science Center of Excellence (GIScCE), South Dakota State University. Five, tenure-track positions at a rank appropriate to the candidate's qualifications to conduct research on the application of geographic information science/remote sensing in the following areas:

Geostatistics and Geospatial Analysis. Tenure-track position at a rank appropriate to the candidate's qualifications to conduct research and teach at least one class per year in the area of geostatistics and geospatial analysis, specializing in large-area geographic mapping, modeling, and assessment. Earned PhD in Geography, Statistics, Biometry, or related field at the time of the appointment with expertise in one or more of the

following: spatial statistics, geographic analysis/modeling, sampling, multivariate statistics, remote sensing, land use and land cover change, and environmental dynamics problems. Statistical consulting experience preferred.

Quantitative Remote Sensing. Tenure-track position at a rank appropriate to the candidate's qualifications to conduct research and teach at least one class per year in the area of quantitative remote sensing, specializing in large-area land cover and land use change mapping. cants must have a PhD in Geography, Engineering, Biology, or related field at the time of appointment, with expertise in the quantitative remote sensing of land cover and vegetation characteristics. Other areas of expertise must include one or more of the following: algorithm development and implementation, land cover and land use change detection techniques, spatial and multivariate statistics, spatial and temporal scaling issues, computer language coding, and issues concerning global environmental change.

Ecosystem Ecology. Tenure-track position at a rank appropriate to the candidate's qualifications to conduct research and teach at least one class per year in the area of Ecosystem Ecology, specializing in the quantification of large-area ecosystem processes and services. Required qualifications include earned PhD in Geography, Biology, Ecology, or related field and expertise in one or more of the following areas: landscape ecology, impacts of land cover/land use change on ecosystem function, habitat condition/modeling, biodiversity, biogeochemistry, remote sensing and geospatial methods.

The GIScCE is a new research collaboration between SDSU and the USGS EROS Data Center focusing on earth observation and monitoring. For full list of qualifications, visit http://jobs.sdstate.edu. Screening of applicants begins February 1, 2005. To apply, send an application letter, vita, and list of three references to the address below. FEB 05-46.

Apply: Dr. Matthew Hansen, Co-Director, GIScCE, NFA 213, Box 2275, SDSU, Brookings, SD 57007. Phone: 605-688-6848. SDSU is an AA/EEO employer and encourages applications from women and minorities. ADA Accommodations: (605) 688-4394.

*TEXAS, AUSTIN 78712-0331. Director, Teresa Lozano Long Institute of Latin American Studies. The University of Texas at Austin has opened a national and international search for Director of the Teresa Lozano Long Institute of Latin American Studies (LLILAS). With over 120 affiliated faculty members, a substantial

endowment, a dynamic student program, a vibrant intellectual community and the unparalleled Benson Latin American Collection, Latin American studies at the University of Texas is a high University priority and is world renowned. The Director of LLILAS will provide intellectual leadership and vision for our academic programs, will assume principal responsibility for the Institute's administration and development, and will represent the Institute to its diverse local, national and international publics. The successful candidate will be a distinguished intellectual, with academic credentials appropriate to his or her field of expertise. For more information on the Director's position, LLILAS and the University of Texas, please visit the website noted below: http://www.utexas.edu/ cola/depts/llilas/about/search.html.

The University of Texas at Austin is an AA/EO employer, and will conduct a background check on the successful candidate.

The Search Committee encourages letters of inquiry, nominations, and applications. Please include a current vitae with these letters. We will begin to review these materials on 15 January 2005 and will continue until the position is filled. Please direct all communications to the address below. FEB 05-47.

Apply: Charles R. Hale, Chair, LLILAS Director Search Committee, c/o Claudia Scarborough, Teresa Lozano Long Institute of Latin American Studies, The University of Texas at Austin, 1 University Station (D0800), SRH 1.314D, Austin, TX 78712-0331. cmms@mail.utexas.edu.

TEXAS, DENTON 76203-5279. University of North Texas. P.O. Box 305279. Tenure-track, Assistant Professor beginning Fall 2005. The Department of Geography seeks an individual with demonstrated potential for excellence in teaching and research in applied economic geography, transportation geography, smart growth or a related field. Preference will be given to candidates with the ability to apply GIS to contemporary urban/economic problems at various scales. The successful candidate will be expected to play a major role in expanding our master's track in Urban Environmental Management. The Department has an applied orientation with approximately 30 master's students, 105 bachelor's students, and a very successful internship program. The capacity to work effectively in a dynamic, collegial and interdisciplinary environment is also required. Teaching responsibilities will include developing a new course(s) that bridge existing offerings in economic and urban geography and existing courses related to the individual's areas of expertise. The average teaching load is two courses per semester. Ph.D. required at time of appointment. See www.geog.unt.edu for more information about the Department. Send application letter including teaching philosophy and research interests, curriculum vita, teaching evaluations, and three letters of reference to the above address. Review of applicants will begin January 15, 2005 and continue until the position is filled. UNT is an AA/ADA/EOE. NOV 04-211+1.

TEXAS, HUNTSVILLE 77341-2148. The Department of Geography and Geology invites applications for an Assistant Professor, tenuretrack, beginning August 2005. The department seeks a broadly trained geographer or earth scientist with a commitment to both teaching and research in one or more of the following areas: GIS; Remote Sensing; 3xD Visualization of subsurface phenomena; Computer Cartography. Starting salary will be within the range of \$55k-\$65k. Appointees will be expected to have a clearly articulated plan for externally funded research and for regular publication of refereed scholarship, and as a successful faculty member will need to demonstrate an evolving mastery of both teaching and scholarly productivity. Teaching courses closely linked to their research focus will constitute a core activity but candidates also will be expected to teach in our broad introductory program in Geography. To apply submit a letter of application that includes the following: an outline of teaching experience and a summary of teaching philosophies, a summary of present research experience and an outline plan of the next four years of research and scholarly activity; CV, transcripts; and the names and e-mail addresses of at least three referees via snail mail to the address below. JAN 05-1.

Apply: Dr. Chris Baldwin (Chair, Search Committee), Sam Houston State University, Department of Geography and Geology, Box 2148, Huntsville, TX 77341-2148 or electronically to baldwin@shsu.edu. For more information visit http://www.shsu.edu/~gel_geo/. SHSU is an equal opportunity/affirmative action employer that welcomes applications from all underrepresented groups.

TEXAS, KINGSVILLE 78363. Texas A&M University-Kingsville.

The Department of Physics/Geosciences has a tenure-track opening at the assistant or associate professor level for a GIS/Remote Sensing expert. Candidates should have a Ph.D. from a regionally accredited institution n Geology, Physical Geography, Environmental Science, or related field. A demonstrated ability to obtain

external funding via grants and contracts is also required. The final candidate will be expected to work with other units on campus, particularly with our College of Agriculture, Environmental Engineering department, Biology department, and the College of Education, on GIS/Remote Sensing projects. In line with the department's strategic vision, preference will be given to those candidates that can also support our planetary sciences group. Materials needed for review include a cover letter, vita, proposed research program, statement of teaching philosophy, and contact information for three references. Send these to the address below. JAN 05-2.

Apply: Dr. Daniel Suson, GIS Search Committee Chair, Department of Physics/Geosciences, MSC 164, Texas A&M University-Kingsville, Kingsville, TX 78363. Review of applications will begin on Jan. 15, 2005, although applications will be accepted until the position is filled. Materials needed for a complete application can be found at http://www.tamuk.edu/jobs/faculty_positions.htm. EEO/AA/ADA.

TEXAS, SAN ANTONIO 78249-0655. The University of Texas at San Antonio, Department of Political Science and Geography, College of Liberal and Fine Arts, seeks candidates for an open rank, tenure-track or tenured position in Social Geography, pending budget approval. Begins August of 2005. Responsibilities include teaching introductory and upper level geography and social science courses. Courses will be offered at the UTSA 1604 or Downtown Campus, and may include evening classes. Required Qualifications: Candidate must demonstrate commitment to quality teaching, research, and development of the geography program in the university and community. Ph.D. required at time of appointment. Preferred Qualifications: specialization in Medical Geography; experience in obtaining external grants. With respect to rank, qualifications are as follows: Assistant professor applicants should have demonstrated scholarly expertise in their field. Associate professor applicants are expected to have a substantial publication record and evidence of emerging leadership in their field. Full professor applicants are expected to have an established national or international reputation as an acknowledged leader in their area of scholarship. Applicants must submit (by mail) a letter of application that specifies which rank(s) they wish to be considered for, and their qualifications for that rank. The applicant must also submit curriculum vita; a copy of graduate transcripts (official not required); samples of written work; two syllabi for geography courses taught or proposed by the applicant; and teaching evaluations (if available). Applicants should submit names and addresses (including position, email address, and phone number) of three references who are familiar with the applicant's work. Applicants who are not U.S. citizens must state their current visa and residency status. UTSA is an affirmative action/equal opportunity employer. Women and minorities are encouraged to apply. JAN 05-34.

Apply: Chair, Social Geography Recruitment Committee, Department of Political Science and Geography, The University of Texas at San Antonio, 6900 N. Loop 1604 West, San Antonio, TX 78249-0655. Review of applications will begin December 1, 2004, and continue until the position is filled.

TEXAS, SAN ANTONIO 78249-0655. The University of Texas at San Antonio, Department of Political Science and Geography, College of Liberal and Fine Arts, seeks candidates for a tenure-track or tenured position at the Assistant or Associate Professor level, in Geographic Information Systems, pending budget approval. Begins August of 2005. Responsibilities include teaching lower division, upper division, and graduate GIS courses. Courses will be offered at the UTSA 1604 or Downtown Campus, and may include evening classes. Required Qualifications: Candidate must demonstrate commitment to quality teaching, research, and development of the geography program in the university and community. Ph.D. required at time of appointment. Preferred Qualifications: ability to teach sections of physical geography and introductory survey courses in geography; experience in obtaining external grants. With respect to rank, qualifications are as follows: Assistant professor applicants should have demonstrated scholarly expertise in their field. Associate professor applicants are expected to have a substantial publication record and evidence of emerging leadership in their field. Applicants must submit (by mail) a letter of application that specifies which rank(s) they wish to be considered for, and their qualifications for that rank. The applicant must also submit curriculum vita; a copy of graduate transcripts (official not required); samples of written work; two syllabi for geography courses taught or proposed by the applicant; and teaching evaluations (if available). Applicants should submit names and addresses (including position, email address, and phone number) of three references who are familiar with the applicant's work. Applicants who are not U.S. citizens must state their current visa and residency status. UTSA is an affirmative action/ equal opportunity employer.

Women and minorities are encouraged to apply. JAN 05-35.

Apply: Chair, GIS Recruitment Committee, Department of Political Science and Geography, The University of Texas at San Antonio, 6900 N. Loop 1604 West, San Antonio, TX 78249-0655. Review of completed applications will begin upon receipt and continue until the position is filled.

UTAH, LOGAN 84322. Utah State University is seeking applicants for a Ph.D. Research Assistantship available starting Fall 2005 in a shrubsteppe ecosystem research program focused on threatened and endangered species management, disturbance and restoration ecology, and landscape change detection (http://www.cnr.usu. edu/shrubmap). One student will be recruited for remote sensing topics and will work with multiple years of 1m-resolution satellite imagery collected at three times during each growing season. Responsibilities will include: Developing and implementing landscape change metrics; Mapping land cover, Working closely with other project scientists and students to develop remote sensing driven models to predict animal habitat; and Assessing scaling functions associated with degrading the spatial resolution of remote sensing inputs.

Stipends are \$20,400/year and include tuition waivers worth \$12,500 per year. Minimum entry requirements are a 3.0 GPA and 1100 combined GRE scores. Candidates must apply to the USU School of Graduate Studies (http://www.usu.edu/gradsch) and the S.J. & Jessie E. Quinney Ph.D. Fellowships Program (http://www.cnr.usu.edu). Also send copies of application materials, CV, copies of letters of reference, and a statement of interest to the address below. Applications to the Quinney Fellowships MUST state they are interested in the Shrubsteppe Modeling Program. JAN 04-39.

Apply: Thomas C. Edwards, Jr., USGS Utah Cooperative Research Unit, College of Natural Resources, 5290 Old Main Hill, Utah State University, Logan, UT 84322-5290. Contact tce@nr.usu.edu for information. Application review begins 15 January 2005.

UTAH, SALT LAKE CITY 84112. Position Advertisement: Public and International Affairs. Responsibilities: The University of Utah is seeking an accomplished senior scholar with expertise in public policy who would hold a joint appointment as a senior associate or full professor in the newly established Institute of Public and International Affairs (IPIA) and one of the seven departments in the College of Social and Behavioral Health

Science (CSBS). Departments in CSBS include anthropology, economics, family and consumer studies, geography, political science, psychology, and sociology. Research areas might include, but are not limited to, community-based planning, economic policy, environmental policy, family policy, public participation GIS, social welfare policy, and urban affairs.

Qualifications: Applicants should have a Ph.D. and outstanding records of scholarly publication and externally funded research that have contributed to policy debates in their areas of expertise. The successful candidate must be familiar with current issues in public policy, have effective interpersonal skill, and an established research program, and will contribute to core public policy teaching, undertake research projects that will advance the IPIA's public policy emphasis, and assist leadership in building the IPIA's national reputation. We encourage applications from individuals who are excited about working in a multi-disciplinary environment. Prior experience as a public policy practitioner will be considered favorably. The appointment will be at the full or senior associate level, depending on the applicant's qualifications.

Application Deadline and Start Date: Applications should be received by January 2, 2005 for earliest consideration. The search committee may consider applications received after this time until the position is filled. This is a new position with a potential starting date of July 1, 2005. JAN 05-44.

Apply: Send letters of interest, vitae and three letters of reference, or nominations, to Dean J. Steven Ott, Search Committee Chair, University of Utah, 260 S. Central Campus Dr. Rm 205, Salt Lake City, UT 84112.

The University of Utah is an Equal Opportunity, Affirmative Action Employer, encourages nominations and applications from women and minorities, and provides reasonable accommodation to the known disabilities of applicants and employees.

*VERMONT, CASTLETON 05735. Castleton State College is seeking applications for a tenure track position, beginning August 2005, in the department of History, Geography, Economics and Politics at the Assistant Professor rank. As there is but one full-time faculty position in geography, we seek a broadly trained cultural geographer to teach undergraduate geography courses in a globally oriented, interdisciplinary department.

Ph.D. in geography is expected; ABD will be considered if candidate is likely to complete the Ph.D. by June 2006. Those whose work includes international dimensions, environmental

geography, and/or GIS are particularly encouraged to apply. Teaching experience preferred, ability to contribute to Castleton's programs in K-12 teacher education and service-learning is highly desirable. Castleton especially values the teaching roles of its faculty and candidates will be evaluated on their potential to be outstanding teachers and colleagues.

Send letter of application, plus current curriculum vitae, statement of teaching philosophy, graduate and undergraduate transcripts, and at least three letters of references. Starting salary range: \$26,400-\$34,800, dependent on qualifications and experience. Generous health care and retirement benefits. FEB 05-58.

Apply: Dr. Joseph T. Mark, Academic Dean, Castleton State College, Castleton, VT 05735. Review of applications begins March 1, 2005 and continues until the position is filled. Castleton is an EOE institution.

*VIRGINIA, ARLINGTON 22230. The National Science Foundation's Division of Behavioral and Cognitive Sciences is seeking qualified applicants for the position of Program Director for the Geography and Regional Sciences Program.

The Geography and Regional Sciences Program sponsors research on the geographic distributions and interactions of human, physical, and biotic systems on the Earth's surface. Investigations are encouraged into the nature, causes, and consequences of human activity and natural environmental processes across a range of scales. Projects on a variety of topics (both domestic and international) qualify for support if they offer promise of contributing to scholarship by enhancing geographical knowledge, concepts, theories, methods, and their application to societal problems and concerns.

Appointment to this position may be on a one or two year Visiting Scientist appointment or a Federal Temporary appointment. Alternatively, this position may be filled under the terms of the Intergovernmental Personnel Act. Applicants must have a Ph.D. or equivalent experience in discipline related to geography and regional science. In addition, six years of successful research, research administration, and/or managerial experience pertinent to the program is required. FEB 05-54-1.

Announcement E20050028-Rotators, with position requirements and application procedures, is located on the NSF Home Page at www.nsf.gov/jobs. Applicants may also obtain the announcement by contacting Maria Sutton at 703-292-4364. For technical information call Dr. Margueritte (Peg) Barratt, Division Director,

703-292-8740. Hearing impaired individuals should call TDD 703-292-8044.

NSF Is An Equal Opportunity Employer Committed To Employing A Highly Qualified Staff That Reflects The Diversity Of Our Nation.

*VIRGINIA, RESTON. Geographic Analysis and Monitoring, USGS, has two permanent positions offered: 1. Senior Scientist – Geography, 2. Program Scientist - Status and Trends. They are posted as a Geographer, Physical Scientist and Cartographer, both Merit Promotion (government) and External (DEU) - Thus there are 12 announcements on OPM's website. FEB 05-49. https://jobs.quickhire.com/scripts/usgsoars.exe/runuserinfo?Haveusedbefore=5.

WISCONSIN, KENOSHA 53140. Carthage College, Environmental Science Program. Carthage College invites applications for an annual to multiyear Assistant or Associate professor appointment in the Environmental Science Program. This appointment is open with regard to specialization and will begin Fall 2005. Candidates must hold a Ph.D. in Environmental Science or a related field (e.g. Geography, Biology, Chemistry, etc.) by September 2005. Carthage values excellence in teaching, interaction with students and faculty-student research. The successful candidate must demonstrate an enthusiastic commitment to teaching undergraduate students and faculty-student research within a small liberal arts college environment. The ideal candidate will be broadly trained in Environmental Science and: (1) teach a variety of Environmental Science courses at both the introductory and upper division level; (2) facilitate faculty-student research; and, (3) teach in the College's core curriculum Discovery program or Heritage program. Opportunities to teach/develop courses in other areas of interest will also be available.

Founded in 1847, Carthage is located on the shore of Lake Michigan, midway between Milwaukee and Chicago, and is affiliated with the Evangelical Lutheran Church in America. The college has experienced strong growth in recent years, as evidenced by the creation of our Environmental Science Program which is now in its third year.

Those who are interested in applying should send a cover letter outlining their teaching philosophy and research interests, three letters of recommendation, teaching evaluations, curriculum vitae, and other supporting documents to the address below. JAN 05-18.

Apply: Professor Charlotte Chell, Chair, Natural Sciences Division, Carthage College, Kenosha, WI 53140-1994 cchell@carthage.edu,

(262) 551-5729. Review of applications will begin immediately and continue until the position is filled.

INTERNATIONAL

*CANADA, ONTARIO, LONDON N6A 5C2. The Department of Geography at the University of Western Ontario is seeking a faculty member in the area of Physical Geography. The appointment may be made at the level of either the Assistant (probationary), or Associate (probationary or tenured) Professor.

We seek an outstanding individual with demonstrated commitment to excellence in research and teaching. The candidate must have a Ph.D. and a record of scholarly activity. The candidate should be capable of supervising graduate student research, teaching graduate and undergraduate students, and conducting research in watershed processes and have relevant expertise in applied Geographic Information Science.

We seek applicants whose interests complement current departmental strengths and interests in the areas of fluvial geomorphology, watershed hydrology and biogeochemistry. There are excellent opportunities for collaboration with existing geography faculty members as well as those in other academic units, such as the Environmental Science Program, the Departments of Earth Sciences and Biology and the Institute for Catastrophic Loss Reduction.

The appointment will be effective July 1, 2005. Salary will be commensurate with experience. Further information about the department may be found at: http://geography.ssc.uwo.ca.

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 the address below. FEB 05-59.

Apply: Dr. Roger H. King, Professor and Chair, Department of Geography, Social Science Centre, The University of Western Ontario, London, Ontario, N6A 5C2, Canada. Tel: (519) 661-3653; Fax: (519) 661-3750; E-mail: king@uwo.ca.

Closing date is February 28, 2005 or until position is filled. E-mailed applications will not be accepted.

Positions are subject to budget approval. Applicants should have fluent written and oral communication skills in English. All qualified candidates are encouraged to apply; however, Canadians 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.

*CANADA, ONTARIO, TORONTO. Position Title/Rank: Assistant Professor Division: University of Toronto at Scarborough Department: Department of Social Sciences UTSC Deadline: Feb 25, 2005.

Job Description: The University of Toronto at Scarborough, Department of Social Sciences, invites applications for a tenure-stream position in Anthropology, Geography, Political Science, or Sociology at the rank of Assistant Professor commencing July 1, 2005. The successful candidate will have a research agenda at the core of their discipline as well as research focus in cultural, social, or bioanthropological aspects of health, health geography, health policy, the politics of health, or health rights. Candidates must have a Ph.D. by the time of appointment and clear promise of excellence in research and teaching.

The appointment is at the University of Toronto at Scarborough, which is a research-intensive institution having an interdisciplinary commitment, a multicultural student body, and a modern and spacious campus. The mandate of the Department of Social Sciences is to promote scholarship at the confluence of these four disciplines. Towards this end, the Department maintains undergraduate programs in each of the disciplines as well as interdisciplinary programs like Health Studies.

The successful candidate will offer undergraduate courses aimed at students in a disciplinary program offered by the Department of Social Sciences and students in our Health Studies program. As well, the successful candidate will be a member of the appropriate graduate department (Anthropology, Geography, Political Science, or Sociology) at the University of Toronto and will be expected to teach and supervise graduate students on the downtown campus.

Additional information on the Department of Social Sciences can be obtained at: http://www.utsc.utoronto.ca/~socsci.

The University of Toronto is fully committed to academic excellence and welcomes applications from all qualified individuals. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, members of sexual minority groups, and others who may contribute to the further diversification of ideas.

The Search Committee will begin reviewing applications after February 25, 2005. Candidates should send a letter of interest, a Curriculum Vita, teaching and research statements, and a writing sample and ask three references to write on their behalf. FEB 05-63.

Application by e-mail is preferred: miron@utsc.utoronto.ca. Alternatively, the regular mail address is Professor John Miron, Chair, Department of Social Sciences, UTSC, 1265 Military Trail, Toronto Canada M1C 1A4. FAX: 416-287-7283.

CANADA, QUEBEC, MONTREAL H3A 2K6. The Department of Geography invites applications for the following positions: Terrestrial Global Hydrology And Climatology (Associate Professor).

The successful candidate's teaching and research will focus on modelling large basin, continental or global-scale movement of freshwater. We are particularly interested in someone whose research couples hydrology with changes in climate, land cover/use, and/or water utilization, and their effect on the freshwater hydrological cycle. The emphasis should be on geophysical controls, biogeochemical transfers, links with climate, and/or integration across scales in hydrological systems.

Resolving the global water cycle and determining how human activity is altering this cycle is recognized as a "grand challenge" in the new interdepartmental undergraduate program in Earth S ystem Science (ESS). Because hydrology is a key connection between the terrestrial biosphere and the atmosphere and oceans, the successful candidate will make a crucial contribution both to the introductory courses in Earth System Science and to the development of upper level and graduate courses in ESS. Expertise in global terrestrial hydrology will be an obvious asset in McGill's FQRNT-funded Global Environmental and Climate Change Centre, and complement existing expertise in land use/land cover change, biogeochemistry, landscape ecology, and fluvial and periglacial geomorphology in the Department of Geography, and atmospheric and oceanic geophysics in the Department of Atmospheric and Oceanic Sciences.

Land Use and Land Cover Change (Full Professor and Tier 1 Canada Research Chair nomination)

Human driven landscape change is altering aspects of the biosphere that are important to life on Earth. These include local and regional climates, biogeochemical and hydrological cycles, soil fertility, and the availability and reliability of

ecosystem services. We are searching for an individual whose teaching and research will focus on building a cross-scale understanding of the drivers and consequences of land use and land cover change. The ideal candidate will have a strong interdisciplinary approach to Earth System Science, integrating biophysical, ecological, economic, political and social processes in a manner that is consistent with the goals of programs such as the International Geosphere-Biosphere Programme (IGBP) and the International Human Dimensions Programme on Global Environmental Change (IHDP), which address the critical role of land use/cover change in Earth system functions through the Land Use and Land Cover Change Project (LUCC) and the new Global Land Project (GLP). Given the influence of land use/cover on climate change, the appointee's expertise would be an obvious asset to McGill's Global Environmental and Climate Change Centre.

The two appointees will make up part of the core faculty in the newly established undergraduate Earth System Science program at McGill University. Six new positions will be filled within the next year to support this program, two in each of the departments directly involved in the program: Atmospheric and Oceanic Sciences, Earth and Planetary Sciences, and Geography. Three of these appointments will deal specifically with the area of water, a resource of increasing global value. The appointees will be expected to participate in teamteaching of the core courses of the ESS program, establish links and collaborations with researchers in other units (e.g., Brace Centre for Water Resources Management, McGill School of Environment) and maintain an active research program.

Applicants should submit a letter of application, curriculum vitae, statements of research interests and teaching philosophy, and the names and addresses of three referees to the address below. JAN 05-20.

Apply: Prof. Gordon Ewing, Chair, Department of Geography, McGill University, 805 Sherbrooke Street West, Montreal, Quebec, Canada, H3A 2K6.

The anticipated start date for the positions is July 1, 2005. Review of the applications will begin in February 2005 and continue until the positions are filled.

All qualified candidates are encouraged to apply. However, Canadian citizens and permanent residents of Canada will be given priority. McGill University is committed to equity in employment.

NEW ZEALAND, DUNEDIN. University of Otago, Centre for the Study of Agriculture, Food Continued on page 34

Award Deadlines

2005 FEBRUARY

- 9. NSF Human and Social Dynamics exploratory research proposals and research community development proposals. See www.nsf.gov/home/crssprgm/ hsd/.
- 15. Geography of Religions and Belief Systems SG David E. Sopher New Scholar Award. Contact Michael Ferber at mferber@geo.wvu.edu.
- 15. Spatial Analysis and Modeling SG Student Paper and Emerging Scholar Paper Competitions. Contact Fahui Wang at fwang@niu.edu.
- 15. Economic Geography SG Dissertation and Best Student Paper Competitions. For dissertation competition contact Jaime Peck at japeck@wisc.edu. For student paper competition contact Kris Olds at olds@geography.wisc.edu.
- 19. Cartography SG and National Geographic Award in Mapping. Contact David Miller at dmiller@ngs.org.

- 23. NSF Human and Social Dynamics full research proposals. www.nsf.gov/home/crssprgm/hsd/.
- 25. Ethics, Justice, and Human Rights Specialty Group Student Paper Competition. Contact Malcolm Cutchin at mpcutchi@utmb.edu.

MARCH

- Rural Geography SG Student Paper Competition. Contact Kenneth Dagel at dagelke@mwsc.edu.
- 1. "Developing Cartographic Literacy with Historic Maps" Summer Seminar at the Newberry Library's Hermon Dunlap Smith Center for the History of Cartography. www.newberry.org/smith/L3rsmith.html.
- 10. Department of Defense SERDP funding for federal sector. www.serdp. org/funding/funding.html.
- 10. Political Geography SG Non-Student Achievement Awards. Contact Phil Steinberg at steinberg@fsu.edu.

- 14. Political Geography SG Dissertation Enhancement Award. www. politicalgeography.org.
- 15. Intermountain West Research Grants at BYU. http://fhss.byu.edu/reddcent/.
- 15. Political Geography SG Student Paper Competition. www.political geography.org.

APRIL

15. Best Practices in Science Modeling Competition. www.esri.com/science modeling.

MAY

15. SWG Pruitt National Minority Fellowship Program. Contact Ruth Shirey at rishirey@iup.edu.

OCTOBER

15. Fulbright Teacher and Administrator Exchanges. www.fulbright exchanges.org.

Specialty Group News

Political Geography SG Awards

The Political Geography Specialty Group (PGSG) makes several awards each year. The following are described below: the Non-Student Achievement Awards, the Dissertation Enhancement Award, and the Student Paper Competition.

The PGSG is seeking the nomination of three outstanding non-student political geographers for the Non-Student Achievement Awards. Awards will be announced at the 2005 Business Meeting in Denver. Please send nominations to Phil Steinberg at steinberg@fsu.edu by March 10, 2005. Awards are to be as follows: the Julian Minghi Outstanding Research Award, given to the author(s) of a journal article, book chapter, or book published

during the previous calendar year that makes an innovative, original contribution to the conceptual and/or methodological embrace of political geography; the Stanley D. Brunn Young Scholar Award, given to an individual who has received her/his PhD within the past ten years, in honor of contributions that have generated new interest in the subfield and/or opened up new areas of inquiry for political geographic research; and the Richard Morrill Public Outreach Award, given to an individual who has used her or his political geographic expertise to affect change (in public thought public policy) beyond the academy.

The PGSG Dissertation Enhancement Award of \$800 is to be granted annually to

a PGSG student member. Interested students should prepare a mini-dissertation proposal for submission to the Dissertation Awards Committee. Final acceptance date for submissions is March 14, 2005.

The 2005 PGSG Student Paper Competition is open to all students who have written and presented a research paper on a topic in political geography. Hard copies of papers must be submitted to all three members of the PGSG's Student Paper Award Committee by March 15, 2005.

Guidelines and further information for these awards are available at the PGSG website www.politicalgeography. org under the current newsletter.

Jobs in Geography from page 33—and Environment (CSAFE), Post-Doctoral Fellowship.

Applications are invited for the position of Postdoctoral Fellow based in CSAFE. This position is attached to the research cluster **Sustainable Agriculture** uniting research programmes within Departments of History, Zoology and CSAFE.

Appointee must have completed requirements for the PhD, or equivalent, and require skills and research interests in sustainable agriculture, farming systems or agri-environmental analysis. They will have a disciplinary background in geography, history, sociology, or anthropology, with a strong interest in environmental or ecological issues in agriculture and transdisciplinary

research. Position is for two years. Applications close January 7th, 2005. Direct enquiries to the address below. JAN 05-37.

Apply: Associate Professor Hugh Campbell, Director, CSAFE, PO Box 56, Dunedin, New Zealand, Tel +64 3 479 8749, hugh.campbell@stonebow.otago.ac.nz, Visit the CSAFE website at http://www.otago.ac.nz/nzpg/csafe/index.htm.

Events Volume 40, Number 2

FEBRUARY

17-21. American Association for the Advancement of Science Annual Meeting. Washington, DC. www.aaas.org/meetings/Annual_Meeting/.

MARCH

- 6-9. GITA Annual Conference. Denver, CO. www.gita.org/events/annual/28/call.html.
- 7-11. American Society for Photogrammetry and Remote Sensing 2005 Annual Meeting. Baltimore, MD. www.asprs.org/baltimore2005.
- 16-20. Annual Meeting of the American Society for Environmental History. Houston, Texas. www.h-net.org/~environ/ASEH/conferences.html.
- 21-25. Towson University GIS Conference. Towson, MD. http://cgis.towson.edu/tugis2005/.

APRIL

- 5-9. AAG 101st Annual Meeting. Denver, CO. www.aag.org.
- 13-16. Western Social Science Association 47th Annual Meeting. Albuquerque, NM. http://wssa.asu.edu.
- 14-15. 36th Annual South Dakota State Geography Convention. Brookings, SD. www3.sdstate.edu/Academics/College ofArtsAndScience/Geography/Index.cfm.
- 14-17. Annual Meeting of the National Council on Public History. Kansas City, MO. www.ncph.org.
- 15. AAG Middle Atlantic Division Meeting. Reston, VA. Contact Dave Kirtland at dakirtland@usgs.gov or Sheryl Luzzadder Beach at slbeach@gmu.edu.
- 22-24. California Geographical Society Annual Conference. Yosemite, CA. http://cgs.csusb.edu/AnnualMeeting.htm

MAY

- 16-18. 2005 EPA Science Forum. Washington, DC. www.epa.gov/ord/scienceforum.
- 18-19. First International Conference: Multifunctionality of Landscapes—Analysis, Evaluation and Decision Support. University Giessen, Germany. www.sfb299.de/conference/.
- **26-28.** Association of GeoInformation Laboratories in Europe Conference. Estoril, Portugal. www.agile-secretariat.org/conference/estoril/estoril.html.
- 27-29. Grosvenor Center for Geographical Education, 3rd International

Conference on Research in Geographic Education. San Marcos, TX. www.geo. txstate.edu/grosvenor.

30-June 2. GIS Planet 2005. Lisbon, Portugal. www.gisplanet.org.

IUNE

- 1-5. 54th Annual Meeting of the Canadian Association of Geographers. University of Western Ontario, London, Canada. www.geography.ssc.uwo.ca/cag05.
- 6. EARSeL Symposium: Global Developments in Environmental Earth Observation from Space. Porto, Portugal. www.fc.up.pt/earsel2005.
- **8-10.** 62nd Eastern Snow Conference. Waterloo, Ontario, Canada. www.eastern snow.org/.
- 19-22. 6th International Conference on Military Geology and Geography. University of Nottingham, U.K. www.geog. nottingham.ac.uk/milgeo2005/.
- 25-26. AAG Healthy Departments Workshop. Freeport, ME. Contact Richard Marston at marstor@okstate.edu.

IULY

- **5-9.** 11th International Medical Geography Symposium, hosted by AAG Medical Geography Specialty Group. Fort Worth, TX. www.research.umbc.edu/~earickso/Symposium11.html.
- 16. 21st International Conference on the History of Cartography. Budapest, Hungary. http://lazarus.elte.hu/~zoltorok/ichc/index.htm.
- 25-29. ESRI International User Conference.San Diego, CA. www.esri. com/events/uc/.

AUGUST

- 1-3. GeoComputation. Ann Arbor, MI. http://igre.emich.edu/geocomputation 2005/.
- **13-16.** American Sociological Association. Philadelphia, PA. www.asanet.org/.
- 20-23. 8th Asian Urbanization Conference. Kobe, Japan. www3.uakron.edu/geography/aurapage/aurapage.htm.
- **31-September 2.** Royal Geographical Society with IBG Annual Conference. London, UK www.rgs.org/AC2005.

SEPTEMBER

- **7-9.** EnviroInfo. Brno, Czech Republic. www.enviroinfo2005.org.
- 7-10. 8th Annual Crime Mapping Research Conference. Savannah, GA.

www.ojp.usdoj.gov/nij/maps/savannah 2005/.

- 22-24. AAG Great Plains/Rocky Mountain Division Meeting. Laramie, WY. www.uwyo.edu/geog.
- 29-October 2. 16th Festival International de Géographie. Saint-Dié-des-Vosges, France. www.ville-saintdie.fr/.

OCTOBER

- 9-12. URISA Annual Conference. Kansas City, MO. www.urisa.org.
- 12-15. National Council on Geographic Education Conference. Birmingham, AL. www.ncge.org/.
- 12-15. 25th Annual Meeting of the North American Cartographic Information Society. Salt Lake City, UT. www.nacis.org/meetings.html.
- 19-22. AAG Pacific Coast Division Meeting. Phoenix, AZ. http://geography.asu.edu/apcg/.
- 20-23. National Conference on Planning History. Miami, FL. www.urban.uiuc.edu/sacrph/index.html.
- 26-28. Conference of Latin Americanist Geographers 2005 Conference. Morelia, Michoacán, México. http://sites.maxwell.syr.edu/clag/clag.htm.
- 27-29. Joint Meeting of the Pioneer America Society and the Eastern Historical Geography Historical Society, Baton Rouge, LA. Contact Craig Colten at ccolten@lsu.edu.

NOVEMBER

- 2-5. 28th Annual Applied Geography Conference. Washington, DC. www.appliedgeog.org/html/main.htm.
- 3-5. AAG West Lakes Division Meeting. Iowa City, IA. www.geog.umn.edu/West%5FLakes%5FAAG/.
- 4-5. AAG East Lakes Division Meeting. Bowling Green, OH. Contact Arthur N. Samel at ansamel@bgnet.bgsu.edu.
- 9-12. AAG Southwest Division Meeting. Fayetteville, AR. www.swaag.net/.
- 20-22. AAG Southeast Division Meeting. West Palm Beach, FL. Contact Russ Ivy at ivy@fau.edu.

2006

7-11 March. AAG 102nd Annual Meeting. Chicago, IL. www.aag.org.

Murphy's Past President's Address Open to All Following AAG Banquet

lec Murphy will deliver a Past President's Address on "Enhancing Geography's Role in Public Debate" following the AAG Annual Meeting Banquet (Thursday, April 7). Doors are open to all members at 8:30 p.m. for this address. We invite you to join us and enjoy the event with your colleagues, friends, and family. You may reserve a full banquet table for your department, AAG Specialty Group, students, or friends. Individual tickets are \$55 and tickets for a table (seats ten) are \$530.

The AAG Awards Luncheon will be held on Saturday, April 9, 2005, and will honor recipients of AAG Honors



Murphy

and other awards and prizes for 2005. Single luncheon tickets are \$40 and tickets for a table of ten are \$380.

If you have not yet paid your registration fee, you may purchase tickets

online at the time you register. If you have already paid your registration fee, please fax the form on page 8 of this issue to 202-234-2744 or mail it to the Association of American Geographers, 1710 Sixteenth St. NW, Washington, DC 20009-3198

AAG ANNUAL
MEETING
Registration Form
is on page 8 of
this issue.

Register soon to Receive Lower Advance Registration Rates.

Association of American Geographers 1710 Sixteenth Street NW Washington D.C. 20009-3198

Periodicals postage paid at Washington, DC