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Special Session Tracks at the 2009 AAG Annual Meeting

When planning your AAG Annual Meeting itinerary, make sure to note the many thematically-organized paper and panel session tracks at this year's conference. The full list of sessions is available on the AAG website at www.aag.org/annualmeetings/2009. A listing of all sessions will be published in the conference program, to be available on-site in Las Vegas. Examples of a few special session tracks are described below.

Geographic Research in Africa

Throughout Africa, researchers are harnessing the power of geographic methods to address environmental sustainability and other pressing issues. This special track of sessions spotlights the work of scientists and practitioners who apply geographic tools and methods to expand our understanding of complex, trans-boundary sustainable develop-

ment issues such as food security, biodiversity, carbon emissions and water quality, among others. The track will build on the U.S. Department of State's Global Dialogues on Emerging Science and Technology initiative, which has promoted the use of geospatial science for sustainable development in Africa through organizational capacity building and the strengthening of spatial data infrastructure.

Geography & Human Rights

The AAG and the Science and Human Rights Program of the American Association for the Advancement of Science (AAAS) are jointly sponsoring a special track of sessions addressing Geography and Human Rights. As a wide

Continued on page 6

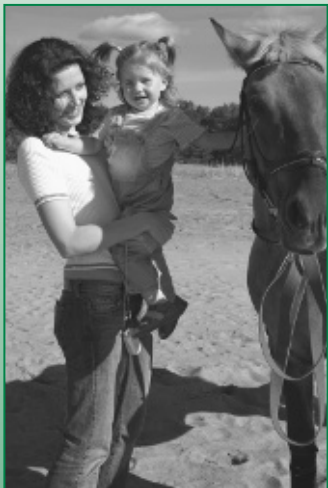
Activities for Families in Las Vegas

We moved to Nevada when my children were very young. My impression of the state, like that of most people from elsewhere, was largely negative. When I thought of Nevada, I thought of casinos, gambling, and all of the adult activities for which the state has a reputation. I was dubious about raising a family here. Now, with my children grown, I have a completely different view of the state. Outside of the casino districts, we always found a wide array of family activities for our children, and yes—they even

attended birthday parties in casinos on occasion and had a very good time.

While I raised my family in Reno, my colleagues in Las Vegas can share similar thoughts on the great activities for families in Nevada. So for all those who approach a trip to Las Vegas with a measure of skepticism, I encourage you to visit us here in the west. We are anxious for others to come here and actually tell their friends about it, because contrary to

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CREDIT: MAXIM BOLOTNIKOV

Trail rides are just one of the many activities available to families in and around Las Vegas. See article at right for more fun things to do.

Annual Meeting Registration Discount Deadline is March 10

www.aag.org/annualmeetings/2009

Vegas is All That

The decision to locate the 2009 AAG Annual Meeting in Las Vegas, Nevada has not met with universal acclaim. Some people complain that Las Vegas is not a "real" city and that it lacks the high culture we should demand of our convention sites. It is seen as the ultimate "fake" city built on fantasies that recycle the real character of other places as presumably "cheap" (but not inexpensive!) imitations. Why go to the imitation Vegas Venice when you can go to the real thing?

To me this betrays a weird snobbery about cities. Must we only meet in cities that pass some authenticity test about symphony orchestras or producing real things? Cleveland, anyone?

Admittedly, the Riviera Hotel, where the conference will be head-quartered, is well past its prime, although the room rate is better than that at most of our recent venues. The famous Circus-Circus casino with its inexhaustible food buffet is only a stone's throw away. The Riviera Hotel is also well-situated towards the northern end of the Strip for ease of exploring both the downtown (what there is of it) to the northeast and working your way southwards into the Fantasy Land of themed casinos. Las Vegas is America in miniature: with a small downtown and a gigantic strip. A pot of gold is also promised at the end of everyone's rainbow. Just keep pulling on those one-armed bandits. Where would be better for us to meet?

Think about the possible meanings of Las Vegas for a moment. Consider the city's casino economy as a potential metaphor for that mass financial fleecing that has become all too visible everywhere over the past six months. Or, from another viewpoint, think of Vegas as the modern ur-Sin City which, though exploiting huge numbers of temporary visitors through gambling, entertainment, prostitution, and obsessive shopping, has in so doing become one of the most rapidly growing metropolitan areas in the

United States. In other words, Las Vegas—the resort, retirement and recreation economy par excellence—is paradigmatic of a model of economic development that, through business upturns and downturns, has always had a countercyclical genius. Indeed, as we all seek escape from the horrors of collapsing 401Ks and various budget crises, it is to places like Las Vegas that many of us look for emotional respite and possible financial resurrection. Or, this time, maybe not. When we're there, perhaps we'll get a sense of how the recession is playing out in casino land.

This city sprang up in the middle of nowhere. Its founding fathers were gangsters like Bugsy Siegel and Moe Dalitz. They channeled syndicate and Teamster Pension Fund money into casinos and strip joints. Unlike Michael Corleone, who famously never managed to go legit, the shady past of Las Vegas has now gone mainstream. Since the late 1970s it has been a corporate run city. Nevada's Corporate Gaming Act of 1967 laid the groundwork by requiring that only top managers and not all stockholders be vetted by the state. But it was financiers like Michael Milken and entrepreneurs like Steve Wynn and Kirk Kerkorian who then actually made the Las Vegas we see today. Their monuments are all around; at least until the next controlled implosion starts a new round of makeovers.

This city lends itself to tripping. So, for those who prefer organized field trips over random walks, who are more observers than players, the conference offers the prospect of a number of trips around the city and Strip (as well as a larger number beyond the limits to the Grand Canyon and beyond).

Meanwhile, back at the conference hotel, many sessions will be devoted to more abstract matters regarding climate, culture, and economy, to name a few. Yet, even here Las Vegas has much to offer as both example and metaphor. For example, the presidential plenary session and numerous other sessions will be devoted to how to keep desert cities watered and

for how long this may be possible. Looking to the city's economy for inspiration, in 1986 the political economist Susan Strange used the title *Casino Capitalism* (Blackwell) for a book that drew attention to the risks of a global economy built on debt financing by borrowing abroad. The United States was the example she had in mind, but it was the

logic of the Las Vegas casino economy that inspired her argument. Culturally, Las Vegas with its myriad Elvis imitators and lap dancing minions suggests the significance of fronting or putting on appearances summed up in the advertising slogan: "What happens in Vegas, stays in Vegas." Of course, conferences themselves are great examples of organized fronting (in its various meanings)!

Yet, ironically, as one of the most incisive recent books about Las Vegas puts it, quoting from a local "gambling researcher": "What other city in America puts up giant roadside billboards promoting 97 percent guaranteed payback on slot pay? In other words, you give us a buck and we'll give you back 97 cents." The book is called, appropriately enough under our present economic conditions, *The Last Honest Place in America* (Marc Cooper, Nation Books, 2004). ■



Agnew

John Agnew
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mitment within association leadership and membership toward diversity goals, and has positioned activities for enhancing diversity as an integral aspect of realizing the AAG's overall mission.

AAG Diversity Clearinghouse: Expansion and Updates

Initiated online in 2005, the AAG's Diversity Clearinghouse has been very well received and has had an important impact on making resources related to enhancing diversity available in geography. AAG seeks to continue to expand science-based information on broadening participation in research and education, particularly scholarly additions that draw from research in geography. The aim of the expansion is to explore how the latest research within geography could provide a basis for better informed, knowledge-based action toward geography's goal of enhancing diversity within departments and the discipline, recognizing that the breadth of geographic research itself may help strengthen efforts to broaden participation within the discipline in distinct ways. This approach acknowledges that effective recruitment/retention at the departmental level depends on sensitivity to the specific geographical context of departments, that "pipelines" are very spatial in nature, that effective plans for large urban schools should look different than for schools in smaller towns, and that where geography programs are, where prospective students come from, where they go, and the dynamics of origins-destinations matter a great deal. Geographic research can contribute to better understanding of these dynamics, including issues related to migration, residential and commuting mobility patterns, urban form, spatial decision support systems, economic geography, insight on intellectual questions of importance to underrepresented groups such as social-environmental justice or economic-political issues, politics of race and identity, integration in education, spatial modeling of decision-making behaviors, and other topics. AAG

welcomes suggestions for inclusion of citations of research or projects that may broadly inform efforts to enhancing diversity through its online form at: http://communicate.aag.org/eseries/Diversity/add_resource.cfm

AAG helps build Race, Ethnicity and Place Conference

AAG has played a key role in developing the Race, Ethnicity, and Place Conference (REP) into an independent, national scale event. In 2004, the AAG built upon its existing relationship with Howard University, the nation's leading historically black university, to co-organize with Howard and Binghamton Universities, the 2004 REP as a stand-alone national scale interdisciplinary conference, held on the campus of Howard University in Washington, DC. Through the efforts of many, this conference has now become a remarkable, multidisciplinary engagement around race, ethnicity, and place, held biennially at rotating locations. This past year at the Miami REP, the AAG senior elected and executive leadership jointly organized a special panel session to explore synergies and interactions of AAG's diversity and internationalization initiatives.

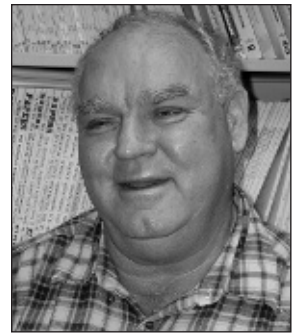
Enhancing Diversity at AAG Regional Division Meetings

This past fall, the AAG's Enhancing Diversity Committee engaged with organizers of AAG Regional Divisions to conduct special activities at regional meetings around enhancing diversity within geography. Adapting models for panel discussions held at AAG Annual Meetings over the past few years, the Committee arranged activities that supported AAG members in the East Lakes, West Lakes, and Southwest Regional Divisions. Special thanks to committee members David Kaplan and Wendy Jepson for their leadership. Regional divisions interested in organizing similar sessions at 2009 meetings are encouraged to contact Patricia Solís, psolis@aag.org.

AAG 2008 Enhancing Diversity Award honors Reginald Golledge

The AAG Enhancing Diversity Award honors geographers who have pioneered efforts toward or actively participated in efforts toward encouraging a more diverse discipline over the course of multiple years. Previous recipients include Joe Darden, Don Deskins, Saul Cohen, Janice Monk, and Jacquelyn Beyer.

This year, distinguished geographer Reginald Golledge of the University of California, Santa Barbara, has been named the 2008 recipient of the AAG Enhancing Diversity Award in recognition of



Golledge

his long-standing efforts to support and mentor underrepresented students in higher education, and particularly for his attention to those with disabilities. Since the early 1960s, Golledge engaged and mentored women and ethnic minorities in graduate level research, increased diversity of the department's faculty while Chair, and conducted a number of important research projects regarding women and minorities in the discipline. Golledge's well-known cutting-edge research on geography, spatial cognition, and disability has not only achieved the highest levels of excellence in scholarship, but has also helped to find ways to allow disabled people to become fully integrated into their communities around the world. The AAG will formally confer the award to Golledge at the Annual Meeting Awards Luncheon on Friday, March 27, 2009 in Las Vegas. Friends, colleagues, and students of Reginald Golledge are encouraged to attend.

Follow-up Departmental Survey on Diversity Progress in 2010

The AAG plans to conduct a follow-up survey of geography departments in 2010 to help assess progress toward

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Two Geographers Receive Presidential Awards

Two geographers, Paul Torrens and Joan Walker, were presented with Presidential Early Career Awards for Scientists and Engineers (PECASE) for their innovative integration of research and education in ceremonies at the White House and the National Science Foundation on Friday, December 19, 2008.

PECASE awards recognize outstanding scientists and engineers who show exceptional potential for leadership at the frontiers of knowledge early in their careers and are among the highest honors bestowed by the U.S. government for scientific or engineering achievement. Nine federal agencies nominate scientists and engineers whose work shows exceptional promise. Awardees are selected for the highly innovative quality of their research and for community service that demonstrates scientific leadership, education, or community outreach. Both Torrens and Walker previously received Faculty Early Career Development Program (CAREER) awards from the National Science Foundation.

Torrens was recognized for research on the development of behaviorally-founded computer models of pedestrian movement and crowd behavior in dense urban environments, using these models to experiment with ideas, hypotheses, and plans related to crowd dynamics. In addition to contributing to methodological and theoretical development, his research has been adapted for educational and applied uses. Torrens is Associate Professor in the School of Geographical Sciences at Arizona State University.

Walker was recognized for research integrating attitudinal constructs drawn from the behavioral sciences into discrete-choice analysis by incorporating structural equation modeling and psychometric data.

Her CAREER award is jointly supported by the NSF Civil Infrastructures Program and the NSF Geography and Regional Science Program. Walker was an Assistant

Professor in the Department of Geography and Environment at Boston University when she received her CAREER award. She recently relocated to a joint appointment in the new inter-

disciplinary Center for Global Metropolitan Studies and the Department of Civil and Environmental Engineering at the University of California-Berkeley.

For more information about these and other PECASE awardees, see www.nsf.gov/news. ■



Torrens



Walker

National Academy of Sciences to Hold Third Annual Gilbert F. White Lecture

Issues in climate change and infectious disease will be addressed in the third annual Gilbert F. White Lecture in the Geographical Sciences, to be held February 18, 2009, at the Keck Center in Washington, D.C. Organized by NAS's Geographical Sciences Committee, "Climate, Oceans, and Human Health: The Saga of a Cholera-Chaser" will be presented by Rita Colwell, Distinguished University Professor at both the University of Maryland at College Park and Johns Hopkins University.

Colwell is the former Director of the National Science Foundation (1998-2004) and has held many advisory positions in the U.S. Government, nonprofit science policy organizations, and private foundations, as well as in the international sci-

entific research community. An internationally-known scientist and educator, she has authored or co-authored 17 books and more than 700 other scientific publications.

Colwell is a member of the National Academy of Sciences and in 2008 served as President of the American Institute of Biological Sciences. She is currently developing an international network to address problems related to infectious disease and



Colwell

water safety. Colwell also produced the award-winning film *Invisible Seas*.

The Gilbert F. White lecture series emphasizes connections between the geographical sciences and society. It both honors Dr. White and uses his example as an inspiration for geographers to share their work on the connections between science and society.

The lecture will begin at 5:30pm on Wednesday, February 18, in Room 100 of the Keck Center of the National Academies, 500 Fifth Street NW, Washington, D.C., 20001. The lecture is open to the public. Additional information (including directions) can be found on the Geographical Sciences Committee webpage at <http://dels.nas.edu/besr/gsc.shtml>. RSVPs to Jared Eno (jeno@nas.edu) are appreciated. ■

Washington Monitor

Obama: Science & Technology "Critical to Meeting 21st Century Challenges"

President-elect Barack Obama used his December 20 national radio address to announce the leaders of his Administration's science and technology team. As part of the announcement, Obama cited the criticality of science and tech and stated, "It's time we once again put science at the top our agenda and work to restore America's place as the world leader in science and technology."

From looking at the list of the new president's priorities, it is clear that geography will have a seat at the table. He specifically noted that his goals include promoting science to slow global warming and "the innovations to remake our industries and create twenty-first century jobs." As readers of this column are well aware, the U.S. Department of Labor has designated geospatial technologies as one of three most important emerging and evolving technology fields (along with nanotech and biotech).

Members of Obama's leadership team will include:

- **John Holdren** as Director of the White House Office of Science and Technology Policy (OSTP); he will concurrently serve as Co-Chair of the President's Council of Advisors on Science and Technology (PCAST). Holdren is the Teresa and John Heinz Professor of Environmental Policy and Director of the Program on Science, Technology, and Public Policy at the Kennedy School of Government, Harvard University, as well as President and Director of the Woods Hole Research Center. He is also Professor of Environmental Science and Policy in Harvard's Department of Earth and Planetary Sciences. From 2005–2008, Holdren served as President-Elect, President, and Chair of the Board of American Association for the Advancement of Science. Holdren has worked closely with many geographers on sustainability science and policy.
- **Eric Lander** and **Harold Varmus** will serve as the other co-chairs of PCAST. Lander is the founding director of the Broad Institute and one of the principal leaders of the Human Genome Project. He is also professor of biology at MIT and professor of systems biology at Harvard Medical School. Varmus is a former Director of the National Institutes of Health and co-recipient of a Nobel Prize for studies of the genetic basis of cancer. He has served as the President and Chief Executive Officer of Memorial Sloan-Kettering Cancer Center since January 2000.
- **Jane Lubchenco** is Obama's nominee for Administrator of the National Oceanic and Atmospheric Administration. Lubchenco is an environmental scientist and marine ecologist. She has been on the faculty at Oregon State University since 1978. She is Past-President of the International Council for Science and a former President of the American Association for the Advancement of Science and the Ecological Society of America. She received her Ph.D. from Harvard University in marine ecology.
- **Steven Chu** has been nominated for U.S. Secretary of Energy. Chu served most recently as director of the Lawrence Berkeley National Lab and as professor of physics and molecular and cellular biology at the University of California, Berkeley. He is the 1997 winner of the Nobel Prize for physics and previously had an academic appointment at Stanford University. Motivated by a deep interest in climate change, he transformed Lawrence Berkeley into a broad and innovative research program on energy technologies. He has a BS in physics from the University of Rochester and a Ph.D. from UC-Berkeley.
- **Carol Browner** will serve as Assistant to the President for Energy and Climate Change on the White House staff. Browner has been a Principal of The Albright Group LLC, where worked on environmental protection, climate change, and energy conservation and security issues. She previously served as President Clinton's Administrator of the U.S. Environmental Protection Agency, a Cabinet-level position she held for eight years. Prior to her EPA service, Browner was Secretary of the State of Florida's Department of Environmental Regulation and also served as Legislative Director for U.S. Senator Al Gore.
- **Lisa Jackson** is Mr. Obama's nominee for Administrator of the EPA. Jackson became the head of New Jersey's Department of Environmental Protection (DEP) in 2006 and also served as chief of staff to Governor Jon Corzine. Her past experience includes management responsibilities at the EPA's regional office in New York for the Superfund program, the federal program regulating hazardous waste cleanup projects; for enforcement programs at both EPA and DEP; and for New Jersey's Land Use Management Program. She has also focused on water issues, including expanding protections for surface waters that serve as sources of drinking water and habitat for endangered species. Jackson received her Master's in chemical engineering from Princeton University and did her undergraduate work at Tulane.



Holdren

Federal Stimulus Beneficiaries Could Include University Infrastructure Projects

In late December, the leaders of 40 top American universities signed onto

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In Search of a Better Revolution

Urban West Africa was ground zero in the global food crisis of last spring and summer. From Dakar to Abidjan, the cities in this zone experienced more protests against rising food prices than any other region in the first two-thirds of 2008.

The solution, pushed by many global leaders, is to increase crop yields in Africa via a new green revolution. They point to the apparent success of the last green revolution in the 1960s and 70s, a concerted global effort in Asia and Latin America to disseminate a high yield crop package of hybrid seeds, fertilizers and pesticides. The problem, they argue, is that these innovations never reached Africa. They are wrong.

The green revolution did touch Africa in the form of cheap Asian rice which began flooding African markets in the 1980s. I have been working or conducting research in West Africa on food and agriculture for over 20 years. When I lived with a family on the outskirts of Bamako, Mali in the 1980s, they still largely ate small grains (millet and sorghum) produced in the surrounding country side. Today, they mostly purchase rice from Thailand or Malaysia, having developed a taste over several years for this (until recently) relatively cheap import.

Research shows that this pattern has been repeated in cities across West Africa, constricting markets for locally produced grains and forcing farmers to switch to other crops as a source of cash (such as cotton) or abandoning farming all together for a life in the city. This shift has been aided and abetted by a (World Bank/IMF imposed) package of free market reforms that removed barriers to food imports and emphasized commodity crop exports.

The green revolution also was not of great benefit if you were a small, poor farmer in Asia. While the new package of hybrid seeds, fertilizers and pesticides did dramatically increase yields, the cost of

such inputs was prohibitively expensive for the poorest farmers. The result was a silent reorganization of the Asian country side as the poorest of the poor couldn't compete, and then went to work for their wealthier neighbors or moved to the city. Even wealthier farmers faced growing input costs as insects developed resistance to the most common pesticides, forcing them to apply more and more chemicals or switch to expensive alternatives. Export-oriented rice production in Southeast Asia also further fueled the demand for large scale dam construction, creating a host of other social and environmental problems.

Global leaders are correct in asserting that the agricultural sector in Africa deserves more attention and support. The green revolution approach, however, is flawed. For starters, many of the inputs required for higher yielding crops, especially fertilizers, are petroleum based. The cost of these inputs will only rise in step with the general upward trend in energy costs. Use of imported seeds (hybrid or GMO) and other inputs also concentrates power in the board rooms of global agrochemical firms rather than in the hands of small farmers.

An approach (known as food sovereignty) emphasizing local or national food provision and appropriate technology is more sustainable and empowering for small, West African farmers. Agricultural experiments comparing intensive African methods (involving the use of manure and compost as inputs, and the intelligent mixing of multiple crops) to conventional Western cropping strategies have repeatedly shown the former to be more efficient in terms of energy consumed per unit of output. These methods have been inhibited by cheap imports and by agricultural agencies that emphasized industrial approaches to crop production.

While some emergency measures will be needed to address the food crisis in

the short term, we can do better than another green revolution in the medium to long term. This will involve building on the knowledge of local farmers to develop agricultural approaches that are sustainable and accessible to the poor. It may also mean protecting national and regional food systems from unfair competition.

Geographers can and should play a key role in articulating and promoting a new vision for supporting agriculture in Africa and elsewhere. On-going debates on how best to address the global food crisis are impoverished without a geographic perspective on this issue that is uniquely attentive to coupled human-environment interactions within local food systems, the interplay between political economy, environment and livelihood across scales, and the linkages (intended and unintended) between different regional food systems. Moments of crisis are also moments of opportunity for change. Our discipline, with its long-standing tradition of scholarship on environment, development and agriculture, should aggressively engage in the public debate on the future contours of the global food system.

For years, global and national food policies have had an urban bias in that the provision of cheap food has almost always trumped environmental or social costs in the country side. The results have been predictable: more under-employed urban residents hailing from rural areas and fewer small farmers. West Africa has some of the best small farmers in the world. We should support, not subvert, their genius.

William G. Moseley
Macalester College

This commentary is adapted from an op-ed, of the same title, originally published in the Minneapolis StarTribune on May, 13 2008. ■

AAG Newsletter Op-Eds

The AAG invites brief opinion pieces highlighting the contributions of geographical analysis to the understanding of important public issues and events. Submissions are encouraged from across the full breadth of the discipline. These pieces reflect opinions of contributing AAG members and do not represent an official AAG position on any issue. Op-ed pieces must be consistent with the AAG ethics policy and will be published on a space available basis. Send submissions of no more than 750 words to newsletter@aag.org.

Tables Available for Purchase at AAG Annual Meeting Awards Luncheon

The AAG Annual Meeting Awards Luncheon will be held on Friday, March 27, 2009 in Las Vegas, Nevada. We invite you to join us and enjoy the event with your colleagues, friends, and family. We are offering the purchase of 10 discounted tickets to reserve a full table. If you wish to reserve a full table for

your department, AAG Specialty Group, students, or friends, you may do so at this time. Individual tickets are \$55 and tickets for a table (seats 10) are \$495. If you have not yet paid your Annual Meeting registration fee, you may purchase the Luncheon tickets online at the time you pay. If you have already paid your registration

fee, please fax this form to 202-234-2744 or mail it to 2009 AAG Annual Meeting, Association of American Geographers, 1710 Sixteenth Street NW, Washington, DC 20009-3198. For more information contact meeting@aag.org. ■

2009 AAG Annual Meeting Awards Luncheon Form Las Vegas, NV — March 27, 2009 12:00 pm - 2:15 pm

Single Ticket
\$55.00

Qty

Table for 10
\$495.00

Qty

Name: _____

Organization: _____

Total Amount: \$ _____

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

Visa or MasterCard Number: _____ Exp. Date: _____

Signature: _____

Grants and Competitions

ESRC-SSRC Collaborative Visiting Fellowships

The Economic and Social Research Council (ESRC) and the Social Science Research Council (SSRC) are pleased to announce fellowships for scholars from the Americas (North, Central, South and the Caribbean) to visit and engage in collaborative activities with members of ESRC-supported projects in Britain, or for

British scholars at ESRC-supported projects to visit collaborators in the Americas, between June 1, 2009 and August 31, 2010. (<http://fellowships.ssrc.org/esrc>).

Applicants and their collaborators should have received a PhD in one of the social sciences (including history) by the time the proposed visiting fellowship would start. They should have been based in the country from which they are

applying for at least two years before the application deadline of **March 20, 2009**. Please direct any questions about the ESRC/SSRC fellowship to visiting-scholars@ssrc.org. For information on previous Fellowship awards see 'Mobility and Networking' on the ESRC International Pages at www.esrc.ac.uk. ■

Jobs in Geography

UNITED STATES

CALIFORNIA, FRESNO.

The Department of Geography invites applications for a tenure-track **Assistant Professor** position specializing in **Environmental Studies** beginning August 2009. PhD in Geography or a related discipline is required for appointment to a tenure-track position. ABD may be considered for a temporary lecturership position with the possibility of conversion to tenure track upon completion of the doctorate. Teaching load is 4 courses per semester. Teaching duties will include the following: environmental pollution, global environmental change, international environmental law, and environmental policy and management. Other teaching duties may include general education courses.

Complete applications received by February 10, 2009 will be given full consideration. Please see official vacancy announcement at www.csufresno.edu/aps/vacancy/social_sciences.html. Online application form is available at www.csufresno.edu/aps/vacancy/sc1.pdf.

Apply: submit the application form, application letter, CV, and three letters of recommendation (directly from referees) to Dr. C.K. Leung, Search Committee Chair, Department of Geography, 2555 E. San Ramon Ave., MS/SB69, CSU Fresno, Fresno, CA 93740-8034. Phone: (559) 278-2797. Fax: (559) 278-7268. E-mail: cleung@csufresno.edu. AA/EOE.

JAN 09-004

*CALIFORNIA, REDLANDS.

Consultant/Project Manager – Land Information Systems. Use your consulting and project management experience in the land management and land records market to support our users with the implementation of solutions throughout the entire life cycle – from requirements to rollout. This is a challenging opportunity to help our customers translate and implement real-world needs into practical, state-of-the-art, GIS technology-driven solutions using ESRI's enterprise GIS technology. You will also work with clients to prepare multi-year GIS implementation and migration strategies and lead project teams during requirements, analysis, design, build, and rollout. Requirements for this position include a bachelor's, master's, or PhD in a relevant field, depending on position level; eight to 12+ years of significant proven experience; public or private sector experience with survey and land records, land manage-

ment, and land information systems data and technology; and the ability to lead and manage consulting and software development teams.

Learn more about this position and apply online at www.esri.com/careers. ESRI is an equal opportunity employer (EOE) supporting diversity in the workforce.

FEB 09-031-1

*CALIFORNIA, SAN BERNARDINO.

San Bernardino Community College District. Title: **Instructor, Geography.** The primary teaching assignment will be Physical Geography, but assignment may include Introductory GIS, Introductory Cultural Geography, Environmental Geography, Weather and Climate, and/or World Regional Geography; a regular load of lecture-laboratory courses; performance of institutional responsibilities including holding office hours, participating in committees, developing curriculum, selecting text, advising students, and other related activities.

Minimum Requirements: Master's degree in geography or Bachelor's in geography and

Master's in geology, history, meteorology, or oceanography or the equivalent. Experience that indicates a sensitivity to and an understanding of the diverse academic, socioeconomic, cultural, and ethnic backgrounds of community college students and personnel, including those with physical or learning disabilities.

Closing Date: 02-10-2009. Salary and Benefits: Starting salary of \$46,635 to \$72,093 plus family medical, dental, and vision coverage and employee life insurance (employee contribution depends upon plan selected). For more information and to apply visit: www.sbccdjobs.com. EOE.

FEB 09-030-1

*FLORIDA, BOCA RATON.

The Department of Geosciences at Florida Atlantic University invites applications for a tenure track **Assistant Professor in GIScience** at our Davie campus in suburban Ft. Lauderdale. We seek an individual with a strong background in applying geospatial techniques to diversify and complement our existing strengths

"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

in GIScience education and research. Research experience/interests in wetland, vegetation, or coastal systems are preferred. The Department currently offers undergraduate and master's level degrees in both geography and geology and will institute a new doctoral degree in Geosciences in Fall 2009.

The successful candidate will interact with faculty and students on the Boca Raton campus as well as build student enrollments on the Davie campus. Florida Atlantic University is located in Southeastern Florida. This region's geographic relationship to sensitive ecosystems combined with its rapidly expanding human population has put extreme stress on environmental resources. The Department of Geosciences and FAU's interdisciplinary Environmental Sciences program are partnering with several state and federal agencies to address the region's unique environmental problems and the successful candidate will have the opportunity to make a major contribution to this partnership. Teaching duties will include undergraduate and graduate courses in GIScience and the candidate's area of expertise. Candidates should have a PhD, demonstrated potential for establishing programs of funded research, and clear promise of excellent teaching.

Applicants should submit a curriculum vita, letter of application stating qualifications for the position, up to three representative publications, and names and contact information for three professional references. Send the application materials to Dr. Zhixiao Xie, Search Committee Chair, Department of Geosciences, Florida Atlantic University, 777 Glades Road, Boca Raton, FL 33431. Additionally, an official FAU application must be submitted electronically for the Geoscientist Position (# 991719) at <http://jobs.fau.edu>. The position is open until filled. Applications will be reviewed beginning February 13, 2009.

Florida Atlantic University is an Equal Opportunity/Equal Access/Affirmative Action Employer.

FEB 09-022

FLORIDA, PENSACOLA.

The Department of Environmental Studies and the Online GIS Certificate Program at The University of West Florida invites applications for a **twelve-month Graduate Assistantship** to begin August 8, 2009. Compensation includes tuition (36 credits) towards M.S. Environmental Science and salary (14k) per year for two years. The successful candidate will be expected to assist in online GIS Certificate Program courses such as Introduction to GIS, Cartography, Remote Sensing + Photo Interpretation, and GIS Programming as well as provide assistance with outreach activi-

ties. Requirements include a B.S. in Geography, Environmental Studies, or related degree, 3.2 GPA, 1200 on GRE, acceptance to graduate program, and eligibility to work in the United States. The ideal candidate must demonstrate theoretical and practical experience with GIS, communicate effectively both orally and in writing, and be organized, productive and ethical.

Apply: Send a cover letter of application, résumé and statements of your academic and research interests to Amber Bloechle, Department of Environmental Studies, University of West Florida, 11000 University Pkwy, Pensacola, FL 32514. Phone: (850) 474-2746; Fax: (850) 857-6036.

Applicants are encouraged to visit www.uwf.edu/environmental and www.uwf.edu/gis/gisonline. Candidates should also arrange to have transcripts and three original letters of recommendation sent directly to Ms. Bloechle. Review of applications will begin March 1, 2009 and continue until the position is filled.

The University of West Florida is an Equal Opportunity/Access/Affirmative Action Employer. Minorities and women are encouraged to apply.

JAN 09-002

*MARYLAND, BALTIMORE.

Coppin State University. The Department of History, Geography and Global Studies seeks an **Assistant Professor** to help build its geography program. A dynamic teacher with strengths in Urban, Historical, Cultural Geography or Geography/Social Studies Teacher Education would complement the existing program. GIS experience is desirable as is an ability to teach a regional course (Latin America, Middle East, Africa, Asia.) Must love the classroom and excel at recruiting. ABD considered, PhD preferred.

Start in August 2009. This post is funded through AY 10/11 as a contractual position. Very competitive salary.

Apply: send a cover letter, CV with contact information for three references, and a transcript to Dr. Douglas Reardon, Associate Professor, Dept. of History, Geography and Global Studies, Coppin State University, 2500 W. North Ave., Baltimore, MD 21216.

Inquiries welcomed by Dr. Reardon on (410) 951-3441 or to dreardon@coppin.edu.

CSU is an Equal Opportunity, Affirmative Action Employer.

FEB 09-033

*MARYLAND, BALTIMORE.

Coppin State University. The Department of History, Geography and Global Studies seeks a

part-time Lecturer and Geospatial Laboratory Assistant. Global Studies program desires an enthusiastic Geographer to support teaching and student research using remote sensing and GIS. Lab facilities include workstations with ESRI and ERDAS site licenses, a large format color plotter, Trimble Nomads and Garmin GPS units. Knowledge about national security/ international affairs a plus.

Hours will accommodate graduate's schedule. Good pay. Great experience. Start in Spring. MA required.

Apply: send a cover letter, CV and a transcript to Dr. Douglas Reardon, Associate Professor, Dept. of History, Geography and Global Studies, Coppin State University, 2500 W. North Ave., Baltimore, MD 21216.

Inquiries welcomed by Dr. Reardon on (410) 951-3441 or to dreardon@coppin.edu.

CSU is an Equal Opportunity, Affirmative Action Employer.

FEB 09-034

MASSACHUSETTS, WESTFIELD.

Westfield State College seeks a full time, tenure track **Instructor/Assistant Professor** for Fall of 2009. Teach GISciences courses and other electives, serve as GIScience Coordinator for college, manage the GIST Center, a teaching lab, coordinate and develop interdisciplinary courses as well as GIScience outreach projects in the community. Work with faculty and students in related disciplines on GIS and remote sensing applications in undergraduate research projects.

Qualifications: Doctorate or ABD completed by September 2009. Exceptional candidates without a doctorate considered. Candidate must have a proven teaching record in GIScience coursework. Salary is competitive and commensurate with qualifications. Position is open until filled.

Apply: On-line application is required: visit <http://jobs.wsc.ma.edu/applicants/Central?quickFind=51214> to view detailed job description and minimum qualifications, to submit online application, attach required documents and view mailing address for reference materials. For assistance call 413-572-8158.

Westfield State College is committed to building a culturally diverse faculty and staff dedicated to teaching and working in a multi-cultural environment. Since its founding 170 years ago, Westfield has been open to all – regardless of class, gender or race – and became known for educating freed African-Americans in the post-Civil War era. Today, Westfield upholds its long tradition of opportunity, strongly encouraging applications from women, minorities, and indi-

The Department is an interdisciplinary community of scientists representing the atmospheric sciences, ecology, geosciences, and hydrology. The Department offers B.S., B.A., M.S., M.A. and PhD degrees. We strongly encourage prospective candidates to review our Departmental website (www.evsc.virginia.edu) prior to applying.

The successful candidate is expected to develop programs in research and teaching at the undergraduate and graduate levels and to participate in teaching our undergraduate and graduate atmospheric sciences curriculum. We encourage applications from scientists whose research, teaching strengths, and interests show promise for complementing the unique interdisciplinary foci of the Department. The ideal candidate will have an established record of (or the potential for) interaction with hydrologists, geoscientists, and ecologists.

A PhD in climatology, atmospheric sciences, or a closely allied discipline is required. Applicants must provide evidence of high-quality research and a strong commitment to teaching. Established research credentials in the dynamics of Earth's climate are required. Suggested research foci include, but are not limited to: ENSO dynamics and air-sea interactions, atmospheric teleconnections, and impacts of internal or external radiative forcing on Earth's climate.

To apply, please complete a Candidate Profile on-line and then, attach a cover letter, curriculum vitae, statement of research and teaching interests, and the contact information for three references through Jobs@UVA (<https://jobs.virginia.edu>); search on Posting Number 0602844. The review of applications will begin on February 7, 2009; however, the position will remain open until filled.

The University of Virginia is an equal opportunity/affirmative action employer. Women and members of underrepresented groups are strongly encouraged to apply.

JAN 09-012

WISCONSIN, EAU CLAIRE.

The Geography and Anthropology Department at the University of Wisconsin-Eau Claire invites applications for a probationary tenure track **Assistant Professor** to begin August 24, 2009. The department seeks someone with a PhD at the time of appointment and whose scholarship, experience, teaching, and research interests complement existing strengths in the department. The successful candidate will teach courses in **urban geography, economic geography, and geographic quantitative methods** using Excel, SPSS, and ArcGIS. Applicants must have strong database skills and a rigorous background in applied urban and economic geography, including the use of GIS as an analytical tool. The

ability to teach business geographics is a plus. The department requires a commitment to undergraduate student-faculty research collaboration, applied research, and public service to the state and local community.

Apply: send only paper copies of teaching and research interests, teaching philosophy, research goals, and teaching experience; evidence of teaching performance; curriculum vitae; graduate school transcript; and three recent letters of recommendation to Dr. Ingolf Vogeler (ivogeler@uwec.edu), Search Committee, Department of Geography and Anthropology, University of Wisconsin-Eau Claire, Eau Claire, WI 54702-4004.

Email inquiries are welcome. To ensure consideration, completed applications must be received by February 28 2009; however, screening may continue until the position is filled. For more information, see www.uwec.edu/acadaff/jobs/faculty.

JAN 09-003

INTERNATIONAL

SCOTLAND, ABERDEEN.

Research Fellow, School of Geosciences. As part of its programme of investment in key research areas, the University of Aberdeen invites applications for a pivotal position in **Geography and Social Theory**. This position is part of a larger effort to build human geography within the dynamic, research-led discipline of Geography & Environment, and comes in association with the recent appointment of a Sixth Century Chair in Geography and Social Theory. The successful applicant for this position will have a recent PhD in Geography or will have the PhD in hand by January 31, 2009. They will have an active and productive research profile in some aspect of the nexus between social theory and geography and in addition to pursuing research they will be expected to help coordinate an internationally oriented program of social theory within geography. Applicants will also do limited teaching. This post is available for a period of 3 years. Salary will be at the appropriate point on the Grade 6 scale (£29,704- £35,469 per annum) with placement according to qualifications and experience.

Apply: to apply online for this position visit www.abdn.ac.uk/jobs or alternatively you may request an application pack by emailing your name and contact details to jobs@abdn.ac.uk or by telephoning our 24-hour answer service on (01224) 272727 quoting GEO010R.

Visit the Departmental website at www.abdn.ac.uk/geography. For a direct link to the job advert visit: www.abdn.ac.uk/jobs/display.php?recordid=GEO010R.

The closing date for the receipt of applications is: February 27, 2009. Promoting Diversity and Equal Opportunities throughout the University.

JAN 09-009

UNITED ARAB EMIRATES

Two Positions in Sociology/Anthropology/Cultural Geography. The Department of International Studies at the American University of Sharjah (United Arab Emirates) is seeking to hire a sociologist/anthropologist and an anthropologists/cultural geographer to teach a number of both introductory and advanced undergraduate courses. Area(s) of specialization is open. The selected candidate will be able to/expected to propose new courses for students majoring in International Studies and for the university's General Education Program. Teaching requirements at the American University of Sharjah are three courses per semester. Additional responsibilities include scholarly activities, academic advising and program development, as well as institutional service.

The successful candidate will have experience with the North American higher educational system and will be an asset at a university that emphasizes both teaching and research excellence. The candidate(s) must have an earned PhD (ABD with evidence of near completion may be considered); demonstrated excellence in undergraduate teaching; and an active research agenda.

The Department of International Studies (www.aus.edu/cas/is) is a dynamic, interdisciplinary department. Its mission is to integrate a wide range of disciplines and to present a variety of courses to the remarkably diverse student body of AUS. Although the university (www.aus.edu) is relatively new, it is fully accredited within the North American system and is emerging as the preeminent institution of higher education in the region. It offers support for research, a generous compensation package, free housing and other benefits (there is no income tax in the United Arab Emirates). Sharjah is located adjacent to Dubai and, thus, is in the most rapidly evolving and exciting area in the United Arab Emirates, perhaps the most cosmopolitan country in the Middle East.

Apply: please submit a letter describing your qualifications, a C.V., and list of three referees electronically only to Dean William Heidcamp to the following address: CAS-INS-Search@mailman.aus.edu. The review of applications will begin on November 15, 2008 and continue until the position is filled. Faculty who are appointed starting with the Fall semester must be in Sharjah by August 17, 2009.

JAN 09-011

