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## AAG Seeks Annals Editor

The Association of American Geographers seeks applications and nominations for the People, Place, and Region section editor for the *Annals of the Association of American Geographers*. The new section editor will be appointed for a four-year editorial term that will commence on January 1, 2011. The appointment will be made by November 2010.

The AAG seeks an editor who will solicit, review, and accept for publication articles in the People, Place, and Region subject area, within publication-space 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. The section editor should be eager to act as an intellectual entrepreneur to attract the very best work being produced.

In support of these goals, the editorial candidate should possess demonstrated expertise within the section subject area (People, Place, and Region), 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

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## Seattle: No Ordinary Joe

### Coffee Capital is Jumping with Contradictions

Seattle, site of the forthcoming AAG Annual Meeting, is a city alive with contradictions. A brash place of boosters and entrepreneurs, it is also an enduring stronghold of tolerance, cooperation and environmental concern. At some 3½ million people in the urban area, it seems too big and crowded to many of us who live here. Still, it is only a metropolis of modest size by world standards. While achieving its historic goal of becoming a "global city," Seattle remains a smaller place than its position on the world scene would suggest. And while passing its historic rivals, Portland and Vancouver, in size and power, Seattle ironically still exhibits a kind of inferiority complex—we are not somehow as civilized as our more sophisticated neighbors.

Seattle is also a contradiction in comparison with other U.S. cities in that it is highly productive and relatively prosperous with-

out a large share of poverty and deprivation. It also has an enviable, diverse age structure, exceptional levels of education, and a skilled labor force. Over time we have evolved a healthy, diverse and adaptable economy, and constructed a reasonably attractive and well-ordered built environment over a complex topography.

### Seattle's Microgeographies

Seattle's location, on the relatively protected inland sea called Puget Sound, is remote from national markets but at the same time well-positioned for potential trade with Alaska and East Asia. Vancouver and Bellingham, to the north, are at least as well situated, and within what is now greater Seattle, early rivals

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This statue of Lenin is located in the Fremont neighborhood. For more on Seattle's left-leaning culture, see page 13. Seattle will host the 2011 AAG Annual Meeting.

**AAG Annual Meeting Call for Papers is available on pages 16-17.**

**AAG Newsletter**  
of the  
**Association of American  
Geographers**

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USPS 987-380 ISSN 0275-3995

The AAG Newsletter ISSN 0275-3995 is published monthly with July/August combined, by the Association of American Geographers, 1710 16th Street NW, Washington, DC 20009-3198. The cost of an annual subscription is \$25.00. The subscription price is included in the annual dues of the Association. Not available to non-members. Periodicals postage paid in Washington, DC. All news items and letters, including job listings, should be sent to the Editor at the address below or to newsletter@aag.org.

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.

When your address changes, please notify the Association office immediately. Six weeks notice is necessary to ensure uninterrupted delivery of AAG publications. To assist the AAG office in your address change, include the address label with your change of address.

Postmaster: Send address changes to AAG Newsletter, 1710 16th Street NW, Washington, DC 20009-3198, or address@aag.org.

## Space-Time Integration in Geography and GIScience

Every year, the Association of American Geographers (AAG) identifies a particularly timely or relevant set of themes to feature during its Annual Meetings. Last year an over-riding theme was climate change, for example, and previous years have included featured sessions on topics on as human rights, landscape and literature, sustainable development in Africa, geography of water, and many other topics.

Among several special themes at its upcoming Annual Meeting in Seattle, April 12-16, 2011, will be multiple sessions focused on the research status, recent advances and research needs of space-time integration, modeling and analysis in geography and GIScience. This special set of invited papers will feature many leading GIScience researchers from Asia and Europe as well as from other regions of the world, and will form a three-day high-profile symposium within the AAG Annual Meeting.

Space-time analysis is a rapidly growing research frontier in geography, GIS, and GIScience. Advances in integrated GPS/GIS technologies, the availability of large datasets (over time and space), and increased capacity to manage, integrate, model and visualize complex data in (near) real time, offer the GIS and geography communities extraordinary opportunities to begin to integrate sophisticated space-time analysis and models in the study of complex environmental and social systems, from climate change to infectious disease transmission.

This special symposium builds on momentum from a space-time analysis workshop cosponsored by the AAG, ESRI, the University of Redlands, and University of Southern California in early 2010, as well as several other initiatives during the past few years. Geographers, GIScientists, modelers, computer programmers, GPS/GIS systems scientists, climate change scientists, epidemiologists, ecologists, planners, transportation experts, and others with research expertise in integrating space-time in GIS

and geography are encouraged to participate in this special symposium.

This special symposium will open with a plenary panel session led by prominent theorists and pioneers in these fields.

The AAG welcomes paper abstracts in the following areas.

- *Research advances and needs in space-time analysis and representation, such as:*

- collaborations among GIScientists and modelers (systems, agent-based, network, etc.)
- real-time GPS/GIS interactive systems
- technological challenges and R&D needs
- visualization of space-time in GIS
- sharing discoveries and results with decision-makers
- integrating analysis and results into web 2.0
- dealing with lag effects in space and time
- ontological frameworks
- qualitative space-time analysis
- temporal scale and event representation
- historical time and HGIS
- computational algorithms
- analytical tools for time constrained decision support systems
- sensor integration
- 3-D or 4-D representations of time and space interactive data
- real-time geographic management systems
- uncertainty analysis
- community or participatory GPS/GIS and related systems (including "VGI")
- *State-of-the-Art applications of space-time modeling and analysis in areas such as:*
  - climate change response and adaptation
  - species migrations and habitat connectivity



Richardson

Continued on page 4

## Supporting Early Career Faculty

Over the next year I will focus several of my columns on strengthening and expanding opportunities for professional development in geography. This is an area in which I have been working for over a decade, focusing especially on early-career faculty and graduate students pursuing academic careers. But, as I will discuss in future columns, there is an equally great need to improve support for geographers moving into non-academic careers, as well as for department leaders and for mid-career and senior faculty.

For geographers moving into academic careers, I think there are two reasons for improving support. First, as was noted in a recent *Chronicle of Higher Education* article, many faculty arrive in their first jobs "without feeling that they were effectively prepared in graduate school for such key duties as teaching undergraduates and conducting research." Feeling overwhelmed by a first job is not unique to academic life, but research seems to indicate that the mismatch between training and job responsibilities is frequently greater among academics than for other comparable professionals. This is because many newly appointed professors find themselves facing challenges in teaching, research, and service that were never addressed explicitly in their graduate training. Added to these stresses are the difficulties of balancing professional life with personal and family responsibilities. Equally important, many new faculty take positions at colleges and universities with very different missions from those where they earned their degrees, in departments with far different expectations and responsibilities. New hires can, as a result, face a steep learning curve as they settle in to their new academic homes.

Second, a "hidden curriculum" is embedded in most graduate training—unspoken norms, rules, and assumptions needed for success. In many professions, mastering this type of implicit or tacit knowledge is often

an important rite of passage. But though there is nothing intrinsically wrong with such a hidden curriculum, it can too easily lead to inequalities and inequities. This is because factors like where a person studies, the advisor picked, or the department of a person's first job can have a substantial affect on their career if tacit knowledge is offered or withheld based upon personal characteristics irrelevant to scholarly and scientific achievement. Issues of gender, sexuality, age, family status, nationality, race, and ethnicity can too easily privilege or disadvantage access to the hidden curriculum. I believe that bringing the hidden curriculum of academic life into the open is a key step in enfranchising a greater diversity of geographers, attracting a wider variety of students, and opening the discipline to a broader array of voices.

There are many elements of the hidden curriculum, such as managing time, developing collegial relations, balancing professional and personal responsibilities, navigating the job search, preparing for reviews, advising and mentoring students, and planning career options. Some of these issues are addressed in graduate school, but the emphasis of doctoral education is, of course, research, writing and publishing. Even then, big questions remain for many faculty when they take their first jobs. Where should they publish; what are the grant and publishing expectations of their programs; how should they respond to reviews and interact with editors, how should they address ethical conflicts arising from research and writing; or how can they get the most out of the grant funding they receive? Some of the most stressful issues are those revolving around course planning, curriculum development, and teaching which usually aren't covered in great detail

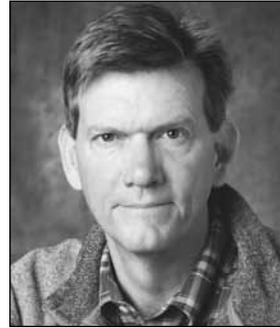
in graduate curricula. But research seems to indicate that, when new hires are offered help in these areas, not only do they do a better job in the classroom, they are more productive in all areas of their professional lives. Without help, early career faculty sometimes encounter problems for which

they aren't prepared—without realizing that solutions and assistance are often readily available. Such feelings of isolation amplify the stress and anxiety of the first years of a college job.

I am not suggesting that all of these topics should somehow be magically introduced into our graduate curriculum.

Instead, I advocate a more

systematic, community-based approach to supporting early career faculty: one that attempts to make professional development a more intrinsic and routine component of the life of our departments and discipline. This would, of course, entail introducing some of these topics in graduate school, but it would involve also raising them explicitly with new staff; discussing them in faculty meetings; and making them the subject of brownbag lunches, seminars, and colloquia—as is now done in some departments. It also implies helping graduate students and early career faculty build mentoring and support networks—also known as "communities of practice"—inside and outside their programs. And professional development should continue to be woven into our annual and regional meetings, as has been happening over the past decade. Just as our meetings are a key means of advancing geography's research frontiers, they should also be places for focusing on the many other elements of professional practice that are essential to our work. ■



Foote

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**AAG Marble-Boyle Award nominations are now being accepted. See page 32 for details.**

## AAG Welcomes Two Summer Interns

The AAG has welcomed two new interns to Meridian Place this summer. Christina Elder is an undergraduate with a double major in geography and international affairs at the University of Mary Washington. Mark Revell graduated from George Washington University in May 2010 with a master's degree in geography.

Christina's studies emphasize cultural and political geography with a concentration in the Middle East. Her interests include languages, ethnic diasporas, social justice, and society in relation to geography. After graduation she eventually hopes to travel, study, and document communities of African descent in the



Elder



Revell

Middle East. She'd also like to work in the government or non-profit sector with an international focus. While working as an intern for the AAG, Christina has assisted with research for the Annual Meeting,

helped to update the website, assisted with newsletter production, and provided support for grants and contracts.

Mark's focus is on urban geography with emphasis on land use/urban planning and urban sustainability. He would like to pursue a career in policy or research for a government agency or non-profit organization in Washington, D.C. This summer, Mark is assisting with a variety of geography education projects including the EDGE program, working on the careers database, updating member profiles, and assisting with other AAG projects. ■

From the Meridian continued from page 2

- marine environments (oil spill impacts, other persistent pollution, fisheries, ocean transport)
  - hydrology (flows and observations)
  - land use/land cover change
  - location-based services (LBS)/mobile GIS/navigation
  - homelessness and poverty research
  - health (epidemics, disease transmission)
  - disaster response, crisis mapping
  - crime analysis and mapping
  - dynamics of urban renewal/decay
  - dynamics of the global financial system
  - wars, revolutions, and military activities
  - flows of labor and trade in a global economy
  - transportation (information, materials, people)
  - refugee populations
- *Education and the GIS workforce using space-time analysis, such as:*
    - Needs of business, nonprofit, governmental, and academic organizations for expertise

- Opportunities and pathways to educate geographers and GIScientists (students to mature GIS professionals) in new research techniques, tools, and concepts

If you are interested in presenting a paper or poster in this Time-Space Research Symposium, please go to [www.aag.org](http://www.aag.org), to register for the conference and submit your abstract by **October 15, 2010**. Indicate "Temporal" as one of your keywords. Also email a copy of your abstract submission page to Megan Overbey at [moverbey@aag.org](mailto:moverbey@aag.org).

For more information on the symposium, see [www.aag.org/giscience-research](http://www.aag.org/giscience-research), or contact Jean McKendry at [jmckendry@aag.org](mailto:jmckendry@aag.org). Initial organizers of the symposium include Mike Goodchild, Doug Richardson, Mei-Po Kwan, Luc Anselin, Michael Gould, Elizabeth Wentz, and Jean McKendry.

In addition to this featured Space-Time Research Symposium, other special themes of the AAG Seattle meeting will include session tracks focused on Asian Geographies

and Research Collaborations; on Geography and Public Health; on Diversifying our Discipline; and on Geography Education and the Changing Role of Universities in today's globalizing societies. These and hundreds of other cutting edge research and educational sessions will be organized by the AAG, its members and its specialty groups in the months ahead for the AAG Seattle meeting. The AAG Annual Meeting, with 8,000 attendees from over 60 countries, is one of the most dynamic, substantive, and innovative geography research and scholarship events in the world. I hope you will join us in 2011 in Seattle, one of my favorite cities. ■

Doug Richardson  
[dritchardson@aag.org](mailto:dritchardson@aag.org)

## Honorary Geographer Nominations

Nominations for the 2011 AAG Honorary Geographer are now being solicited. Each year, this designation recognizes excellence in research, teaching, or writing on geographic topics by a non-geographer. Nominations should include the complete name and address

of the nominee and a concise (500 words maximum) yet specific description of the accomplishments that warrant the nominee's selection as an AAG Honorary Geographer. Biographical and bibliographical information not included in the statement should not exceed six

additional pages of text. Digital submissions to [grantsawards@aag.org](mailto:grantsawards@aag.org) are preferred. For more details and a listing of past AAG Honorary Geographers, see [www.aag.org/cs/honorary-geographer](http://www.aag.org/cs/honorary-geographer). Nominations are due no later than **September 15, 2010**.

# Dangermond, Liverman Awarded Royal Geographical Society Gold Medals

Jack Dangermond, president of the Environmental Systems Research Institute, Inc. (ESRI), in Redlands, California, and Diana Liverman, co-director of the Institute of the Environment and professor of geography and development at the University of Arizona, have been honored with gold medals by the Royal Geographical Society (RGS).

Dangermond received the Patron's Medal for the "encouragement and promotion of geographical science and discovery." Liverman received the Founder's Medal for "encouraging, developing and promoting understanding of the human dimensions of climate change." Each award received the approval of Queen Elizabeth II. A number of notable geographers have received RGS gold medals previously, including Alfred Russel Wallace (1892), William Morris

Davis (1919), Sir Halford John Mackinder (1945), and David Harvey (1995). RGS gold medals were first presented in the 1830s.

Dangermond received the Patron's Medal for "his extensive work promoting geographical science through the development of geographic information systems" and his "advocacy of geography and its key role in understanding and responding to many of the challenges of the twenty-first century," according to the citation.

"I am honored to be a recipient of the Royal Geographical Society's Patron's Medal and join its group of explorers and geographic scientists," said Dangermond. Past recipients of the Patron's Medal include Roald Amundsen, Sir Edmund Hillary, Richard Leakey, Jacques Cousteau, and Sir David Attenborough.

Liverman is currently co-chair of a National Research Council panel, Informing Effective Decisions and Actions Related to Climate Change, one of the NRC's suite of "America's Climate Choices" studies. She is also a visiting professor of environmental policy and development at the School of Geography and Environment, and Senior Research Fellow at the Environmental Change Institute,



Dangermond

both at Oxford University. Last year, Liverman helped organize a series of conferences on climate change, including a science conference in Copenhagen prior to the United Nations climate negotiations, a meeting to bring scientists and artists together in Oxford and a workshop on climate change and food security.

Liverman received her award, presented by RGS president Michael Palin, during a June 7 ceremony in London. "I was surprised and incredibly touched by this award and its role in the history of geographical thought and exploration," she said.

Dangermond received a master of science degree in landscape architecture from the Graduate School of Design, Harvard University, and has been awarded several honorary doctorates. In 2007, he and his wife Laura were presented with the AAG Presidential Achievement Award for "their pioneering efforts in the field of GIS, and for their generosity toward many worthy social and educational programs in geography."

More information on the Royal Geographical Society and its list of current awardees may be found at [www.rgs.org](http://www.rgs.org). ■



Diana Liverman with RGS President Michael Palin.

*Annals Editor continued from page 1*

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

The section editor will work in coordination with the AAG Journals Managing Editor, located at the Meridian Place AAG office in Washington, DC. The Managing Editor 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 People, Place, and Region section should be accompanied by a complete curriculum vitae. Nominations and applications

should be submitted by **September 20, 2010**. Please 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 may be submitted electronically to [rmaier@aag.org](mailto:rmaier@aag.org). ■

**AAG Enhancing Diversity Award nominations are due by September 15, 2010**

(See page 32 for details or visit [www.aag.org](http://www.aag.org))

# AAG Holds International Climate Change and Hazards Institute

Co-organized by the AAG with a number of partnering institutions, the Institute for the Integration of Research on Climate Change and Hazards in the Americas recently convened in Panama City, Panama. Held June 14-25, 2010, the conference sought to span national borders and bridge disciplinary boundaries to explore how advanced technologies and tools might be improved to benefit climate change science and hazards research, and better inform the public of the coming challenges and a range of possible responses.

While recent high-profile natural disasters have increased public awareness of global climate change and its effects, the processes by which climate undergoes change remain difficult to grasp for the general public. As the growing number of extreme weather events and natural catastrophes continue to make news, the complexity and uncertainty of scientific concepts, methods, and models continue to complicate communication about the subject. As a result misconceptions persist within classrooms, boardrooms, living rooms, and legislative arenas.

Facing this challenge, four dozen climate change scholars and practitioners from a variety of disciplines and countries (Canada, U.S., Mexico, Panama, Trinidad, Jamaica, Costa Rica, Colombia, Ecuador, Peru, Chile, Argentina and Brazil) came together at the Institute to generate discussions on how to better bridge the gaps between their respective sciences. These discussions explored how to better educate the public sector

about climate change and related hazards, generated information on how to improve current scientific tools, discussed strategies to better manage hazards today and in the future, and generated a more thorough understanding of hazards and risk assessment in the context of increasing global climate change. The complexities and uncertainties of climate change science were addressed and became one of the major themes of the Institute.

Participants learned about and practiced different teaching methods which could be used in both formal and informal settings to better explain to the public what climate change is, how it works, and what they can do to better prepare for it. Hands-on sessions addressed how to better convey climate change information to the public in areas where access to the Internet and other advanced technologies is limited. Sessions were conducted in both English and Spanish and emphasized sharing perspectives and experiences from across the Americas.

Participants organized into five working groups generated ideas about potential future studies. Working groups were composed of individuals from different parts of the Americas and from different disciplines. Each group identified new areas of research in geography, urban planning, engineering, communication, and other disciplines, and presented these ideas on the campus of the Technological University of Panama. An integrated research agenda will be published and made available to the public in the fall.

Many more scholars and students participated in the Institute as lectures and work-group presentations were broadcasted online via webcast and through the collaboratively authored (wiki) knowledge environment. In the days leading up to and during the event the site received over 10,000 page views and 1,740 visits by more than 446 persons from 20 countries.

The Institute for the Integration of Research on Climate Change and Hazards in the Americas was funded by the National Science Foundation under their PanAmerican Advanced Studies Institute (PASI) program and was organized by the AAG in conjunction with the PanAmerican Institute for Geography and History of the Organization of American States, the U.S. Geological Survey, the National Communication Association, and the United Nations Environment Program for Latin America and the Caribbean. The Technological University of Panama (UTP) hosted the Institute, contributing logistics, venue, and most importantly, engaging university research staff as participants. Participants were welcomed at the opening of the conference by the Minister of Science, Technology and Innovation; the Rector of UTP; the Science Officer of the U.S. Embassy in Panama, and officials from the Organization of American States and the United Nations.

More about the Institute is available at <https://sites.google.com/a/aag.org/c2heke/home>. ■

## Nystrom Award Competition

A fund established by former AAG Executive Director J. Warren Nystrom supports an annual prize for a paper based upon a recent dissertation in geography. Papers submitted for the Nystrom Award must be based on a recent dissertation in geography

and must be presented at the upcoming AAG Annual Meeting. Eligibility is restricted to persons who have received a PhD since April 2008 and who were full AAG members in 2008, 2009, and 2010. Submission deadline for papers is **September 15, 2010**.

Guidelines for submitting papers for this award differ substantially from those for other papers. Applicants for the Nystrom Award should carefully review all details online at [www.aag.org/cs/nystrom](http://www.aag.org/cs/nystrom) well in advance of the September 15 deadline.

## AAG Organizes Joint U.S.-Egypt Urban Sustainability Conference

The Association of American Geographers (AAG) recently joined with other partners to organize the conference, "Space Technology and Geo-Information for Sustainable Development." Held June 14-17, 2010, in Cairo, Egypt, the conference was part of the AAG's ongoing "Geoinformation for Sustainable Urban Management" initiative.

The conference took place one year after President Barack Obama's "new beginnings" speech at Cairo University in which he described his vision of a renewed relationship between the West and the world's Muslim communities and announced his administration's commitment to pursue greater engagement in science and technology in both domestic and international affairs. This conference was an example of those collaborative endeavors.

Forty-two papers were presented on applications of remote sensing and GIS to water resources management, agriculture, geology, archeological research, urbanization, and space weather. The event brought together scientists, technical experts and representatives of international organizations, U.S. and Egyptian government agencies, and universities and research institutes. The U.S. government was represented by Department of State, National Oceanic and Atmospheric Administration (NOAA), National Aeronautics and Space

Administration (NASA), and the U.S. Agency for International Development (USAID).

The conference had the following objectives: (1) provide a forum for Egyptian policy-makers to discuss with international, regional and local experts use of geospatial tools and information to address a broad range of planning and management problems; (2) identify research questions and research projects of mutual interest to promote future collaboration between U.S., international and Egyptian scientific stakeholders; (3) present results, analyses, and directions for the use of small satellite data specifically related to Egypt-Sat1 and similar category satellites; and (4) provide current information on GIS and GPS technology and their application in Egypt in areas of sustainable development.

The conference included an agreement on data sharing between Egypt's space agency and the Regional Center for Mapping Resources for Development (RCMRD) based in Nairobi, Kenya; a presentation by the NASA Admin-

istrator, Charles Bolden, and a list of priority future research projects prepared jointly by U.S. and Egyptian scientists, which will be presented to the Board of the U.S.-Egypt Joint Fund on Science and Technology Cooperation for additional funding consideration as part of the "U.S.-Egypt Year of Science 2011."

In addition to the AAG's role as primary organizer, other members of the public-private partnership providing financial and in-kind support

included the U.S. Department of State's Bureau of Oceans, Environment and Science; Egypt's National Authority for Remote Sensing and Space Sciences (NARSS); the U.S. Department of Housing and Urban Development (HUD); the Environmental Systems Research Institute (ESRI); and Trimble Navigation, Ltd.

Details of the conference, including meeting agenda and papers, are available on the AAG website under the heading "Geoinformation for Sustainable Urban Management" at [www.aag.org/cs/projects\\_and\\_programs](http://www.aag.org/cs/projects_and_programs). ■



Charles Bolden, NASA Administrator, addresses the Cairo Workshop. Also pictured (L to R): F. Echavarría (DoS) and A. Dessouki (NARSS Chairman).

## Two Education Reports Released

### Graduate Education

The Commission on the Future of Graduate Education in the United States recently released the report, *The Path Forward: The Future of Graduate Education in the United States*. The report maintains that graduate education is key to U.S. global competitiveness, but that the current system is vulnerable to losing ground as a world leader in education and research if a national strategy to increase degree completion and broaden participation is not adopted. Among other recommendations, the CGS report calls for the National Endowment for the Humanities to undertake a study of the role of the

humanities in the 21st century economy. The report also includes recommendations for universities, industry, and government to ensure that graduate school is a viable option for a growing number of U.S. citizens. The commission is a joint effort between the Council of Graduate Schools and Educational Testing Service. The report is available at [www.fgereport.org](http://www.fgereport.org).

### Education Statistics

The National Center for Education Statistics (NCES), the primary federal entity for collecting and analyzing data related to education, has released the report *The*

*Condition of Education 2010*. NCES is mandated to report to Congress and the President on the condition of education by June 1 of each year. The 2010 report presents 49 indicators on the status and condition of education in the U.S. (more than 100 indicators are available online). This year's report includes indicators in six main areas: special section on high-poverty schools; participation in education; learner outcomes; student effort and educational progress; the contexts of elementary and secondary education; and the contexts of postsecondary education. The full text of the report is available at <http://nces.ed.gov/programs/coe>. ■

## Another Critical “Tipping Point” Looms

In the March 2010 edition of the AAG Newsletter, AAG President Carol Harden discussed a “tipping point” for geography focused primarily on climate change. However, there is another tipping point issue that poses a challenge to our way of life and our species, an issue that is the root cause of other crises the human family is facing. Humans depend on arable land (and fresh water) for most of their food, and based on the Earth’s endowment of arable land the world is very overpopulated now and becoming more so. Overpopulation is the other tipping point issue.

The Earth’s “carrying capacity” for humans can be estimated. The CIA reports that the Earth (in 2005) had about four billion acres of arable land. Agriculturalists and nutritionists estimate that an average of one acre of arable land is needed to supply adequate food and fiber for one person. On that basis, the Earth has been overpopulated since the mid-1970s, when world population also was four billion. World population now is 7 billion, with about a billion of our global neighbors (many in Africa) at starvation level.

A number of books and articles have been written since the 1960s about the Earth’s overpopulation problems, and in 2002 Gigi Richard wrote an article (*ILEA Newsletter*, winter issue) summarizing fourteen such studies by experts. The studies were made based on very different assumptions. The median low estimate (of those studies) of the Earth’s carrying capacity for humans was 2.1 billion and the high median was 5 billion, both far below the present world population. None of the studies Richard cited was based on the Earth’s limited arable land.

Thomas Malthus has been a controversial figure in demographic matters because of his 1798 publication that presented this concept: numbers of living things can increase geometrically; their food supply increases

only arithmetically. With the onset of the Industrial Revolution (and other technological revolutions) Malthus’ study as it related to humans has been vilified for two centuries.

It is well understood that among our wild cohabitants on this planet there are wide swings in their numbers depending of changes in their local food supply. However, for the last two centuries things have been different for humans. Impressive advances in medical technology have sharply reduced the death rate. During these same centuries new agricultural machines and chemicals have increased the world’s food supply and new transport technologies move quantities of food around the world. The result? World population has steadily increased—geometrically.

In contrast to the rest of the world, those living in industrialized countries now live longer, and more infants are surviving. Population gains since the Industrial Revolution do not invalidate Malthus’ concept; new technologies have simply delayed its functioning for well over a century. During that time most scientists and the public have been lulled by new technological advances that increase food production and help support more and more people, and there are many clues indicating that “an adequate food supply for all” is not guaranteed in the near future.

World population continues to grow steadily but the Earth’s endowment of arable land and fresh water is decreasing. Arable land is being degraded by modern high-tech farming methods and is actually being reduced by nearly one percent each year by wind and water erosion and conversion to other uses. Ground water supplies are not only becoming more polluted, some also are not being recharged. Further, there is little chance that climate change will open new tracts of land suited for growing food crops for humans. The bottom line: For many reasons our high-

tech agriculture is not sustainable. Human numbers and activities have overwhelmed the Earth’s natural systems.

“Population stabilization” is not enough. But how can Earth’s population be reduced from 7 billion to about 4 without draconian measures? Gigi Richard’s article gives no clue. Intensive education of the public about this issue is the key. Every “Green” organization should strongly support family planning and population control because overpopulation is the cause of degrading Earth’s ecological systems and the decimation of our non-human neighbors on this planet. Prospective parents should be encouraged to delay having children until they are financially and psychologically ready to support (fewer) children to adulthood. And abortion should be a woman’s choice and accepted.

There are a few hopeful signs: Programs to educate women about family planning and business management are happening. And it is encouraging that at recent meetings of the “Parliament of World Religions,” representatives of all world religions have met to discuss water and natural resource issues and human rights—and not divisive religious issues.

It is foolishness for the media, the public and our leaders to ignore the overpopulation issue and apparently depend on new technologies that may (or may not) come along in time to solve the Earth’s food production limitations—and other overpopulation-related issues including poverty, energy, climate change, human rights, etc. ■

David E. Christensen  
Emeritus Professor of Geography  
Southern Illinois University, Carbondale

David E. Christensen is the author of two books about overpopulation, *Earth is Overpopulated Now* (2007) and *Two Elephants in the Room* (2010).

### 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.*

# Washington Monitor

## Nation's Governors to Focus on Higher Education

At the recent Annual Meeting of the National Governors Association (NGA) in Boston, West Virginia Governor Joe Manchin (D), the incoming chair of the NGA, announced that the organization will spend the next year focusing on higher education.

Chairs of the NGA serve a year-long term as head of the organization and pick a lead policy area for their tenure. Manchin selected higher education issues as his focus and has entitled his initiative *Complete to Compete*. The nation's governors will discuss this topic at their 2011 Winter and Annual Meetings – as well as in several special sessions on the issue being organized by NGA staff.

*Complete to Compete* will specifically focus on two areas of higher-ed policy: 1) the need to increase college completion and degree attainment rates; and 2) increasing the productivity of public institutions of higher education. A key subtopic within the initiative is on developing a higher-skilled workforce – a goal that will no doubt resonate with Geography and GIS Departments around the country.

In introducing *Complete to Compete*, Manchin noted that while the United States was once the global leader in higher education attainment, we have been surpassed by about a dozen other nations. And while we still have an excellent higher-ed system, "far too few of our students complete their education and receive a degree or certificate."

Manchin also asserted that "in (our) knowledge-based economy, two-thirds of all jobs will (ultimately) require a higher-education credential or degree." He noted that the NGA and the states have been the leaders in rebuilding the nation's K-12 education system and that "the time has come for governors, higher education executives, and campus leaders to work together to make marked improvements in college completion and productivity."

Manchin pointed to costs as a key hindrance to efforts to promote higher-ed

attainment. In the last 20-25 years, state support for higher education has grown by \$50 billion across the U.S., but despite this, tuition costs have risen more than 500 percent. This has constrained the ability of many students to complete a degree in a timely manner. Manchin blamed this disconnect in part on state policies that generally reward enrollment levels as opposed to graduation rates or institutional performance.

Ultimately, the goals of *Complete to Compete* include:

- Developing a series of best practices and a list of policy actions governors can take to achieve increased college completion;
- Providing support to states to design policies and programs that increase college completion and improve higher education productivity and serve as models for other states around the country; and
- Holding a learning institute for governors' senior advisors in education, workforce and economic development focusing on successful state strategies to graduate more students and meet workforce demands.

The death of West Virginia Senator Robert Byrd (D) and Governor Manchin's resulting political situation could ultimately complicate the NGA's work on *Complete to Compete*. Under the terms of a new West Virginia law passed after Byrd's death, an election will be held in November to fill the final two years of Byrd's term. Manchin currently enjoys sky-high approval ratings in West Virginia and he is likely to run for the seat. If he ultimately departs the Governor's mansion for the U.S. Senate, the chairmanship of the NGA would go to a fellow Democratic governor to be determined at the time the vacancy arises.

## Census 2010: An Update

I recently had an opportunity to talk to Tim Trainor, Chief of the Geography Division at the U.S. Census Bureau, to get an update on Census 2010. Here are the highlights:

- The enumeration was conducted on April 1 – Census Day – but there are still field operations ongoing.
- The last efforts are currently underway to get completed questionnaires from non-responders.
- The participation rate from the mailout was 72%. Subsequently, enumerators have collected questionnaires from most of those who did not respond.
- The Geography Division is currently evaluating higher-level geographic areas, for which statistical data will be available, prior to delineating census tabulation blocks.
- The Geography Division has asked local governments to evaluate their legal boundaries on provided products and inform the Bureau of any necessary changes.
- The Division is also in the process of evaluating "Census designated places" – these are areas generally submitted by planning organizations that don't have legal boundaries but are known communities.
- By December 31, 2010, the Bureau will deliver the population of each state- for Congressional apportionment to President Obama.
- In February 2011, the Bureau will begin delivering Census block population data to the respective states so that the redistricting process can begin. The Bureau aims to get data to states that have earlier redistricting deadlines first. All redistricting data must be delivered by April 2011.
- The ongoing American Community Survey (ACS) has replaced the traditional long-form questionnaire for Census 2010

Thanks to Tim for taking the time to talk with me, and I will continue to provide updates on key Census 2010 news in this column. ■

John Wertman  
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**National Council for Geographic Education (NCGE) Conference will be held September 29-October 3 in Savannah, Georgia. [www.ncge.org](http://www.ncge.org).**

Tacoma and Everett had equally favorable (or unfavorable) sites. Even though the Northern Pacific Railroad reached Tacoma first, and the Great Northern's western terminal was Everett, Seattle's entrepreneurship and political skills led it by 1890 to claim supremacy, less than 40 years after it was settled.

Seattle's micro-geography was and still is problematic from a settlement and transportation point of view, featuring either hills or soggy wetlands punctuated by inconvenient lakes. But at a larger scale Seattle was central to a stupendous natural resource of millions of acres of virgin forest which became the dominant base for the economy until around 1930, supplying timber for California and to the east via three

transcontinental railways. The messy topography always required and still forces out-sized investments in bridges, ferry systems, and the leveling of hills and the filling of wetlands—no problem before recent decades.

## Settlement

What should the visiting geographer know about the 3½ million inhabitants of greater Seattle? We'll start with the geographic pattern of settlement. The urban imprint is highly linear, extending 60 miles from Arlington, Snohomish County, in the north, through Seattle, on through Tacoma to Fort Lewis, which provides a blessed barrier to joining up with Olympia. Settlement is stopped by Puget Sound on the west, although a quarter of a million people reside across the Sound in Kitsap County. Settlement is stopped to the east by working forests and protected lands in the Cascade Range, and recently by publicly accepted urban growth controls.

The overall pattern of settlement is very typical of large American metropolises: a relatively dense core dominated by apartments; a large belt of mixed single family and multi-family housing, with most of the population; and a farther large fringe belt of lower density, newer suburbia, including our share of



Seattle is a city of surprises. This "lifesize" giant troll has been lurking under the Aurora Bridge since 1990.

CREDIT: WIKICOMMONS

classic sprawl. Inner Seattle is the largest more "new urbanist" zone, but it is rivaled by inner Tacoma and especially by Bellevue, a classic and very successful "Edge City" with its own skyline. For comparison, greater Seattle is very much a smaller San Francisco Bay area, similar in spatial structure to Portland or Minneapolis. As the population came to fear loss of open space and environmental damage, it came to accept strong growth management after 1991. While these efforts have succeeded in encouraging redevelopment and some concentration, honesty requires us to admit that, like Portland, the large majority of both population and job growth remains suburban.

## People

The population of the region is moderately young, despite low fertility rates, because it attracts large numbers of young adults. Shares of persons 18-40 are thus well above average, shares of the very young and very old below aver-

age. Household structure is definitely different. Percentages of traditional husband-wife families with children are low, those of singles and especially "non-family households with two or more persons"—that is roommates, and partners, both opposite and same sex—far higher than the U.S. average. This is most true of the city of Seattle. But because of the large share of persons 20-50, there are large numbers of children, mainly in the suburbs and exurbs.

Relative numbers of owners and renters, or of persons living in detached houses or smaller or larger apartment structures, are not unusual. The strong preference of families for single family homes conflicts with the containment goals of growth management. That desire, together with the extreme rise of housing values during the financial bubble, perversely led to shifts of the less affluent to more affordable housing in some far suburbs, and thus increased commuting.

Greater Seattle, again like Portland and Minneapolis, has a far higher white, non-Hispanic population than the nation, with much higher shares of Asians (including many recent immigrants) but much lower shares of Blacks and of Hispanics. The metropolis does have fairly high percentages of those with more than one race, especially the city of Tacoma. Levels of segregation are rather low and falling as traditional



Seattle is the home of Starbucks. Pictured is the original store, opened in 1971.

CREDIT: EDENIEMARCADEIRO.COM

No Ordinary Joe from page 10

Black populations are displaced by gentrification.

The Seattle area was traditionally a "middle-class" worker city without a lot of conspicuous poverty or wealth. Even today, inequality is not extremely high, because of the absence of a large underclass and because of the structure of the economy and of wages. Still, segregation by class is much greater than for race, and inequality increasingly takes the form of areas of extreme wealth, in

the city as well as the suburbs. The city of Seattle is unusual in that it exhibits higher median household and family incomes than most of its suburbs. Gentrification has been occurring since the 1970s and continues apace. Anecdotally, at least, we are told that "Microsoft millionaires" like to live in the central core even while reverse-commuting to the campus in the northeastern suburb of Redmond. Not surprisingly, the richest areas tend to be waterfront, view or both.

### Culture

Seattle was not historically viewed as a center of culture, high or low. It has been known for a vibrant musical scene, including jazz, folk, and blues, and more recently the grunge movement. Today the city offers a wonderfully varied and vibrant selection of cultural opportunities in-

cluding film festivals, dance programs, and literary events. The Experience Music Project and the Science Fiction Museum are housed together under one roof on Fifth Avenue, and many other institutions such as the Seattle Art Museum, the Frye Art Museum, and the Pacific Northwest Ballet have increased the cultural profile of the city. Perhaps most important in bringing international acclaim to Seattle's cultural scene in recent years has been the growing reputation of Seattle Opera's performances of Wagner's Ring Cycle, which draw audiences from all 50 states and more than 20 countries.

And then of course, if Wagner is not your cup of tea, there is always the coffee. Enjoy! We hope to welcome you here for the AAG Annual Meeting, the first in our city since 1974. ■

Richard Morrill and William Beyers  
University of Washington



CREDIT: SEATTLE OPERA

Seattle Opera has presented world-renowned productions of Wagner's Ring Cycle since the 1970s.

## Grants & Awards Received

The AAG recently presented certificates to **Alison Mountz** of Syracuse University and **Shaowen Wang** of the University of Illinois-Urbana at Champaign in recognition of their receipt of National Science Foundation CAREER Awards. The NSF program for Faculty Early-Career Development (better known as the CAREER program) recognizes and supports the early career development activities of those teacher-scholars who are likely to become academic leaders of the 21st century. CAREER awardees are selected through a highly competitive process on the basis of creative career-development plans that effectively integrate research and education over five years and within the context of their institutions' missions. One of NSF's Geography and Spatial Sciences program directors, Tom

Baerwald, presented the awards to Alison and Shaowen at the AAG Annual Meeting in Washington, D.C.

**Caroline Nagel**, University of South Carolina, has received a Fulbright scholar award for teaching and research. During the 2010-2011 academic year, she will be based at the American University of Beirut, where she will be teaching human geography courses and conducting primary research. Her research project, briefly, aims to move beyond accounts of Lebanon's divisiveness and to explore the ways that people from different sectarian backgrounds imagine themselves, however ambivalently or ambiguously, as citizens of Lebanon. At a more theoretical level, this research calls attention to the 'vernacular' understandings of citizenship that people develop in the

course of day-to-day living. As in many Western countries, the Lebanese state has recently deployed citizenship discourses oriented around notions of social cohesion, individual rights and responsibilities, and moral values. This research explores the extent to which these official discourses of citizenship are meaningful or 'real' to people whose lives are organized socially and spatially around sectarian and class differences.

**Curt Holder**, Department of Geography and Environmental Studies, University of Colorado at Colorado Springs, has been awarded an NSF grant for \$97,831 for a project entitled, "Leaf hydrophobicity and canopy storage relationships of common species in semi-arid environments of the western United States." ■

## Books Received

Backhouse, Roger E. & Fontaine, Philippe, eds. *The History of the Social Sciences Since 1945*. New York: Cambridge University Press, 2010. 256 and 10 pp., \$25.99, ISBN 978-0-521-71776-2.

Barber, Peter & Harper, Tom. *Magnificent Maps: Power, Propaganda and Art*. London: The British Library, 2010. 176 pp., \$44.00, ISBN 978-0-7123-5092-1.

Baylor, Katharine J. *California Rocks: A Guide to Geologic Sites in the Golden State*. Missoula, MT: Mountain Press, 2010. 114 and 9 pp., \$16.00, ISBN 978-0-87842-565-5.

Clemmer, Gina. *The GIS 20: Essential Skills – a practical guide to the skills essential to mastering ARCGIS*. Redlands: ESRI Press, 2010. 155 pages, \$39.95. ISBN: 978-1-5894-8256-2.

Cloutier-Fisher, Denise et al., eds. *Health and Aging in British Columbia: Vulnerability and Resilience*. Victoria, BC, Canada: Western Geographical Series, Vol. 43, 2009. 379 and 17 pp., n.p., ISBN 978-0-919838-33-8.

Cochrane, Feargal. *The End of Irish America? Globalisation and the Irish Diaspora*. Portland, Oregon: Irish Academic Press, 2010. 221 and 18 pp., \$74.95, ISBN 978-0-7165-3018-3.

Couso, Javier A. et al., eds. *Cultures of Legality: Judicialization and Political Activism in Latin America*. New York: Cambridge University Press, 2010. 287 and 12 pp., \$85.00, ISBN 978-0-521-76723-1.

Crush, Jonathan & Frayne, Bruce, eds. *Surviving on the Move: Migration, Poverty and Development in Southern Africa*. Cape Town: Idasa and Midrand and DBSA, 2010. 242 and 8 pp., \$30.00, ISBN 978-1-920409-09-8.

Devlin, Ann S. *What Americans Build and Why: Psychological Perspectives*. New York: Cambridge University Press, 2010. 301 and 14 pp., \$27.99, ISBN 978-0-521-73435-6.

Fagan, Andrew, compiler. *The Atlas of Human Rights: Mapping Violations of Freedom Around the Globe*. Berkeley: University of California Press, 2010. 128 pp., \$21.95, ISBN 978-0-520-26123-5.

Franklin, Janet. *Mapping Species Distributions: Spatial Inference and Prediction*. New York: Cambridge University Press, 2009. 320 and 18 pp., \$60.00, ISBN 978-0-521-70002-3.

Glazner, Allen F. & Stock, Greg M. *Geology Underfoot in Yosemite National Park*. Missoula, Montana: Mountain Press Publishing Co., 2010. 299 and 8 pp., \$24.00, ISBN 978-0-87842-568-6.

Imbroscio, David. *Urban America Reconsidered: Alternatives for Governance and Policy*. Ithaca, NY: Cornell University Press, 2010. 221 and 15 pp., \$19.95, ISBN 978-0-8014-7565-8.

Kelly, Sheila. *Treadwell Gold: An Alaskan Saga of Riches and Ruin*. Fairbanks, AK: University of Alaska Press, 2010. 271 and 14 pp., \$35.00, ISBN 978-1-60223-75-0.

Macgregor, Lyn C. *Habits of the Heartland: Small-Town Life in Modern America*. Ithaca, NY: Cornell University Press, 2010. 270 and 10 pp., \$22.95, ISBN 978-0-8014-7643-3.

## AAG ADVANCING GEOGRAPHY FUND

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## The Left-Coast Liberal

In the coming months, "Focus on the Pacific Northwest" will highlight various aspects of the city of Seattle and the surrounding region in anticipation of the 2011 AAG Annual Meeting, to be held April 12-16 at the Sheraton Seattle Hotel and the Washington State Convention Center in Seattle, Washington. The AAG conference website is available at [www.aag.org/cs/annual\\_conference](http://www.aag.org/cs/annual_conference). See pages 16-17, this issue, for the call for papers.

Metropolitan Seattle (especially the city itself) exemplify what some call the "left coast liberal." In fact, the Seattle area has a long history of radicalism, with the rise of the Wobblies early in the 20<sup>th</sup> century, the election of pacifist and communist sympathizer Anna Louise Strong to the Seattle School Board (1916), the only general strike in U.S. history (1919), the country's first elected woman mayor, Bertha Landes (1926), and the creation of not only municipal water and transit systems, but a giant municipal power utility which owns dams as far away as Idaho. Neighboring Tacoma and Everett, both working-class industrial port cities, also have histories that include strong radical moments, such as the 1934 Longshoreman-led waterfront strikes that shut down ports up and down the west coast.

In the post-WWII era, Seattle and Washington State emerged as centers of progressivism in what would come to be known as the "culture wars." The first large-scale health care cooperative in the country, Group Health, was founded in Seattle in 1945. The city was also an early base for Planned Parenthood. Later, city voters led the state twice (1970 and 1991) in successful campaigns to enact, and then affirm, the right of women to choose abortion. The city enacted one of the country's first gay-rights ordinances in 1973, and the state repealed its sodomy law in 1976. Most recently, Seattle has led the state in recycling, in "green" building and in the pursuit of "smart growth."

Washington was once dubbed "the Soviet of Washington" by Postmaster General James Farley, in 1936. However the state's and the city's electoral politics became much more moderate and competitive beginning in the 1950s. As recently as 1972 the city of Seattle voted (narrowly) for the Republican presidential candidate, Richard Nixon. Since then, as American

politics have moved steadily rightward, the city has again distinguished itself as the core of the left/liberal Democratic base in Washington State. Most recently, Seattle cast an astounding 84% of its vote for Barack Obama. In the same election, the city and core region provided the votes to pass Initiative 1000, a "Death with Dignity" (physician-assisted suicide) bill.

Then in 2009, Seattle again led the state by popular vote to accept "everything but marriage" domestic partnership rights for same-sex (and elderly opposite-sex) couples. Seattle does have a large and articulate lesbian, gay, bisexual and transgender (LGBT) population, and the city itself, with less than 10% of state population, alone provided a big enough margin to overcome a loss in the rest of the state!

The nature of the Democratic establishment has changed here, with a decline in the laboring populist base, and its replacement by the more affluent and educated. So it is not surprising that environmental issues and social tolerance have become the symbols of liberalism, with issues of housing and jobs receding in importance. But an older kind of radicalism resurfaced in the ferocity of the "Battle in Seattle" (large street protests

against a meeting of the World Trade Organization) in 1999.



Policemen prepare to confront strikers in 1934.

CREDIT: U. WASH. LIBRARIES

What explains this radical-cum-liberal political culture? Historically, it was the rise of radical unions in the logging industry and the waterfront, with leaders "infected by socialist ideas" migrating from Scandinavia, often via the upper Midwest. Seattle has remained a union city, as have Tacoma, Everett, and many smaller cities and towns nearby. Some theories of Seattle's liberalism also include its position at the end of the railroad, the last frontier for generations of single men, and the related fact of low religious affiliation. The immense influence of the University of Washington, whose "radical" professors were once the targets of state un-American activities witch hunts, affects not only cultural and political attitudes, but has made Seattle the large U.S. city with the highest level of education. It should be noted, though, that a high level of social tolerance was already evident by the late 1960s with the rise of a large "bohemian" and then LGBT communities, each of which has reinforced the city's liberalism through selective migration of like-minded folk. ■

Richard Morrill and Larry Knopp  
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Anna Louise Strong today remains one of the most notable radicals in United States history. Originally from Nebraska, she studied in Europe and at Bryn Mawr and Oberlin College before earning a PhD in philosophy from the University of Chicago at age 23. A supporter of children's welfare, she easily won election to Seattle's School Board in 1916. The only liberal on the board, she was unable to make much headway toward reform and was recalled by a board vote after supporting a fellow pacifist who was being tried for sedition for opposing U.S. involvement in the First World War. Strong left Seattle for Russia in 1921. She became a foreign correspondent for radical American newspapers and published several books praising the Soviet experiment. Strong moved to China in 1958 and remained there until her death in 1970.



Anna Louise Strong

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### AAAS Visiting Scholars

The American Academy of Arts and Sciences Visiting Scholars Program is an interdisciplinary research fellowship housed at the headquarters of the Academy in Cambridge, Massachusetts, and is held in association with the Harvard Humanities Center. The program offers scholars the opportunity to combine independent research with active involvement in its programs and activities. Visiting scholars are invited to participate in Academy-sponsored conferences, seminars and informal gatherings, and participants also benefit from institutional partnerships with local universities, libraries, and research institutes in the Boston area. Applications are available at the Academy's website: [www.amacad.org](http://www.amacad.org). For further inquiries, contact the Visiting Scholars Office at (617) 576-5002; or by e-mail at [vsp@amacad.org](mailto:vsp@amacad.org). Deadline for applications and three letters of reference is **October 15, 2010**.

### NEH College Teaching

The National Endowment for the Humanities supports undergraduate course development through Enduring Questions Course Grants (new courses) and Teaching Development Fellowships (existing courses). What is the good life? What is friendship? What is the relationship between humans and the natural world? Enduring questions such as these have long held interest to college students and allow for a special, intense dialogue across generations.

The NEH will award Enduring Questions course grants, which support up to four college faculty members from any disciplines with up to \$25,000 to develop

a new humanities course at the undergraduate level on a question of enduring significance, to be taught at the sponsoring institution at least twice during the grant period. The application deadline is **September 15, 2010**. For more information and instructions, please see the grant guidelines at [www.neh.gov/grants/guidelines/EnduringQuestions.html](http://www.neh.gov/grants/guidelines/EnduringQuestions.html).

The NEH will award Teaching Development Fellowships to support college and university teachers pursuing research aimed specifically at improving an existing undergraduate course that has been taught in at least three different terms prior to the application deadline. The research undertaken as a part of the project may involve engaging with fundamental texts or sources, exploring related subjects or academic disciplines, or cultivating neglected areas of learning. Research in any area of the humanities is welcome. Teaching Development Fellowships cover periods lasting from three to five months and carry stipends of \$4,200 per month. Thus the maximum stipend is \$21,000 for a five-month award period. The application deadline is **September 30, 2010**. For more information and instructions, please see the grant guidelines at [www.neh.gov/grants/guidelines/TD\\_Fellowships.html](http://www.neh.gov/grants/guidelines/TD_Fellowships.html).

### ACLS Fellowships

The American Council of Learned Societies (ACLS) invites research applications in all disciplines of the humanities and humanities-related social sciences. The ultimate goal of the project should be a major piece of scholarly work by the applicant. ACLS does not fund creative work (e.g.,

novels or films), textbooks, straightforward translation, or pedagogical projects. Fellowships are intended as salary replacement to help scholars devote six to twelve continuous months to full-time research and writing. Tenure of the grant may begin no earlier than July 1, 2011 and no later than February 1, 2012. Application deadline is **September 29, 2010**. See [www.acls.org/grants](http://www.acls.org/grants) for more information and application forms.

### National Humanities Center

The National Humanities Center offers 40 residential fellowships for advanced study in the humanities during the academic year, September 2011 through May 2012. In addition to scholars from all fields of the humanities, the Center accepts individuals from the natural and social sciences, the arts, the professions, and public life who are engaged in humanistic projects.

Applications and letters of recommendation must be postmarked by **October 15, 2010**. E-mail: [nhc@nationalhumanitiescenter.org](mailto:nhc@nationalhumanitiescenter.org). Applicants should submit the Center's form, supported by a curriculum vitae, a 1,000-word project proposal, and three letters of recommendation. You may request application material from Fellowship Program, National Humanities Center, Post Office Box 12256, Research Triangle Park, North Carolina 27709-2256, or obtain the form and instructions from the Center's website: <http://nationalhumanitiescenter.org>.

The AAG offers numerous grants and awards. See [www.aag.org](http://www.aag.org) for details. ■

## Specialty Group News

### Cultural Geography SG

The Cultural Geography Specialty Group of the AAG would like to announce the following awards granted at the 2010 AAG Meeting in Washington, D.C., during the CGSG Marquee Speaker Session featuring Bret Wallach. **Lachlan Barber** (University of British Columbia), Denis E. Cosgrove Award

(PhD-level Research Grant): "Pathways to Hong Kong's Past: The Politics of Heritage in the Asia-Pacific Global City." **Margaret Pettygrove** (University of Wisconsin-Milwaukee), MA-level Grant Award: "Spatial and Cultural Dimensions of Food Access in Urban Milwaukee." **Sharon Wilcox Adams** (University of Texas), Terry Jordan Bychkov

Award (PhD-level Paper): "Spotted in the Wilderness: Documenting the Jaguar in the Nineteenth Century."

The Cultural Geography Specialty Group would also like to thank Denis Cosgrove's family, for granting its request to name its PhD-level research award in his honor. ■

### Jennifer L. DeHart

Jennifer DeHart died recently following a long struggle with cancer.

DeHart had a lifelong passion for protecting the environment and promoting sustainable living. After her graduation from Emory and Henry College in 1988 with a bachelor's degree in environmental studies, she continued at Appalachian State University and the University of North Carolina at Chapel Hill, where she earned a master's degree and a doctorate, respectively. She held faculty and research positions focusing on a major project funded by NASA to better measure, predict, and understand greenhouse gas emissions at the local to regional level.

DeHart embraced the Meadville area in 2001 when she started serving as an assistant professor of environmental science at Allegheny College, teaching courses on a variety of topics including climate change, environmental research methods, and sustainable energy. As a college professor, she enthusiastically taught about the importance of environmental sustainability.

Combining her devotion to teaching and the community, DeHart collaborated with Allegheny College students to conduct a greenhouse gas emissions inventory for the city of Meadville. Dedicated to advancing the local foods movement, she spearheaded the revitalization of the farmers' market at the Meadville Market House. She worked tirelessly to develop a strong network of area farmers and community members, ensuring the market would continue to thrive for many years to come.

### Jerome D. Fellmann

On May 29, Jerome D. Fellmann died following over 50 years of contributions to the university community and the department of geography at the University of Illinois, Urbana. He was born June 28, 1926, in Chicago.

Fellmann arrived at Urbana-Champaign in 1950, shortly after receiving his PhD from the University of Chicago. His research interests included urban and economic geography, geographic bibliography, the geography of Russia, and geographic education. In

addition to teaching and research, Fellmann served as both an associate and acting head of the department of geography in the early 1970s and served on several committees within the department, LAS, the Graduate Center (now the Russian, East European, and Eurasian Center), the Center for International Studies, and the University. Fellmann's many publications may be found in the *Annals of the Association of American Geographers*, *Professional Geographer*, *Journal of Geography*, and the *Geographical Review*. He also co-authored several editions of Mc-Graw Hill's *Introduction to Geography and Human Geography*.

Fellmann was an active member of the Association of American Geographers, American Geographical Society, Illinois Geographical Society, American Association for the Advancement of Slavic Studies, Regional Science Association, Illinois Academy of Science, and Sigma Xi. He also held visiting professorships at Wayne State University, the University of British Columbia, and California State University, Northridge. Fellmann's contributions to the department, in particular to undergraduate education, continue to be honored annually through the Jerome D. Fellmann Prize, awarded each year to a graduating senior in geography who has written a senior honors paper rated superior.

### Bruce C. Ogilvie

Bruce Ogilvie, a former longtime employee at Rand McNally in Skokie, Illinois, and chief editor of some of its best known publications, died of natural causes on Tuesday, May 11, 2010, at the age of 94.

Born in Avon, New York, Ogilvie received undergraduate degrees from the University of Maine in Farmington (1935) and Rhode Island College (1938). He was a graduate student at Clark University when World War II broke out and in 1942 joined the Office of Strategic Services in Washington, D.C. as a cartographer. He later received a direct commission in the U.S. Navy Reserve, serving as a Line Officer Afloat in the North Atlantic Theater and with the U.S. Navy Hydrographic Office in Washington, D.C. He later worked for the national mapping

division of the U.S. Geological Survey in the Department of the Interior. Ogilvie received his master's degree in 1948 and his PhD from Clark University in 1956.

During his two decades with Rand McNally, Ogilvie was chief editor and coordinator for *The Time-Life Atlas*, *The International Atlas*, and *The Children's World Atlas*. Known simply as "the geographer" at the map-making giant, he brought to creation thousands of maps, globes and atlases.

Ogilvie had recently finished an autobiography about his service in the Navy. The book, *Getting the Cargo Through: The U.S. Navy Armed Guard on Merchant Ships in World War II*, is scheduled to be published this summer. Ogilvie resigned his Navy commission in 1955 as a lieutenant senior grade and returned to Clark University to complete his PhD. During various years from 1947 until 1987, Ogilvie taught at the University of Georgia (Athens), Chico State College (California), the University of Chicago, George Mason University, and Mary Washington University. In 1978, he became Supervisory Geographer, National Mapping Division, U.S. Geological Survey, before retiring in 1986.

### Donald J. Patton

Donald John Patton, Sr., died on May 15, 2010 in Boulder, Colorado. Born May 18, 1919, in Chicago, he studied geography at Harvard University and served in the Office of Strategic Services during World War II. After earning his PhD, Patton held positions as a researcher, lecturer, consultant, and professor, working for various government agencies and universities in and around Washington, D.C. and at Colorado University in Boulder. He joined the faculty at Florida State University in Tallahassee in 1969 and retired there in 1989 with the distinction of Professor Emeritus. Throughout his professional career, Patton published many reports, articles, and book chapters. He contributed to several atlases and also served as editor of the *Professional Geographer*. Florida's water resources were a special area of interest for him, and his life's work demonstrated his love of scholarship and the earth sciences.

Information for necrologies may be sent to newsletter editor Jim Ketchum at [jketchum@aag.org](mailto:jketchum@aag.org).

# Call for Papers

## 2011 AAG Annual Meeting

April 12-16, Seattle, Washington

The Annual Meeting of the Association of American Geographers (AAG) attracts more than 7,000 geographers and related professionals from around the world. Our forum stimulates discussion about research, education, accomplishments, and developments in geography. Your participation is most welcome and encouraged.

The 2011 Annual Meeting will be held at the Washington State Convention Center and the Seattle Sheraton Hotel in Seattle, WA, April 12-16, 2011. If you are interested in submitting a presentation, please read the following guidelines carefully.

The AAG Annual Meeting accepts all submitted abstracts for presentation. Please direct any questions you may have about these guidelines to Oscar Larson at [meeting@aag.org](mailto:meeting@aag.org). Abstracts and Sessions must be submitted online at [www.aag.org/cs/annual\\_conference](http://www.aag.org/cs/annual_conference) by **October 20, 2010**, but we encourage you to register and submit online today, as registration is now open.

**New Presentation and Panelist Rules for AAG Conferences.** The AAG Council has implemented new rules pertaining to the number of times someone may appear in the Annual Meeting program. As of the 2010 conference, you may present one paper and be a panelist in one other session, or you may elect not to present a paper, and appear as a panelist twice. You may still organize multiple sessions.

### PRESENTATIONS

Presenters may give **one, and only one**, of the following presentations:

- Paper
- Interactive Short Paper
- Poster Presentation
- Illustrated Paper

Your presentation should describe the purpose, methods, and conclusions of your research. No one may submit or take part in more than one presentation. Abstracts can only be submitted online after you have registered for the meeting.

### Papers

- 20 minutes per paper (time includes presentation and discussion)
- 5 presentations per session
- Digital projector provided at no charge (please bring your laptop)
- Abstract submission deadline:  
**October 20, 2010**

Each paper is allotted 20 minutes for presentation and discussion. Paper sessions are limited to five presentations.

A digital projector will be available in each meeting room; however, participants must furnish their own computers. If you require other types of audio/visual equipment, please contact Oscar Larson at [meeting@aag.org](mailto:meeting@aag.org).

### Illustrated Papers

- 3- to 5-minute oral presentation followed by discussion at individual posters
- 8 to 12 presentations per session
- AV consists of 4' x 8' poster boards only
- Abstract submission deadline:  
**October 20, 2010**

An illustrated paper is a short (3- to 5-minute) oral summary of problem, data, method, and findings presented in poster format, followed by a one-on-one or small group discussion with interested listeners at the poster. All oral summaries (8 to 12 per session) will be given at the beginning of each illustrated paper session before participants disperse to the poster boards around the room. Each presenter will post illustrations and other relevant materials on a 4' x 8' poster board supplied by the AAG.

### Interactive Short Papers

- 5-minute presentation
- 10-14 presentations per session
- Digital projector and computer with PowerPoint software is provided at no charge
- Abstract submission deadline:  
**October 20, 2010**

The format of the Interactive Short Paper (ISP) Session allows for 10 to 14 paper presentations of 5 minutes in length involving a maximum of 10 PowerPoint slides per presentation summarizing research or research in progress in a particular field, followed by a 30- to 45-minute interactive roundtable discussion among presenters and the audience. This type of session provides the audience with rapid and intensive overview of research and also allows for more in-depth discussion among presenters and with the audience. To facilitate the smooth transfer from one presentation to the next, ISP Sessions include a computer and a digital projector. There will be no overhead projector or slide projector available in ISP sessions.

### Poster Presentation

- Session consists of posters exhibited for informal browsing with opportunities for individual discussion with poster authors
- 15 to 30 posters per session
- AV consists of 4' x 8' poster boards only
- Abstract submission deadline:  
**October 20, 2010**

Use the poster format for your presentation when your material can easily be communicated visually. Each presentation should make a unified, coherent statement. Materials, both textual and visual, should be of professional quality and be clearly legible from a distance of 4 feet. Graphic materials will be displayed on a 4' x 8' poster board supplied by the AAG. Text should be limited to brief statements. Presentations consisting mostly of text are most appropriate as paper presentations.

### Nystrom Award Papers

- Abstract submission deadline:  
**September 15, 2010**

Papers submitted for the J. Warren Nystrom Award must be based on a recent dissertation in geography. Eligibility for this award is restricted to persons who have received their PhD since April 2006 and who were full members of the AAG in 2007, 2008, and 2010. The Nystrom Awards are made from a fund established by J. Warren Nystrom, former executive director of the AAG. Guidelines for submitting papers for this award differ substantially from those for other papers. Applicants for Nystrom awards should review details online at [www.aag.org/cs/nystrom](http://www.aag.org/cs/nystrom) well before the September 15 deadline.

### ABSTRACTS

Everyone who presents a paper, illustrated paper, or poster presentation must submit an abstract of no more than 250 words that describes the presentation's purpose, methods, and conclusions. Please be sure to include keywords (see abstract instructions). All abstracts must be submitted online after you have registered for the conference. Your abstract will not be edited; you are responsible for any spelling, grammatical, and typographical errors. Use the active voice for your abstract and presentation. Transmit your research results clearly and concisely. Avoid jargon.

Submission of an abstract grants the AAG permission to include it in the meeting ab-

*Continued on page 17*

stract compilation and to disseminate it electronically.

## ORGANIZED SESSIONS

Individuals, groups, and specialty groups may organize sessions at the AAG Annual Conference. Organized Sessions are a great way to bring distant colleagues together to discuss current research and to advance your field.

- Each session may list up to two organizers and one chair in the program
- Paper Sessions consist of 5 papers or 4 papers and a discussant. Each paper is expected to conform to the 20-minute time limit.
- Illustrated Paper Sessions consist of 8 to 12 illustrated papers. Refer to the illustrated paper guidelines for information on format.
- Interactive Short Paper Sessions consist of 10-14 five-minute PowerPoint presentations followed by interactive roundtable discussion. Refer to the Interactive Short Paper guidelines for more information on format.
- Panel Sessions consist of 4-6 participants. These sessions are 100-minute discussions among the panel and audience members. Formal presentations are not to be part of panel sessions.

## PROGRAM COMMITTEE ORGANIZED SESSIONS

If you choose not to participate in a pre-organized session, the AAG Program Committee will place your paper into the most germane session available. Every year the committee organizes over 1,000 loose abstracts into the most cohesive sessions possible. Please choose your topics and keywords carefully to help steer your paper into the best session.

## REQUIREMENTS FOR PROGRAM PARTICIPATION

Anyone interested in the advancement of geography may participate in our annual meeting. You are eligible to give a presentation or participate in other capacities in the program provided you are registered for the meeting. You do not need to be an AAG member to register. The AAG Council has implemented new rules pertaining to the number of times someone may appear in the annual meeting program. As of the 2010 meeting, you may

present one paper and be a panelist in one other session, or you may elect not to present a paper, and appear as a panelist twice. You may still organize multiple sessions. Anyone who participates in more than two events runs the risk of time conflicts that staff will not be able to resolve.

## REQUIRED FEES

All participants, except non-attending co-authors, must pay the appropriate participation fee before submitting an abstract. Annual Meeting registration fees may be paid online.

## ABSTRACT INSTRUCTIONS

Everyone who presents a paper, poster, interactive short paper, or illustrated paper must submit an abstract. Your abstract may not exceed 250 words and must be submitted online after you pay your meeting registration fee. The abstract must describe the presentation's purpose, methods, and conclusions. Please notice and adhere to the following format instructions for the *body* of the abstract:

- Do not put your name and affiliation in the body of the abstract.
- Do not enter the title in the body of the abstract.
- Do not use abbreviations.
- Do not use underlining, boldface type, italics, subscripts, or superscripts.
- Do not include any codes for justification, hyphenation, line height, line centering, margins, spacing, fonts, page centering, page numbering, suppression, or tabs, in your abstract.
- Do not use bulleted lists.
- Do not include phone numbers or e-mail addresses in the body of the abstract.
- Do not use all caps.

## GUIDE TO SELECTING KEYWORDS FOR YOUR ABSTRACT

Keywords may be compound (such as "political geography"). Keywords should generally be nouns instead of adjectives or adverbs. Do not use abbreviations. In creating your keywords, try to think of how someone might want to search for your topic in the abstract volume. If your presentation is about color cartography, an appropriate

keyword might be "cartography-color." Under no circumstance can you use a comma within a keyword. Make certain your geography is not too specific. For example, suppose your paper is about southwestern Kentucky. A user of the abstract volume interested in Kentucky is going to search under the letter "K" instead of "S." Therefore, use either "Kentucky" or "Kentucky-southwest" as a keyword. In referring to a systematic sub field, do use the word "geography." Use "economic geography" as the keyword and not "economic." If you have a choice between the plural and the singular form, use the plural. If your keyword could be "race" or "races," use "races."

**Sample Keywords:** cartography, atlases, United States.

## ENRICHMENT FUNDS

The Seattle Annual Meeting Program Committee will allocate a total of \$12,500 to support participation of distinguished non-geographers in the 2010 Annual Meeting. Contact the AAG office or visit [www.aag.org/cs/enrichment](http://www.aag.org/cs/enrichment) for an application form. The deadline for applications is **September 27, 2010**.

## WORKSHOPS and FIELD TRIPS

Anyone interested in organizing a workshop or field trip for the 2011 AAG Annual Meeting should contact Oscar Larson at [meeting@aag.org](mailto:meeting@aag.org). Proposals should be submitted by **November 1, 2010**. Workshops and field trips are an excellent way for participants to learn about different areas of geography in an interactive environment. We encourage you to submit your ideas for consideration.

## DISCLAIMER

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

### Annual Meeting Abstract Online Search Features

Organize your participation in the AAG Annual Meeting with our east-to-use online search features, available on the conference website. Individual abstracts may now be viewed as soon as they have been submitted, and session organizers may post their proposed sessions for viewing. Proposed sessions may be searched by all visitors seeking information on the Annual Meeting, including non-members. Anyone who is logged into the AAG website can match their abstract to sessions that have been posted and contact organizers directly about being added to a session. Session organizers can use these tools to invite presenters to their sessions or to create new sessions. The 2011 AAG Annual Meeting will be held in Seattle, Washington, April 12-16. Return frequently to [www.aag.org/cs/annual\\_conference](http://www.aag.org/cs/annual_conference) for conference updates or to search current lists of proposed sessions and submitted abstracts.

# AAG Council Meeting Minutes

Washington, DC  
April 12-14, 2010

**Attending:** Carol Harden, *President*; Kenneth Foote, *Vice President*; John Agnew, *Past President*; Nancy Wilkinson, *Treasurer*; Lisa Harrington, *Secretary*; Douglas Richardson, *Executive Director*; *National Councillors:* William Moseley (*Chair*), Amy Glasmeier, L. Allan James, Audrey Kobayashi, Marie Price, *Regional Councillors:* Cathleen McAnneny (New England-St. Lawrence Valley; *Chair*); Dagmar Budikova (West Lakes), Doug Gamble (Southeast), Alyson Greiner (Southwestern), Lisa Harrington (Great Plains/Rocky Mountains), Laurie Hummel (Middle States), Nancy Wilkinson (Pacific Coast), Antoinette WinklerPrins (East Lakes), Molly Brown (Middle Atlantic); *AAG staff members:* Candida Mannozi, Patricia Solís.

## Opening

Harden called the meeting to order and reviewed the agenda. The agenda was adopted. The minutes of the fall Council meeting had been approved via e-mail. Greiner moved that the Council reaffirm approval of the fall minutes. McAnneny seconded. The spring minutes were unanimously reaffirmed.

## President's Comments

Having charged the national councillors with thinking about challenges and opportunities facing the nation, Harden's comments focused on budgets, funding, and relationships between Geography and other disciplines. She said that her sense is that we're in a holding pattern; conditions are uncertain for a year from now, when stimulus funding dries up. This is a concern, but it also provides an opportune time for enhancing visibility. She also expressed mixed feelings about other disciplines 'creeping into our space' in human-environment subject matter. On one hand this is very affirming, but it is also unsettling: we need to be a little on our guard to avoid being eclipsed.

## Vice President's Comments

Foote stressed two points: the need for continued effort to promote good professional experiences of early career geographers as they move into both academic and nonacademic careers, and the need to be very aware of what's happening in geography education.

## Past President's Comments

Agnew touched on budget concerns, noting that they may not be as bad as they might be, but the direction of the next two to three years is quite unclear. His second point was that there are a lot of ways the different parts of geography can be related to one another. Many of us ought to be thinking about connections. Third, he expressed continued interest in the internationalization of geography: enhancement of the discipline is very much an international phenomenon.

## Reports from Regional Councillors

McAnneny led the review of the status of geography programs by region. Each regional councillor presented an update based on regional events and experiences. Common themes included continued operational (budgetary and staffing) challenges, program reorganizations, and growth of enrollments. A few departments are seeing hiring opportunities and development of new programs and other opportunities. Regional Councillors also expressed concerns and questions on behalf of their constituents. Additionally, it was noted that the *Southeastern Geographer* is having its 50<sup>th</sup> anniversary.

## Reports from National Councillors

As Chair of the National Councillors, Moseley introduced President Harden's focal questions for discussion. These questions addressed the role of geography and of the AAG in advancing geography and geographic knowledge, given the spread of geographic concepts and approaches across disciplines (see *Understanding the Changing Planet: Strategic Directions for the Geographical Sciences*, 2010, p. 18 [NRC]), and whether this situation poses a challenge or an opportunity related to our identity.

Ideas brought forward include the importance of several specific technologies and concepts to our identity, particularly with respect to other disciplines. Geospatial technologies and GIScience are of great importance, and can be particularly beneficial to the discipline when geography departments are seen as the 'go-to' places for this type of work. It is beneficial that more people are finding the usefulness of geospatial techniques. Setting geospatial analysis standards and doing spatial research in new topical areas, creating more connections with and learning from other disciplines, would be helpful. When we pay attention to social significance *and* rigor of core concepts, we can best reach out for interdisciplinary connections. In connection with the NRC report, it was noted that "geography wins when we're more outward-looking and inclusive." "Sustainability" and human-environment connections are areas where the discipline has a level of depth; we need to make sure we are taking part in these areas where there has been growth in interest among multiple disciplines. One Councillor observed that geographers have a disadvantage with teaching loads (vs. the 'hard' sciences), even in same institutions. It also was noted that it is important to get students involved in government at all levels, and that AAG should do a new labor market study.

## STATUS OF THE ASSOCIATION

### Executive Director's Comments

Richardson provided an overview of the status of the Association, and commented on the program for the upcoming annual meeting. At the time of the Council meeting, the projected registration was more than 8000 people, with 7800 already registered. He also noted the attendance of numerous non-members and interdisciplinary participation at the annual meeting. In addition, he discussed expenses associated with meetings, comparative costs relative to other organizations, and AAG's efforts to contain annual meeting costs and membership fees.

Richardson reviewed the overall Council meeting schedule, and noted special events at the AAG annual meeting.

### Finances

Richardson and Wilkinson reviewed the financial status of AAG. Wilkinson summarized the March finance committee meeting and discussed AAG's investment strategy: conservative investments have worked out very well. AAG is audited annually. Auditors reported that books look good, and commended Richardson's management and the work of Teri Martin, AAG accounting manager. Richardson went through the organization's finances, noting a change in net assets of +\$552,684 for FYE 2009 (fiscal year ending August 31, 2009), a period when very few organizations saw positive change. Richardson also noted that accounting requirements are extremely complex, and the AAG's investment and accounting policies are very conservative. There are new federal auditing requirements, and AAG will need to develop a few new policies during the next year to address these.

In terms of total cash and investments as of January 31, AAG has 9.9 million dollars. Stocks and bonds make up only about 20 percent of investments; this has turned out to be a good choice for the recent period, but may change in the future depending on market status. James made a motion to recommend that we continue a conservative investment policy with continued concentration on fixed income or CD investments, and that the Executive Director is authorized to continue to monitor the market and to increase stock and securities investments by up to 10% if, in his judgment and that of the treasurer, market conditions warrant. Glasmeier seconded the motion, which passed unanimously.

Wilkinson reviewed the 2011 budget. The Finance Committee had discussed the FYE 2011 budget (effective Sep 1, 2010) in detail, and recommended Council approval. Richardson pointed out that the chart of accounts have been simplified, and that the only significant change in the budget categories over the past several years are those dealing with publications (due to changes in royalty arrangements with the new publisher). Richardson noted several donations, and answered budget-related questions. He

also expressed some caution about potential attendance at the 2011 meeting in Seattle, based on a small drive-shed and the national economy, and about the higher costs involved in meeting in New York City. In addition, the New York meeting is scheduled for earlier in the year, so there will be less time for preparation. Wilkinson moved acceptance of the FYE 2011 budget, Kobayashi seconded. The motion passed unanimously.

Councillors commended Richardson on professional management of the organization and organizational funds. Price suggested that a column be written by the President about financial management. Glasmeier and McAnneny also commented on the importance of the professionalization of the organization and its activities.

### Membership

Richardson reviewed membership status, which remains above 10,000, with regular members making up about 54 percent of the membership, students 38 percent, developing regions members 2 percent, and other categories (corporate, associate, partner, and administrative assistant) the remainder. Growth of student memberships has been higher than other categories. There was discussion about tracking and retention of student members into regular memberships and whether international membership is increasing (it has). Richardson noted that AAG has an extremely progressive membership dues rate structure - more so than most other organizations.

As chair of the committee working to update topical and area specialties, Moseley led discussion of recommended changes. A number of suggestions beyond the work discussed at the fall Council meeting were discussed. Kobayashi noted that from the standpoint of editors who use listings to help identify reviewers, the more categories, the better. WinklerPrins moved that Council accept the suggested changes, with the revisions made during discussion. McAnneny seconded. The motion passed unanimously.

Councillors also made some suggestions for a few courtesy memberships.

### Meridian Place Operations

Richardson discussed new employees and AAG personnel status. New AAG Senior Researcher Jean McKendry will be involved

in three to four ongoing projects (REESE, education projects, climate change, and eventually some of the GIScience and policy projects); there are two new interns, and Marcela Zeballos has become full-time employee. John Wertman was part-time for about three years; he is now back to a full-time position as Senior Program Manager for Government Relations. This is a critical time for a variety of activities, including actions related to geography education legislation, mapping procurement issues, and a new AAG-NIH initiative. Robin Maier is back from maternity leave and working almost full time; Miranda Lecea was promoted to editorial associate; Richardson complimented her on her work on publications during Maier's absence. Lecea will now take the lead on the *PG*; Maier continues to lead on the *Annals*. A new part-time employee, Marsha Goldberg, is working on urban sustainability projects. Richardson noted and commended the work of several other employees. In addition to the key personnel, Richardson also mentioned that lawyers for the AAG are used sparingly, but for some activities they make sure agreements and procedures are legally correct.

AAG has relocated its satellite office space (related to aiding NCGE), moving to smaller space on Q Street, with good savings and payment to AAG of \$10,000 to vacate the old space for another tenant. The new website is finally coming to fruition and is expected to be launched in late spring or early summer.

### Research and Education

Solis reported on the My Community, Our Earth program (MyCOE). The AAG has long served as Secretariat of this public-private partnership. Currently, NASA and USAID are providing support to the AAG to organize 15 teams of African researchers working on GIS and Biodiversity in 12 African countries. NSF has also provided funding to AAG to support the engagement of three U.S.-based fellows in AAG's work in Africa, including with the Regional Centre for Mapping and Regional Development (RCMRD) in Nairobi, EIS Africa in South Africa, and the Wildlife Conservation Society in Rwanda.

Richardson noted that the AAG's NSF-funded quantitative social science digital library (QSSDL) project, in collaboration

*Continued on page 20*

with the University of Michigan, is coming along well. He also noted AAG's continuing work on geography and human rights, including a workshop which will be held at the upcoming annual meeting in Washington, DC. AAG received funding from the AAAS and the MacArthur Foundation of about \$15,000 for related research. A bibliography on geography and human rights developed by the AAG has been posted on the AAG's website. Richardson continues to be very involved in the AAAS Science and Human Rights Coalition, and chairs the Coalition's steering committee.

AAG also has established a Historical GIS clearinghouse, with National Endowment for the Humanities (NEH) funding. Historians and others in the humanities more broadly are active participants with the AAG in this endeavor.

Activities continue to build from the recent AAG-Harvard Conference on Geospatial Science and Sustainable Development. The AAG, the Harvard Kennedy School of Government and the Department of State were the co-organizers. There is a lot of foundation interest in this topic.

Solís reported on the ALIGNED (Addressing Locally-tailored Information Infrastructure and Geoscience Needs for Enhancing Diversity) project, a three-year effort supported by the NSF Opportunities for Enhancing Diversity in the Geosciences Program (OEDG). Ten pilot departments were selected for testing and developing the department toolkit. Also, Diversity Ambassadors have been organized at the AAG Annual Meeting again this year. Richardson announced that Solís has been appointed as the Geography Commission Representative of the US National Section of PAIGH (Pan-American Institute for Geography and History). Richardson also noted the climate change webpage (<https://sites.google.com/a/aag.org/c2heke/>) developed through an NSF-funded Pan American Studies Institute program focused on integrating research and education on climate change and hazards in the Americas under the leadership of Solís, and invited input.

Richardson reported good progress on negotiations with the Library of Congress to archive, digitize, and co-distribute the *Geographers on Film* collection. He is working on the

assignment documents with the AAG lawyers. The GOF materials are currently physically located at the AAG office, and will soon be transferred to the Library of Congress. Once digitized, the collection will be made available online via both the Library of Congress and the AAG. AAG also will receive high quality digital master copies from which very good duplicates can be made. Richardson noted that he would like to have the GOF collection widely distributed at no charge through libraries, and made broadly available for educational and research purposes.

Richardson described a new AAG Initiative for an NIH-wide GIS Infrastructure. The idea is compelling, and so far everyone with whom he has discussed the project has expressed support. A steering committee for the Initiative has been established, and includes Mike Goodchild, Mei-Po Kwan, Jonathan Mayer, Sara McLafferty, and Doug Richardson. An advisory committee will also be developed. The project is moving forward rapidly. McAnney moved and Gamble seconded a motion expressing Council support for the AAG Initiative for an NIH-wide GIS Infrastructure. The motion to endorse the project passed unanimously.

### Education

Michael Solem and Susan Gallagher presented an update on educational initiatives. Solem is taking the lead on higher education and Gallagher on K-12; both are supported by other AAG staff members. Solem noted that the AAG is now to the point that there is an infrastructure of resource materials to support younger faculty, developed by projects like GFDA and EDGE. The focus of EDGE is shifting from early career faculty development to the preparation of geography students for careers outside of academia. The hope is to create similar professional development resources for BGN (business-government-nonprofit) preparation. There will be a book similar to the *Aspiring Academics* volume. Jean McKendry will be helping lead enhancements to the AAG Careers in Geography website. There was discussion of these and other activities.

Gallagher reviewed a project funded by NASA's global climate change education program. She is working on professional

development curricular materials, including identifying and addressing misconceptions (especially for those without an earth science background). Materials are being piloted in the Denver area at the middle and high school levels. Resources will be available online; teacher needs will be addressed and materials will be broadly available in the Fall. Regarding the GENIP standards project, the standards are now in final draft form. They should provide a comprehensive view of grades 4, 8, and 12. Process has been very long, but funding and support for this round has been much lower than for the 1992-94 effort. It is being sent out for one more review, and hopefully will be ready to release by the next NCGE meeting. There were questions and discussion of these and other educational issues. Richardson spoke highly of the creative, cutting-edge geography education programs and research staff at AAG, who work well together as a team.

### Publications

Robin Maier and Miranda Lecea reported on the status of AAG publications. In 2009 the fifth *Annals* issue came out on time in December. It has resulted in a lot of positive feedback. The fifth issue for 2010 is ahead of schedule, the one for 2011 is progressing, and abstracts are due soon for the planned 2012 fifth issue. Starting in 2013, the special issue will come out in January each year. Kobayashi noted that papers in the issue she edited for December went to a maximum of 5000 words, less than half the usual length, basically sacrificing literature reviews. Robin noted that submissions for the environmental sciences section are up, perhaps partly due to new section editor Mark Fonstad soliciting submissions. *PG* submissions have been down a little. Turnaround times have been good for both journals. Currently there is a backlog of accepted articles; there may be a desire to increase pages (which could impact the budget) in order to take care of some of the backlog. There was discussion of the journals and submission rates. Price suggested that it might be good to let membership know about new issues of the AAG journals when they come out, and provide the link to the online version. Maier noted that members can sign up for new issue notification from Taylor & Francis.

Richardson said that AAG might send out a note to membership about the availability of this service. There were expressions of appreciation of Maier and Lecea from Council, and from Kobayashi as an editor.

Price, chair of the Publications Committee, described the status of *Annals* editors, and suggested that it may be good to consider doing interviews at the fall Council meeting to have a new editor in place for January. She noted that a new book review editor for the *Annals* is needed. There was discussion of publications. Price reviewed applications for PG editor and PG book review editor, including procedures for determining interviewees. Terms will begin January 1, 2011.

Richardson noted that Megan Overbey did excellent work on the *AAG Guide to Geography Programs*. Next year will be a transition in moving to online publication of the *Guide*.

Richardson described a proposal from Wiley to publish an Encyclopedia of Geography. The Executive Committee was in favor of looking at this in more detail. Richardson presented an overview of the publisher's concept for a 15 volume encyclopedia. Harden commented on behalf of the Executive Committee, expressing its support. There was extensive discussion, with consideration of the potential place of the publication, benefits, and challenges. Richardson recommended formation of a subgroup of Council to work with him on the possible development of an agreement with Wiley on this encyclopedia. There was consensus to continue pursuit of the project. The committee to work with Richardson on this includes John Agnew, Allan James, Marie Price, Antoinette WinklerPrins, Molly Brown, and Ken Foote.

### Council

Harrington announced election results as they appeared in the newsletter. Foote noted that the departmental leadership workshop planning is on track.

Harden reported that the Executive Committee recommended the nomination of Amy Glasmeier as new Treasurer. Harrington seconded. Glasmeier was elected unanimously. Doug Gamble was elected Chair of the Regional Councillors.

Harden noted that we need a new publications chair. Agnew nominated WinklerPrins. Kobayashi moved that nominations

close. WinklerPrins was unanimously elected as Chair of the Publications Committee. Richardson complimented Price on exemplary service as Publications Chair. Council expressed appreciation.

### Outreach

Richardson reviewed AAG-sponsored special conferences, including several meetings in the U.S. and elsewhere. Richardson also has been working with AAAS on a number of activities, including participation in a proposed upcoming AAAS symposium, entitled *Borderless Science and Human Rights*.

A written report by John Wertman, AAG Senior Program Manager for Government Relations, helped to summarize policy outreach activities, with further comments by Richardson. The AAG is creating a blueprint for geographic education, to supplement President Obama's blueprint for education and revisions to ESEA (the Elementary and Secondary Education Act, also known as 'No Child Left Behind' [NCLB]). Wertman continues to contribute to the *AAG Newsletter* through the 'Washington Monitor' column, and both Richardson and Wertman meet with public officials about issues important to AAG. Members of Congress will participate in the AAG annual meeting, including Representatives Van Hollen and Walz.

Richardson described AAG's activities related to GIS certification and the GIS Certification Institute (GISCI). Richardson serves on the boards of both the Coalition of Geospatial Organizations (COGO) and GISCI. Richardson asked for suggestions of people that could potentially be approached for memberships in these groups. Council approved by consensus the appointment of John Wertman as an AAG alternate delegate for COGO representation, as a backup for Richardson. Council also approved a short list of seven names for the Executive Director to approach as the AAG's second GISCI board member.

A group of six AAG and Council members will be visiting Romanian geography programs in May, in response to their invitation. They would like to create more contacts in the U.S. in support of building the discipline (particularly the human geography side) in Romania. Kobayashi, Harrington, Lydia

Pulsipher, Mark Rosenberg, George White, and Conrad (Mac) Goodwin make up the group.

Harden reported on a geography program that had been in trouble but was now making progress. She also noted that early interventions have best chance of success, and asked that Councillors pass information along if they hear of programs facing difficulties. On a positive note, Richardson shared news that a new program was approved in Anthropology-Geography at Cal-Poly.

## CONTINUING AND NEW BUSINESS

### Honors and Awards

AAG Honors for 2010 were noted. These include Ronald J. Johnston, AAG Lifetime Achievement Award; James S. Duncan and Daniel A. Griffith, AAG Distinguished Scholarship Honors; David A. Lanegran, Gilbert Grosvenor Honors for Geographic Education; Victor H. Winston and Bellwether Publishing, AAG Publication Award; and Joshua Muldavin, AAG Award for Media Achievement. Additionally, the 2010 AAG Atlas Award recipient will be Jane Goodall; the Honorary Geographer is Nora Volkow; and Peter Meusburger will receive the 2010 AAG Presidential Achievement Award. Glen Elder (posthumously) and John Frazier will receive Enhancing Diversity Awards. The 2012 Atlas Award and committee will be discussed in the Fall Council meeting.

### Committees

Harrington presented information on recommended standing committee nominees, and recommendations of the Committee on Committees regarding reduction of some committee sizes. McAnney moved and Gamble seconded approval of those nominees who have agreed to serve. The motion passed unanimously. Provisional nominees will be considered later (via e-mail). There was consensus agreement that several committees should be reduced in size over the next three years, with phased reductions to maintain committee membership rotations.

Wilkinson moved that the treasurer no longer be an ex-officio member of the publications committee. James seconded. The motion passed unanimously. The Commit-

*Continued on page 22*

tee on Committees presented several minor clarifications to the website descriptions of the Marcus, Burrill, and Miller Awards, as recommended by their respective committees, which were accepted by the Council.

A letter of thanks from the AAG Executive Director and President to Bill Carstensen for many years of service as coordinator of World Geography Bowl was approved by consensus. Letters of appreciation for editorial service also will be sent to retiring editors.

### Member Request

Harden presented a letter from the editor of the publication *Historical Geography* requesting AAG financial support. This was discussed, with the conclusion that this would not be an appropriate activity for AAG at this time: many journals are in this situation. (A past decision to provide bridge support for a special publication was linked to other AAG projects and grants.) Council did support provision of advisory aid for the journal or its possible transition to a commercial publisher, if desired.

### Visitors

Guests from NSF were welcomed by Harden and introduced. Guests were: Myron Gutmann, NSF Assistant Director, Directorate of Social, Behavioral, and Economic Sciences (SBE); Mark Weiss, Director, Division of Behavioral and Cognitive Sciences (BCS); and Tom Baerwald, Senior Science Advisor, SBE, and Program Officer, Geography and Spatial Sciences (GSS). Council members and AAG staff introduced themselves. Gutmann noted that GSS is at the core of the directorate, particularly with broad scientific interests and interdisciplinary moves that are occurring at the present time. Geography is at the lead-

ing edge, largely through its environmentally-oriented aspects, and also because of recognition of the importance of spatial components across the sciences. The inclusion of SEES (Science, Engineering, and Education for Sustainability) in the President's budget has mobilized NSF leadership to think about new interdisciplinary ways to work together. SEES represents a very substantial commitment to support for research that links to environment, energy, climate change over five years and beyond. Gutmann invited communication of new interdisciplinary & disciplinary directions that NSF/SBE should be thinking about. Weiss spoke based on the division level, and reiterated several points, including the importance of environmental issues in the Administration's and NSF's priorities. He announced that Antoinette WinklerPrins will be added in August (Scott Freundschuh's slot), and David McGinnis will begin in January 2011, as a fourth BCS geographer. Baerwald noted that Ezekial Kalipeni will remain another year, and that the GSS strategic plan will be revisited. The five current and future officers will meet on this over the summer; thoughts on the strategic plan were invited. A variety of topics were addressed through questions, answers, and discussion.

### Interviews

Interviews of two *Professional Geographer* editor applicants and two *PG* book review editors were held. Price presided and led the questioning, as Chair of the Publications Committee. Other Councillors also questioned the applicants. Following questions and answers, Council members discussed the applicants, their qualifications, and their ideas. James moved that Barney Warf be appointed *PG* editor, Greiner seconded. The motion passed,

with one abstention based on conflict of interest. Moseley moved that Bimal Kanti Paul be offered the position of book review editor. With a second by James, the offer and contingent case were passed with one conflict of interest abstention. [*N.b.* Both Warf and Paul accepted the offered positions.]

### Future Meetings

The next AAG Council meeting will be held in conjunction with the fall meeting of NESTVAL, in Storrs, Connecticut, on October 28-30.

Future AAG Annual Meetings will be in Seattle (2011), New York (2012), California (2013), Tampa (2014), and Chicago (2015). The AAG meets at union hotels whenever possible, and this continues to be an important consideration in the selection of AAG conference hotel venues.

### Final Business

Harden read resolutions for consideration by Council. The resolutions recognized and thanked Past President John Agnew; retiring Pacific Coast Councillor and Treasurer Nancy Wilkinson; retiring National Councillor Audrey Kobayashi; retiring National Councillor and Publications Committee Chair Marie Price; retiring Middle Atlantic Councillor Molly Brown; and retiring NESTVAL Councillor and Regional Councillor Chair Cathleen McAnneny; and outgoing chairs and members of AAG committees. Greiner moved and McAnneny seconded passage of the resolutions; they were passed unanimously.

Council was adjourned at 12:45, April 14, 2010.

Respectfully submitted,  
Lisa Butler Harrington, AAG Secretary

## Geographers in the News

**Jeff Onsted**, Assistant Professor, Earth and Environment/Global Sociocultural Studies, Florida International University, was interviewed recently by the Fresno Bee in California regarding California farmland policy. [www.fresnobee.com/2010/07/03/v-textonly/1994706/farmland-tax-breaks-fail-to-hit.html](http://www.fresnobee.com/2010/07/03/v-textonly/1994706/farmland-tax-breaks-fail-to-hit.html).

**Bryan Schoonard**, a former Florida State University Department of Geography graduate student, appears in a White House video ([www.restorethegulf.gov](http://www.restorethegulf.gov)) documenting responses to the oil spill in the Gulf of Mexico. He is employed by Florida Fish and Wildlife in Tampa as a GIScientist. The video will appear on the right-hand side of the screen and is titled, "Inside the Response."

**Barry Wellar**, Professor Emeritus, University of Ottawa, and a consultant on transportation and safety matters, was interviewed for a feature article, "Roads Scholar Takes Stand for Pedestrian Safety," Ottawa Citizen, June 29, 2010, City section, page 4.

Please submit items for "geographers in the news" to [jketchum@aag.org](mailto:jketchum@aag.org). ■

# Jobs in Geography

## UNITED STATES

### \*ALABAMA, TUSCALOOSA.

The University of Alabama invites applications for the position of **Professor and Chair** of the Department of Geography. The Department seeks an outstanding candidate with a PhD in Geography, demonstrated excellence in teaching and research, demonstrated administrative and leadership skills in an active department with a graduate program, a proven record of gaining external funding, and the ability to teach courses and mentor graduate students within the department's focus areas. **Research specialization is open.**

The Department has 12 faculty members and offers BA, BS, and MS degrees in Geography and Environmental Science, with a priority of developing a PhD program with a focus on human-environmental relationships. The faculty has a range of research interests in human geography and planning, physical geography, and geographic techniques. The Department offers a collegial and supportive work environment

for faculty, and is home to the Map Library and Placenames Research Center, as well as the Cartographic Research Laboratory, a self-supporting, nonprofit facility providing custom mapping and GIS services. The Laboratory also hosts the Alabama Maps online collection of maps and aerial imagery.

Applications will be accepted until the position is filled, with review of applications beginning October 15, 2010. The expected start date is August 16, 2011.

Apply: to apply online, visit the University of Alabama jobs website at <http://facultyjobs.ua.edu>. Letter of application, curriculum vitae, description of administrative experience, statements of administrative and teaching philosophy, teaching and research interests, vision statement, and a list of five potential referees should be submitted online.

Questions should be directed to Joe Weber, Chair of the Search Committee, Department of Geography, Box 870322, University of Alabama, Tuscaloosa, Alabama 35487 (205-348-0086,

[jweber2@bama.ua.edu](mailto:jweber2@bama.ua.edu)). Information about the Department is available on our website at [www.as.ua.edu/geography](http://www.as.ua.edu/geography).

The University of Alabama is an Equal Opportunity/Affirmative Action employer and actively seeks diversity among its employees. Women and minority candidates are strongly encouraged to apply.

JUAG 10-109

### \*CALIFORNIA, NORTHRIDGE.

The Department of Geography at California State University, Northridge welcomes applications for a Tenure Track position at the **Assistant Professor** level from individuals trained in **Geographical Information Systems, cartography, and related geospatial technologies.**

PhD in Geography required at time of appointment (evidence of degree(s) required at time of hire). Priority will be given to candidates with expertise in advanced applications of geospatial technologies such as spatial statistical methods, programming, enterprise GIS, web-based mapping applications, and applications of GIS in urban and regional planning; applied research and/or industry experience is desirable. Secondary areas of expertise include sustainability, resource management, land use practices, and policy. Priority will be given to candidates that demonstrate expertise in the urban environment and who can develop projects based in Southern California. Candidates should have demonstrated excellence or potential for excellence in teaching, scholarly research, and professional and community service. Grant-writing experience is also highly desirable. Applicants must demonstrate a commitment to working with an ethnically and diverse student population.

CSUN is a Learning Centered University. The successful candidate will be expected to join faculty and staff in a commitment to active learning, to the assessment of learning outcomes, and to multiple pathways that enable students to graduate. At time of appointment, the successful candidate, if not a U.S. citizen, must have authorization from the Bureau of Citizenship and Immigration Services to work in the United States.

Teaching responsibilities will include GIS courses at sophomore through graduate levels and advanced and graduate courses in candidate's area of expertise; and may include general educa-

"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](mailto: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

tion courses in human, physical and/or regional geography, and a course in planning applications of GIS in the Department of Urban Studies and Planning. Normal teaching load is 12 units per semester, although there are opportunities for reduction in teaching load for funded research. There will be a reduced teaching load during the first two years of appointment.

We seek a geographer who will involve students in research projects, field work, and data analysis, who will mentor students in their senior thesis and master's degree research, and generally prepare students for careers in the GIS profession. The successful candidate will also be expected to contribute to our Graduate GIS Certificate program, advise students, contribute to department, college, and university committees, participate in professional conferences, publish in peer-reviewed journals, and seek external grants.

Priority will be given to applications received by October 15, 2010. Position will remain open until filled. Applicants must submit a letter of application stating teaching philosophy and research agenda, curriculum vitae, three current letters of recommendation and, if possible, evidence of teaching effectiveness and scholarship. Email applications are not accepted.

Apply: Chair, Search and Screen Committee, Department of Geography, California State University Northridge, Northridge, CA 91330-8249.  
JUAG 10-108

#### CALIFORNIA, REDLANDS.

**GIS Software Product Engineers.** ESRI is seeking experienced professionals to join its Software Products team in a critical role responsible for designing and building the next generation of ArcGIS software. In this role you will design, develop, analyze, release, and support ESRI's ArcGIS software and define customer requirements for using GIS software in various real-world scenarios.

Successful candidates will possess a bachelor's or master's in GIS, computer science, or a related field; a minimum of six months of specific training with an ArcGIS product or other GIS products; and experience using a scripting or application development language (such as .NET, Java, Python, or C++). Use and administration of relational databases (SQL Server, Oracle, Informix, DB2) is a plus.

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

JUN 10-106

#### \*COLORADO, COLORADO SPRINGS.

The University of Colorado, Colorado Springs Department of Geography and Environmental Studies invites applications for a tenure-track position at the Assistant Professor level starting August 2011. We seek an **environmental geographer** with expertise in **remote sensing/image processing**. Areas of desired research and teaching interest include land use/land cover change, natural hazards, and/or environmental and social effects of climate change. Candidate must possess a PhD in Geography or related discipline.

The department has both a BA undergraduate degree and an MA in Applied Geography. Any viable candidate will teach at both the introductory and advanced undergraduate level as well as some graduate coursework. We are also a vibrant and important part of the campus Sustainable Development minor. All candidates must pursue an active and substantial research agenda. The department has a history of very strong teaching and was the recipient of a statewide program of excellence award.

Apply: go to [jobsatcu.com](http://jobsatcu.com), posting #810303, and electronically submit a letter of application, a current curriculum vita, statements of teaching and research philosophy, and unofficial transcripts. Review of applications will begin September 15,

2010 and continue until the position is filled. Please see <http://www.uccs.edu/~geography/> and/or contact Tom Huber ([thuber@uccs.edu](mailto:thuber@uccs.edu), 719-255-3790) or Emily Skop ([eskop@uccs.edu](mailto:eskop@uccs.edu), 719-255-3789) for additional departmental information.

UCCS is dedicated to ensuring a safe and secure environment for our faculty, staff, students, and visitors. To achieve that goal, we conduct background investigations for all prospective employees. The University of Colorado at Colorado Springs fosters equity in employment by promoting diversity and assuring inclusiveness.

JUAG 10-107

#### \*DISTRICT OF COLUMBIA.

**Director of GIScience Research Programs.** The Association of American Geographers has a position available for immediate placement at its office in Washington, D.C. for a Geographer or GIScientist whose primary responsibility will be leading the AAG's programs in GIScience research and education. The successful applicant will have advanced, proven expertise in GIScience and technology, and possess strong research and analytical skills. The Director of GIScience Research Programs will also assist in the development of grant proposals and journal

### Paul E. Raether Distinguished Professor of Urban Studies Trinity College, Hartford, CT

Trinity College seeks an **urbanist** at the **associate or full professor** rank to fill the newly endowed chair for the Paul E. Raether Distinguished Professorship in Urban Studies beginning in fall 2011. The committee is especially interested in those whose scholarly research falls within one or more of the following broad areas: the built environment; sustainable development; social and spatial inequalities. We hope that the scholar will have expertise in the interdisciplinary, comparative study of cities across a broad range of geographic regions; a commitment to supplementing the study of cities with experiential learning within a liberal arts framework.

The Raether Professor will be expected to contribute to the ongoing discussion on and the development of Urban Studies on campus and will teach at least one course in our Cities Gateway program. The tenure home will be located in one of the appropriate established departments or programs at Trinity.

Applicants should send a detailed letter stating research and teaching interests; a complete Curriculum Vitae; and the names of three references **by December 1, 2010** to Dean of Faculty Rena Fraden, Trinity College, 300 Summit Street, Hartford, CT 06106.

For more information on Trinity's urban initiatives log on to <http://www.trincoll.edu/UG>.

The search committee includes Davarian Baldwin (American Studies); Sonia Cardenas (Human Rights); Xiangming Chen (Dean and Director of the Center for Urban and Global Studies); Kathleen Curran (Art History); Anthony Messina (Political Science); Joan Morrison (Environmental Science); Jane Nadel-Klein (Anthropology); Vijay Prashad (International Studies).

articles, and interact constructively with federal agencies and other GIScience organizations. This is an excellent opportunity for talented individuals to participate at a high level in AAG research and education initiatives. A qualified candidate will have a graduate degree in geography or GIScience; possess outstanding written, research, and verbal communication skills; be highly organized and experienced with project management; and have strong interpersonal skills. Salary is commensurate with experience.

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

JUAG 10-128

**\*FLORIDA, TALLAHASSEE.**

Florida State University. The Department of Geography invites applications for a tenure-track **Assistant Professor** position in GIScience to begin August 2011. The successful applicant will be expected to pursue research, secure external funding and teach in the field of GIScience with a desired emphasis on urban and social applications. Salary and benefits are highly competitive, and commensurate with qualifications and experience. A PhD in geography or a related area is required. Send electronic letter of application by October 1, 2010 including curriculum vitae and names of three referees to Prof Victor Mesev ([vmesev@fsu.edu](mailto:vmesev@fsu.edu)). Florida State University is an equal opportunity employer.

JUAG 10-122-3

**\*GEORGIA, KENNESAW.**

The College of Humanities and Social Sciences invites applications for up to two **tenure-track faculty positions** at the rank of **Advanced Assistant or Associate Professor** to teach in Kennesaw State University's new applied interdisciplinary PhD program in **International Conflict Management**, beginning January or August 2011.

Both positions are open to candidates from all social science and related disciplines but require a PhD and demonstrated research expertise in fields related to international conflict management. Both positions are joint appointments between the PhD program and the candidate's disciplinary department. We are particularly interested in hiring faculty with research interests in post-conflict management and reconstruction, peacebuilding, sustainable development, and the role of non-state actors in international conflicts, but will also consider other areas of interest. Preference will

be given to candidates with strong quantitative or qualitative methodological expertise, experience working in a collaborative, interdisciplinary environment and a demonstrated record of teaching, scholarship and advising.

Kennesaw State University has a strong commitment to hiring a diverse faculty and encourages applications from minority and underrepresented groups. The College of Humanities and Social Sciences wishes to reinforce this and to provide an inclusive learning environment to prepare students for personal and professional success in an increasingly multicultural and global society. Candidates are therefore encouraged to address in their application how they can contribute to the diversity of the community.

Kennesaw State University is a growing and progressive university in Georgia's public system of higher education. Located on an attractive campus in suburban Atlanta, KSU currently enrolls more than 22,000 traditional and nontraditional baccalaureate and master's students. The thriving Atlanta metropolitan area has a rich array of museums, theaters, libraries, colleges and universities, and other resources.

To ensure full review, application materials should be received by October 15, 2010.

Apply: Applicants should send letter of application addressing strengths relative to the qualifications and responsibilities for the position, curriculum vitae, three letters of recommendation, transcripts, two scholarly publications and evidence of teaching effectiveness by email to: [incmfacultysearch@kennesaw.edu](mailto:incmfacultysearch@kennesaw.edu) or by mail to Dr. Volker Franke, Director, INCM Ph.D. Program, College of Humanities and Social Sciences, Kennesaw State University, 1000 Chastain Road, Mail Drop: 2201, Kennesaw, GA 30144.

For a detailed description of the university, college and department, please visit our home page at [www.kennesaw.edu](http://www.kennesaw.edu). January 1, 2011 and August 1, 2011. Kennesaw State University is an affirmative action/equal opportunity employer and educator. Georgia is an Open Records State. AA/EOE. For questions about this position opening, contact: Dr. Volker Franke ([vfranke@kennesaw.edu](mailto:vfranke@kennesaw.edu)).

JUAG 10-127

**\*IOWA, IOWA CITY.**

**Director**, Environmental Policy Research Program, Public Policy Center and **Assistant or Associate Professor**, Graduate Program in Urban and Regional Planning.

The University of Iowa Public Policy Center (PPC) and the Graduate Program in Urban and Regional Planning anticipate an opening for a

tenure-track faculty position at the **mid-career level (assistant or associate professor)** beginning as soon as possible. The successful candidate must, at a minimum, have a PhD in environmental policy or planning or a related discipline, demonstrate substantial scholarly research and publication, and be able to teach courses and publish quality research in environmental planning and policy. Ideally this person will collaborate with some of the other world-class faculty on campus including faculty in environmental engineering, geography and environmental health. The position is envisioned to be 60% in the PPC as the Director of the Environmental Policy Research Program, and 40% in the Graduate Program in Urban and Regional Planning with a reduced teaching load of five courses every two years to provide protected research time to build a personal program of research.

For over 20 years, The University of Iowa Public Policy Center has been the University's primary center for public policy research. Researchers there conduct first-rate applied research in areas such as transportation, health policy, human factors, social science, housing and land use policy, and most recently environmental policy.

For 46 years, the Graduate Program in Urban and Regional Planning has offered high quality graduate education in urban and regional planning with its fully accredited professional master's degree. Its nine faculty members are committed scholars and teachers who are also engaged in the community.

Initial review of applications will begin on July 15 for an appointment no later than, August 1, 2011. Applications will be accepted until the position is filled. The applicant should apply online with a vita, a letter of application, a list of references and at least one publication or other sample of writing. The letter of application should describe the candidate's research interests, as well as the kinds of courses the candidate would be prepared to teach. We especially encourage applications from minorities and women.

Apply: please go to <http://jobs.uiowa.edu> and search under Requisition #58029 (environmental planning and policy). Inquiries should be sent directly to: Charles Connerly, DEO, Graduate Program in Urban and Regional Planning, 343 Jessup Hall, The University of Iowa, Iowa City, IA 52242. Phone: 319-339-0039. Fax: 319-335-3330. E-mail: [charles-connerly@uiowa.edu](mailto:charles-connerly@uiowa.edu).

The University of Iowa is an affirmative action/equal opportunity employer. Women and minorities are encouraged to apply.

JUAG 10-120

**\*MARYLAND, COLLEGE PARK.**

**Research Assistant Professor**, Department of Geography. Open until filled. Starting salary is commensurate with experience. Excellent benefits. The successful candidate is expected to support NOAA/NESDIS related project for developing a validation system of satellite land surface temperature. Candidate will be expected to work closely with NOAA scientist, to conduct research on land surface temperature validation, and to process satellite radiometer/Imager data and ground station data from different sources. Deliverable software package and corresponding documents is a minimum requirement of the Project. Applicants should have a PhD in geography, environmental science, geomatics, engineering, or other related discipline with a strong background in quantitative analysis of satellite data, software development skills (OPP, C++, F90, IDL, UML, etc.) and effective communication skills in English.

Apply: send curriculum vitae, a letter describing research interests, and contact information for three references to: [jobs.umd.edu/applicants/Central?quickFind=51958](http://jobs.umd.edu/applicants/Central?quickFind=51958).

Women and minorities are encouraged to apply. The University of Maryland is an AA/EEO employer.

SEP 10-132

**NEW YORK, BUFFALO.**

The business department at D'Youville College ([www.dyc.edu](http://www.dyc.edu)) in Buffalo, NY invites applications for the position of **Assistant or Associate Professor for Global Trade and International Business**. This tenure track position will be responsible for teaching courses at the graduate and doctoral level, engaging in high quality scholarly activities, participating in curriculum development, program assessment, dissertation advisement, and committee leadership. Requirements include: an earned doctorate degree, from an accredited institution in Business with major emphasis in Global Trade and International Business; a minimum of 3-4 years of full time teaching experience in undergraduate and graduate courses in Global trade and International Business; experience in guiding and directing master's thesis /projects and doctoral dissertations and member of doctoral dissertation committees; and academic experience working on a campus with culturally diverse students, staff, and faculty. Successful candidates must exhibit a strong commitment to scholarly research activities, excellent oral and written communications skills, and possess strong interpersonal skills with the ability to work collaboratively as a member of the department.

Apply: Candidates are asked to electronically submit a letter of application, curriculum vitae, along with the names and contact information of three references to the attention of Dr. Arup Sen, Business Department Chair at [humanresources@dyc.edu](mailto:humanresources@dyc.edu). Candidates with diverse experience and backgrounds are encouraged to apply. E.O.E.

JUN 10-93

**\*OHIO, CINCINNATI.**

The Department of Geography at the University of Cincinnati seeks **two self-motivated postdoctoral researchers** to undertake work in the area of **space exploration informatics**. The candidates must have expertise in one or more of the following fields: remote sensing, planetary geomorphology, computational intelligence and geoinformatics, or image processing, with the PhD in geography, computer science, geology, or related fields.

The successful candidates will be involved in one or more of the following research projects: automatic cataloging of crater and other geomorphic features from high resolution planetary images, machine-learning-based automatic geomorphic mapping, and data mining of large spatial planetary and terrestrial datasets. The candidates will be expected to work in a multidisciplinary, highly motivated and productive team. A high level of motivation, ability to solve challenging problems, and passion for research are expected. The candidates should have a good communication and writing skills.

The responsibility include designing and executing computer codes, analyzing and reporting original results, writing scientific manuscripts, and participating in daily computer lab maintenance. Skills in maintaining a server and local area network are highly desirable. Postdoctoral positions will be offered for an initial period of up to two years, with possible extension to a maximum of three years.

Apply: Please apply online at [www.jobsatuc.com](http://www.jobsatuc.com). Click on Search Postings on the upper left hand corner of the screen. On the Search Postings screen, enter 210UC0945 for the Position Number, and then click the SEARCH button at the bottom of the page. Applicants will need to submit a letter of interest, a curriculum vita with list of relevant publications, and a list of three references during the application process.

The University of Cincinnati is an equal opportunity/affirmative action employer. Women, people of color, people with disabilities and veterans are encouraged to apply. Please contact Dr. Tomasz Stepinski ([tstepinski@gmail.com](mailto:tstepinski@gmail.com)), the Thomas Jefferson Chair Professor of Space Exploration Informatics, for further information.

SEP 10-131-1

**\*OHIO, COLUMBUS.**

The Department of Geography at The Ohio State University invites applications for a tenure-track position at the **Assistant Professor** level beginning Fall 2011. A PhD in **Physical Geography or closely related field** is required. This scholar would be expected to contribute to the Climate Water Carbon Program ([cwc.osu.edu](http://cwc.osu.edu)). This program conducts cutting-edge, integrated and interdisciplinary research regarding critical climate, water and carbon related problems. We seek a collaborative researcher who incorporates systems modeling in a research program to understand the complex Earth ecosystem. Successful candidates will demonstrate a capacity to conduct research quantitatively and collaboratively with human and physical colleagues in Geography and other departments. Teaching and research interests of the successful candidate could include ecological modeling, climate change adaptation or response; modeling of nutrient and/or biogeochemical cycles; and remote sensing of land surfaces; at regional to global scales.

This position is advertised subject to availability of funds.

Apply: Applicants should submit curriculum vitae, a letter stating teaching, research and service credentials; three letters of reference and representative reprints to Morton O'Kelly, PhD Chair, Department of Geography, The Ohio State University, 1036 Derby Hall 154, N. Oval Mall Columbus, OH 43210 (614) 292-8744 [okelly.1@osu.edu](mailto:okelly.1@osu.edu) (email).

To build a diverse workforce, Ohio State encourages applications from individuals with disabilities, minorities, veterans, and women. EEO/AA employer.

For full consideration, applications should be received by December 15, 2010.

JUAG 10-129-4

**OHIO, TOLEDO.**

The Department of Geography and Planning invites applications for a tenure-track appointment starting August, 2010. **Assistant Professor**. PhD in Geography or related discipline required at time of application. The successful candidate will play a critical role in promoting the department's undergraduate program and will serve as departmental liaison to the College of Education. Opportunities are also available for contributing to the university's Global Studies Program.

The successful candidate must have teaching and research expertise in **Geographic Education** and in **Human and Regional Geography**. This position requires responsibility for all education courses taught within the department. Opportunities for

graduate teaching are available in the department's MA program. The successful candidate is expected to have an established record of sponsored research and scholarship in the areas described above, and will be expected to obtain external funding as part of their professional activity.

The Department of Geography and Planning has an applied orientation with approximately 40 MA level graduate students, 30 undergraduate majors, a successful community based internship program, and is the administrative home of the new Spatially Integrated Social Science PhD Program. The Department is a member of the Association of Collegiate Schools of Planning.

The Department has an active research agenda with external funding approaching \$5 million over the past two years. The department's GISAG Center provides the focus for interdisciplinary research with other academic units at The University of Toledo and other universities throughout Ohio and the Midwest.

Please send letter of application, curriculum vitae, and arrange to have at least three letters of reference sent. Application materials will be reviewed beginning July 1, 2010 and will continue until the position is filled. The Department encourages applications from minorities, women, and persons with disabilities. The University of Toledo is an Affirmative Action/Equal Opportunity Employer M/F/D/V.

Apply: Dr. Patrick Lawrence, Search Committee Chair, Department of Geography and Planning, 2801 West Bancroft Street. Voice 419-530-4128; Fax 419-530-7919. Internet: patrick.lawrence@utoledo.edu.

JUN 10-101

#### \*OREGON, EUGENE.

University of Oregon, Geography Department. **Open Pool.** Successful candidates will have professional experience, demonstrated ability or potential for quality teaching/research and a commitment to working effectively with students, faculty and staff from diverse backgrounds. Successful candidates for an **Officer of Instruction** position will have teaching background and classroom experience in **Human Geography, Physical Geography, or GIScience.** Successful candidates for **Research Assistant/Associate** position will have research background in **Geography or a Geography-related field.**

Minimum Qualifications: For Research Assistant, BA/BS required by start of position, MA/MS preferred. For Research Associate, PhD is required by start of position. For Officer of Instruction, MA/MS required by start of position, PhD preferred.

Applications will be accepted on a continuous basis and screening of applications will take place as positions become available and continue until positions are filled. The pool is for limited duration appointments renewable up to three years. Send a cover letter that details research and teaching interests, professional accomplishments, and a future research plan; curriculum vitae.

Apply: Send all application material in PDF format to: uoogeo.uoregon.edu, subj: Open Pool.

We invite applications from qualified candidates who share our commitment to diversity. The University of Oregon is an equal-opportunity, affirmative-action institution committed to cultural diversity and compliance with the Americans with Disabilities Act.

JUAG 10-126

#### \*PENNSYLVANIA, UNIVERSITY PARK.

**Earth Systems Ecologists.** The Pennsylvania State University. **Two tenure track faculty positions at the Assistant Professor level.** Areas of study could include interactions among landscapes, terrestrial ecosystems, climate change, land use/land cover change, biofuel production or other energy-related processes, and biogeochemical cycling. Landscape to global scale research is desired. The successful candidate would have strengths in areas such as Earth system modeling, spatially explicit vegetation modeling, remote sensing, networked observations, model-data synthesis, and coupled natural and human systems. Exemplary candidates at a higher rank will be considered. One position will reside in the College of Earth and Mineral Sciences, the other in the College of Agricultural Sciences. For more information, go to ([www.eesi.psu.edu](http://www.eesi.psu.edu)).

Apply: please submit: 1) a letter describing your research and teaching plans; 2) a complete curriculum vitae; 3) up to four reprints; and 4) the names and addresses (including e-mail) of three potential referees to: Debra Lambert ([lambert@eesi.psu.edu](mailto:lambert@eesi.psu.edu)). Review of applications will begin on August 30, 2010.

Penn State University is committed to affirmative action, equal opportunity, and the diversity of its workforce.

JUAG 10-125

#### \*TEXAS, SAN MARCOS.

The Department of Geography at Texas State University-San Marcos seeks applications for a full-time tenure-track position at the **Assistant Professor** rank beginning Fall 2011. We seek a **human geographer with a regional emphasis.** PhD degree in Geography is required at time of

appointment. Demonstrated records of excellence in both teaching and research are required. Preference may be given to an applicant with a regional interest in North Africa and the Middle East or Sub-Saharan Africa, or with a geographic education interest that will interface well with the traditional K-12 regional geography curriculum. The successful candidate will teach introductory World Geography and courses within his/her areas of expertise at both undergraduate and graduate levels, including participation at the doctoral level.

The department has 32 full-time faculty members serving more than 600 undergraduate majors and approximately 200 graduate students in BA, BS, MS, Master of Applied Geography, and three PhD degree programs. The PhD programs focus on geographic education, environmental geography and geographic information science. The department houses the Texas Alliance for Geographic Education, the Gilbert M. Grosvenor Center for Geographic Education, the James and Marilyn Lovell Center for Environmental Geography and Hazards Research, and the Texas Center for Geographic Information Science.

Applicants must electronically submit a letter of application, curriculum vitae, and the names and e-mail addresses of three references no later than October 11, 2010 to: [ps33@txstate.edu](mailto:ps33@txstate.edu).

Texas State University-San Marcos will not discriminate against any person (or exclude any person from participating in or receiving the benefits of any of its activities or programs) on any basis prohibited by law, including race, color, age, national origin, religion, sex or disability, or on the basis of sexual orientation. Texas State is committed to increasing the number of women and minorities in faculty and senior administrative positions. Texas State University-San Marcos is a member of the Texas State University System.

Apply: Dr. Philip W. Suckling, Professor and Chair, Department of Geography, Texas State University-San Marcos, San Marcos, TX 78666-4616. Voice: 512-245-2170. Fax: 512-245-8353. E-mail: [ps33@txstate.edu](mailto:ps33@txstate.edu).

JUAG 10-121

#### \*UTAH, SALT LAKE CITY.

University of Utah. The Department of Geography invites applications for **two tenure-track positions** at the **Assistant Professor** level starting 1 July 2011. (1) A **physical geographer** with a research focus on climate change impacts on terrestrial environments. The successful applicant will be engaged in research that emphasizes climate change dimensions of hydrology, disturbance,

alpine environments and/or arid landscapes. (2) An urban/economic geographer specializing in urbanization, globalization, development, and/or transportation; or the public health implications of these processes. Preference will be given to candidates with strong quantitative, computational and/or GIS skills.

For both positions, the ability to collaborate with faculty within the Department of Geography and participate in interdisciplinary research at the University of Utah is highly desirable. Also desirable is the ability to teach introductory cartography, spatial analysis or a lower-division service course in the candidate's general area of expertise.

The Department of Geography at the University of Utah emphasizes quantitative geography within the focus areas of urban/economic systems, Earth system science and geographic information science. The department offers Bachelor's, Master's and Ph.D. degrees in geography. The department is home to several outstanding research facilities, including the Digitally Integrated Geographic Information Technologies (DIGIT) center, the Utah Remote Sensing Applications (URSA) laboratory, the Records of Environment and Disturbance (RED) laboratory, the Center for Natural and Technological Hazards (CNTH), a Quaternary Sedimentology and Geomorphology laboratory, and a global charcoal database archiving over 800 fire history records from around the world. The department also administers an interdisciplinary Certificate Program in Geographic Information Science with the University of Utah's School of Computing.

The University of Utah is a comprehensive and diverse public institution located on the Wasatch Front urban corridor with easy access to research and recreational opportunities in the Rocky Mountains, Great Basin and the Colorado Plateau. Salt Lake City is a dynamic, high-tech and bike-friendly metropolitan area with high quality cultural and entertainment amenities, an expanding public transit system, and a sunny, dry four-season climate. For more information on the Department of Geography, see [www.geog.utah.edu](http://www.geog.utah.edu).

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

Apply: Applications will only be accepted electronically. Please submit your application as a single PDF file to one of the following e-mail addresses. For the physical geography position, e-mail your application to [physical\\_position@geog.utah.edu](mailto:physical_position@geog.utah.edu). For the urban/economic geography position,

e-mail your application to [urb\\_econ\\_position@geog.utah.edu](mailto:urb_econ_position@geog.utah.edu).

The due date for applications is October 1, 2010; applications received after the deadline may be considered until the position is filled. The University of Utah values candidates who have experience working in settings with students from diverse backgrounds, and possess a strong commitment to improving access to higher education for historically underrepresented students. The University of Utah is fully committed to affirmative action and to its policies of nondiscrimination and equal opportunity in all programs, activities, and employment. Employment decisions are made without regard to race, color, national origin, sex, age, status as a person with a disability, religion, sexual orientation, gender identity or expression, and status as a protected veteran. The University seeks to provide equal access for people with disabilities. Reasonable prior notice is needed to arrange accommodations. Evidence of practices not consistent with these policies should be reported to Director, Office of Equal Opportunity and Affirmative Action, (801) 581-8365 (V/TDD).

Questions can be directed to (physical position) Dr. Philip Dennison ([dennison@geog.utah.edu](mailto:dennison@geog.utah.edu)); (human position) Dr. Thomas Cova ([cova@geog.utah.edu](mailto:cova@geog.utah.edu)).

JUAG 10-116

#### \*VIRGINIA, BLACKSBURG.

Senior Tenured Position. College of Liberal Arts and Human Sciences. ASPECT, the Alliance for Social, Political, Ethical, and Cultural Thought, a collaborative interdisciplinary PhD program of the Departments of History, Philosophy, Political Science, Religion & Culture, and the School of Public and International Affairs at Virginia Tech, invites applications for the position of **Director**, a tenured appointment, **field open**.

ASPECT is an innovative problem-based, theoretically-engaged doctoral program (<http://www.aspect.vt.edu/>). Candidates should have a record that merits a tenured appointment in one of the four core ASPECT departments in the College of Liberal Arts and Human Sciences, namely, History, Philosophy, Political Science or Religion & Culture. This position will begin no later than August 10, 2011 at the rank of **Professor**. A January 10, 2011 start date would also be possible.

Apply: Interested persons must apply at <http://jobs.vt.edu>, posting number 0100222, where they will submit a cover letter, current curriculum vitae, recent writing samples, teaching evaluations, and a brief statement on administrative experience and

philosophy along with the contact information of five references.

Virginia Tech is an EO/AA Employer committed to diversity.

Apply Here: <http://www.apply-for-job.net/c/jobclick.cfm?site=3067&job=6867382>.

JUAG 10-112

#### WISCONSIN, LA CROSSE.

The University of Wisconsin - La Crosse invites applicants for a full-time **Assistant Professor**, tenure track academic appointment, beginning January 2011. Must have PhD in Geography at time of appointment (will consider very late stage ABD).

The Department of Geography/Earth Science in the College of Science and Health seeks a Geographer with demonstrated expertise and research interests in **cartography, map design, web-based mapping, geo-visualization, and GIS**. Specialties in geographic education or medical/public health geography will be a plus but not required. Teaching responsibilities include fundamentals of cartographic principles, map design, web-based mapping, and the candidate's areas of specialization. The appointee will be expected to teach one of the Department's core general education courses and also demonstrate a commitment to excellence in undergraduate teaching, develop an active research program seeking external grants, participate in undergraduate research, and provide service to the University and broader community and profession.

Apply: Electronic submission of application materials is required. For additional information about this position and to apply, please visit <https://employment.uwlax.edu/> Your application should include a letter of application, curriculum vitae, a statement of teaching philosophy and research agenda in one document, contact information for three references, and graduate transcript(s).

For questions, please contact Dr. Gregory Chu ([chu.greg@uwlax.edu](mailto:chu.greg@uwlax.edu)) or Dr. Cynthia Berlin, Chair of Search and Screen Committee, Department of Geography and Earth Science, University of Wisconsin-La Crosse. Voice 608-785-8333, FAX 608-785-8332, e-mail [berlin.cynt@uwlax.edu](mailto:berlin.cynt@uwlax.edu) ([www.uwlax.edu/geography](http://www.uwlax.edu/geography)). Review of complete application materials will begin on August 1, 2010, and will continue until position is filled.

UW-La Crosse is an affirmative action/equal opportunity employer. Women, persons of color, and individuals with a disability are encouraged to apply. Please contact the Search and Screen Committee if you have a special need/accommodation to aid your participation in our hiring process.

Employment will require a criminal background check. A pending criminal charge or conviction will not necessarily disqualify an applicant. In compliance with the Wisconsin Fair Employment Act, UW-La Crosse does not discriminate on the basis of arrest or conviction record.

MAY 10-91-3

## INTERNATIONAL

### \*CANADA, BRITISH COLUMBIA, BURNABY.

The Department of Geography at Simon Fraser University invites applications for a tenure track faculty appointment in **Environmental Remote Sensing**. We seek a scientist with expertise in satellite or LIDAR technology and applications in any relevant geographical field. Links to other branches of spatial information science, physical or human geography are desirable. The appointment will be at the rank of **Assistant Professor** and will ideally begin April 1, 2011.

Applicants must have completed a PhD by the time of appointment and should demonstrate a promise of excellence in research and effectiveness in teaching at the undergraduate and graduate levels in spatial information science. Prime teaching responsibilities are to instruct undergraduate and graduate courses in remote sensing with the ability to develop linkages to graduate courses within the Faculty of Environment and SFU. The appointee will be responsible for establishing an externally funded research program.

Apply: for application details please visit: <http://www.sfu.ca/geography/Employment.html>.

All qualified candidates are encouraged to apply. However, Canadians and permanent residents will be given priority. Simon Fraser University is committed to employment equity and encourages applications from all qualified women and men, including visible minorities, aboriginal people and, persons with disabilities. Please note that this position is contingent upon available funding and is subject to final approval by the Board of Governors.

Under the authority of the University Act, personal information that is required by the University for academic appointment competition will be collected. For further details see the Collection Notice: [http://www.sfu.ca/vpacademic/Faculty\\_Openings/Collection\\_Notice.html](http://www.sfu.ca/vpacademic/Faculty_Openings/Collection_Notice.html).

JUAG 10-104

### CANADA, MONTREAL.

McGill University. Department of Geography and School of Environment. Applications are invited

for a joint tenure-track position at the **Assistant Professor** level in the Department of Geography and the McGill School of **Environment in Urban Sustainability** beginning on July 1, 2011. The person who fills this position will conduct research that contributes to our understanding of how complex urban systems interact with environmental change across scales from the local to global. The person will have expertise in sustainability research, and in innovative qualitative and/or quantitative approaches to investigating urban environmental, policy and development challenges.

This position will provide an important addition for undergraduate and graduate programs offered by the School of Environment (<http://www.mcgill.ca/mse/>) and the Department of Geography (<http://www.geog.mcgill.ca/>), and has the potential to contribute to programs in Sustainability Science and Urban Systems. There would also be potential interactions with other Departments with interests in the environment, such as Biology, Natural Resource Sciences, and the School of Urban Planning.

Such a position would be consistent with the inter-disciplinary Environment theme elaborated in the McGill 'White Paper': [http://www.mcgill.ca/files/provost/Strengths\\_and\\_Aspirations\\_June\\_2006.pdf](http://www.mcgill.ca/files/provost/Strengths_and_Aspirations_June_2006.pdf). It is also consistent with the greater attention to 'sustainability' that has been adopted by McGill.

Applicants must possess a PhD or expect to graduate by summer 2011, and have demonstrated excellence in research, teaching and communication. Salary will be commensurate with qualifications and experience. The successful candidate may be nominated for a Canada Research Chair.

McGill University is committed to equity in employment and diversity. It welcomes applications from indigenous peoples, visible minorities, ethnic minorities, persons with disabilities, women, persons of minority sexual orientations and gender identities and others who may contribute to further diversification. All qualified applicants are encouraged to apply; however, in accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents of Canada.

Candidates should ensure that their curriculum vitae, statements of teaching specializations and research interests, up to three reprints, and letters from three referees are sent to the below address. The review of applications will begin September 15, 2010 and applications will be accepted until the position is filled.

Apply: Dr. Tim Moore, Chair, Department of Geography, Dr. Marilyn Scott, Director, McGill

School of Environment, McGill University, Room 705, 805 Sherbrooke St. West, Montreal, Quebec, Canada, H3A 2K6. Phone: (514) 398-4112; FAX: (514) 398-7437; E-mail: [recruit.geog@mcgill.ca](mailto:recruit.geog@mcgill.ca).

MAY 10-89-3

### SOUTH KOREA, SEOUL

The Department of Geography Education, Seoul National University, Korea, invites applications for one full-time tenure-track position in (**Sustainable Human-Environmental Geography**, rank open, beginning March 2011. The department offers BA, MA, and PhD degrees in geography and geography education. Teaching responsibilities include 2 courses per semester, including one undergraduate level course in Environmental Geography Education and one graduate level course in his/her specialty area. Lectures will be conducted in English. Native-level competence in oral and written English is required for this position.

This position is being created by authorization of the Ministry of Education and Human Resource Development. Preference will be given to applicants with a background and/or interest in teaching Physical/Environmental Geography Education, a strong record of publication in SSCI ranked journals, and a promising research agenda in their respective area of specialization. A PhD in Geography, Geography Education, or a closely related discipline is required at the time of appointment.

This is an excellent opportunity to work at a top-50 global university in a top-10 global city. *The Times of London* ranked SNU 47th among the world's best universities in 2009. Comprised of 16 colleges, one graduate school of arts and sciences, and six professional graduate schools, with a total enrollment of 27,973 students, SNU is Korea's premier university. Benefits include: a rewarding and stable career structure for productive faculty members; a competitive twelve-month based salary; a comprehensive national medical insurance program 50% funded by the university; convenient on-campus housing at substantially below market cost; one semester paid research leave out of every seven semesters; intra-university research grant opportunities; relocation expense assistance.

Apply: Qualified applicants should send their complete curriculum vitae, copies of teaching/course assessments, statement of research and teaching interests, and names and contact information for three references, preferably by email, to Dr. Douglas Gress ([douglas@snu.ac.kr](mailto:douglas@snu.ac.kr)). Review of applications will begin on June 15, 2010 and will continue until the position is filled.

JUN 10-99

## 2010

## AUGUST

2. NSF Science of Learning Centers interdisciplinary grants. [www.nsf.gov/funding](http://www.nsf.gov/funding).
13. Environmental Protection Agency (EPA), National Achievements in Environmental Justice Awards Program. [www.epa.gov/environmentaljustice/awards](http://www.epa.gov/environmentaljustice/awards).
18. NEH "America's Historical and Cultural Organizations" grants. [www.neh.gov/grants/guidelines/AHCO.htm](http://www.neh.gov/grants/guidelines/AHCO.htm).

## SEPTEMBER

2. AAG Garrison Award. [www.aag.org/cs/grantsawards](http://www.aag.org/cs/grantsawards).
15. Holberg Prize. [www.holbergprisen.no/en/nomination.html](http://www.holbergprisen.no/en/nomination.html).
15. Guggenheim Fellowships. [www.gf.org](http://www.gf.org).
15. NEH Enduring Questions Course Improvement Grants. [www.neh.gov/grants/guidelines/EnduringQuestions.html](http://www.neh.gov/grants/guidelines/EnduringQuestions.html).
15. AAG 2011 Honorary Geographer Award Nominations. [www.aag.org/cs/grantsawards](http://www.aag.org/cs/grantsawards).
15. AAG Enhancing Diversity Award. [www.aag.org/grantsawards](http://www.aag.org/grantsawards).
15. AAG J. Warren Nystrom Award. [www.aag.org/cs/grantsawards](http://www.aag.org/cs/grantsawards).
22. AAG Enrichment Funds. [www.aag.org/cs/grantsawards](http://www.aag.org/cs/grantsawards).
29. ACLS Fellowships. [www.acls.org/grants](http://www.acls.org/grants).

30. NEH Teaching Development Fellowships. [www.neh.gov/grants/guidelines/TD\\_Fellowships.html](http://www.neh.gov/grants/guidelines/TD_Fellowships.html).

## OCTOBER

15. AAG Marble-Boyle Award. [www.aag.org/cs/grantsawards](http://www.aag.org/cs/grantsawards).
15. AAAS Visiting Scholars Program. [www.aaas.org](http://www.aaas.org). Inquiries: (617) 576-5002; [vsp@amacad.org](mailto:vsp@amacad.org).
15. National Science Foundation Dissertation Research Improvement Grants. [www.nsf.gov/funding](http://www.nsf.gov/funding).
15. National Humanities Center Fellowships. <http://nationalhumanitiescenter.org>.
15. McColl Family Fellowship. [www.amegeog.org](http://www.amegeog.org).
18. AGS/McColl Research Fellowships. [www4.uwm.edu/libraries/AGSL/fellowships](http://www4.uwm.edu/libraries/AGSL/fellowships).
18. Helen and John S. Best Research Fellowships. [www4.uwm.edu/libraries/AGSL/fellowships](http://www4.uwm.edu/libraries/AGSL/fellowships).

## DECEMBER

1. AAG Anderson Medal. <http://agsg.binghamton.edu>.
31. AAG Anne U. White Fund. [www.aag.org/cs/grantsawards](http://www.aag.org/cs/grantsawards).
31. AAG Darrel Hess Community College Geography Scholarships. [www.aag.org/cs/grantsawards](http://www.aag.org/cs/grantsawards).
31. AAG Dissertation Research Grants. [www.aag.org/cs/grantsawards](http://www.aag.org/cs/grantsawards).

31. AAG Research Grants. [www.aag.org/cs/grantsawards](http://www.aag.org/cs/grantsawards).
31. AAG E. Willard and Ruby S. Miller Award. [www.aag.org/cs/grantsawards](http://www.aag.org/cs/grantsawards).
31. AAG International Geographic Information Fund. Student Travel Grant, Student Paper Award, and Graduate Research Award. [www.aag.org/cs/grantsawards](http://www.aag.org/cs/grantsawards).
31. AAG Mel Marcus Fund. [www.aag.org/cs/grantsawards](http://www.aag.org/cs/grantsawards).
31. AAG Meredith F. Burrill Award. [www.aag.org/cs/grantsawards](http://www.aag.org/cs/grantsawards).
31. AAG Hoffman Award. [www.aag.org/cs/grantsawards](http://www.aag.org/cs/grantsawards).
31. J.B. Jackson Prize. [www.aag.org/cs/grantsawards](http://www.aag.org/cs/grantsawards).
31. AAG Glenda Laws Award. [www.aag.org/cs/grantsawards](http://www.aag.org/cs/grantsawards).
31. AAG Meridian Book Award. [www.aag.org/cs/grantsawards](http://www.aag.org/cs/grantsawards).
31. AAG Globe Book Award. [www.aag.org/cs/grantsawards](http://www.aag.org/cs/grantsawards).

## AAG Grants and Competitions

The AAG offers numerous grants and awards. Visit [www.aag.org/cs/grantsawards](http://www.aag.org/cs/grantsawards) for a full listing including detailed descriptions, deadlines, and application procedures.

## NSF Grants and Competitions

Detailed information about NSF grants and awards is available at [www.nsf.gov](http://www.nsf.gov).

## Call for Field Trip and Workshop Proposals

The AAG is currently seeking field trip and workshop proposals for the upcoming AAG Annual Meeting, to be held April 12-16, 2011, in Seattle, Washington. Workshops and field trips are excellent ways to meet other conference attendees with similar interests and exchange ideas.

Seattle and the surrounding region offer many interesting possibilities for field trips across a diverse range of geographical interests. Specialists from biogeography to urban geography will find much to see and do, and the wide range of accessible interests include wildlife, wineries, glacial landscapes, museums and sculpture parks, coastal processes and estuaries, and Seattle's many diverse neighborhoods. Specific field trip locations will include Pioneer Square, Belltown, Pike Place Market, Whitby Island, Puget Sound, and Mount Rainier National Park. Seattle is also an excellent environment for exploration on foot, offering many possibilities for walking tours.

If you are interested in organizing a field trip or workshop for the 2011 AAG Annual Meeting, visit [www.aag.org/cs/annual\\_conference](http://www.aag.org/cs/annual_conference) for the appropriate submission forms or contact Oscar Larson at meet-

ing@aag.org for more information. Field trip and workshop proposals should be submitted by **November 1, 2010**.

In keeping with the AAG's effort to promote the fair and equal treatment of members, field trips organized by AAG members or specialty groups at the Annual Meeting will, as a rule, be open to all members. In instances where a member or specialty group wishes to organize a field trip that explicitly excludes any group of AAG members, the organizer will petition the AAG Council for an exception to this policy by the date when field trip proposals are due. If Council grants the exception, notice will be given in the *AAG Newsletter*, along with an explanation of the reason for the exception. Please keep this rule of open access in mind as you organize your field trip.

Visit "Places OnLine" at [www.placesonline.org/sitelists/nam/usa/dc.asp](http://www.placesonline.org/sitelists/nam/usa/dc.asp) to find more places of geographical interest in and around Seattle.

See [www.aag.org/cs/annual\\_conference](http://www.aag.org/cs/annual_conference) for additional information about the 2011 AAG Annual Meeting. Deadline for the submission of abstracts is **October 20, 2010**.

## 2010

### JULY

26-28. MapAsia 2010 & ISG 2010. Kuala Lumpur, Malaysia. [www.mapasia.org/2010/home.htm](http://www.mapasia.org/2010/home.htm).

### AUGUST

3-7. Local Food Systems in Old Industrial Regions: Challenges and Opportunities. IGU Commission on the Dynamics of Economic Spaces. Toledo, OH. [http://uac.utoledo.edu/igu\\_commission/ToledoMC2010-Home.htm](http://uac.utoledo.edu/igu_commission/ToledoMC2010-Home.htm).

4-5. 6th International Conference on Sustainable Development. Nsukka, Nigeria. [www.irdionline.org](http://www.irdionline.org).

6-10. Home, Migration, and the City: New Narratives, New Methodologies. Linköping, Sweden. [www.esf.org/conferences/10317](http://www.esf.org/conferences/10317).

8-12. 2010 The Meeting of the Americas. Foz do Iguaçu, Brazil. [www.agu.org/meetings/ja10](http://www.agu.org/meetings/ja10).

16-18. 2010 URISA/NENA Addressing Conference. Charlotte, NC. [www.urisa.org/addressing/2010charlotte](http://www.urisa.org/addressing/2010charlotte).

### SEPTEMBER

1-3. Royal Geographical Society/Institute of British Geographers Annual Conference. London. [www.rgs.org/AC2010](http://www.rgs.org/AC2010).

1-3. Global Studies Association Conference. Oxford, UK. [www.criticalglobalisation.com](http://www.criticalglobalisation.com).

12-14. Society for the History of Discoveries 51st Annual Meeting. Santa Fe, NM. [www.sochistdisc.org](http://www.sochistdisc.org).

14-17. **GIScience 2010**. Zurich, Switzerland. [www.giscience2010.org](http://www.giscience2010.org).

15-18. **AAG Pacific Coast Regional Meeting**. Coeur D'Alene, ID. [www.uidaho.edu/sci/geography](http://www.uidaho.edu/sci/geography).

28-29. Building Sustainability into the Middle East. Dubai, UAE. [www.constructionweekonline.com/conf/sustainability10auh](http://www.constructionweekonline.com/conf/sustainability10auh).

29-OCT 3. National Conference on Geography Education. Savannah, GA. [www.ncge.org](http://www.ncge.org).

### OCTOBER

6-8. Race, Ethnicity, and Place Conference. Binghamton, NY. <http://rep-conference@binghamton.edu>.

8-9. **AAG Great Plains/Rocky Mountain Regional Meeting**. Lawrence, KS. <http://geography.unco.edu/GPRM>.

8-12. Argentine Bicentennial Geography Conference. Buenos Aires. [www.gaea.org.ar](http://www.gaea.org.ar).

13-16. Pioneer America Society 42nd Annual Conference, Castleton, VT. <http://www.pioneeramerica.org/annualmeeting2010.html>.

13-17. NACIS 2010 conference. St. Petersburg, Florida. [www.nacis.org](http://www.nacis.org).

14-16. **AAG Southwest Regional Meeting**. Northeastern State University, Tahlequah, Oklahoma. [www2.geog.okstate.edu/swaag](http://www2.geog.okstate.edu/swaag).

21-23. 33rd Applied Geography Conference. Fort Worth, TX. <http://applied.geog.kent.edu>.

22-23. **AAG Middle States Regional Meeting**. West Point, NY. <http://departments.bloomu.edu/geo/msd/index.html>.

22-23. **AAG East Lakes Regional Meeting**. Grand Rapids, MI. [www.eastlakesaag.org](http://www.eastlakesaag.org).

22-23. **AAG West Lakes Regional Meeting**. Macomb, IL. [www.macalester.edu/geography/09aagwestlakes.htm](http://www.macalester.edu/geography/09aagwestlakes.htm).

25-27. Montclair State University International Symposium on Sustainability Science. Montclair, NJ. <http://csam.montclair.edu/sustainabilitystudies>.

29-30. **AAG New England/St. Lawrence Valley Regional Meeting**. Storrs, CT. [www.nestval.org](http://www.nestval.org).

29-31. Migration and the Global City conference, Ryerson University. Toronto. [www.riis.ryerson.ca/call4papers](http://www.riis.ryerson.ca/call4papers).

### NOVEMBER

5-6. **AAG Middle Atlantic Division (MAD) Regional Meeting**. York, PA. [www.gwu.edu/~madaag](http://www.gwu.edu/~madaag).

9-12. Pan-American Institute for Geography and History (PAIGH) General Assembly. Lima, Peru. [www.ipgh.org](http://www.ipgh.org).

21-23. **AAG Southeast Regional Meeting**. Birmingham, AL. [www.sedaag.org](http://www.sedaag.org).

### 2011

#### APRIL

**16-18. AAG Annual Meeting.** Seattle, WA. [www.aag.org](http://www.aag.org).

### 2012

#### FEBRUARY

**24-28. AAG Annual Meeting.** New York, NY. [www.aag.org](http://www.aag.org).

## Garrison Award Competition

Nominations Due: September 2, 2010

The biennial William L. Garrison Award for Best Dissertation in Computational Geography supports innovative research into the computational aspects of geographic science. The award is intended to arouse a more general and deeper understanding of the important role that advanced computation can play in resolving the complex problems of space-time analysis that are at the core of geographic science. The award is one of the activities

of the Marble Fund for Geographic Science of the Association of American Geographers (AAG).

The Garrison award consists of a cash prize in the amount of \$3,500 and a certificate of merit. The formal presentation of the Garrison Award will take place at the AAG Annual Meeting following the announcement of the award.

This award was created to honor Dr. William L. Garrison, who was instrumental

in the evolution of geographic science and geographic information systems and was one of the first geographers to make use of computational approaches to the solution of geographic problems.

For complete information about eligibility, criteria, and application procedures, please refer to the AAG webpage at: [www.aag.org/cs/garrison](http://www.aag.org/cs/garrison).

Nominations are due by **September 2, 2010**.

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

Periodicals  
postage paid  
at  
Washington,  
DC

Publications Mail Agreement No. 40717519 Return undeliverable Canadian addresses to: PO Box 503, RPO West Beaver Creek, Richmond Hill, ON L4B 4R6

## AAG Marble-Boyle Undergraduate Achievement Awards in Geographic Science

The AAG Marble Fund for Geographic Science is accepting applications for the 2011 Marble-Boyle Undergraduate Achievement Awards. The awards recognize excellence in academic performance by undergraduate students from the United States and Canada who are putting forth a strong effort to bridge geographic science and computer science as well as to encourage other students to embark upon similar programs.

Each of the Marble-Boyle Undergraduate Achievement Awards consists of a cash prize of \$700, a \$200 credit for books published by the ESRI Press, and a certificate of recognition. Priority consideration is given to any of the awardees who may be interested in participating in ESRI's summer internship program. Marble-Boyle awardees will also be eligible to compete for an additional research fellowship award that is being offered by the

MicroGIS Foundation for Spatial Analysis (MFSA), which includes access to research facilities and all transportation and housing costs for up to four months of work in Lausanne, Switzerland.

Information on eligibility, application guidelines, and prior awardees is available at [www.aag.org/cs/marble-boyle](http://www.aag.org/cs/marble-boyle). Digital submissions to [grantsawards@aag.org](mailto:grantsawards@aag.org) are due by **October 15, 2010**.

## AAG Enhancing Diversity Award Nominations

Nominations are now being accepted for the 2010 AAG Enhancing Diversity Award. The award honors those geographers who have pioneered efforts toward or actively participated in efforts toward encouraging a more diverse discipline over the course of several years. Individuals

are eligible, regardless of their status as AAG members. In the past, the AAG has honored Saul Cohen, Don Deskins, Joe Darden, Jackie Beyer, Jan Monk, Reg Golledge, Glen Elder, and John W. Frazier. Please include the complete name and address of the nominee and a concise (500

words maximum) yet specific description of the accomplishments that warrant the nominee's selection. Digital submissions to [grantsawards@aag.org](mailto:grantsawards@aag.org) are preferred. Nominations are due by **September 15, 2010**.