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Supporting Sustainable Development in Africa

The AAG has been involved for many years in working with universities in Africa, especially around themes of Geospatial Science and Sustainable Development. These programs have included the AAG's My Community, Our Earth (MyCOE), and the U.S. Department of State's Global Dialogues on Emerging Science and Technology (GDEST) program, and have involved long-term partners such as EIS-Africa, UNEP, UN-Habitat, Harvard University, the late Wangari Maathai's Green Belt Movement, the Jane Goodall Institute, and other organizations, and funding from the National Science Foundation (NSF), NASA, the U.S. Department of Housing and Urban

Development (HUD), the U.S. Department of State's Bureau of Oceans and International Environmental Scientific Affairs (OES), Foundations, and USAID. These collaborative efforts respond to needs as defined by Africans around issues of sustainable development, environment, education and economic development.

These multiple programs grew out of an exploration initiated through the GDEST program. In spring 2008, AAG Executive Director Doug Richardson travelled to Africa as one of 17 U.S. representatives selected to participate in interactive discussions with hundreds of African geographers, GIScientists, and environmental

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Geographies of Wine in Southern California

Mention of California wine brings visions of northern California's famed Napa Valley or Sonoma County, or for the more knowledgeable, maybe Lodi. Thoughts of Southern California¹ likely center on Disneyland, Hollywood, the Los Angeles mega-city, or perhaps beautiful coastal beaches. For those of you attending the **2013 AAG Annual Meeting** next spring in Los Angeles, if you search a bit, though, you'll find wineries and vineyards scattered around the state's southern counties, some of them offering wines of notable quality. Their contribution to California's wine production today, however, barely

registers on the hectoliter scale. That said, the first vines planted in the state took root in San Diego, and in Los Angeles the state's first commercial wines appeared. This region served as the birthplace of California wine, and until the 1960s a moderately-sized industry held forth.

California's First Wines

The Spaniards brought vines with them as they moved northward into what is today California from the Baja California peninsula toward the end of the eighteenth century. The missions were the principal actors here, and with each mission came vineyard plantings, modest wine and brandy production, but no real commercial industry. In the 1820s non-Spaniards appeared on the scene and established the initial commercial vineyards and wineries. Early production centered on Los Angeles, but soon spread to various corners of southwestern California. This area continued to lead California's wine production

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The California Gold Rush of 1849 helped spur the Southern California wine industry. See article at right. Pictured is a 45-ton concrete statue commemorating the discovery of gold in Auburn, California.

AAG Abstract Submission Deadline is October 24.

See www.aag.org/annualmeeting to submit your abstract and to register.

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Douglas Richardson, Publisher
and Managing Editor

Jim Ketchum, Editor

AAG Voice 202-234-1450

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newsletter@aag.org

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scientists in universities, NGOs, government agencies throughout the continent. Preceding a conference held in Cape Town, South Africa, teams conducted over 50 site visits and met with many local experts throughout Africa to identify needs as defined by Africans, and find ways to build upon existing capacity in African science and technology for sustainable development. While the diffusion, sophistication, and use of geospatial science and applications had increased significantly since the World Summit on Sustainable Development in 2002, African geographers and other scientists indicated that the effective use of geospatial information science was being hampered by a lack of resources, access to data, and coordination among users and data producers.

As part of these activities, the AAG also co-organized a conference in May 2009 at Harvard University's Kennedy School of Government on "Geospatial Science and Technology for Sustainable Development in Africa: Partnerships and Applications," which gathered African and U.S. scientists, geographers, and representatives from foundations, the government, universities, private, and non-profit sectors to discuss successful public-private partnerships and ways these might serve sustainable development needs in Africa.

Similarly, in 2010 the AAG collaborated with the U.S. Department of State, U.S. Department of Housing and Urban Development (HUD), and Egyptian planners and government officials on a four-day conference and workshop in Cairo, Egypt. This joint U.S.-Egypt workshop focused on Sustainable Urban Management, designed to promote the use of better information for urban planners and decision-makers in medium to large cities in Egypt. The Egyptian planners sought to improve the efficiency and sustainability of service delivery in the burgeoning urban centers.

The AAG has more recently also been working closely with African universities and NGOs in the Lake Victoria region of East Africa, including UNEP, UN-Habitat, the Regional Centre for Mapping Resources for Development (RCMRD), Makerere University, EIS-Africa and other partners. The efforts

in this region are focused on assessing gaps in fundamental datasets needed in the planning and management of the Lake Victoria Basin, and also in building capacity by training teams of regional planners, administrators and university students in the uses and applications of GIScience for sustainable development.

On June 25-29, 2012, the AAG co-hosted such a training workshop in Kampala, Uganda with long-time AAG partners EIS-Africa and Makerere University. This workshop focused on enhancing the capacity of urban planners who work in the Lake Victoria region to use geographic concepts and data to address the consequences of urban sprawl and increasing population pressure negatively affecting the natural environment there.

The Kampala workshop and follow-up activities met a need expressed by Africans for training and access to data for planning and environmental protection. The workshop was held at Makerere University, Uganda's largest institution of higher learning. The university's Geography Department also hosts the Uganda Geographical Society, which founded the *East African Geographical Review*, a predecessor to the *African Geographical Review*, published since 2000 by the Africa Specialty Group of the AAG. The AAG recently entered into an agreement with Taylor and Francis to enable the continued publication and wider distribution of the *African Geographical Review* by the ASG.

The Uganda workshop paired six urban planners with six university students into teams, working to develop base urban planning maps for specific municipalities. This capacity-building exercise supported the need for sustainable and systematic planning in rapidly growing communities bordering Lake Victoria. The State Department/OES provided high resolution satellite images of the planners' townships and districts, while Makerere University hosted the trainers and participants in its computer lab.

On the last day of the workshop, special guests from local and regional governmental organizations, NGOs and development institutions (among them UNEP, USAID, the Lake Victoria Basin Commission, UN-

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Beyond the U.S. Academy

Our Association has become a “center of calculation” for Geography around the world. Its annual meetings attract more geographers, presenting more research, than the quadrennial International Geographic Union meetings. U.S. geography departments, along with those in the UK, Canada, Australia, Ireland and New Zealand, dominate the production and dissemination of geographic research, not least through the overwhelming influence of English language journals. Can we do better?

In my experience, scholarly excellence is substantially enhanced by a greater diversity of voices and participants. I spent two decades closely working with a cutting-edge graduate program (now the Interdisciplinary Center for the Study of Global Change) at the University of Minnesota, whose student body has included 33% non-white U.S. students and 40% from abroad (mostly African, Asian and Latin American). I observed first-hand how such geo-demographic diversity (intersecting with other identities) generated some of the most stimulating and insightful academic exchanges of my career, enabling its young scholars to gain confidence, produce innovative knowledge, and pursue remarkable careers worldwide. More diverse participation also can strengthen geographic excellence. Consider how the increased participation of women in U.S. geography, while far from fully realized, already has transformed how we think and work. Yet elite spaces of the U.S. academy, while powerful and exciting, display limited diversity. Realizing Geography's full potential will require moving beyond such spaces.

Within the U.S., elite academic spaces are exclusive in both senses of the term. Inequalities in educational resources and opportunity are increasing among U.S. post-secondary institutions (magnified by reduced public funding and higher tuition). Increased reliance on contingent faculty limits these scholars' access to research opportunities. The community you grow up in has become the most reliable predictor of educational achievement, and thereby the social class you can aspire to—in a country

where upward mobility is now lower than in supposedly more class-ridden Europe. The uneven geography of U.S. K-12 education, underwritten by increasing inequality and residential segregation, means that members of disadvantaged communities have limited opportunity to achieve their potential in high school, let alone college. Children from undocumented immigrant families face additional exclusions. These well-documented exclusionary biases are compounded in Geography, where the proportion of African-American, Hispanic and American Indian students remains distressingly small. These exclusions have proven stubbornly resilient, notwithstanding multiple disciplinary efforts to address this problem over decades, currently led by the AAC's ALIGNED initiative. Perversely, we are more successful recruiting African and Hispanic scholars from outside the U.S. than from within.

Diversifying participation in geographic scholarship within the U.S. also means getting beyond the Ivory Tower. The grounded nature of Geography makes it relevant to everyday life, and attractive to the private and public sector—including military and intelligence activities. Applied geographers work hard to take up these opportunities, some of which prove controversial when they impinge on scholarly ethics. It is important, however, that geographers engage also with civil society. Working with under-resourced communities, organizations and activists is undervalued in the U.S. academy, although this may shift as universities highlight public engagement and community-university partnerships. Geographers have made significant contributions to participatory action research methodologies, targeted toward involving community members as researchers shaping the questions asked, approaches taken and ethical norms. Geographers now appreciate the importance of science by the people—the knowledge produced by and recoverable from communities' experiences and practices—embraced under such terms

as indigenous knowledge and volunteered geographic information. Communities are not simply places from which to extract geographic information, however; there are many circumstances when they should be fully involved as research partners.

Getting beyond the Ivory Tower also

can make geography more relevant to ordinary people. Harold Rose once told me that so few blacks study Geography because it does not address issues they find relevant. We cannot await a more diverse cohort of U.S. geographers, assigning them the responsibility to make us more relevant. Geographers should work with partners

beyond the academy, developing peoples' geographies that illuminate and empower the heterogeneous livelihoods pursued by the 99%.

As President of the American Sociological Association, Michael Burawoy coined “public sociology” to embrace the kinds of engagement I have described. We should aspire to public geography. Yet taking its geography seriously means taking the world seriously by incorporating knowledge and expertise from geographers and non-academics worldwide into debates within U.S. academic Geography. Here, our annual meetings have significant, unrealized potential. We host the world's geographers, without listening carefully enough to how they can shape our thinking. AAG meetings should be where perspectives from beyond Anglophone geography fully engage with Anglophone counterparts, going beyond simply listening toward mutual, reciprocal critical engagement. As Tom Baerwald once suggested and Henry Yeung recently reiterated, we should think in terms of an American Association of Geographers rather than an Association of (U.S.) American Geographers.

Let me know what you think. ■

Eric Sheppard
esheppard@geog.uccla.edu



Sheppard

Geographer Named Senior VP and Provost at University of Arizona

Geographer Andrew Comrie has been named senior vice president for academic affairs and provost at the University of Arizona. As provost, Comrie will become the chief academic officer of the University, overseeing all academic programs and units exclusive of the health sciences. Comrie will return to the Office of the Senior Vice President for Research following his one-year term as provost. He holds a tenured appointment as professor in the School of Geography and Development and has been a member of the faculty at the University of Arizona for 20 years.

Comrie is a climatologist with a primary appointment in the School of

Geography and Development. He has several interdisciplinary appointments including Atmospheric Sciences and Public Health. Comrie received his undergraduate education at the University of Cape Town in South Africa. He earned his Ph.D. from Pennsylvania State University, and joined the University of Arizona in 1992. His research focuses on the connections between climate, disease vectors and pathogens. Comrie has also served as editorial board member and editor for several scientific journals.



Comrie

Comrie has served as dean of the Graduate College at the University of Arizona since January 2006. He led the university's graduate program in Geography for almost a decade. Comrie has served in national roles including the Council of Graduate Schools Board of Directors from 2008-2010, the AAU Association of Graduate Schools Executive Committee from 2010 to present, and the Board of Directors of the Graduate Record Examination from 2010 to present. ■

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Habitat, and the Ugandan Ministry of Water and the Environment) visited the workshop and were able to see first-hand the new skills and capabilities acquired by the student/planner teams. The guests also shared presentations on the work of their agencies and their priorities and goals. They later met in a strategic planning meeting with the partners and workshop organizers to explore possible future collaborations and ways to solve common problems in the Lake Victoria region. There is considerable interest in organizing training activities at the National University of Rwanda and in support of South Sudan's National Bureau of Statistics.

AAG Senior Manager, Program Development, Candida Mannozi, who co-organized the Kampala workshop, noted that "One of the really rewarding things about the workshop was how excited the students were

about GIS and mapping, and how much the planners appreciated access to current imagery for their focus area. They all picked up the new skills very quickly and enjoyed being able to create maps and visualize information for planning in the Lake Victoria region."

Makerere University student Patrick Okia said that the workshop "will remain one of the wonderful moments I have experienced in my career" and that he was impressed by the value of GIS "which I have now to continue building on through regular practice."

Students are eligible to receive internship credit for their participation in the workshop and follow-up work this summer. The planners will be able to immediately use the maps, data and related information in their work. All derived data will be made available on various open platforms hosted

by the program partners and other public or development organizations interested in obtaining and using this current information in support of their sustainable development activities. The students may also post their projects via the AAC's MyCOE geoportal (www.mycoe.org).

The AAC's "My Community Our Earth: Geographic Learning for Sustainable Development" program is also planning six additional workshops which will be held in Africa, Latin America and Asia during the next two years. The first of two of these workshops to be held in Africa will take place at the RCMRD in Nairobi, Kenya in December of 2012. ■

Sign-Up to Receive AAG SmartBrief

Designed for geographers, AAG SmartBrief is a FREE, weekly e-mail update that keeps you updated on the latest in geography news, research, technology and applications. Editors handpick key articles from hundreds of publications, do a brief summary of each and provide links back to the original sources. This is a quick, easy way to stay updated on developments in the discipline as well as news items that highlight geography and geographers. More than 6,500 AAG members have already registered for this free service.

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AAG Receives NSF Grant to Improve K-12 Teacher Preparation

The AAG has announced a new "Geo-Capabilities" project to research and improve transatlantic collaborations in geography teacher preparation.

The National Science Foundation (NSF) has awarded a grant to the AAG to conduct collaborative transatlantic research initially by geography educators in the United States, the United Kingdom, and Finland. Researchers involved in this effort are Michael Solem (AAG), Susan Heffron (AAG), Niem Huynh (AAG), David Lambert (Institute of Education), and Sirpa Tani (University of Helsinki). Richard Boehm, Director of the Grosvenor Center for Geographic Education at Texas State University, will supervise the project evaluation.

The "Geo-Capabilities" project will determine how geography contributes to the overall capabilities of K-12 students. The two major components of this project address capabilities (i.e., the principles of understanding topics like autonomy, human rights, citizenship, sustainable development, economy and culture).

The first component is an international comparative analysis of national geography standards, teacher preparation curricula and practices within the U.S., U.K., and Finland to determine how standards address the capabilities of students. The resulting synthesis report will illustrate for other nations

how capability concepts can bridge divergent conceptions and practices in geography education and set the stage for international collaborations in teacher preparation.

The second project component will design and implement a workshop convening geography professors and recent graduates from pre-service teacher education programs in the U.S. and the EU. Informed by the outcomes of content analysis research performed in the first year, participants will identify and ultimately bridge differing national conceptions of geography as an academic discipline, what it means to "think geographically," and the role of post-secondary teacher preparation in enhancing geographic education. Following the workshop, the participants will develop online educational resources that will connect pre-service geography teachers with international collaborative projects using the Center for Global Geography Education (CGGE) at the AAG. These educational resources will draw on an approach to curriculum development known as the "capability approach" to unify various national conceptions of geography in a way that enables aspiring geography teachers to engage the perspectives of their peers internationally as they develop expertise in the subject.

Geography plays an important role in everyday decision-making. Thinking

geographically underpins the practice of asking questions that identify changing relationships between places, and communicate patterns observed at various scales. These questions become more complex when viewed through an international lens. This project, founded on international partnership, will enhance geographic education through teacher preparation workshops and freely accessible professional development resources. The new CGGE case studies and collaborative projects will connect pre-service teachers online to study and discuss important geographic questions in their respective nations and provide them with important opportunities for cross-cultural understanding and geographic learning in relation to capability principles. Eventually, the students of project participants will experience similar opportunities to attain international perspectives on geographic content emphasized in national standards. Together, these cross-cultural research and educational activities will facilitate the development of internationally connected teacher preparation programs rooted in sophisticated international geography perspectives.

For further information about the "Geo-Capabilities" project, contact the project director, Michael Solem at msolem@aag.org. ■

AAG Marble-Boyle Undergraduate Achievement Awards in Geographic Science

The AAG Marble Fund for Geographic Science is accepting applications for the 2012 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 \$1,000, 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/marble-boyle. Digital submissions to grantsawards@aag.org are due by **October 15, 2012**.

until the late 1860s. The impact of the mid-nineteenth century Gold Rush in northern California and the concentration of greater numbers of people in the Bay Area and the Gold Country led to greater amounts of wine production in those areas. Despite competition from the north, vineyards and wineries continued to grow in number in Southern California, and some of the undertakings involved impressive investments.

Anaheim, the San Gabriel Valley and Cucamonga

While Los Angeles may have been the heart of early California wine production, it was the heart of a land with very few inhabitants. Some Los Angeles entrepreneurs found prosperity making wine, built substantial structures and began to send wines northward following the Gold Rush, which greatly expanded the existing California wine market. By the 1850s, however, the largest scale operations found suitable land elsewhere in the south.

In the 1850s fifty German families formed a wine-purposed community alongside the Santa Ana River in Orange County, calling it Anaheim. By the late 1860s it became the most significant wine producer in the state for a short spell, only to be done in by what was likely Pierce's Disease by the end of the 1880s.

In the San Gabriel Valley to the east of Los Angeles, the Lake Vineyard and Winery of the 1860s and 1870s led to the San Gabriel Wine Company of the 1880s, whose owners announced their winery as the largest in the world. Built in newly founded Alhambra, its capacity exceeded 47,300 hectoliters, a behemoth for its day. Marketing problems, disease, expanding orange orchards and suburbanization made life short for this enterprise.² Today, as in Anaheim, one would search in vain to find vestiges of earlier viticultural enterprise. Horses gallop the ground at Santa Anita Racetrack where vines earlier blossomed, just as Disneyland covers the soil that anchored the vines of the Anaheim settlement. But a measurable wine industry continued to thrive in parts of Los Angeles County until the mid-twentieth century.

As late as 1940, 2000 hectares of vineyard and 49 wineries still found a home there.

The heart of Southern California's wine production had moved to the area around Cucamonga, in southwestern San Bernardino County by the 1890s, and spilled over into adjacent parts of northwestern Riverside County. By the turn of the century, an Italian immigrant, Secondo Guasti, claimed to have the largest vineyard in the world, 2000 hectares eventually, and founded a village named after him. The wine industry of this area, heavily influenced by Italian immigrants, continued to be viable for several decades, with over 10,000 hectares still planted in 1956 and over 8,000 in 1965. But suburbanization, smog, and the growth of the Ontario airport spelled the end. As late as 1970 San Bernardino County had more hectares of bearing³ wine grapes than either Napa or Sonoma Counties. But by 1975 hectareage had declined to a bit over 4000 hectares, and today only a couple of hundred hectares remain. Old wineries from Prohibition days and earlier still survive, now surrounded by urban development, such as the Galleano Winery in Mira Loma (since 1933). But with the beginning of the Wine Revolution⁴ in California in the late 1960s, Southern California's wine face has taken on a new visage.

Temecula

In the late 1960s, vines took root in an area of southern Riverside County in a seemingly unlikely spot in the near-desert environs not far from the old town of Temecula. By the mid-1970s several wineries appeared, hectareage grew, and Temecula became, and continues to be, the center of today's Southern California wine industry. In the 1980s and 1990s Temecula housed over 1000 hectares of vines. The area grew up in the early days of the California Wine Revolution and growers here took note of these developments (see endnote 4), planting premium varieties such as Chardonnay and Sauvignon Blanc. The early focus centered overwhelmingly

on white varieties, reflecting market trends of the 1970s, and by the early 1980s a dozen wineries had appeared in the area.

Temecula's turn toward an emphasis on high quality wine varieties was a first for Southern California. Earlier efforts in the Cucamonga area and elsewhere focused more on varieties such as Palomino, Mission and Carignane for dessert wines (which lead California production until the late 1960s) and jug wines. While Zinfandel grew widely, these were the days before recognition of the variety's capability for superior



Reminders of Southern California's historic wine industry, such as this delivery truck dating from the 1930s, dot the local landscape.

CREDIT: WILLIAM CROWLEY

table wines. Prior to the 1970s it filled many a large vessel as part of a red blend.

Alas, at the turn of the millennium a new critter spreading an old plague hit Temecula's vineyards. The Glassy-winged Sharpshooter, a recent insect arrival to the state, injected the area's grapes with a bacterium that results in Pierce's Disease. Infected vines die in short order, and in Temecula the pest brought rapid devastation. Nearly half of Temecula's vineyards succumbed. The experience here led to substantial and expensive quarantine efforts around the state to hold the invader at bay. These attempts have been quite successful with major impact restricted to Southern California.⁵ In the last decade, replanting has returned Temecula's vineyard expanse to 900 hectares.

The New Southern California Winescape

Vineyards presently cover about 1400 hectares in Southern California, with sixty

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percent of these in Temecula. Given the massive urban sprawl that consumes much of the landscape of southwestern California, possibilities of large-scale vineyard planting seem unlikely. Vineyards, orchards, dairies and field crops have given way to subdivisions for several decades, from Riverside to San Diego to Los Angeles and beyond. Yet the growth in the wine market in the new millennium, together with the cachet of having one's own winery has led to pioneering in new environs since the late 1990s. In general, these efforts involve small, sometimes isolated operations. Mountainous landscapes where little else might be pursued agriculturally, exurban edges, or desert land have hosted the bulk of the new enterprises.

These new vineyards and wineries, many at the micro-scale, have appeared in widely separated venues, locales where vineyards are never likely to be more than a footnote to nearby suburbs, citrus orchards, nursery greenhouses or chaparral. In the arid reaches of northeastern Los Angeles County, a few vineyards and wineries have found a home in the Antelope Valley, the far western extension of the Mojave Desert. Small wineries



Temecula, shown here in winter, is the center of today's Southern California wine industry.

CREDIT: WILLIAM CROWLEY

with adjacent vineyards have carved out an existence in the complicated topography of the coastal San Gabriel Mountains of western Los Angeles County, within view of the Pacific Ocean above Malibu. In Orange County a winery and vineyard occupy similar terrain in the mountains inland from Laguna Beach. San Diego County has witnessed a flowering of small winery enterprises in a number of locations. Premium red varieties such as Cabernet Sauvignon, Pinot Noir and Syrah dominate newer plantings in almost all of these undertakings.

An additional phenomenon, not restricted to Southern California by any means, is the "urban micro-winery," as Orange Coast Winery describes itself, where the "wine-

maker uses the finest grapes from renowned wine growers across several California wine growing regions."⁶ The winery has no vineyards of its own. On the other hand, not far away in Newport Beach an urban location with 1200 vines supports a micro-winery's total production.

Well over 100 wineries now operate in California's southern reaches, with the number growing measurably over the last two decades. Coinciding with this increase in vineyards and wineries, their owners sought government recognition for the distinctiveness of their wine districts. For the name of a given area to appear in print on a wine label (other than a state or county name), approval must be granted by the federal government which also establishes boundaries for the wine district, known as an AVA (American Viticultural Area). Ten AVAs have been approved for areas in Southern California, some of them housing only one or a few wineries each. Two of these AVAs are sited

within spitting distance of one another to accommodate Malibu area vineyards. One is called Malibu-Newton Canyon and the other goes by Saddle Rock-Malibu.

On the Mojave Desert, three AVAs have been designated in the Antelope Valley where fewer than ten wineries do their fermenting.

The romance of the vine, the massive market represented by the Southern California metro complex, and areas with attractive growing conditions (especially areas with marine influence) have led to a mini-renaissance in that part of California where the Spanish fermented the state's first *Vitis vinifera* crops. The focus of the new (and now old as well) wineries and vineyards centers on high quality table wine from premium grapes in virtually every new planting, or every import of fruit from other parts of the state. While the consumer

will never see most of these wines on the shelves of their nearest wine purveyor (because of very limited production), if s/he sets off awandering in outer suburbs, difficult mountain pathways or the western reaches of the Mojave Desert, s/he might just find some wine awaiting. ■

William K. Crowley
crowleyw@sonoma.edu

Professor Emeritus William Crowley taught a Wine Geography course for over 30 years in Sonoma State University's Department of Geography and Global Studies. He has conducted research in, and published academic articles on, the wine industries of France, Chile, Mexico and California.

NOTES

¹Santa Barbara County, part of Southern California for many, is not included in this effort because, in the world of wine, it is considered part of the "Central Coast." San Diego County, part of the region under discussion, gets short shrift in this piece because of space limitations. It does possess a worthy wine history of its own, with a reported 2400 hectares in production in 1889 and another 3000 not yet bearing (Pinney, p. 313). Vineyard operations have grown modestly over the last two decades (now around 200 hectares) and an estimated 50 wineries function.

²Thomas Pinney, 1989. *A History of Wine in America, from the Beginnings to Prohibition* (Berkeley, University of California Press), 294-309.

³Grape vines are not considered bearing (yielding a crop) until they are three years old. In 1970 Napa and Sonoma had more total hectareage in grapes than San Bernardino because of the numerous recently planted vineyards that were still non-bearing.

⁴The California Wine Revolution began in Napa County in the 1960s and involved planting more premium varieties of grapes, employing new practices in the vineyards (improved trellising methods, drip irrigation, reduced crop load, etc.) and technological advances in the winery (temperature-controlled stainless steel fermentation tanks—especially for white wines, French oak barrels for aging red wines, horizontal bladder presses and more). The end result was rapid improvement in the quality of much California wine.

⁵Pierce's Disease put the Anaheim Colony out of business in the 1880s and has hit thousands of hectares in Sonoma and Napa Counties, among other places, in the last twenty years. The Bluegreen Sharpshooter has carried the poison in these cases. This cousin of the Glassy-winged Sharpshooter does not fly as far and is more easily controlled.

⁶www.orangecoastwinery.com, accessed on July 17, 2012.

World Geography Bowl in Los Angeles to be Event's 20th Anniversary

First held in 1994, the World Geography Bowl is a quiz bowl style contest between teams of students representing the AAG's regional divisions. It is held each year at the AAG Annual Meeting. Celebrating its 20th national event, the World Geography Bowl will bring the excitement of team competition to the 2013 Annual Meeting in Los Angeles.

The Bowl's director, Andrew Shears, Assistant Professor of Geography at the University of Wisconsin-Fox Valley, strongly believes in the Bowl's missions: to have fun, and to bring students to the Annual Meeting.

"Conferences are busy and serious events," Shears said. "The World Geography Bowl provides a bit of respite in that by challenging the participants and spectators with some lighthearted but intellectually engaging fun."

Perhaps even more important to Shears is the event's outreach potential.

"I know that some academic geographers scoff at the idea of a trivia competition," Shears explained, "but here's the thing: in our efforts to distance our discipline from the commonly held misconception of geography being the memorization of maps, we've lost something that comes naturally to spatial thinkers. No, trivia is not the meat of our field, but how many of us started as geographers by gazing at maps? I'd guess the majority of us did. We need to embrace this, at least more than we do."

To Shears, the World Geography Bowl serves as an excellent opportunity to expose students to the wide variety of research presented at the Annual Meeting. Team members who participate in the World Geography Bowl receive travel

funding from the region they represent, and regional funding up to \$500 per team is matched by the AAG. Since 1994, over 800 students have participated in the World Geography Bowl competition at national meetings.

"That funding makes a difference to these students," Shears said. "There were years when I competed in the Bowl that, without funding generously provided by East Lakes and the AAG, I would not have been able to attend the Annual Meeting."

In his second year at the Bowl's helm, Shears is seeking to continue expansion forged through the hard work of his predecessors. Begun as an invitational competition between North Carolina universities in 1987, the Bowl quickly gained popularity and spread throughout the Southeast Division. Organizers started a national event at the 1993 Annual Meeting with an exhibition match, with a full slate of interregional competition beginning the next year. In 2012, eight teams competed, with the Great Plains and Rocky Mountain Division winning the championship.

Shears thinks that it's time for the Bowl to get even bigger, and his plan starts with bringing in more competitors.

"I'd like to see all nine of the AAG's regional divisions send teams each year," Shears said, "and I'd like to see each division provide a full measure of financial support for the students. More teams competing brings more students to the Annual Meeting."

In addition, Shears is targeting the inclusion of international teams in the competition. The main barrier preventing the competition from widening its scope internationally is a lack of funding.

"Last year, we had interest from teams representing Canada, the U.K., Puerto

Rico, Colombia, China and Ghana" Shears told the *AAG Newsletter*, "but we didn't have funding to support these students. Because they fall outside AAG's regional division structure, it's difficult to find money." Shears has been seeking corporate sponsors for the event, specifically for the purpose of expanding access to international competitors. International teams have competed sporadically in past World Geography Bowls, but Shears believes it's appropriate to make a concerted effort to welcome these teams, especially with attendance at AAG meetings becoming increasingly international.

With more teams and competitors, the World Geography Bowl will need to add to its dedicated roster of volunteers.

"One thing that I found when I took over the Bowl was that our volunteers immediately stepped up and made my job easy," Shears said. "We've got some really fantastic people who are dedicated to making this event happen, but we always need more."

Get Involved

Anyone interested in volunteering for the World Geography Bowl, as a question writer, question editor, or as an official at the event in Los Angeles, should contact Shears at andrew.shears@uwc.edu.

Any student who wants to join a team or organize one should contact his or her regional division officers for more information. Teams must include at least one man, one woman, one graduate student, and one undergraduate. Regional competitions often take place each fall at AAG Regional Division Meetings. The official rules are available by contacting andrew.shears@uwc.edu. ■

Geography Awareness Week

Geography Awareness Week will be held November 11-17, 2012 (see GeographyAwarenessWeek.org). GIS Day is November 14 (see www.gisday.com). For more on Geography Awareness Week, see page 16.

Washington Monitor

RESTORE Act Includes Research Funding for Gulf States

It is no small secret that Washington has been mired in gridlock for much of the last two years. So it was at least somewhat surprising when agreement was reached in early July on a federal highway bill (H.R. 4348) that funds many transportation and related programs. Tucked away as part of that legislation (§§ 1601-1608) is the RESTORE (Resources and Ecosystems Sustainability, Tourism Opportunities, and Revived Economies) Act, provisions for expenditure of the funds that BP is paying to the government as a penalty for the 2010 Deepwater oil spill.

As of this writing, BP and the government have yet to reach a final settlement agreement, but it has been suggested that the penalty could be in the \$15 billion range. Under §1605 of H.R. 4348, 2.5 percent of this money (likely hundreds of millions of dollars) will be made available to the affected states (Florida, Alabama, Mississippi, Louisiana, and Texas) through grants to establish research centers of excellence to study topics related to impacts on the gulf area.

The bill specifies that each center shall focus on science, technology, and monitoring in at least one of the following disciplines:

- Coastal and deltaic sustainability, restoration and protection, including solutions and technology that allow citizens to live in a safe and sustainable manner in a coastal delta in the Gulf Coast Region.
- Coastal fisheries and wildlife ecosystem research and monitoring in the Gulf Coast Region.
- Offshore energy development, including research and technology to improve the sustainable and safe development of energy resources in the Gulf Coast Region.
- Sustainable and resilient growth, economic and commercial development in the Gulf Coast Region.
- Comprehensive observation, monitoring, and mapping of the Gulf of Mexico.

These centers will likely provide an opportunity for geographers to conduct critical research as the Gulf Region continues to deal with fallout from the tragic spill. Senator Mary Landrieu (D-LA), the Senate sponsor of the RESTORE Act, indicated that, "As demonstrated during the aftermath of the BP oil spill, there is a great need for coastal and oceans research. The centers of excellence that will be established by the Act will facilitate coordinated research efforts to help us respond to natural and manmade disasters with the best possible science."

At this point, many details are still unclear as to how specific provisions of the legislation will be implemented, and much hinges on the amount of the settlement. A spokesman for Texas Governor Rick Perry's office indicated that their state is in the early stages of coordinating a structure for implementation of the RESTORE Act and that more will be known once exact funding amounts provided under the law are clear. We will continue to provide updates on this important new source of government research funding as details emerge.

Support Grows for AAG Education Resolution

The "AAG Resolution Supporting K-12 Geography Education" has continued to garner support this summer. The resolution explains the value and importance of geography education and urges policymakers to include geography and geospatial education in Science, Technology, Engineering, and Mathematics (STEM) proposals; to include funding for geography education as part of a reauthorized Elementary and Secondary Education Act; and to enhance geography teacher training.

In addition to the many geography organizations, environmental groups, and public officials who have already backed the resolution, the following have also endorsed the resolution recently:

- **Governor Benigno Fitial, Northern Mariana Islands:** Governor Fitial was first elected in 2005 and won a second term in 2009. He served previously in the Islands'

legislature and is the first Governor of Carolinian descent (a minority group with ancestry from the Yap and Chuuk islands groups in the present-day Federated States of Micronesia).

- **The Boeing Company** is a worldwide leader in the aerospace industry and is the largest U.S. exporter by value. Boeing was founded in 1916 and is one of the largest producers of commercial airplanes.
- **General Motors Company** is the world's largest automaker by vehicle unit sales and is a top-ten mainstay in the annual Fortune 500 rankings. GM employs over 200,000 people worldwide and has over 22 percent of the U.S. automotive market share.
- **Raytheon** is a major American industrial corporation with core manufacturing concentrations in defense products and commercial electronics. The company has been based in Massachusetts since its incorporation in 1922.
- **SAIC** (Science Applications International Corporation) provides scientific, engineering, systems integration, and technical services and solutions to a wide range of government agencies and other customers.
- **Southwest Airlines** was first established in 1967 and is currently the largest low-cost carrier in the United States. Southwest operates more than 3,300 flights per day with service to 97 destinations in 42 states.

The full text of the resolution and a list of all endorsers can be found at www.aag.org/AAGEducationResolution. We are grateful to Governor Fitial and these leading companies for their support of geography education.

Congressional Spending Deal Reached

On July 31, Washington was abuzz with the news that House Speaker John Boehner (R-OH) and Senate Majority Leader Harry Reid (D-NV) had agreed to continue government spending at current

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AAG's SAGE Affinity Group Announces Initiatives for 2012-2013

The AAG's Stand Alone Geographers (SAGE) Affinity group is planning several new initiatives for the 2012-2013 academic year. These initiatives were announced by the new co-chairs of SAGE, Amanda Rees of Columbus State University (rees_amanda@columbusstate.edu) and Brian E. Johnson of Auburn University Montgomery (brianjohnson@aum.edu).

First and foremost, SAGE encourages potential members to join and benefit from the community, support, and networking provided by the affinity group. Once a member of the AAG, it costs an additional \$1 to join the SAGE Affinity Group. All stand-alone geographers, as well as those working in institutions with few geography-trained colleagues, are very welcome to join.

Second, to aid that networking, all existing and new SAGE members are welcomed and encouraged to sign up for SAGE emails through the AAG Knowledge Communities on the main AAG website. Having logged into www.aag.org, click Membership>Knowledge Communities>Set Email Preferences. Join SAGE and sign up for emails to share ideas on strengthening geography at your institution, to stay connected to the geography community, and to find collaborators or mentors outside your campus. AAG Knowledge Communities allow users to post notices, blog, share resources, and build a strong sense of community.

Third, SAGE recommends that all existing and new members submit information for the AAG *Guide to Geography Programs in the Americas*.

The *Guide* welcomes listings from institutions with any geography course offerings, in addition to institutions that offer a minor, a concentration, and/or a full major. Getting listed in the *Guide* will help to make SAGEs more visible to colleagues at other institutions. Contact guide@aag.org to submit information for the *Guide*.

Fourth, the SAGE co-chairs believe it is very important to develop a stronger presence for SAGEs at the AAG's regional meetings. For many SAGEs, regional meetings are the only professional conference they attend. Thus, regional support for SAGE members is crucial. One example can be found in SEDAAAG. For at least the last seven years, SAGE members have met for lunch during the Southeast Division AAG meeting. This group identifies one SAGE member (either at an academic institution, library, government, etc.) from the state in which the meeting is located, and sponsors her/his attendance at the regional meeting. SAGE encourages other regional conference attendees to organize informal meetings during their conferences, and recommend using the SAGE Affinity Group as a tool to begin regional networking. Presently SAGE is seeking a non-AAG member stand-alone geographer based in North Carolina to sponsor as a conference attendee at the upcoming AAG Southeast Division Meeting (please contact Amanda Rees at rees_amanda@columbusstate.edu if you have a person in mind), to be held November 18-20, 2012, in Asheville, North Carolina.

Finally, SAGE is making plans for the 2013 AAG Annual Meeting in Los Angeles. These plans include a suite of consecutive paper and

panel sessions built around a keynote speaker and an informal reception for SAGE members. Within the next two years SAGE will produce a *Successful SAGEs Handbook*, an online publication about surviving and often thriving as a SAGE. This online publication will be developed with assistance from the AAG and will be available for free to all SAGE members. To meet these goals, the SAGE Affinity Group will be putting out a call for papers for the AAG Annual Meeting in Los Angeles for one or more paper sessions. Those papers may be utilized in the handbook publication, or they may address other key issues important to SAGE members.

SAGE also seeks a senior faculty member with experience in growing her/his institution's limited geography course offerings, all while remaining productive in research. If you are interested in contributing to the *Successful SAGEs Handbook* and/or being included in a SAGE session at the AAG Annual Meeting, please contact Amanda Rees at Columbus State University (rees_amanda@columbusstate.edu). If you have a potential plenary speaker in mind, please contact Brian E. Johnson at Auburn University Montgomery (brianjohnson@aum.edu).

Co-chairs Rees and Johnson wish to thank the AAG for its ongoing support of stand-alone geographers. In 2013, the AAG will again help fund SAGE members who travel to the AAG Annual Meeting to participate in SAGE sessions as paper presenters or panelists. To register for the 2013 AAG Annual Meeting in Los Angeles, visit www.aag.org/annualmeeting. ■

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levels for six months beyond the start of the 2013 federal fiscal year on October 1. The deal for a Continuing Resolution at FY 2012 spending levels is meant to alleviate fears among rank-and-file legislators that a budget shutdown could occur just as the election season enters its final month.

The agreement is a mixed bag for the accounts at the National Science Foundation and other agencies that include funding for geography research. The deal means there will not be any new sources

of grant money available on the immediate horizon as colleges and universities across the nation continue to deal with diminished state funding. On the other hand, several House Republicans had signaled that they hoped to slash FY 2013 agency budgets, which could have caused significant cuts across the government, including to research accounts.

Even with the agreement, which must be formally voted upon, Congress will still have to deal with several key financial

issues in a post-election *Lame Duck* session, such as the expiration of the so-called "Bush Tax Cuts" and the significant spending cuts that were imposed last year as part of a deal to raise the federal debt limit. ■

John Wertman
jwertman@aag.org

Between global and *louco*: the geography of teaching globalization

In Portuguese, the word *louco* means "crazy." It is identical in almost every way to *loco*, its Spanish equivalent. It can be used as a noun or an adjective, and much like in English, it can take many forms in common vernacular. For example, to describe something as "louco/crazy" could mean that it was wild, fun, dangerous, or fantastic. Or it could be used as a title – the lunatic, the madwoman, the calamitous – in order to identify a particular individual. It can also imply absurdity, like how it might be "louco/crazy" to distinguish local from global, or spatial from social, or verbal irony from Socratic irony, and so on. But here I digress; this brief article is meant to reflect upon the "craziness" of teaching globalization, and in that direction I now proceed.

In August 2011, I began my current academic appointment at King's College London. I am a lecturer in the King's Brazil Institute, and just as I am new to the job and British academia, so too is the Brazil Institute new to King's. Though the Institute was inaugurated in 2008, regular classes did not begin until autumn 2011. We focus upon interdisciplinary research and graduate teaching, and, in addition to advising PhD students, we offer a taught MA program entitled "Brazil in Global Perspective." Establishing a new institute is never easy, and especially for interdisciplinary departments, it can be a struggle to find one's way in the entrenched, disciplinary culture of contemporary academia. In addition to new beginnings and a host of new courses, our first year provided plenty of "louco" moments.

As someone with a MA and PhD in Geography, however, I found the interdisciplinary adaptation process both exciting and dynamic. To be sure, many geographers come from diverse academic backgrounds, and collaborations between the social sciences, physical sciences, and humanities have proven invaluable for geographic research. Moreover, numerous geographers engage with scholarly works outside the discipline, and applied geographers, for years, have shown themselves to be among the most versatile in their fields. As a method for framing emergent questions analytically, and as a way to create more innovative research designs, interdisciplinary approaches offer immense potential for geographic work and research findings.

Teaching from an interdisciplinary perspective, on the other hand, is perhaps not so easy. Particularly when teaching globalization at the graduate level. But why should this be? Are MA students not ideal candidates for interdisciplinary learning, less encumbered by old debates and rigid ways of thinking that weigh heavy upon discipline-specific traditions? Moreover, how could a graduate seminar that brings together students from all over the world – and convenes directly in central London – not be the ideal setting within which to consider globalization? In a sense, I imagined, "geography" was on my side. And as a geographer, I also figured I was perfectly suited to teach an interdisciplinary course on globalization.

As I came to discover, however, my assuredness was rooted in naivety. The class sputtered through the first weeks and I struggled to find basic threads to tie such a diverse group of students together. Fostering discussion and debate became a chore, and quite often my students were reluctant to share their own ideas and individual experiences. Likewise, the local environment seemed to obscure more than it revealed, as so ubiquitous in London are indicators of globalization that individual examples can be hard to pin down. Evidence of the "global" seemed obvious to students, while the "local" appeared fleeting and anachronistic. What is truly local in a place like this, they asked, that has not been corrupted by the global? I jumped at these questions, introducing debates of commodity networks, authenticity, and even the social construction of geographic scale. And here the class would normally grow silent; a discussion of the local derailed by the *louco*.

But a breakthrough was eventually to come, and like many instances in my own career, it was a moment when geographic inquiry intersected multiple concepts. As discussion waned one afternoon during yet another interrogation of global and local imaginaries, a student from cultural and media studies suddenly sprang to life. She grew animated talking about musical fusions, and how a local musician, named DJ Louco, was mixing folkloric Brazilian music with London-born dubstep. The "local," she argued, and the "global" are both everywhere and nowhere at once: how one perceives these elements in such music, she went on, depends

completely upon one's point of reference. Eureka, I thought! She then began to describe the evolution of dubstep, how "sampling" worked, "wobble bass," and in no time I was completely lost. But the class followed her, and students began to articulate their own examples. Curiously, in *complicating* a given relationship – e.g., the local / the global – they had come to understand it more *clearly*. I was thrilled, and seeing the obvious play on words, I joked that thanks to DJ Louco, we now understood the local. A few students smiled sympathetically; no one laughed.

Teaching and working on issues of globalization are certainly not exclusive to geography. Then again, because the discipline provides so many angles from which to investigate it, geographers enjoy a unique position from which to consider these processes. As much as any discipline – and perhaps even much more so – geographic perspectives of globalization are incredibly "interdisciplined." Yet teasing out these concepts with students, whether in a geography classroom or any other, is not always so easy. In my own case, two factors I imagined to be advantageous (e.g., international student diversity and a hyper-globalized setting) instead proved difficult, for me, to harness effectively. Not until I encouraged students to approach globalization from their own (un)disciplinary perspective did the geographic insights I had hoped for begin to emerge. And the lesson, perhaps, is one not wasted solely on teaching: it applies evenly to academic researchers and professional geographers alike. Just as other disciplines still have much to learn from geography, geographers, too, stand to gain by *drawing* from interdisciplinary scholarship rather than merely *adding* to it. All jokes aside – and as I discovered firsthand – the *louco* of globalization studies resides in the lack of engaged, multi-way communication that so often persists. ■

Jeff Garmany
King's Brazil Institute
King's College London
jeffery.garmany@kcl.ac.uk

Improving AAG Regional Division Meetings

Do regional meetings possess sufficient gravity to generate attendance worth all of the effort to organize them? Do they need a boost to attract more attendees? One interesting panel discussion at the NYC AAG Annual Meeting focused on just that, and strategies for supporting and strengthening our regional divisions. These meetings are an essential element of our discipline so it is useful periodically to consider how they might be improved. On the one hand, many regions are doing well in terms of membership and meeting participation so, as panelist Thomas Maraffa suggested, no change may be needed. He indicated that new initiatives might even be detrimental to existing activities if they take time and energy away from efforts that work. In addition, he noted that attendance alone should not validate the regional meetings. If people come they come, if they don't they don't. The group attending the conference benefits in a number of ways. The role of regional meetings is very clear, that is, bringing together people in the region to focus largely on regional issues. In addition, the regional meeting allows a positive, friendly experience, in a less intimidating setting, for students to present for the first time. Some people claim that lack of participation by major PhD programs is a cause for concern, but panelist Richard Groop's analysis of 2011 AAG regional meeting programs showed significant participation by major doctoral programs, in terms of papers presented and sponsorship of the meetings themselves. Ed Butterworth, from the audience, noted that regional meetings grow future AAG leaders, so the regional meetings and AAG are intimately linked.

Though regional divisions do many things well, some have difficulty attracting and growing participation in regional activities and meetings. As with all organizations, there is room for improvement. And, as many panelists and audience members noted, there are numerous ideas that the regional divisions can learn from each other about strategies which help build participation. Audrey Kobayashi

suggested in one of her recent presidential columns (AAG Newsletter vol. 47, no. 2) that the boundaries of the regional divisions are not set in stone; if some regions wish to build alliances or consider changes that better reflect the current distribution of members, this is something they might consider among themselves. But strong feelings were expressed in this panel that there was little interest in such reorganization. Instead, the panel and audience made a number of suggestions we've grouped under communication, attendance, and recognition.

Communication

- 1) **To provide a general set of operating instructions on how to host the regional meetings and have a standing committee with members appointed for alternating two-year terms.**

Such information is essential so that lessons learned from one year's organizing committee are passed to the next year's organizing committee. Panelist Jennifer Collins noted that there were several sessions at the AAG which concentrated on integrating geography and the atmospheric sciences. She noted that we can learn from related organizations such as the American Meteorological Society which has a web page titled "Tips on Hosting a Regional Conference". Panelists Jo Beth Mullens and Cathleen McAnneny discussed the idea that a standing committee with alternating two-year terms would assist with the transfer of ideas from year to year.

- 2) **Keep regional websites up to date.**

Jo Beth Mullens also commented that a review of regional division websites showed that not all websites were current. She noted that it might mean seeking an outside contractor for this service.

- 3) **Facebook presence.**

For more effective communication, particularly with the young individuals in the membership, regional meeting organizers should consider a Facebook presence. Jennifer Collins suggested adding a committee position such as

"Social Media Correspondent" to facilitate this.

- 4) **Chairs, graduate directors, teaching faculty, student leaders, and advisors must promote regional meetings.**

Panelist Zoe Pearson noted the importance of her advisor's encouragement to attend the regional meeting. We need to let our students know about the opportunities available – to present, to be considered for awards, and to participate in the World Geography Bowl competition.

Attendance

- 1) **Chairs could book several hotel rooms for the students who are often only too willing to share rooms together in order to attend the regional meeting.**

In addition to providing small stipends to students to attend the regional conference, most importantly Chairs could book several hotel rooms for the students who are often only too willing to share rooms. Peter Waylen, former chair at the University of Florida successfully employed that model for years with the result that there are always a considerable number of UF students at the SEDAAG regional meeting.

- 2) **Hold collaborative meetings.**

Audience member Robert Bednarz suggested that, by holding collaborative meetings, we can enrich attendance significantly. Collaborative meetings bring together other groups to us (e.g. geospatial technology) and foster new collaborations and exchange of information, while simultaneously increasing attendance.

- 3) **Use Skype or Livestream to allow some keynote speakers to present who may not be able to attend the meeting.**

Some ideal keynote speakers may not be able to attend for a number of reasons such as physical disability, limited budget etc. However, use of technology will enhance the meeting by allowing for their remote attendance.

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4) Provide sessions for non-academic employers to mentor students.

Non-academic employers can contribute considerably to a regional meeting, discussing with students what makes them marketable. This would be different from a job recruitment fair.

5) Encourage undergraduates to attend.

The regional meeting provides an ideal setting for undergraduates engaged in research, giving them their first conference experience. SEDAAG recently began an Undergraduate Poster Competition. Additionally, many regional meetings host the World Geography Bowl which brings together students and faculty mentors.

Recognition

1) Invite a dean, provost or other administrator to a regional meeting to provide opening comments.

We must bring attention to our involvement in the field of geography to administrators. Inviting deans and provosts to the meeting to make a comment will make them more aware of their Geography Department.

2) Work with university news and marketing and the editor of the *AAG Newsletter* to include pictures of student award winners in the local newspaper and *AAG Newsletter*.

This reflects well on the institution and program.

We thank Bryon Middlekauff and Jim Ketchum (AAG) for organizing the panel and Ken Foote for chairing the discussion. ■

Jennifer Collins
University of South Florida
collinsjm@usf.edu

Kenneth Foote
University of Colorado
kfoote@colorado.edu

Bryon Middlekauff
Plymouth State University
bryonm@plymouth.edu

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 850 words to newsletter@aag.org.

AAG Enhancing Diversity Award Nominations

Nominations are now being accepted for the 2012 AAG Enhancing Diversity Award. The award honors geographers who have pioneered efforts toward or actively participated in efforts toward encouraging a more diverse discipline over the course of several years. Individ-

uals are eligible regardless of their status as AAG members. In recent years, the AAG has honored Rickie Sanders, Joe Darden, Reg Colledge and Jan Monk, among others.

Please include the complete name and address of the nominee and a concise

(500 word maximum) yet specific description of the accomplishments that warrant the nominee's selection. Digital submissions to grantsawards@aag.org are preferred. Nominations are due by **September 15, 2012**. See www.aag.org/diversityaward for more.

Reserve Now to Lock in Hotel Discount Rate AAG Annual Meeting, Los Angeles, April 9-13, 2013

Now is an excellent time to lock in your conference hotel discount rate by reserving your room today. Only limited blocks of rooms will be held for conference-goers attending the 2013 AAG Annual Meeting in Los Angeles. The AAG has arranged discounts for registered meeting attendees staying at the Westin Bonaventure Hotel, the Los Angeles Marriott Downtown, and the Millennium Biltmore Hotel Los Angeles. To get the discounted rate of **\$169 per night** at one of these hotels, you must reserve your room by first visiting the Annual Meeting website at www.aag.org/annualmeeting/hotels. Only registered meeting attendees qualify for hotel discounts.

Westin Bonaventure
(Annual Meeting Headquarters)
404 South Figueroa Street
Los Angeles, CA 90071
T: 213-624-1000
www.thebonaventure.com

Los Angeles Marriott Downtown
333 South Figueroa Street
Los Angeles, CA 90071
T: 213-617-1133
www.losangelesmarriottdowntown.com

Millennium Biltmore Hotel Los Angeles
506 South Grand Avenue
Los Angeles, CA 90071
T: 213-624-1011
www.millenniumhotels.com

Profiles of Professional Geographers

One of the major book publications stemming from the AAG's current EDGE-Phase 2 is *Practicing Geography: Careers for Enhancing Society and the Environment*. Edited by Michael Solem, Kenneth Foote and Janice Monk, *Practicing Geography* features contributions from a diverse group of authors from the private and public sectors offering perspectives on career opportunities for geographers in business, government, and nonprofit organizations. The book also explores opportunities in education, working internationally, freelancing and consulting, and offers perspectives on issues of particular interest to students (e.g., getting the most out of internships) and current professionals (e.g., networking and balancing work and home life). Many chapters feature profiles highlighting the work of professional geographers, such as the profile of Jon Kedrowski below. *Practicing Geography* has recently been published by Pearson Prentice Hall.

Jon Kedrowski, Ph.D.

author, mountaineer, geographer
Vail, Colorado

For years, the last thing Jon Kedrowski saw as he closed his eyes and drifted off to sleep was a poster of Mount Everest hanging on the ceiling over his bed. "I always knew I was an Everest kid, ever since I starting climbing mountains when I was 10," he recalls. While growing up in Vail, Colorado, the Rocky Mountains were literally in his backyard, and Jon's birthday just happens to fall at the height of the Everest climbing season. By the end of high school, Jon had summited all of Colorado's "Fourteeners" (the state's 55 mountains over 14,000 feet in elevation). He went on to climb many other peaks all over the world, including scaling Alaska's highest, Mount McKinley, in 2009 and Mexico's three highest volcanoes that same year. These accomplishments whetted his desire to attain "the holy grail of mountaineers." On May 26, 2012, Jon

achieved his dream of reaching the roof of the world, but only after narrowly surviving the worst tragedy on Everest since the 1996 disaster chronicled in Jon Krakauer's bestseller *Into Thin Air*. On May 20, a violent storm forced Jon and his teammates to stop their first ascent just 800 feet short of the summit, and seven other climbers lost their lives on the mountain that night.

Jon's career plans initially called for a white coat and stethoscope instead of ice axes and crampons. After learning about the early explorers and surveyors of the American West, he realized that he could actually make a living by pursuing his passion for the outdoors. He completed his undergraduate training as a double-major in geography and chemistry (pre-medicine) at Valparaiso University. While interning at a sports medicine clinic in Vail, Jon continually felt drawn back toward a career in environmental geography and working in the mountains. "I kind of had this vision of doing some of the things I'm doing now... I just loved mountaineering more [than medicine]," he explains. After receiving his master's from the University of South Florida in 2006 and his Ph.D. from Texas State University

in 2010, Jon was a visiting faculty member at Central Washington University for two years before his position was eliminated due to budget cuts. Today, "Dr. Jon" (as he's known to students and associates) is busy with consulting projects, speaking engagements, and promoting his new book, *Sleeping on the Summits: Colorado Fourteener High Bivys*, co-authored with meteorologist Chris Tomer and published by Westcliffe/Big Earth (available through www.jonkeverest.org/order-sleeping-on-the-summits.html). He is also planning for future book projects like *Sleeping on the Summits* about other peaks, and he is considering a possible

book about the Everest tragedy, his eventual summit, and mountaineering policies at the world's highest mountain.

While he's not currently employed in a faculty position, Jon's academic and personal interests remain tightly integrated. For example, his dissertation explored perceptions of climbing and ecosystem management, providing him with opportunities to travel and to climb Mount Rainier more than 15 times in 2008-2010. He did similar research on Mount McKinley in Alaska in 2009. Owing to his reputation as an experienced explorer and established academic geographer, he was invited to collect field data for two different research projects during

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Kedrowski



Kedrowski on the summit of Mount Everest.

CREDIT: SANDRA LEDUC

More profiles of professional geographers are available at www.aag.org/careerprofiles.

Land Systems Science Symposium

2013 AAG Annual Meeting, Los Angeles

A special symposium focused on research advances and needs in the geographical dimensions of land systems and land change will take place in conjunction with the AAG Annual Meeting in Los Angeles, to be held April 9-13, 2013. Land systems and land change are rapidly growing in importance in both research and policy at local, regional, national and international scales. Advances in understanding of the relationships of land with human and environmental systems, developments in measurement and monitoring of change, use of advanced GIS/remote sensing and modeling technologies, the increased availability of datasets, and increasing capability for modeling and analysis of change give opportunities to offer new insights into land systems and the nature of change.

The symposium will be made up of a series of paper sessions. Geographers and

others with active research expertise and interests in land use, land systems and land change science will participate. This symposium builds on a long tradition of research in land use and land cover, and of coupled human and natural systems within Geography, the focus provided by the *Journal of Land Use Science and Land*, and interests of the land change science community.

Call for Papers

Papers addressing the symposium theme are encouraged, and particularly papers that are directed at the provisional list of session titles: Case studies of land systems and change in a) North America, b) Latin America, c) Europe, d) Australasia, e) Africa, f) Asia; Analysis and modeling of change; Human dimensions of land systems; Environmental dimensions of land systems; Emerging issues.

Additional sessions will be considered based on abstracts submitted.

Titles and abstracts for papers, conforming to AAG annual meeting guidelines, initially should be submitted to Richard Aspinall (r.aspinall@abdn.ac.uk) as soon as possible and before October 10, 2012. Please indicate to which of the symposium sessions your paper is most suited.

Symposium organizers are Richard Aspinall (Editor, *Journal of Land Use Science*) and Andrew Millington (Editor, *Land*). Program committee members are Richard Aspinall, Andrew Millington, Dan Brown (University of Michigan), Jane Southworth (University of Florida), and Ken Young (University of Texas at Austin). ■

Kedrowski continued from page 14

his Everest trip, which helped to offset the costs of the expedition and allowed him to further develop his publication and research record. For one project, he conducted interviews about human waste disposal and tested water quality in several villages for a proposed biogas composting project; for the other, he took air samples and GPS readings at 35 sites within the Himalayan region to help analyze the atmospheric impacts of climate change. These field experiences, in turn, contribute to his effectiveness as an author and lecturer: "I like to bring the geography right into your face!" Jon enthuses. "When I'm out in the field, I'm always asking myself, 'How can I use this in the classroom?'" He relies upon

his personal photos and videos to enliven courses in introductory physical geography and speaking engagements, and he has integrated geographic concepts and technologies into *Sleeping on the Summits*. "I want to try to communicate to the general public that geography is fun, it can be easy to understand, and it is everywhere now," he explains.

As someone who's had to adapt to ever-shifting conditions, both in the job market as well as on mountaintops, Jon advises, "You always want to have Plan A, B, and C so you have plenty of options and can make yourself more marketable." Kedrowski has climbed many peaks all over the world. In North America, he has scaled the highest

peaks in the states of Washington, Idaho, Oregon, Arizona, Wyoming, Montana, and New Mexico. Kedrowski has also climbed Alaska's highest peak, Mount McKinley (in 2009), and conquered Mexico's three highest volcanoes that same year.

While Jon is considering a return to academia someday if the situation is right, he will never be content to "sit on the computer all day pumping out work." His career is testament to his belief that "as a geographer, you're going to learn a lot more in the field than from a textbook." ■

Joy Adams
jadams@aag.org

Receive Your AAG Journals Online Only

If you would prefer to receive your Journals, *The Professional Geographer* and *The Annals of the AAG*, online only, and not to receive paper copies of the Journals, you may do so by logging into your online member profile and editing your personal information. At the bottom of your profile page you may check boxes to opt out of receiving paper copies of the AAG journals. AAG members will still have online access to all articles.

Please direct questions to Adam Thocher at 202-234-1450 or athocher@aag.org.

AAG Photo Competition

The Association of American Geographers has announced a new photo competition created to celebrate geography and geographers as we prepare for our next AAG Annual Meeting, to be held in Los Angeles, California April 9-13, 2013.

Photographs may be submitted digitally in four categories: *Geography at Work*: geographers and non-geographers using geography and geographic technolo-

gies in their communities; *Unique People and Landscapes*: interesting people and/or physical settings in your community or around the world; *What a Geographer Looks Like*: people of different cultures, ages, ethnic backgrounds and life experiences coming together in geography and the geosciences; *My Geography Story*: photo essays of between 5-7 photographs.

Three winners will receive cash prizes as well as recognition at the 2013 AAG Annual Meeting. For more information please see www.aag.org/photocompetition or e-mail photos@aag.org. The deadline to submit photos is **November 1, 2012**.

More information on the 2013 AAG Annual Meeting is available at www.aag.org/annualmeeting. ■

Celebrate Geography Awareness Week on Your Campus this November

Established by Presidential proclamation nearly 25 years ago, more than 100,000 Americans actively participate in Geography Awareness Week each year.

This year, Geography Awareness Week will take place November 11-17. Use this opportunity to showcase faculty research, recognize student projects, and commemorate departmental achievements.

These celebrations could take place on site in your department or elsewhere at your university or college in order to raise your department's campus profile or act as a recruitment tool. This year's theme – "Declare Your Interdependence" – is meant to help students, educators, families and community members understand the nature of the interdependent world in which they live. From mapping your own

"global closet" to understanding the effects of disruptions to the movement of goods and services, the theme promotes geo-literacy by exploring consumer choices and everyday decision-making.

Events, lessons, games, challenges, and other ideas for ways you can engage your local community as well as a toolkit of free resources are available at GeographyAwarenessWeek.org. ■

VGSP Accepting Applications for 2012-13

The Visiting Geographical Scientist Program (VGSP) is accepting applications for the 2012-13 academic year. VGSP sponsors visits by prominent geographers to small departments or institutions that do not have the resources to bring in well-known speakers. Participating institutions select and make arrangements with the visiting geographer. Applications and program details may be found at www.aag.org/org/education/aag/edu_visitinggeographer.cfm.

A list of pre-approved speakers is also available. Please make sure to include a brief cover letter with your application that describes the schedule of events or activities being planned.

VGSP is funded by Gamma Theta Upsilon (GTU), the international honors society for geographers (www.gammatheupsilon.org). Additional funding is available for applications involving Historically Black

Colleges and Universities, Tribal Colleges, Hispanic-Serving Institutions and other Minority-Serving Institutions through a grant from the National Science Foundation as an aspect of AAG's ALIGNED Project (Addressing Locally-tailored Information Infrastructure & Geoscience Needs for Enhancing Diversity). Questions may be directed to jketchum@aag.org.

VGSP Seeks Speaker Nominations

Gamma Theta Upsilon is looking for nominations to the Visiting Geographical Scientist Program list of speakers. The Visiting Geographical Scientist Program is funded through GTU (the geography honor society) and managed by the Association of American Geographers. VGSP speakers have the opportunity to bring new knowledge and interesting

perspectives to geography departments across the country. Speakers usually visit at least two schools on a trip in order to meet with geography students and faculty, give presentations, share research, and talk with administrators about the importance of geography in higher education. Small colleges/universities in underserved regions are especially encour-

aged to apply for our grants to bring in VGSP speakers. If you are willing to participate and would like to be featured on our approved list of VGSP speakers found at www.aag.org (under Education), please contact current GTU President Dr. Randy Bertolas at raberto1@wsc.edu or 402-375-7018.

NSF Geography and Spatial Sciences Program Names Three New CAREER Awardees

The Geography and Spatial Sciences Program (GSS) at the National Science Foundation (NSF) is pleased to announce three new CAREER awardees in FY 2012. The CAREER competition is one of the most competitive at NSF and represents some of the most compelling research being conducted by early-career geographers and spatial scientists.

This year's awardees are **So-Min Cheong** of the University of Kansas, **Javier Arce** of the University of Puerto Rico at Cayey, and **Lucy Hutyra** of Boston University. Cheong's project, *CAREER: Community Adaptation to Changing Environmental Disasters*,

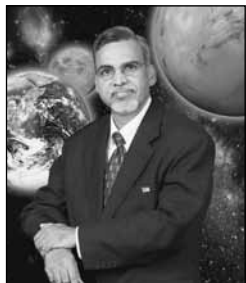
will consider how repeated impacts of environmental disasters changes and challenges community adaptive capacity, especially if the disasters are of different origin; Arce's project, *CAREER: Water Quality and Climate Change Adaptation to Extreme Precipitation Events*, will look at how landscape characteristics impact water flow after extreme precipitation events, thereby impacting water quality; Hutyra's project, supported by the Ecosystems Sciences Cluster as well as GSS, *CAREER: Assessing Urban Influences on Ecosystem Processes*, will investigate the way in which urban areas impact ecosystem processes.

To see abstracts of these and other awards made in the GSS Program, go to the GSS website at www.nsf.gov/funding/pgm_summ.jsp?pims_id=503621.

For further information about the CAREER competition or the GSS Program, contact the Geography and Spatial Sciences Program Directors, Thomas Baerwald (tbaerwal@nsf.gov, 703-292-7301), Antoinette WinklerPrins (anwinkle@nsf.gov, 703-292-4995), Kelley Crews (kcrews@nsf.gov; 703-292-8457), or David McGinnis (dmcginni@nsf.gov, 703-292-7307). ■

Grants and Awards Received

NASA research director **Kamlesh Lulla** was recently honored with the first-ever Astronaut Ellison Onizuka Award for excellence in science and technology, on May 18, 2012. The award recognizes an Asian American who has made excep-



Lulla

tional contributions to any field of science and engineering. Named after the Space Shuttle Challenger Astronaut Col. Ellison Onizuka, it honors the first Asian-American to fly into space. Onizuka perished during the failed lift-off of the Challenger shuttle in 1986.

In announcing the award, Koichi Wakata, chief astronaut for the Japan Aerospace Exploration Agency (JAXA), said that "Dr. Lulla is a torch-bearer of Colonel Onizuka's ideals of technical excellence and efforts to make a difference in the lives of younger generations."

James Eshun, Department of Geography and Regional Planning, University of Cape Coast, Ghana, was recently honored for meritorious service and contributions to the development of the Ghana Geographical Association (GGA) at the GGA Annual Meeting.

The International Spatial Accuracy Research Association (ISARA) awarded its quadrennial Peter Burrough medal to **Michael F. Goodchild** on July 10, 2012, during its biennial meeting in Florianópolis, SC, Brazil, the most recent of its International Symposia on Spatial Accuracy Assessment in Natural Resources and Environmental Sciences.

Awarded for the first time this year, the Peter Burrough medal is ISARA's highest award for senior scientists, given in recognition of sustained outstanding

contributions to the measurement, modeling, and management of uncertainty in spatial data, and named in honor of the late Peter A. Burrough.

Goodchild is Professor Emeritus of Geography, University of California, Santa Barbara. The certificate accompanying his medal cites his long-standing contributions to theory and practice in addressing accuracy and uncertainty issues



Goodchild (left) received the award from Dan Griffith, chair of the ISARA Panel of Judges.

in georeferenced data, beginning with one of his 1980 papers, as well as his attendance at the very first Accuracy 1994 conference, his being selected a keynote speaker for both the Accuracy 1996 and 2008 conferences, and his serving on both of these latter conferences' Scientific Committees. Goodchild's inaugural Peter Burrough lecture was entitled, "The Accuracy of Volunteered Geographic Information."

Entries for grants and awards received should be sent to newsletter@aag.org.

Barbier, Edward B. *Capitalizing on Nature: Ecosystems as Natural Assets*. New York: Cambridge University Press, 2012. 321 and 13 pp., \$34.99, ISBN 978-0-521-18917-9.

Barrett, Elinore M. *The Spanish Colonial Settlement Landscapes of New Mexico, 1598-1680*. Albuquerque: University of New Mexico Press, 2012. 280 and 16 pp., \$49.95, ISBN 978-0-8263-5083-1.

Beaumont, Justin & Baker, Christopher, eds. *Postsecular Cities: Space, Theory and Practice*. London and New York: Continuum, 2011. 276 and 14 pp., n.p., ISBN 978-1-4411-2963-5.

Blewett, William L. *Geology and Landscape of Michigan's Pictured Rocks National Lakeshore and Vicinity*. Detroit: Wayne State University Press, 2012. 181 and 15 pp., n.p., ISBN 978-0-8143-3441-6.

Davis, Diana K. & Burke, Edmund III, eds. *Environmental Imaginaries of the Middle East and North Africa*. Athens, OH: Ohio University Press, 2011. 286 and 14 pp., \$59.95, ISBN 978-0-8214-1974-8.

De Young, Raymond & Princen, Thomas, eds. *The Localization Reader: Adapting to the Coming Downshift*. Cambridge, MA: MIT Press, 2012. 346 and 26 pp., \$18.95, ISBN 978-0-262-51687-7.

Edwards, Elizabeth. *The Camera as Historian: Amateur Photographers and Historical Imagination, 1885-1918*. Durham, NC: Duke University Press, 2012. 326 and 15 pp., \$29.95, ISBN 978-0-82235104-7.

Fiege, Mark. *The Republic of Nature: An Environmental History of the United States*. Seattle: University of Washington Press, 2012. 584 and 12 pp., \$34.95, ISBN 978-0-295-99167-2.

Fisher, Stephen L. & Smith, Barbara E., eds. *Transforming Places: Lessons from Appalachia*. Urbana, IL: University of Illinois Press, 2012. 322 and 9 pp., 30.00, ISBN 978-0-252-07838-5.

Fitzsimmons, Allan K. *Reforming Federal Land Management: Cutting the Gordian Knot*. Lanham, MD: Rowman & Littlefield, 2012. 171 and 13 pp., n.p., ISBN 978-1-4422-1596-2.

Hegglung, Jon. *World Views: Metanarratives of Modernist Fiction*. New York: Oxford University Press, 2012. \$49.95, ISBN 978-0-1997-9610-6.

Johnson, Nuala C. *Nature Displaced, Nature Displayed: Order and Beauty in Botanical Gardens*. London and New York: I.B. Tauris, 2011. 267 and 15 pp., n.p., ISBN 978-1-84885-712-4.

Jones, J.A.A. *Water Sustainability: A Global Perspective*. London: Hodder Education, 2010. 452 and 11 pp., n.p., ISBN 978-1-444-10488-2.

Kerski, Joseph J. and Clark, Jill. *The GIS Guide to Public Domain Data*. Redlands, CA: Esri Press, 2012. ISBN 978-1-58948-244-9.

Marcus, W. Andrew et al., eds. *Atlas of Yellowstone*. Berkeley: University of California Press, 2012. 274 and 21 pp., \$65.00, ISBN 978-0-520-27155-5.

Mitchell, Don. *They Saved the Crops: Labor, Landscape, and the Struggle Over Industrial Farming in Bracero-Era California*. Athens, GA: University of Georgia Press, 2012. 529 and 15 pp., \$26.95, ISBN 978-0-8203-4176-7.

Mossberger, Karen, Clarke, Susan E., & John, Peter, eds. *The Oxford Handbook of Urban Politics*. New York: Oxford University Press, 2012. 684 and 12 pp., \$150.00, ISBN 978-0-19-536786-7.

Nelson, Gordon, ed. *Beyond the Global City: Understanding and Planning for the Diversity of Ontario*. Montreal: McGill-Queen's University Press, 2012. 452 and 22 pp., \$34.95, ISBN 978-0-7735-3986-0.

Newman, William I. *Continuum Mechanics in the Earth Sciences*. New York: Cambridge University press, 2012. 182 and 11 pp., \$80.00, ISBN 978-0-521-56289-8.

Patin, Thomas, ed. *Observation Points: The Visual Poetics of National Parks*. Minneapolis: University of Minnesota Press, 2012. 296 and 26 pp., \$27.50, ISBN 978-0-8166-5146-7.

Portugali, Juval. *Complexity, Cognition, and the City*. Berlin: Springer Verlag, 2011. 412 and 23 pp., n.p., ISBN 978-3-642-19450-4.

Primack, Richard B. *A Primer of Conservation Biology*. Sunderland, MA: Sinauer, 5 rev. ed., 2012. 363 and 15 pp., \$74.95, ISBN 978-0-87893-623-6.

Pulido, Laura et al. *A People's Guide to Los Angeles*. Berkeley: University of California Press, 2012. 310 pp., \$27.95, ISBN 978-0-520-27081-7.

Short, John Rennie. *Korea: A Cartographic History*. Chicago: University of Chicago Press, 2012. 160 and 13 pp., \$45.00, ISBN 978-0-226-75364-5.

Grants and Competitions

The U.S. State Department's Bureau of Educational and Cultural Affairs (ECA) has announced an open competition for one or more assistance awards to administer the FY2013 Community College Initiative Program, which will support study by international undergraduate students at accredited U.S. community colleges. For details see: <http://www07.grants.gov/search/search.do?&mode=VIEW&opId=188213>. Deadline is **October 15**.

The National Endowment for the Humanities (NEH) offers grants of up to \$25,000 to support the development of new courses that address "enduring questions" in the humanities. Applications are due by **September 13, 2012**. See www.neh.gov/grants/education/enduring-questions.

The Health and Medical Geography Specialty Group (HMGSG) is inviting undergraduate and graduate students to submit their work to the specialty group's annual Peter Gould Student Paper Competition. The deadline for submitting an extended abstract is **November 1, 2012**. Single-authored papers from any medical, health, disability and/or health systems related topic are encouraged. The competition is meant to promote written scholarship by students across the field. Papers will be judged by the HMGSG Awards Committee on several criteria: originality, scholarship, organization, appropriate use of methodology, and written composition. A \$100 prize will be awarded in each of two categories: 1) undergraduate students, and 2) graduate students (Master's and Doctoral welcome). Extended abstracts (500-word maximum) should clearly state the purpose, methodology, and findings of the research, and be emailed to Michael Allen (mallen34@kent.edu). The HMGSG Awards committee will review all extended abstracts, and select up to 5 papers in each category for full review. Papers submitted for full review must be received by February 1, 2013. At this time, authors are asked to submit the names of at least 2 possible reviewers not affiliated with the research. Students should visit the HMGSG website to view the entire competition announcement (<http://userpages.umbc.edu/~earickso/Index.html>). Membership in the HMGSG is not required to participate in this competition.

2012

SEPTEMBER

3. **AAG Garrison Award.** www.aag.org/grantsawards.
13. **NEH Enduring Questions Grants.** www.neh.gov/grants/education/enduring-questions.
15. **AAG Enhancing Diversity Award.** www.aag.org/grantsawards.
15. **Holberg Prize.** www.holbergprisen.no/en/nomination.html.
15. **Guggenheim Fellowships.** www.gf.org.
22. **AAG J. Warren Nystrom Award.** www.aag.org/grantsawards.
27. **AAG Enrichment Funds.** www.aag.org/grantsawards.
27. **NEH Summer Stipends.** www.neh.gov.
12. **Newberry Library, long-term Fellowships in the Humanities.** Chicago, IL. www.newberry.org/research.
15. **Huntington Library Fellowships.** San Marino, CA. www.huntington.org/huntingtonlibrary.
31. **AAG Anne U. White Fund.** www.aag.org/grantsawards.
31. **AAG Darrel Hess Community College Geography Scholarships.** www.aag.org/grantsawards.
31. **AAG Dissertation Research Grants.** www.aag.org/grantsawards/dissertationresearch.html.
31. **AAG Research Grants.** www.aag.org/grantsawards.
31. **J.B. Jackson Prize.** www.aag.org/grantsawards.
31. **AAG Meridian Book Award.** www.aag.org/grantsawards.
31. **AAG Globe Book Award.** www.aag.org/grantsawards.
31. **AAG Community College Travel Grants.**
31. **AAG E. Willard and Ruby S. Miller Award.** www.aag.org/grantsawards.
31. **AAG International Geographic Information Fund.** Student Travel Grant, Student Paper Award, and Graduate Research Award. www.aag.org/grantsawards.
31. **AAG Mel Marcus Fund.** www.aag.org/grantsawards.
31. **AAG Meredith F. Burrill Award.** www.aag.org/grantsawards.
31. **AAG Hoffman Award.**
31. **AAG Glenda Laws Award.**

OCTOBER

1. **Stanford Humanities Center Fellowships.** <http://shc.stanford.edu>.
15. **NSF Geography & Spatial Sciences, Dissertation Research Improvement Grants.** Full proposals. www.nsf.gov.
15. **Marble-Boyle Undergraduate Achievement Awards in Geographic Science.** www.aag.org/marble-boyle.

NOVEMBER

1. **Harley Fellowship in the History of Cartography.** www.maphistory.info/harley.html.
20. **Philanthropic Educational Organization (PEO) Sisterhood Scholar Awards.** www.peointernational.org.
20. **NSF – Dynamics of Coupled Natural and Human Systems,** full proposals. www.nsf.gov/funding

DECEMBER

1. **AAG Anderson Medal.** <http://agsg.binghamton.edu>.
2. **David Woodward Memorial Fellowship in the History of Cartography.** www.geography.wisc.edu.

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

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

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

Giving levels include:

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<input type="checkbox"/> \$5,000 to \$9,999	Century Circle
<input type="checkbox"/> \$10,000 to \$24,999	Explorers Circle
<input type="checkbox"/> \$25,000 and above	Leadership Circle

This gift will be made as follows:

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Account Number _____

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

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- ☐ Endowment for Geography's Future
☐ Developing Regions Membership Fund
☐ AAG Student Travel Fund
☐ AAG Geography & Human Rights Fund
☐ AAG Unemployed and Underemployed Geographers Fund
☐ Marble Fund for Geographic Science
☐ AAG Public Policy Initiatives
☐ Enhancing Diversity Fund
☐ Area of Greatest Need
☐ Other _____

Name _____

Address _____

Phone _____

Date _____

Please send this pledge form to:

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

Call for Papers

2013 AAG Annual Meeting

April 9-13, Los Angeles

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

The 2013 Annual Meeting will be held at the Westin Bonaventure Hotel, the Los Angeles Marriott Downtown, and the Millennium Biltmore Hotel Los Angeles from April 9 to 13, 2013. 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. Abstracts and Sessions must be submitted online at www.aag.org/annualmeeting by **October 24, 2012**, but we encourage you to register and submit online today, as registration is now open.

Presentation and Panelist Rules for AAG Meetings. The AAG Council has recently implemented rules pertaining to the number of times someone may appear in the Annual Meeting program. 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 24, 2012**

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. You may request a 35-mm carousel slide projector (not including slide trays) or an overhead projector for a \$25 fee. If you require other types of audio/visual equipment, please contact Oscar Larson at 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 24, 2012**

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 24, 2012**

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 24, 2012**

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 22, 2012**

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 2009 and who were full members of the AAG in 2010, 2011, and 2012. 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/about_aag/grants_and_awards well before the September 22 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 Meeting. 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 abstract compilation and to disseminate it electronically.

ORGANIZED SESSIONS

Individuals, groups, and specialty groups may organize sessions at the AAG Annual Meeting. 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 the AAG 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 2011 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 subfield, 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 Los Angeles Annual Meeting Program Committee will allocate a total of \$12,500 to support participation by distinguished non-geographers in the 2013 Annual Meeting. Contact the AAG office or visit www.aag.org/about_aag/grants_and_awards for an application form. The deadline for applications is **September 27, 2012**.

WORKSHOPS and FIELD TRIPS

Anyone interested in organizing a workshop or field trip for the 2013 AAG Annual Meeting should contact Oscar Larson at meeting@aag.org. Proposals should be submitted by **November 1, 2012**. A workshop or a field trip is 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 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.

Search Annual Meeting Abstracts Online

Organize your participation in the AAG Annual Meeting with our easy-to-use online search features, available on the conference website. Individual abstracts may 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 the 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 2013 AAG Annual Meeting will be held in Los Angeles, California. Return frequently to www.aag.org/annualmeeting for meeting updates or to search current lists of proposed sessions and submitted abstracts.

AAG 2013 ANNUAL MEETING REGISTRATION FORM (www.aag.org)

Everyone who attends the AAG Annual Meeting must register. **You may use this form if you do not wish to register online, or if you wish to add events but have already registered for the meeting.** Space is limited for all events, field trips, and workshops. AAG reserves the right to cancel any event with insufficient enrollment. All fees are payable in US dollars, by check, money order, Visa, or MasterCard. All cancellation requests must be made in writing to meeting@aag.org by the stated deadlines. Cancellation requests received by December 10, 2012 will incur a 25% cancellation fee. Requests received by February 25, 2013 will incur a 50% cancellation fee. Requests received by March 25, 2013 will incur a 75% cancellation fee. *Requests received after March 25, 2013 cannot be processed.*

FIRST: _____ M.I. _____ LAST: _____

AFFILIATION: _____

ADDRESS: _____

CITY: _____ STATE: _____ POSTAL CODE: _____ COUNTRY: _____

E-MAIL: _____ DAYTIME PHONE: () _____

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

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

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

I. REGISTRATION FEES

☐ Check here if you have already registered for the meeting.

***Those registering under the companion/spouse category may not present a paper or participate as a panelist or session organizer, and must submit a paper form via fax or mail (not online).*

	Before 3/15	After 3/15	
Regular Member	\$295	\$335	\$ _____
Member Student/Retired/Underemployed*	\$155	\$185	\$ _____
Non-Member	\$420	\$465	\$ _____
Non-Member Student	\$225	\$245	\$ _____
Companion/Spouse**	\$110	\$160	\$ _____
One Day Registration	\$225	\$245	\$ _____
TOTAL REGISTRATION FEES			\$ _____

*The AAG offers a reduced registration fee for our annual meeting to members who are unemployed or underemployed, with annual incomes less than \$25,000.

** Those registering under the companion/spouse category may not present a paper or participate as a panelist or session organizer, and must mail or fax a registration form.

II. FIELD TRIPS

Field Trips are still being confirmed. Please check back frequently for more information and field trip opportunities. Full descriptions will be available at www.aag.org. You must be registered for the meeting to attend a field trip.

III. SPECIAL EVENTS/BOOKS	Quantity	Price
Awards Luncheon – individual ticket	_____ @ \$55	\$ _____
Awards Luncheon Table – 10 tickets	_____ @ \$495	\$ _____

TOTAL SPECIAL EVENT/BOOK FEES \$ _____

IV. WORKSHOPS

Quantity

Price

Workshops are still being confirmed. Please check back frequently for more information and workshop opportunities. Full descriptions will be available at www.aag.org. You must be registered for the meeting to attend a workshop.

V. ABSTRACT CDs

Quantity

Price

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

2013 Meeting Abstract CD _____ @ \$25 \$ _____

TOTAL ABSTRACT CD FEES \$ _____

SUMMARY/PAYMENT

I. REGISTRATION	\$ _____
II. FIELD TRIPS	\$ _____
III. SPECIAL EVENTS/BOOKS	\$ _____
IV. WORKSHOPS	\$ _____
V. ABSTRACT CD	\$ _____

GRAND TOTAL (U.S. Dollars Only) \$ _____

☐ Check for \$ _____ attached (Payable to AAG)

☐ Please charge \$ _____ to my VISA/MC Exp. Date: ____/____
(sorry, no AMEX or Discover)

Card # _____

Signature _____



Please register online at www.aag.org
or return this completed form along with payment to:

AAG 2013 Annual Meeting Registration
1710 16th Street, NW
Washington, DC 20009
Fax (202) 234-2744

Questions? (202) 234-1450 or www.aag.org

The Arroyo Seco, Rockets, and the Growth of Los Angeles

AAG Annual Meeting, April 9-13, 2013, Los Angeles

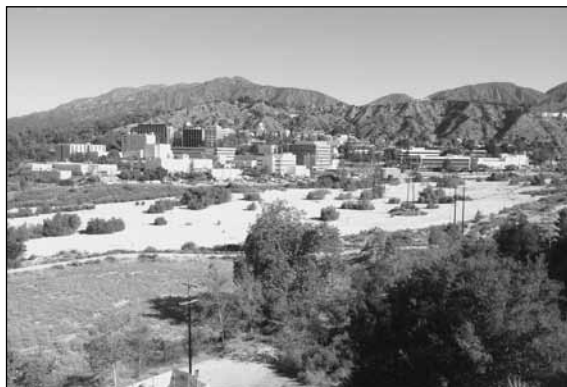
On October 31, 1936, five students from Caltech's Guggenheim Aeronautical Laboratory attempted to test fire a small rocket motor in an isolated and dry canyon wash at the foot of the San Gabriel Mountains in Southern California. With the encouragement of California Institute of Technology professor Theodore von Karman, the young "rocket boys" encountered success with their experiment two weeks later. For the next few years they continued their noisy and often dangerous pursuit on the Caltech campus approximately seven miles southeast of the original test site. By 1940, Professor von Karman had established a new facility with tarpaper shacks on the other side of the dry wash from the original tests. As the first director of this new venture in 1943, von Karman named it the Jet Propulsion Laboratory (JPL).

Nearly 70 years later, NASA's Jet Propulsion Laboratory is situated above the banks of the Arroyo Seco wash, at the base of the San Gabriel Mountains – one of the steepest and most active ranges in the country. In the last seven decades, JPL – in coordination with NASA and Caltech – has witnessed tremendous growth, currently employing 5,000 people and operating with a budget of 1.6 billion dollars. As it expanded throughout the twentieth century, JPL moved beyond early rocketry and began designing and executing robotic spacecraft for planetary exploration. Today, JPL rests on a bluff overlooking the original test site of the "rocket boys." It is a massive property with dozens of buildings dedicated to exploring the solar system and beyond. The one constant amidst the expansion of JPL's campus, and in many ways our global understanding of the universe, is that the Arroyo Seco served as a testing site for the first rockets.

The Arroyo Seco – referred to sometimes as a dry canyon wash – is a seasonal waterway or stream that begins its descent

from the base of Strawberry Peak (6,000 feet), some 15 miles northeast of JPL. Unquestionably short on water most of the year, the Arroyo Seco stands in stark contrast to the regular rainfall and traditional stream patterns along the east coast. The Arroyo Seco is carved by infrequent, yet high impact storms that make their way inland from the Pacific, only to get stopped by the San Gabriel Mountains east of the LA basin. John Muir described this range as "...most ruggedly, thornily savage. Not even in the Sierra have I ever made the acquaintance of mountains more rigidly inaccessible."

Where the Arroyo courses past JPL,



The Arroyo Seco today with JPL and the San Gabriel Mountains in the background. The 2013 AAG Annual Meeting will be held in Los Angeles, April 9-13.

the topography softens and the debris that falls from the canyon settles across a large area behind Devil's Gate Dam. The Arroyo Seco becomes channelized at the Dam that was built in 1920, and embarks on a ten mile journey through the neighborhoods of Northeast Los Angeles. It ultimately converges with the Los Angeles River underneath two freeway overpasses and an adjacent Home Depot. Obscured by the freeways, adjacent streets, and industrial yards, the concrete channel of the Arroyo jettisons its runoff to the Los Angeles River, where it flows through downtown, and eventually out to the Pacific Ocean. Drivers and pedestrians go about their business with little knowledge of the confluence below.

Many of the neighborhoods that developed around this confluence arose because of the idyllic weather, swaying palms, and dynamic landscapes represented by features such as the Arroyo and the San Gabriel Mountains. In addition however, many came to L.A. for the jobs that were created directly or indirectly from the aerospace industry, as the "rocket boys" and their contemporaries built companies that relied on the skills of tens of thousands. Entering the Post-WWII years, these industrial concentrations of aerospace and other high-technology, defense-related industries expanded further from the center of Los Angeles.

From 1940-1970, Los Angeles County grew from 2.8 million to 7 million residents, with many settling in brand new subdivisions that sprouted around the aerospace and high-tech industries that developed in the San Fernando Valley, LAX Airport area, and Orange County.

This incredible growth cannot be attributed solely to early experiments in rocketry and the subsequent development of aerospace and high technology. The construction of the Los Angeles aqueduct in 1913, real estate speculation, and myriad other forms of progress contributed greatly to the massive increases in population. Still, some of that growth does have its origins in the dry river bed of the Arroyo Seco. Throughout these explorations, the "rocket boys" and those who followed were always dependent on the geography of the landscapes below including the availability of the dry, wide-open riverbed. Whether it was for the idyllic landscapes such as the Arroyo, or the industry that was born in the Arroyo, Los Angeles has grown by capturing the imagination of millions. ■

Lorne Platt
Central Connecticut State University
Lorne.platt@me.com

AAG Council Meeting Minutes

February 22-24, 2012
New York City

Present: Audrey Kobayashi, *President*; Eric Sheppard, *Vice President*; Ken Foote, *Past President*; Amy Glasmeier, *Treasurer*; Douglas Richardson, *Executive Director*; Derek Alderman, Dagmar Budikova, Alyson Greiner, Allan James, Bryon Middlekauff, Marilyn Raphael, Bradley Rundquist, Grant Saff, James Tyner, Karen Till, Antoinette WinklerPrins, Richard Wright.

Absent on first day: Michael Scott; Jenny Zorn, *Secretary*

AAG Staff: Candida Mannozi, Michael Solem, Patricia Solís

Opening of the Spring 2012 AAG Council Meeting

President Audrey Kobayashi called the meeting to order at 3:10 p.m.

Kobayashi welcomed everyone. She requested adoption of the Meeting Agenda. Alderman moved to adopt the Agenda, Sheppard seconded, and the Agenda was adopted unanimously.

In Secretary Zorn's absence, Mannozi and Solís were asked to take notes of the Meeting.

Kobayashi welcomed new Middle States Council member Grant Saff, whose term begins July 1, 2012, attending on an informational basis for Laurie Hummel.

Doug Richardson introduced Teri Martin and Michelle Ledoux of the AAG Accounting office, and thanked them for their important work. The AAG Finance Committee met just prior to the start of the Council meeting. Richardson reported that the auditors praised the AAG's organizational accomplishments and also the accounting work of Teri and Michelle. Teri Martin noted that she enjoyed working for the AAG. She was hired nine years ago and has observed the financial foundation of the Association improve greatly in the course of her time with the AAG. Michelle started working for the AAG two and a half years ago and stated it was a pleasure to come to work and be able to do her job with the right support and procedures in place.

Kobayashi had also attended the Finance Committee meeting and added her thanks on behalf of the Council and the AAG membership.

Kobayashi requested a motion to approve the 2011 Fall Council Minutes. James moved to approve the Fall 2011 Minutes, Bradley Rundquist seconded. The Minutes were approved unanimously.

Greiner moved to amend the approved Fall Minutes with a minor clarification regarding the SWAAG regional division. Glasmeier seconded the motion, the amendment to the Fall Minutes was unanimously approved.

Executive Director's Comments

Richardson provided a brief overview of the major items on the Council Meeting agenda and discussed progress and updates in work at the AAG since the previous Council Meeting in the Fall of 2011. Richardson noted that new information and action items had been flagged for easier overview in the Council packet.

President's Comments

Kobayashi noted that she feels excited by the health of the discipline and the organization, and also expressed her thanks to Doug and all the AAG staff for their work. She mentioned receiving strong reactions to her recent AAG *Newsletter* column on AAG regional divisions. While she acknowledged that there continue to be questions about region size and representation, she stressed that the AAG is not planning to restructure the regions, but remains available for help, when asked for input or assistance. She also noted the AAG has greatly increased its financial and administrative support for regional divisions over the past decade.

Kobayashi then referenced a list of AAG manuals and guidelines included in the Council packet. She hopes to provide periodic updates to these and to the Standing Rules, which were recently revised under President Tom Baerwald. She invited Councillors to provide input or to suggest updates or clarifications.

Vice President's Comments

Eric Sheppard said he was honored to have been elected as AAG President. He identified a few areas he's been exploring in his role as Vice President, which he hopes to further pursue in his next term: diversity, engaged pluralism, finding ways to incorporate perspectives from the Global South in AAG activities, and communication across the association.

Sheppard indicated that he hopes to continue to find ways to increase diversification domestically by growing African-American and Hispanic participation at all levels and connect these domestic diversity issues to international diversity challenges. He plans to continue President Kobayashi's focus on racism and bring out the existing domestic and international work of AAG in this area, especially with regard to African-American and Latino communities. Sheppard stated he would support an award to recognize this.

He wishes to try to find ways to communicate across self-imposed divisions in the discipline and to instead create spaces for constructive engagement.

By further incorporating perspectives from developing country students and scholars, but also leveraging the AAG's existing Developing Regions programs and the fact that geographers from around the world gather at the AAG to strengthen these connections, Sheppard hopes to create a platform where different views get more equal airing; as well as supporting participatory action-oriented research, community research, etc. Sheppard mentioned that he may address these themes in his Presidential Plenary in Los Angeles.

Sheppard stated he had been unaware of the scope and range of the AAG's work and new programs in so many important areas. He expressed his desire to help dispel any misperceptions among the membership as to the AAG's work and service; to move nominating processes and national elections online to improve participation; perhaps to create a President's blog to interact with members on a more

direct and regular basis, again all with a view to giving membership easier access.

The President's Column in the AAG *Newsletter* was indicated as a possible precursor and example of such a President's blog.

Past President's Comments

Ken Foote stated that he has enjoyed his service on the Executive Committee over the past three years. His focus has been on professional development, including the 2012 AAG Annual Meeting. For New York, he co-organized a Department Chairs Symposium with over 45 registered participants, and two panels on blended departments.

Department Leadership and GFDA workshops are scheduled for June of 2012, and registration is already underway. The organizers are also working with the AAG ALIGNED project, to bring a stronger focus on diversity into the workshops.

Foote expressed his pleasure at the approval of the Routledge nomination for the 2012 AAG Publications Honors. He also supports increasing the number of AAG Honors awarded each year.

Foote also distributed copies of the newly published NSF/AAG funded *Practicing Geography*, which is expected to have an important impact on the discipline. Both Kobayashi and Richardson underscored the long term significance of Ken Foote's initiatives for the discipline, and thanked him for his many contributions during his presidency of the AAG.

Regional Councillor Reports

Southwest (SWAAG)

Alyson Greiner reported that the SWAAG regional meeting will be held at New Mexico State University this fall. Across the region, a number of departments report that they have hired or been given the go-ahead to hold searches for faculty lines at the assistant, associate, and full professor levels.

In November 2011, the State of New Mexico Board of Governors approved a proposal for an interdisciplinary Ph.D. and M.S. in Water Science and Management, which will begin in fall of 2012. NMSU is also active with career service initiatives.

The Department of Geography at the University of New Mexico reports that it is hiring another tenure-track GIScientist to start in Fall 2012. In addition, the name of the department is changing to "Geography and Environmental Studies."

In Oklahoma, the East Central University (ECU) Department of Cartography and Geography continues to experience growth in its number of majors. A record 70 were enrolled during the Fall 2011 semester, a three and one-half fold increase since Fall 2006. ECU faculty have been instrumental in authoring the cover and inside-cover of the *Journal of Geography* since mid-2010.

There was some reaction in the region to President Kobayashi's column on the question of "what is regional about our regions." Misperceptions as to the intent of the column have been addressed by Kobayashi and Greiner.

Great Plains, Rocky Mountains (GPRM)

Bradley Rundquist noted there is much enthusiasm among departments in this region for hosting GPRM meetings: 2012 is scheduled Oct. 11-13 in Provo, UT, with Dr. Ryan Jensen of Brigham Young University serving as Regional Chair and conference organizer. The 2013 meeting will be in Omaha, NE, with Dr. Karen Falconer Al-Hindi of the University of Nebraska-Omaha planning the event. Although not official, potential meeting sites have also been identified for 2014 and 2015.

Budgets remain a top concern for most departments in the region. Some schools reported some salary increases, and some lifting of hiring freezes. Overall, majors are on the rise or holding steady, and demand for graduate education is strong with good candidates.

Middle States

Grant Saff reported that the 2011 Annual Meeting was hosted by the School of General Studies on the Kean University campus in Union, New Jersey on November 12-13. The keynote address, *Geography and Social Justice: Some Challenges and New Directions*, was given by AAG President Audrey Kobayashi. The SUNY Geneseo team

won the Geography Bowl. Attendance at the conference was, however, well below that of the previous five years. The 2012 Middle States meeting will be held on November 2-3 at Shippensburg University in Shippensburg, PA, and it is expected that attendance will exceed that of 2011.

All parts of the region reported issues tied to tightening budgets or cuts in State funding. In New Jersey, Pennsylvania and New York there is concern over Governors' plans to merge or cancel some programs and cut budgets.

There is a strong feeling among regional members that the regional meetings are a useful and economical venue for students to exchange information and experience an academic conference. The Region is working to improve its effectiveness in serving its members (i.e. actively working on increasing participation in regional activities).

East Lakes

Antoinette WinklerPrins stated that the East and West Lakes divisions will be meeting jointly in DeKalb, Illinois Oct. 25-27, 2012. Professor Jie Song, from the Department of Geography at Northern Illinois University is the contact person for the event. In 2013, the joint meeting will be hosted by the University of Toledo (possibly with CAG-ONT) on the occasion of the 50th anniversary of the department at U. of Toledo. In 2014 it will be held at Western Michigan University in Kalamazoo, then at Kent State University in 2015, and in 2016 a joint East/West Lakes meeting may take place in Marquette, MI, hosted by Northern Michigan University.

Overall the region's geography departments and programs continue to do well despite continued economic challenges. A number of departments are hiring (e.g., University of Cincinnati, Grand Valley State University, Central Michigan University, Western Michigan University), especially for geographers with GIS and/or planning skills. Departments are also remaining astute in terms of positioning themselves to attract majors by focusing on techniques, environmental

Continued on page 26

and global studies tracks. Enrollment in courses appears to be increasing or at least holding steady. Despite good enrollments in courses, some departments continue to struggle with adequate numbers of majors.

In the fall of 2011, the remaining faculty of the Department of Geography and Planning at the University of Akron transferred to the Departments of Geology and Environmental Science and of Public Administration and Urban Planning. The degree programs in geography and GIS (BS and BA; MA and MS) have been transferred to the Department of Geology and ES, and these degree programs will continue to be supported. This department is considering a name change to the Department of Geosciences to better reflect the new combination. The degree programs in planning (BA and MA) were transferred to the Department of Public Administration and are being phased out.

In response to the 'what's regional about the regions' question, there seems to be an overall sentiment that the time has come to rethink some of the regional divisions in the AAG and that one 'Great Lakes' region might prove to be a good option.

Southeast (SEDAAG)

Derek Alderman noted that the 2012 SEDAAG meeting will take place in Asheville, North Carolina, and in Roanoke, Virginia in 2013. SEDAAG has strong student registration numbers, and are seeking to increase faculty participation. They are grateful to the AAG for helping organize sessions at the New York Annual Meeting in memory of James Wheeler.

There is now a Caribbean representative on the SEDAAG Steering Committee. SEDAAG has been developing online election options.

Alderman mentioned the 51 volumes of *SE Journal*, noting that 2012 will be the fourth year the journal is published quarterly. SEDAAG has been struggling to get the *SE Journal* included in the ISI citation index and is seeking insight and advice to this process.

Enrollments remain strong, despite budget cuts and constraints in the region. The University of Alabama is planning

a PhD in Geography. If anything, the SEDAAG region seems to be dealing with growing pains.

SEDAAG established a student representative position on its Steering Committee, usually someone from the Department that is hosting the regional meeting. Alderman asked whether the AAG might want to consider a student representative to Council. Kobayashi asked for two volunteers to develop a statement describing the potential benefits of having a student representative on the AAG Council, including providing some background on how SEDAAG has benefited from student participation on its Steering Committee. WinklerPrins and Alderman offered their time.

NESTVAL

Bryon Middlekauff reported that NESTVAL regional meetings are scheduled through 2014, so they're doing well and seem popular. The 2012 meeting will be held at the University of Maine-Farmington.

The University of New Hampshire suffered 50% cuts; Rhode Island College is doing well; Clark University is still going strong; Westfield State reorganized its major. Two Canadian schools also participate in NESTVAL: Bishop's University is doing well; Concordia University has an astonishing 1,000 majors. The *NE Geographer* is publishing its fourth issue this year.

For the Annual Meeting in New York, Middlekauff organized a session on how to improve Regional Division Meetings. He also expressed thanks to the AAG for helping to organize a memorial reception for Maynard (Wes) Dow at the New York Annual Meeting.

West Lakes

Dagmar Budikova noted that the 2012 regional meeting has been scheduled to take place at Northern Illinois University in DeKalb, Illinois between October 25 and 27, 2012. This will be a joint meeting between the East and West Lakes Divisions.

A new regional councillor has been elected by the division membership: Laura

Smith from Macalester College will serve a 3-year term beginning July 1, 2012.

Discussion regarding the general topic of "What is regional about your region" will be continued at the next regional meeting in DeKalb to gauge the overall sentiment towards a potential merger of the East and West Lakes divisions. Initial results from a survey conducted on the topic last October were submitted as part of the regional report to the council in the fall. No comments were made by the membership who participated in the survey about the possibility of a merger.

Updates from programs in the region included a hire of a tenure-track faculty member at the Department of Geography in UW-River Falls. The program boasts 35 majors and 40 minors, but wishes to further increase student enrollment. This goal is proving to be challenging. Help is requested from the AAG in terms of any existing resources and best practices.

Pacific Coast (APCG)

Jenny Zorn stated the APCG regional meeting is proving to be a diverse, stimulating event. It attracts a range of participants, from students getting their first experiences at giving papers, to retirees wishing to remain connected with colleagues and the discipline. Travel support and scholarships are also greatly appreciated. The papers are very diverse and community college participation is high. Field trips are also a big draw.

Middle Atlantic (MAD)

Michael Scott reported that the question from President Kobayashi initiated a discussion within MAD, revealing that the general feeling is a desire to hold on to the region as it has been traditionally, but some agreement that it's small and quite diverse and may not be as effective as it could be. In order to garner stronger attendance and participation, MAD may hold some of its annual meetings in conjunction with other regions' or other organizations' meetings (such as Middle States, Pennsylvania Geographical Society, SEDAAG, etc.). Some MAD geographers will meet in New York City to discuss this.

National Councillor Reports

Richard Wright reported on being currently half-way through a four year NSF project on the recession and internal migration of native- and foreign-born. He suggested the AAG might consider developing a forum on the devolution to local and state authorities of national immigration policies, as geographers could contribute significant insight and analysis on these phenomena.

Amy Glasmeier applauded the AAG's well tuned organization and its service to members. She focused her comments on respatialization of labor market trends and on how education is critical to the role of gender in the marketplace and the national economy. How does this raise opportunities and challenges for universities and the discipline of Geography? The current financial crisis and increasing unemployment may require assistance parallel to the 1970s training act serving women entering the job market for the first time. How can geography be used to assist the military returning from two ending conflicts into a weak labor market?

After 30 years as an AAG member, Allan James expressed his appreciation for his three years of service on the AAG Council. James reported on recent research that questions basic premises of river science based on changing spatial scales of analysis. This example of respatialization from fluvial geomorphology is intriguing in its own right, but takes on broader relevance as it may be indicative of similar developments in other sub-disciplines. Due to greater technological capabilities, both data collection and analysis now can capture much higher spatial resolutions to examine physical and human systems. Models of river response have maintained forms of gradual change through space for more than 50 years. Downstream hydraulic geometry holds that most hydraulic variables increase or decrease gradually and predictably in the downstream direction. Similarly, the river-continuum concept (Vannote et al., 1980) holds that biologic agents and processes change gradually and predictably downstream. Both of these prevalent concepts

have been challenged recently by examination of high spatial resolution data sets that demonstrate a great deal of variance in river behavior in the downstream direction.

How can the AAG facilitate this transition? Special sessions and perhaps a plenary can be devoted to hyperspatial data availability, effects on process recognition and emergence of new theories as a result in a variety of fields. A special issue of the *Annals* or *PG* could promote thought in this area as well. Speaker series could promote visits to departments large and small.

In short, it appears that the growing availability of hyperspatial information is likely to result in fundamental re-evaluations of theory. While this may be disturbing, what could be more geographic?

James Tyner pointed to various contested terms such as "state, respatialization, people". Space is something produced, never static or neutral. When considering two criteria, bodies being productive and responsible and the ability to participate fully, spatial and geographic notions become fundamental. So we see instances of cutting services to weaker neighborhoods, to those who do not contribute to the overall vision of progress. Tyner feels it is important for the discipline to engage in discussions of political and social justice, and to pay attention to these phenomena, with a view to providing just and human alternatives.

Marilyn Raphael framed the question in light of the AAG as an academic organization which facilitates meetings, publications, collaborations and discussions among geographers. It represents geography to the U.S. and the rest of the world. Climate change and global warming are changing climatic variables over space (e.g. large scale, extended droughts and floods, severe extended cold outbreaks, reduction in Arctic sea ice, change in sea level leading to mass evacuation from low-lying islands, etc.). These alterations will continue to influence where and how people and animals live and how they move. However, often there is a disconnection between how larger? entities (cor-

porations, governments, industrial groups) respond, vs. the responses by local populations. From this we deduce the potential for change in the relationship between civil society and state. Within the AAG we might consider developing a focus on these themes, or to ask Department Chairs to sponsor colloquia series to bring in the public and larger populations. The AAG could encourage research at the intersection of climate and society/policy and ask how geographers are helping to respond to these challenges.

Karen Till suggested alternative venues like blogs for raising awareness of what geography is at the same time as recognizing engagement with the important issues of society. This is something that may be the Council's task to lead and may admittedly be hard to do, but much work at the AAG has already begun. Many of us already have some civic engagement. Till asked for more encouragement and high-profile coverage of it, perhaps coordinating it. She stated that geographers do well with applied/theoretical connections, moving across those artificial boundaries. She suggested using some AAG materials in many of the programs within our institutions, as ambassadors within our institutions, to recruit geographers at younger ages. As an example, Till mentioned her work with artists who are socially engaged, pointing out that those are good occasions to learn from the arts, too. Till also suggested the idea of Geography Classics on Kindle. Till updated the Council on Specialty Groups, and also encouraged them to submit annual reports on time. Till also suggested the possibility of an AAG-sponsored speaker tour visiting? departments. Departments might put in proposals and have visitors speak to these issues. Richardson mentioned a potential model for this under VGSP, which is supported in part by GTU.

Finance

Treasurer Glasmeier reported on the 2012 Finance Committee meeting. The AAG auditors called-in during the

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meeting, and reported the organization is very well run and implements state-of-the-art financial management practices. The auditors stated that the AAG was in the top 2% of the non-profit organizations they audit in terms of fiscal controls and record-keeping, as well as in financial growth and performance. Glasmeier moved that Council accept the auditors' report. Wright seconded, the motion was passed unanimously.

The proposed 2013 budget was reviewed and Treasurer Glasmeier moved for it to be approved. Middlekauff seconded, the proposed 2013 budget was approved unanimously.

Treasurer Glasmeier further moved to transfer \$1million from the AAG's general investment account to the AAG's Douglas Richardson Endowment for Geography's Future. Middlekauff seconded the motion and it was approved unanimously.

Council discussed formulating a strategic plan. Till moved that the Executive Committee begin the process of formulating a strategic plan for discussion at the Fall Council meeting. WinklerPrins seconded the motion, which was passed unanimously.

Treasurer Glasmeier moved to commend Doug Richardson, Teri Martin, and Michelle Ledoux for their excellent stewardship of AAG finances. James seconded and the motion was passed unanimously.

Membership

Richardson informed the Council that AAG membership totaled 10,823 at the end of December, 2011.

Richardson also described continued progress since the launch of the AAG Knowledge Communities, using Higher Logic software. The Knowledge Communities provide interactive and user-friendly means for members of AAG Specialty Groups, Regional Divisions and others to communicate, share documents, and engage in a variety of discussions and exchanges. Richardson also referenced his recent *Newsletter* column, *Help Geographers in Need*, which listed ways the AAG has responded to requests for support from

students, retired, unemployed and underemployed geographers to become and remain AAG members, and to participate in the Association's many activities, including attending the Annual Meeting.

Journal Operations

Richardson gave a brief overview of journal operations, noting also that the *Annals* Managing Editor Robin Maier was currently on maternity leave. He confirmed that all journals operations continue smoothly in her absence, and thanked PG Managing Editor Miranda Lecea for her support of the *Annals* as well during Robin's maternity leave. He also reported that the Honors Committee approved Routledge as recipient of the 2012 AAG Publication Award.

WinklerPrins gave an overview of the editorial terms and renewals, and described the interview format for the *Annals* book review editorial position. The interviews were held later in the Council meeting and Kent Mathewson was selected as the Book Review Editor for the AAG *Annals*, effective July 1, 2012.

The backlog in the AAG journals was discussed, as well as the suggested solutions previously proposed by the AAG Council. WinklerPrins moved that the Council authorize Richardson to negotiate with Routledge to move forward with all but two of the suggestions. Middlekauff seconded the motion, which was accepted unanimously.

Options for publishing book reviews in an online format were also discussed. WinklerPrins moved that the Publications Committee (in collaboration with the Association's current and incoming editors) investigate the vision for, and implementation of an online AAG *Review of Books* to be discussed at the Fall Council meeting. Wright seconded and the motion was passed unanimously.

Council discussed the possibility of the AAG *Newsletter* being published online. Discussion also included the need for a strategic communications plan for the Association. Sheppard moved that Richardson begin the process of transitioning the AAG *Newsletter* functions online

by the end of the year, as part of a larger communications strategy, with a view to implementing it by the end of the year. WinklerPrins seconded the motion, which was passed unanimously.

Richardson updated Council on progress with the *International Encyclopedia of Geography*, including the editorial meeting organized in New York in February of 2012 with the general and section editors, and representatives from Wiley Publishing.

Meridian Place Operations

Richardson provided an update on personnel at the AAG. He also announced that the AAG elections in 2013 will be held online. The AAG has researched several online election systems for accomplishing this, and plans to select the final system in the summer of 2012.

Richardson discussed ongoing improvements to the AAG website, which underwent a substantial overhaul and was launched in the summer of 2010. The Knowledge Communities were recently implemented and the AAG has since offered training and technical support to members, including a special session at the New York Annual Meeting.

Richardson noted that a major upgrade to the iMIS membership management system would occur during the summer of 2012. This will involve moving the entire system to new servers, updating software, and custom programming of several accounting, membership, and Annual Meeting data processing and interactive online features.

The AAG is also making preparations to provide an option for the Los Angeles Annual Meeting attendees to have the Meeting Program available also online for handheld devices such as smart phones, laptops, and tablets.

Research

Richardson remarked that the many currently funded research programs are proceeding well. He pointed to a strong trajectory of projects, scheduled to last well into 2013.

Solis gave an overview on the launch of several new projects in the second

half of 2011. She mentioned international activities under MyCOE and the AAG's multiple diversity programs. MyCOE is focused on a partnership showcase at the June 2012 Rio+20 conference, making good progress towards that goal.

A newly funded MyCOE program was recently launched, supported by the US Department of State, with the goal of connecting 165 teachers in 23 secondary schools in the U.S., Bolivia, Nicaragua, Ghana and the Philippines and to assist them in enhancing their capacity to use social networking and online mapping tools. Under this initiative, there are currently over 150 teachers signed-up and using a dedicated Knowledge Community, their Facebook page is very active, and the project is proceeding well towards achieving the overall goals.

Richardson added that the AAG has invited geographical organizations around the world to participate in MyCOE, to help give geography a presence in Rio.

Kobayashi added that the *International Encyclopedia* will also be major vehicle to gather international participation.

Solís briefly also mentioned a number of diversity sessions organized and co-sponsored by the AAG ALIGNED project for the Annual Meeting in New York. The Catalyzing Research project is now poised for its first workshop with 20 new participants, who will be meeting at the end of March 2012 at Temple University.

The AAG is also continuing to lead a long-standing cooperative agreement, launched in August 2008 with the U.S. Department of State, to provide support for local end-users of geospatial data in selected African countries. Currently, the AAG is making plans to co-host a training workshop in Kampala, Uganda with partners EIS-Africa and Makerere University. Scheduled for June 25-29, 2012, the workshop will focus on enhancing the capacity of planners who work in the Lake Victoria Region of East Africa, to use geographic concepts and geospatial data to address the consequences of urban sprawl and increasing population pressure affecting the natural environment there. The Kampala workshop will be held at

Makerere University and will pair six Ugandan urban planners with six university students into teams. The State Department will provide high resolution satellite images of the planners' townships and districts, while the University will host the trainers and participants in its computer lab. Training will include the analysis and interpretation of high resolution satellite imagery and methods and procedures for deriving digital base maps and data layers.

In connection with the AAG Initiative for an NIH-Wide GIS Infrastructure, the AAG also recently received a competitively awarded grant from NIH's cross-cutting OppNet Program entitled *Geospatial Frontiers in Health and Social Environments*. This funding supports a series of three scientific symposia to examine the possibilities and challenges for health-and-environments research that are associated with innovative developments in the fields of geography and GIScience. Senior project personnel include: Douglas Richardson (PI), Michael Goodchild, Mei-Po Kwan, Jonathan Mayer, and Sara McLafferty. Each symposium will involve approximately 25 leading geographers, GIScientists, biomedical scientists, public health researchers, and senior NIH officials to encourage interactive dialogue.

The first two symposia are scheduled in April 2012 and July 2012. The April symposium will focus on the theme of *Spatiotemporal Analysis for Health Research*. The July symposium will focus on the theme of *Geospatial Frontiers in Health and Social Environments: Enabling a National Geospatial Cyberinfrastructure for Health Research*. The third symposium, to be held in early 2013, has as its theme *Synthesis: Towards a Unified Vision*. This final symposium will provide a capstone to the project, building on the first two symposia, and result in an innovative research agenda to enhance the integration and sophistication of GIScience-based approaches in health and environment research.

Education

Michael Solem gave a brief update on the EDGE project, researching and improving geography graduate education

for Business, Government, and Non-Profit (BGN) careers, and the numerous paper and panel sessions on careers in geography organized for the Annual Meeting in New York, with dozens of volunteer mentors participating. He shared the newly redesigned EDGE brochure.

The new AAG "Understanding the Changing Planet" website will also provide extensions and multimedia add-ons for chapters in the newly published *Practicing Geography* publication.

Solem mentioned he is also working on a proposal to compare teacher preparation internationally.

Solem pointed out that the AAG is completing a directory of all departments offering online or hybrid courses; currently this directory comprises a list of over 900 courses, in more than 200 institutions.

Upon Rogers Downs' retirement, Solem will be joining the GENIP board this year, along with Susan Gallagher Heffron and Joseph Stoltman as AAG representatives. Solem also mentioned that the *Geography for Life: National Geography Standards, Second Edition* that Susan Gallagher Heffron has been working to finalize, are in the final editing phase and expected to be released in the course of 2012. Richardson shared the AAG's Resolution in Support of Geography Education and pointed out the many high-profile endorsers from the government, business and academic sectors who have signed-on to the AAG Resolution. He mentioned the possibility of eventually running this as an ad in the *Washington Post*, when Congressional efforts to fund geography education move forward.

Outreach

The AAG continues an intensive program of outreach to federal government agencies; international geography organizations; dozens of other associations such as AAAS, COSSA, ACLS, and AGI; educational and research organizations such as NRC, NCCE, NSF, NIH, NASA, USGS and many others; geography funding agencies; foundations; inter-

Continued on page 30

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disciplinary outreach; developing regions institutions and colleagues; human rights organizations; and many more.

Richardson also noted that, as a result of his recent outreach efforts in China, the AAG will sign a Memorandum of Understanding with the Geographical Society of China at the New York Annual Meeting. He added that the AAG has joined the American Geosciences Institute (AGI), in response to a request from Past Presidents Carol Harden, William Graf and Richard Marston. Richardson continues to play a leading role in the AAAS Science and Human Rights Coalition.

Annual Meeting

Richardson mentioned several high-light sessions organized for New York, including the plenary honoring Mary Robinson as the AAG Atlas Awardee, the AAG's Human Rights session with Nicholas Kristof and Salil Shetty, and the AAG's international geographical society sessions titled "Snapshots: Geography in the World Today."

Kobayashi described her opening plenary, entitled: "The City Beyond Symbolism," featuring panelists Frances Fox Piven, Grace Lee Boggs, Scott Kurashige, Don Mitchell and Ruth Wilson Gilmore.

At the time of the Spring Council meeting, more than 8,500 attendees were registered.

Future Meetings

The 2013 Annual Meeting will be held in Los Angeles, California, the 2014 Meeting will be in Tampa, Florida, and the 2015 Meeting in Chicago, Illinois. Council discussed several venues to be considered for the years 2016 and beyond, including Boston, San Francisco, Saint Louis, Baltimore, Washington, DC, and New Orleans.

Letter requesting family/child support

Council discussed a request for more family and child support to facilitate attendance and participation in the AAG Annual Meeting. Glasmeier moved to table a response until Council is able to gather more information on what sister

organizations offer their members, and the implications of additional support. James seconded the motion, which was unanimously approved. Richardson offered to respond to the authors of the letter.

Honors and Awards

Richardson gave an overview of the Honors and Awards to be distributed at the Annual Meeting.

Past President Foote proposed a motion to increase the maximum number of awardees from the current six to eight. Council discussed this proposal. Alderman seconded the motion, it was passed unanimously.

Council also expressed support for expanding the categories of awards. On this subject, President Kobayashi put forward a motion to reinstate the AAG Anti-Racism Award, at the same time keeping the existing Enhancing Diversity Award.

Tyner moved to create the AAG Harold M. Rose Award for Anti-Racism Research and Practice, Alderman seconded the motion and it was passed unanimously. Further Council discussion resulted in a decision to create a three-member award committee for this award, and that future committees should include at least one previous recipient of this award. Council also requested that the committee for the implementation of the award (criteria, deadlines, etc.) be formalized by the Committee on Committees after the Annual Meeting in New York. Wright moved to commend the Honors Committee for its work. James seconded, the motion was passed unanimously, with one abstention.

Committees and Specialty Groups

Secretary Zorn presented the current slate submitted by the Committee on Committees and moved for its approval. Wright seconded the motion, which was passed unanimously. WinklerPrins moved to allow the Nominating Committee to fill vacancies as needed (for this year); Wright seconded, the motion was passed unanimously.

Till updated Council on the most recently submitted Specialty Group reports.

A request to allow the formation of a Polar Geography Specialty Group was discussed. James moved to approve the request, seconded by Greiner. Further Council discussion resulted in an agreement to table this decision to the Fall Council meeting, asking Councillors Till and Raphael to communicate with the chairs of the proposed Polar Geography Specialty Group and the existing Cryosphere Specialty Group.

Council

Richardson announced the 2012 AAG Election results:

President: Eric S. Sheppard, University of Minnesota

Vice President: Julie A. Winkler, Michigan State University

National Councillors: John Harrington, Jr., Kansas State University; Elizabeth A. Wentz, Arizona State University

Honors Committee A: Richard A. Marston, Kansas State University

Honors Committee B: John Kupfer, University of South Carolina; Diana M. Liverman, University of Arizona

Nominating Committee: Leslie Duram, Southern Illinois University; Robert W. Lake, Rutgers University; Fausto O. Sarmiento, University of Georgia

Regional Councillors elected Brad Rundquist as their Chair.

Zorn nominated Derek Alderman to chair the Publications Committee. Alderman accepted the nomination, and Sheppard seconded the motion. The nomination was unanimously confirmed.

Glasmeier nominated Marilyn Raphael to serve as Treasurer for one year. Raphael accepted the nomination, Sheppard seconded the motion. The nomination was unanimously confirmed.

The Fall Executive Committee and Council meeting dates were discussed and it was agreed that the Executive Committee meeting would be held on the shoulder of the October APCC regional meeting, precise dates to be confirmed. The Fall Council meeting will run from the evening of Nov. 2nd, through mid-day on Nov. 4th in Washington, DC, to allow some Councillors to also participate in

the Middle-Atlantic and Middle States regional meetings.

President Kobayashi read the following Council Resolutions, which were unanimously approved.

Resolutions

Whereas, Kenneth E. Foote, as Vice President, President, and Past President of the Association of American Geographers has ably led the Association in addressing the challenges facing the discipline of Geography, particularly by developing leadership within geography departments; building community and inclusion throughout the discipline; fostering creative responses to changing opportunities; supporting early career faculty as well as geographers the public, private and non-profit sectors; and thus has contributed considerable and significant efforts that advance the AAG's mission, goals, and activities;

Therefore Be It Resolved that the Association of American Geographers, assembled in New York City, New York on the occasion of its 108th Annual Meeting, heartily thanks Ken for his leadership of the Association during the past three years, especially for his efforts to develop individual and institutional capacities within geography departments, his role in improving geography

curricula and programs, and for encouraging us to challenge, at times, some of the fundamental assumptions of our trade.

Whereas, Councillors of The Association of American Geographers expend substantial time and effort advancing the causes of the Association and the discipline; and

Whereas, the Council of The Association of American Geographers has confronted numerous challenges and responded to many opportunities during the last three years;

Therefore Be It Resolved that The Association of American Geographers, assembled in New York City, New York on the occasion of its 108th Annual Meeting, extends its appreciation and thanks to Past President Ken Foote and retiring AAG Treasurer and National Councillor Amy Glasmeier, National Councillor Allan James, East Lakes Regional Division Councillor and Publications Committee Chair Antoinette Winkler-Prins, Middle States Regional Division Councillor Laurie Hummel, Southwestern Regional Division Councillor and Regional Division Councillor Chair Alyson Greiner, and West Lakes Regional Division Councillor Dagmar Budikova for the energy, time, and

talent they dedicated to the Association during their terms on the AAG Council.

Whereas, Members of The Association of American Geographers offer their talents, time, and ideas to support the activities of the Association as Chairs and Members of various association committees appointed by the AAG Council;

Therefore Be It Resolved that The Association of American Geographers, assembled in New York City, New York on the occasion of its 108th Annual Meeting, thanks the outgoing Chairs and Members of the AAG Committees for their service to the Association, the discipline and the profession during their committee terms.

Council moved to closed session at 2:20 p.m.

Respectfully submitted,
Jenny Zorn, AAG Secretary

Call for Nominations: AAG Vice President and National Councillor

The AAG Nominating Committee for the 2013 election is seeking nominations for AAG Vice President (one to be elected) and National Councillor (two vacancies). Those elected will take office on July 1, 2013. Members should submit the names and addresses of each nominee and their reasons for supporting nomination to any member of the committee no later than **September 15, 2012**.

As part of your nomination statement, please confirm that your nominee is willing to be considered by the nominating committee for the position for which you are nominating her or him.

Committee members: Leslie Duram (committee chair) University of Southern Illinois, Carbondale, Dept of Geography & Environmental Resources, Carbondale, Illinois 62901 (duram@siu.edu); Fausto O.

Sarmiento, University of Georgia, Geog-Geol Bldg, 210 Field Street, Athens, GA 30602 (fsarmien@uga.edu); Robert W. Lake, Rutgers University, Civic Square Building, Room 483, 33 Livingston Avenue, New Brunswick, NJ, 08901 (rlake@rutgers.edu).

Lists of past and current AAG officers may be found in the Handbook section of the current issue of the AAG's *Guide to Geography Programs in the Americas*.

Jobs in Geography

United States

*CALIFORNIA, ARCATA

Humboldt State University invites applications for an academic-year tenure-track faculty position in **Environmental Studies** starting August 2013 (Job#7533). Successful candidate will teach upper and lower division courses in environmental studies and in general education. This position serves as program leader for the new major in Environmental Studies. A Ph.D. or equivalent in Environmental Studies or related field from an accredited college or university is preferred at the time of appointment. ABDs with considerable progress towards degree completion by appointment date will be considered. The minimum qualifications include a proven record of teaching effectiveness, expertise in human/environmental interactions, and record of or potential for research, scholarly and/or creative activity.

Apply: For complete vacancy announcement and to apply, visit <http://apptkr.com/262246>.

Full consideration will be given to completed applications received no later than October 31, 2012. Position is open until filled.

HSU is an EO/Title IX/ADA Employer. jeid-c07027c43f6d314874daa414c0d79dc0.

SEP 12-145

CALIFORNIA, ARCATA

JOB#7534 - Humboldt State University Department of Geography invites applications for a full-time tenure-track faculty position with a specialty in **Cartography and Geospatial Analysis** beginning August 2013. We seek to fill this position at the **Assistant Professor** level; rank and salary are dependent upon the appointee's qualifications and experience.

Strong geospatial analysis and design skills in teaching and research are required. Candidates must demonstrate ability to communicate information in topical or applied research using cartographic design and geospatial analysis. The successful candidate must be committed to quality undergraduate teaching and scholarship. Primary teaching responsibilities include upper-division cartographic and geospatial analysis courses, with at least one other upper division topical or technical course that employs geospatial analysis. This position serves as Director of the HSU Institute for Cartographic Design.

Other responsibilities include a commitment to scholarship and service. Ph.D. in Geography or closely related field is preferred at the time of appointment (completion of Ph.D. is required prior to start of 2nd probationary year).

The Geography Department includes 120 majors, a dedicated Geospatial lab, Dendroecology lab, smart classrooms, and superb opportunities for field study.

This position is open until filled. First review begins October 30, 2012. For the full vacancy announcement and application instructions, see: <http://apptkr.com/255279>.

For details about the University and the Department, see: <http://humboldt.edu/geography>.

HSU is an EO/Title IX/ADA employer.

JUAG 12-142-3

*CALIFORNIA, LOS ANGELES

The Department of Geosciences and Environment at California State University, Los Angeles

invites applicants for a tenure-track position at the **Assistant Professor** level starting September 2013. We are seeking candidates with broad training in **Urban Geography** who will be able to expand our course offerings in the urban environment. Expertise in one or more of the following areas will be highly desired and befitting our strategic growth over the next five years: transportation, climate change and urban form, and sustainable urban development. Candidates with an interest in teaching research methods courses, particularly application of GIS in transportation or urban planning, will be given preference. Candidates with an interest in community-based research and the willingness to work within a multidisciplinary academic environment are highly desirable.

A Ph.D. in Geography or a closely related discipline from an accredited institution of higher education is required by the start date. Candidates should provide record of or potential for scholarly activity, as well as the dem-

"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: January 1 for February issue). Readers will receive their Newsletter copies between the 5th and the 15th of the month. Schedule job closing dates with these delivery dates in mind.

Format: Announcements should be sent as an attachment or in the body of an e-mail to jig@aag.org. The announcements must be saved in Microsoft Word 5.0 or greater, or Corel WordPerfect 6 or greater. No job announcements accepted by phone or fax. 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.

Display ads are also available. Ads will be charged according to size: 1/6 page (2 1/4" x 5") \$400; 1/3 page vertical (2 1/4" x 10") \$650; 1/3 page square (4 3/4" x 4 3/4") \$650; 1/2 page horizontal (7" x 5") \$750; 2/3 page horizontal (7" x 8") \$900; Full page (7" x 10") \$1,100. Display ads run for one month only. Please submit the text of your display ad as a separate document, if you would like to appear in the online version of the JIG.

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

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for the Jack and Laura Dangermond Endowed Chair in Geography. This position is open rank. The successful candidate will have active research and teaching interests in Geographic Information Science. He or she would be broadly trained including interdisciplinary experience and commitment to disciplines directly relevant to GIScience.

Appointment to the directorship of UCSB's multidisciplinary Center for Spatial Studies is also a possibility. In order to be considered for the Center directorship, the successful candidate should also be committed to the advancement of spatial education and the use of spatial perspectives across the sciences, engineering, and the humanities. A focus on spatial reasoning, spatial thinking, spatial cognition, or fundamental spatial concepts would be especially relevant to the directorship.

Only applicants with a PhD will be considered. The Department has strengths in three broadly defined areas: human-environment relations; modeling, measurement, and computation; and earth system science. The department is especially interested in candidates who can contribute to the diversity and excellence of the academic community through research, service, and teaching and, through the Center for Spatial Studies, contribute to the interdisciplinary advancement of spatial knowledge across campus. The application deadline is November 30, 2012; the starting date is July 1, 2013.

Apply: Qualified applicants should send their complete curriculum vitae, statement of research and teaching interests, and names of three referees with addresses, preferably by email, to: dangermond_chair@geog.ucsb.edu; or by mail to: Search Committee, Department of Geography, University of California, Santa Barbara, Santa Barbara, CA 93106-4060.

To learn more about the department, visit our website at www.geog.ucsb.edu. An EO/AA Employer.

SEP 12-154

*CONNECTICUT, STORRS

Head, Department of Geography, University of Connecticut. The Department of Geography at the University of Connecticut invites applications for the position of department head beginning August 2013. Specialization is open, but preference will be given to candidates who have been broadly trained, who value the range of methods that geographers employ, and who have experience in interdisciplinary engagement. The successful candidate for this position

onstrated potential for effective teaching using a variety of methodologies. Candidates should also demonstrate the ability for or interest in teaching at a multicultural, multiethnic campus. In addition to teaching 3 courses per quarter, duties include student advisement/mentoring and committee service for the Department, College of Natural and Social Sciences, and the University. Review of Application will begin on November 1, 2012 and will continue until the position is filled.

Apply: Address application, required documentation and/or request for information to: Search Committee, Department of Geosciences and Environment, California State University, Los Angeles, 5151 State University Drive, Los Angeles, CA 90032-8222.

SEP 12-152

CALIFORNIA, LOS ANGELES

The California Center for Sustainable Communities at UCLA is hiring a **post-doctorate researcher or professional researcher**. Prior experience in one or more of the following

areas is an advantage: urban metabolism, land use, energy policy, urban sustainability, environmental science. The ideal candidate will have a balance of analytical and communication skills and the ability to undertake independent, but supervised research. Synthetic approaches to information and an ability to see the big picture are essential.

More information about the Institute of the Environment and Sustainability and Dr. Pincetl's research can be found at: www.environment.ucla.edu and www.environment.ucla.edu/ucpe. A complete job description is available at www.environment.ucla.edu/research/article.asp?parentin=14850.

Apply: Applicant should send a resume, cover letter and a 2-3 page writing sample in one PDF packet to Zoe Elizabeth, zelizabeth@ioes.ucla.edu.

JUAG 12-130

*CALIFORNIA, SANTA BARBARA

The University of California, Santa Barbara, Department of Geography invites applications

will have a Ph.D. in Geography or cognate field, with academic achievements commensurate with appointment as a full professor with tenure; a highly distinguished record of research, teaching, and mentoring graduate students; and demonstrated leadership and administrative skills and experience. The Department has 14 faculty, (five have joined in the last five years) with expertise in human geography, environmental change and geographic information science, and is poised to expand further as the University of Connecticut recruits an additional 275 faculty to consolidate its position as the best public university in New England and one of the top 20 public universities nationwide. The successful candidate will be expected to advance the department's mission by attracting and mentoring the highest quality faculty, strengthening the graduate program, and expanding the department's interdisciplinary research activities. Overall, the Head will be tasked with guiding Geography at the University of Connecticut to a higher level of national stature. Further information about the department can be found at: <http://www.geog.uconn.edu/>. Interested candidates should apply online with their CV, three separate 1-2 page statements that describe their leadership philosophy, teaching philosophy, and research specialization, and contact information for five (5) references (contact with references will not be made without your prior consent and only if selected as a viable candidate). Screening of applications will begin November 15th 2012, and continue until the position is filled. The University of Connecticut actively solicits applications from minorities, women, and people with disabilities. The University of Connecticut is an EEO/AA employer. (Search #2013053). For further information about this position please contact the Chair of the Search Committee, Anji Seth (anji.seth@uconn.edu).

SEP 12-166

*ILLINOIS, EDWARDSVILLE

The Department of Geography and the Environmental Sciences Program at Southern Illinois University Edwardsville invite applications for a jointly appointed, tenure track position at the **Assistant Professor** level beginning in August of 2013. PhD at time of appointment is required.

Southern Illinois University Edwardsville is seeking applications for an **Environmental or Physical Geographer** with expertise in **Geographic Information Systems**. The successful candidate will be expected to teach courses in Geography and Environmental Sciences at

the undergraduate and graduate level. Both programs support the development of innovative courses in the candidate's area of expertise. Faculty in both programs have extensive opportunities to develop their teaching and research agendas. Excellence in teaching is expected, as is the development of an externally funded research program involving both undergraduate and graduate students.

SIUE is a nationally recognized university with the only geography program in the St. Louis Metropolitan area. The Geography Department has about 100 undergraduate majors and over 40 Master's students. Areas of specialization include biogeography, climatology, cultural geography, hydrology, urban studies, as well as GIS and remote sensing. The Environmental Sciences program is comprised of a Master's of Science, a Professional Science Masters (PSM), and an Environmental Sciences undergraduate minor. The Master of Science program offers five areas of degree concentration in environmental biology, chemistry and toxicology, education, policy and public administration, and technology and assessment. Candidates are encouraged to visit the following websites at www.siue.edu/GEOGRAPHY and www.siue.edu/artsand-sciences/environment to learn more about how they can complement both programs.

Applicants should submit a cover letter; a letter of application that details their teaching and scholarship interests; a current curriculum vitae; evidence of teaching effectiveness; contact information for three current references; and photocopies of all academic transcripts.

SIUE is an equal opportunity employer and is committed to enhancing the diversity of its faculty, staff and students; applications from women, minorities, people with disabilities, and veterans are encouraged.

Apply to: Randall S. Pearson, Chair, Search Committee, Department of Geography, Box 1459A, SIUE, Edwardsville, IL 62026. Screening of applications will begin on October 1, 2012 and continue until the position is filled.

SIUE is a state university – benefits under state sponsored plans may not be available to holders of F1 and J1 visas.

SEP 12-165

*INDIANA, BLOOMINGTON

The Department of Geography invites applications for a tenure-track **Assistant Professor** position in **Global Environmental Change** as part of a series of strategic hires in the department. Research and teaching specializations

are open, but we are particularly interested in outstanding candidates who use **GIS** and other geospatial approaches to analyze environmental processes. Ability to address associated issues of environmental vulnerability and risk would be advantageous. Teaching duties will include both undergraduate and graduate courses.

Applicants should have or expect to receive the doctoral degree by August 2013. Applications received by November 15, 2012 are guaranteed full consideration. The position will remain open until filled.

Applicants should submit a letter of application describing research and teaching interests, c.v., and up to four representative publications. Three letters of reference should be sent separately.

Apply: Dr. Scott Robeson, Chair, Department of Geography, Indiana University, 701 E Kirkwood Ave, Bloomington, IN 47405-6101, USA. Electronic materials are preferred and should be sent as pdf attachments to geog@indiana.edu with the subject line "Global Environmental Change Application."

Indiana University is an Affirmative Action/Equal Opportunity Institution M/F/D. The university promotes cultural diversity with regard to gender, race, ethnicity, nationality, sexual orientation and religion.

SEP 12-155

*INDIANA, BLOOMINGTON

The Department of Geography invites applications for a tenure-track **Assistant Professor** position in **Human Geography** as part of a series of strategic hires in the department. Research and teaching specialization is open, but we are particularly interested in outstanding candidates who show substantive engagement with theory and the **Geography of Development**.

Teaching duties include both undergraduate and graduate courses. Applicants should have or expect to receive the doctoral degree by August 2013. Applications received by November 1, 2012 are guaranteed full consideration. The position will remain open until filled.

Applicants should submit a letter of application describing research and teaching interests, c.v., and up to four representative publications. Three letters of reference should be sent separately.

Apply: Dr. Scott Robeson, Chair, Department of Geography, Indiana University, 701 E Kirkwood Ave, Bloomington, IN 47405-6101, USA. Electronic materials are preferred and should be sent as pdf attachments to geog@indiana.edu

indiana.edu with the subject line "Human Geography Application."

Indiana University is an Affirmative Action/Equal Opportunity Institution M/F/D. The university promotes cultural diversity with regard to gender, race, ethnicity, nationality, sexual orientation and religion.

SEP 12-156

INDIANA, BLOOMINGTON

Indiana University – Bloomington. The Department of Geography invites applicants for a **Visiting Assistant Professor** position in **Physical Geography** to begin on January 1, 2013. Candidates must have a Ph.D., teaching experience, and research and teaching interests that complement current strengths of the department. The appointee will be expected to teach introductory and advanced courses in physical geography, climatology, and environmental topics. Ability to teach world regional geography would be advantageous. Specific teaching duties will be arranged based on candidate background and experience. Instructional responsibilities will be three courses per semester. Initial appointment will be for three semesters, with possibility of extension. Applicants should have or expect to receive the doctoral degree by December 2012. The position will remain open until filled.

Applications received by October 1, 2012 are guaranteed full consideration. Applicants should submit a curriculum vitae, plus concise teaching and research statements (less than two pages each), and contact information for three referees.

Apply to: Dr. Scott Robeson, Chair, Department of Geography, Indiana University, 701 E Kirkwood Ave, Bloomington, IN 47405-6101, USA. Electronic materials are preferred and should be sent as pdf attachments to geog@indiana.edu with the message subject of "VAP in Physical Geography".

Indiana University is an Affirmative Action/Equal Opportunity Institution M/F/D. The university promotes cultural diversity with regard to gender, race, ethnicity, nationality, sexual orientation and religion.

JUAG 12-144

*IOWA, IOWA CITY

The Department of Geography at The University of Iowa invites applications for a tenure-track appointment at the rank of **Assistant Professor** in the area of **International Health**. The appointment will begin in August 2013.

The department's focus is on human-environment interaction informed by geographic

information science. We seek an outstanding candidate in the area of international health who will enhance our national and international reputation in health geography and the application of GIScience to health problems. The applicant's primary teaching and research interests could include, for example, topics on access to health care from an international perspective, the rise of non-communicable diseases in the developing world, or the spread of infectious diseases as a consequence of climate change. Knowledge about the use of geographic information technologies in teaching and research is expected.

The successful candidate will have a Ph.D. in geography or related discipline by the time of appointment, a commitment to excellence in teaching and research in an active department with a graduate program, and show promise for gaining external funding to support research activities. The ability to complement one or more of the department's other strength areas in geographic information science, land use science, environmental policy, and biogeography is desirable. The candidate will have an opportunity to contribute to several current extra-departmental teaching and research initiatives on the Ulowa campus, for example, the Global Health Studies Program and Ulowa's popular International Studies major that has an emphasis area in international health. The Department of Geography and College of Liberal Arts and Sciences are strongly committed to gender and ethnic diversity; the strategic plans of the University and College reflect this commitment. Women and members of under-represented minorities are especially encouraged to apply. The University of Iowa is an affirmative action/equal opportunity employer. For further information, please see our web page describing this position at <http://www.uiowa.edu/~geog/healthposition> and <http://jobs.uiowa.edu>, requisition #61143.

Candidates must submit applications online at <http://jobs.uiowa.edu/> (requisition #61143). Attachments to the application should include a letter of application, a CV, a statement of research interest, a statement of teaching interest, and evidence of teaching effectiveness. Three letters of recommendation are required as part of the application process. Upon submission, references selected will be notified by e-mail with directions on how to electronically submit letters to the University of Iowa.

Screening of applications begins November 9, 2012 and will continue until the position is

filled. Questions regarding this position can be directed to Professor Kathleen Stewart, kathleen-stewart@uiowa.edu or 319-335-0161.

SEP 12-151

*KENTUCKY, DANVILLE

Tenure-track Assistant Professor of Environmental Studies.

Centre College invites applications for a tenure-track Assistant Professor of Environmental Studies, with a focus in policy or sustainability, beginning August 2013. Ph.D. required. Six courses per year, including upper-level courses on environmental policy and sustainable development, and courses in, or cross-listed with, Government, International Studies, History, or Economics. Also Introductory Environmental Studies, First-Year Studies course, off-campus course, and intensive senior seminar. Continuing research program expected; collaborative research with undergraduates encouraged and supported.

Centre College is a highly selective liberal arts college of 1,350 students, listed by *U.S. News* in the top fifty liberal arts colleges in the nation. Classes are small and academic standards high. Located in Danville, Kentucky, small town of 18,000 recognized for its high quality of life, within easy driving distance of Lexington, Louisville, and Cincinnati. Centre College is committed to hiring a diverse faculty of teachers/scholars. For more info, go to www.centre.edu.

Apply at <http://www.interfolio.com/apply/14068>.

Review of applications will begin September 28, 2012. Centre College is an Equal Opportunity Employer.

SEP 12-163-1

*MICHIGAN, ANN ARBOR

The Survey Research Center in the Institute for Social Research at the University of Michigan invites applications from outstanding candidates for **Faculty Research Fellow** appointments in any area of social science research including anthropology, demography, economics, education, geography, psychology, public health, social epidemiology, social work, sociology, survey methodology, statistics, and urban studies. Faculty Research Fellow appointments are designed to be commensurate and competitive with tenure-track academic or research appointments at any leading research university or organization, and are intended to lead directly into a Research Professor tenure-track career within the Survey Research Center.

We seek to attract the very best early career social scientists whose interests and aspirations incline them toward a career doing externally funded interdisciplinary social science research on problems of social and scientific importance (e.g., education, poverty and social welfare, psychosocial and economic factors of aging and health, social and psychological development of individuals and families over the life course).

Applicants may initiate the process by submitting a letter describing their scholarly activities and interests in SRC, along with a curriculum vita, names of three references, and one or two recent publications or working papers. Concurrently, applicants should request that the three letters of reference be sent directly to the e-mail address below. Send applications, letters of reference, and inquiries electronically to SRCSearch@isr.umich.edu. Reference position # 72722. Applicants are encouraged to apply no later than Nov.1, 2012.

For more information on the Survey Research Center and the Faculty Research Fellows Program, visit our Web site at <http://www.src.isr.umich.edu>.

The University of Michigan is an Affirmative Action/Equal Opportunity Employer and is responsive to the needs of dual career couples. Women and minority candidates are encouraged to apply.

SEP 12-157

*MINNESOTA, MINNEAPOLIS

The Department of Geography at the University of Minnesota, Twin Cities invites applications for a full-time, tenure-track or tenured faculty position in **Urban Geography** to begin fall semester 2013 (08/26/2013). Appointment will be 100% time over the nine-month academic year (late-August to late-May). Appointment will be made at the rank of **tenure-track assistant professor or tenured associate professor**, depending on qualifications and experience and consistent with collegiate and University policy.

The department seeks an exceptional scholar and teacher in the field of Urban Studies whose work focuses on contemporary urban processes. Regional, methodological and research specialization are open. The candidate will contribute to the interdisciplinary Urban Studies major housed within the Department, collaborate with colleagues working in metropolitan studies throughout the University community, and establish relationships with individuals working in similar fields beyond the university.

At the time of appointment, the candidate must: (1) possess a Ph.D. in geography

or a related field; (2) provide evidence of a record of publication in peer-reviewed journals and graduate advising appropriate to level of appointment; and (3) demonstrate the ability to communicate effectively with students, practitioners, and the public. Ability to develop an externally funded research program is desired.

Faculty in the Department of Geography in the College of Liberal Arts are expected to: (1) maintain an active research program; (2) teach four courses per year at the undergraduate and graduate levels; (3) publish regularly in appropriate high-quality peer-reviewed outlets; (4) advise undergraduate students and direct graduate student research at the M.A. and Ph.D. levels; and (5) participate in department, college, and university governance, and contribute service to the department, college, University, and profession as appropriate for the rank of appointment.

The Department of Geography at the University of Minnesota is a nationally and internationally recognized department that includes scholars working in urban geography, globalization and development, nature-society studies, social-cultural theory, regional geography, climatology, paleoclimatology, biogeography, and GIScience. The Department has strong connections with a number of College- and University-wide interdisciplinary institutes and centers, including the Interdisciplinary Center for the Study of Global Change; the Institute for Global Studies; the Center for Urban and Regional Affairs; the Institute for Advanced Studies; and the Institute on the Environment.

The Twin Cities of Minneapolis-St. Paul has a population of 3.3 million people, a vibrant outdoors community and arts and entertainment scene, and is rated among the nation's most livable cities.

Applicants must apply online. Applicants wishing to be considered for the position in urban geography at the **TENURE-TRACK** assistant professor level should apply at: <https://employment.umn.edu/applicants/Central?quickFind=104886>.

Applicants wishing to be considered for the position at the **TENURED** associate professor level, should apply at: <https://employment.umn.edu/applicants/Central?quickFind=104988>.

Links to our job postings can also be found at <http://www.geog.umn.edu/>.

Applicants should submit the following application materials to the online employment system: (1) cover letter that includes relevant research and teaching statements; (2) Curricu-

lum Vita; (3) names and addresses of three professional references; and (4) up to 3 publications relevant to this position. Please submit materials to the attention of Chair of Search Committee.

In addition to the materials submitted online, applicants are asked to arrange for three letters of recommendation to be emailed to the attention of the Search Committee Chair at: gdsearch@tc.umn.edu. Please have referees include your name in the subject line. Applications will be considered complete upon receipt of all materials, including letters of reference. Review of complete applications will begin on October 1, 2012 and will continue until the position is filled.

For questions about the application process, please contact the department administrator, Glen Powell, at powel160@umn.edu or 612-625-6080. Inquiries about the position can be sent to George Henderson at hende057@umn.edu.

The Department of Geography has a strong commitment to achieving diversity among faculty and staff, and we encourage applications from underrepresented groups.

SEP 12-159

*MINNESOTA, TWIN CITIES

University of Minnesota, Twin Cities. The Department of Geography at the University of Minnesota, Twin Cities invites applications for a full-time, tenure-track **Assistant Professor** position in **Biophysical Geography** to begin fall semester 2013 (08/26/2013). Appointment will be 100% time over the nine-month academic year (late-August to late-May).

The department seeks an exceptional physical scientist whose research is focused on terrestrial environmental change, but preference will be given to candidates working on problems in paleoclimatology, climate dynamics, or ecological change. Desired qualifications include experience teaching courses in environmental science, biogeography, landscape ecology, or quantitative methods and interest in developing or collaborating on research and/or outreach focused on Minnesota or the upper Midwest. Preference will be given to applicants whose research complements that of other faculty in the Department.

At the time of appointment, the candidate must: (1) possess a Ph.D. in geography, ecology, environmental science, or a closely related field; (2) provide evidence of a record of publications in peer-reviewed journals and the potential to develop an externally-funded research program;

and (3) demonstrate the ability to communicate effectively with students, professionals and the public.

The successful candidate will be expected to: (1) teach four courses per year at the undergraduate and graduate levels, including an introductory undergraduate course in environmental science; (2) publish regularly in appropriate high-quality peer-reviewed outlets; (3) develop a vigorous, externally funded research program; (4) advise undergraduate students and direct graduate student research at the M.A. and Ph.D. levels; and (5) participate in department, college, and university governance and contribute service to the department, college, and profession as appropriate for the rank of appointment.

The Department of Geography at the University of Minnesota is a nationally and internationally recognized department that includes scholars working in urban geography, globalization and development, nature-society studies, climatology, biogeography, environmental change, and GIScience.

The Department has strong connections with a number of College- and University-wide interdisciplinary institutes and programs, such as the Institute on the Environment, the Center for Urban and Regional Affairs, and the Interdisciplinary Center for the Study of Global Change. Our faculty are actively involved in many interdisciplinary graduate programs including Conservation Biology, Land and Atmospheric Science, Water Resources Science, Quaternary Paleocology, and Geographic Information Science (among others).

The Twin Cities of Minneapolis-St. Paul has a population of 3.3 million people, a vibrant outdoor community and arts and entertainment scene, and is rated among the nation's most livable cities.

Please apply online at:

<https://employment.umn.edu/applicants/Central?quickFind=104412>. Links to our job postings can also be found at: <http://www.geog.umn.edu/>.

Applicants should submit the following application materials to the online employment system: (1) cover letter that includes relevant research and teaching statements; (2) Curriculum Vita; (3) names and addresses of three professional references; and (4) up to 3 publications relevant to this position. Please submit materials to the attention of Chair of Search Committee.

In addition to the materials submitted online, applicants are asked to arrange for three

letters of recommendation to be emailed to the attention of the Search Committee Chair at: gdsearch@tc.umn.edu. Please have referees include your name in the subject line. Applications will be considered complete upon receipt of all materials, including letters of reference. Review of complete applications will begin on October 1, 2012 and will continue until the position is filled.

For questions about the application process, please contact the department administrator, Glen Powell, at powel160@umn.edu or 612-625-6080. For inquiries about the position, please contact Scott St. George at stgeorge@umn.edu.

The Department of Geography has a strong commitment to achieving diversity among faculty and staff, and we encourage applications from underrepresented groups.

SEP 12-160

*MONTANA BOZEMAN

The Department of Earth Sciences is searching for a **Human Geographer** who specializes in the economic and political dimensions of natural resource use, management, and protection and who can provide regional expertise on topics related to climate change, water, and/or resource vulnerability in the western U.S. The position is a 1.0 FTE, Academic Year appointment for an **Assistant Professor** starting August 15, 2013. Duties include advising geography undergraduate and graduate students; teaching courses in human and world regional geography and upper-division/graduate courses in their specialty area.

Full details are at www.montana.edu/jobs/faculty/12210-2. Screening of applications will begin on September 17, 2012 and will continue until a suitable candidate is selected. We encourage applications from members of underrepresented groups. Montana State University is an institution committed to cultural diversity.

AA/ADA/EEO/Vet Pref Employer.

SEP 12-169

*NEW YORK, NEW YORK

Data & Research Analyst. The Church Pension Group, the benefits and insurance organization for the Episcopal Church, is seeking a **Research Analyst** with specialization in **Geographic Information Systems (GIS)**. The successful candidate will be responsible for the creation and maintenance of company spatial data, as well as mapping and spatial analysis. Additionally,

the candidate will take a major role in survey research; preparing and pre-testing surveys and ensuring their successful administration; and formulating research designs and plans for analysis in consultation with senior management. The incumbent will also perform advanced statistical analyses and assist in the preparation of policy documents and benefits analysis presentations.

Successful candidates must have a Master's or doctoral degree in Social Science, with expertise in Census/demographics, work and careers, organizations, and equality issues a plus; along with 2 or more years of related experience in research and GIS. Qualifications also include knowledge of Microsoft Office Suite; a high level of proficiency with the ESRI ArcGIS suite of products and open-source GIS tools; and knowledge of major statistical packages (SPSS and/or Stata preferred). A familiarity with non-profit organizations and an understanding of the nature of Episcopal Church institutions, their staffing and governance, and their relationships to each another is a plus.

We offer a competitive compensation and benefits package with opportunity for professional and personal growth. For consideration please send/fax your resume including the job reference code on all correspondence, to: Human Resources Specialist, Church Pension Group, 445 Fifth Avenue, New York, NY 10016; Fax: 212-592-9425; E-mail: jobs@cpgr.org; JobRefCode: DATA. EOE, M/F/D

In compliance with federal law, all persons hired will be required to verify identity and eligibility to work in the United States and to complete the required employment eligibility verification document form upon hire. Please understand that, as a general policy, CPG does not sponsor visas.

SEP 12-168

*OHIO, COLUMBUS

The Ohio State University, Department of Geography, **Reusché Chair in Geography**. The Department seeks an outstanding and distinguished researcher with a **strong commitment to geographic information science**. Appointment will be at the rank of **Professor**. Established in 2012, the Reusché Chair is endowed by a generous gift from Bob and Mary Reusché. We seek candidates who are committed to the highest standards of scholarship and professional research and educational activities, and to the development of graduates who will continue to shape and advance the discipline. In keeping with the strong tradition of excellence

PENNSTATE



Assistant Director for Penn State's Geospatial Intelligence Programs

The John A. Dutton e-Education Institute and the Department of Geography at The Pennsylvania State University (University Park campus) invites applications for a full-time, non-tenured faculty position to serve as Assistant Director for Penn State's online professional education programs in Geospatial Intelligence, offered by the Department of Geography. This is a one-year fixed-term appointment with excellent possibility of re-funding. Faculty rank will be determined by the qualifications and experience of the successful applicant.

As Assistant Director, you will be expected to provide program leadership, teach online classes in geospatial intelligence, advise and/or mentor graduate students and participate in externally funded GIScience research in GIS, remote sensing and/or intelligence analysis. Opportunities for a successful applicant may include working with private and public sector partners on professional education projects. Teaching responsibilities will be in the online intercollege Master of Professional Studies in Homeland Security (iMPS) program and the Graduate Certificate in Geospatial Intelligence, with opportunity to teach in other Penn State programs based on interest and expertise. This position is located at the University Park campus and will be appointed to the John A. Dutton e-Education Institute.

Requirements include a Doctorate in Geography, Information Science or a related discipline. Experience in an organization providing geospatial intelligence, intelligence education or intelligence analysis is desired. The individual must have the capability to acquire a Top Secret/Sensitive Compartmented Information (TS/SCI) clearance.

Application review will begin immediately and continue until the position is filled. Please send cover letter and curriculum vitae or résumé, including names, telephone numbers, email and mailing addresses of three professional references to: The Pennsylvania State University, GeoIntel Program Admissions - ATTN: Janet Moyer, Dutton e-Education Institute, 2217 Earth-Engineering Sciences Building, University Park, PA 16802.

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

Opportunities as **limitless** as **Penn State**.
www.psu.jobs

at Ohio State, the Reusché Chair is expected to provide leadership in enhancing the department's reputation. This position is expected to help the department reach its goal of international/national eminence in GIScience and the production of geographic knowledge. Although the area of specialization is open, the department is particularly interested in candidates whose records demonstrate advanced contributions to cognate fields such as spatial analysis, epidemiology/ public health, transportation/ urban studies, or environmental science.

Apply: Applicants should submit a letter of interest, current CV, and the names of three references to: Reusché Chair Search, Department of Geography 1036 Derby Hall, 154 N Oval Mall, Columbus OH 43210. E-mail is acceptable and should be sent to Morton O'Kelly, Chair, Reusché Chair Search Committee, Department of Geography, OSU. E-mail: okelly.1@osu.edu.

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

Consideration of applications will commence on or about November 1, 2012, and will continue until the position is filled.

SEP 12-161

*OKLAHOMA, STILLWATER

Oklahoma State University. The Department of Geography invites applications for a tenure-track **Assistant Professor** beginning August 2013. The department is searching for an outstanding scholar and teacher with a focus in **Natural Resources** or **Global Environmental Change** using **Geographic Information Systems** and **Remote Sensing**. Specialties in energy, agriculture, or water resources are preferred. Demonstrated ability to teach undergraduate and graduate level courses and to secure external funding would be an advantage. A PhD in Geography at the time of appointment is expected. Opportunities exist for collaborative research both within the department and through university centers in energy and water resources. The successful candidate will be expected to develop an excellent instruction program and a research agenda in his or her area of interest that

supports the department's specializations and the outreach/land grant mission of the university.

OSU Geography is a doctoral-granting department housed in the College of Arts and Sciences. The department currently has 15 faculty members and approximately 40 undergraduate majors and 40 graduate students. OSU is a Land Grant University with a resident student population of approximately 22,000. Stillwater is an attractive community of 50,000 equidistant from Tulsa and Oklahoma City. Further information is available on the department website: <http://www.geog.okstate.edu>.

Applicants must submit a letter of application that includes a statement of teaching and research direction, curriculum vitae, and have three letters of reference sent directly to the department. All materials must be received by November 1, 2012. The position is contingent upon available funding. OSU is an EEO/AA/E-Verify employer committed to diversity. OSU-Stillwater is a tobacco-free and weapons-free campus.

Apply: Dr. Dale Lightfoot, Head, Department of Geography, Oklahoma State University, Stillwater, OK 74078-4073. Voice: 405-744-6250. Fax: 405-744-5620. E-mail: d.lightfoot@okstate.edu.

SEP 12-149

SOUTH CAROLINA, COLUMBIA

The Department of Geography at the University of South Carolina invites applications for an **open rank (Assistant/Associate/Full)** tenure-track position with expertise in **Remote Sensing** to begin August 16, 2013. Minimum qualifications include a PhD in Geography or a closely related field, demonstration of a strong record of publication in top remote sensing journals, grant activity, and involvement in national and international remote sensing and GIScience organizations. We particularly seek candidates with demonstrated excellence in research and teaching in theoretical and conceptual issues in remote sensing, including photogrammetric, multi- and hyperspectral, thermal infrared, or active microwave (RADAR) sensors. Preferred candidates will have research interests that complement and expand our existing strengths in the theoretical foundations and application of remote sensing, leadership in national/international remote sensing organizations, a record of graduate student mentoring and placement, and have the ability to work with interdisciplinary groups on and off campus. The successful candidate will join a vibrant, high-ranking department that offers bachelors, masters, and PhD

degrees with a strong tradition in GISciences. The department has excellent, recently renovated facilities that house several specialized activities, including the GISciences Research Laboratory, Climate Research Laboratory, Earth Surface Pattern and Process Laboratory Complex, Center for Excellence in Geographic Education, and the Hazards and Vulnerability Research Institute.

The University of South Carolina (USC) has been designated as one of only 62 public and 32 private academic institutions with "very high research activity" by the Carnegie Foundation for the Advancement of Teaching. The Carnegie Foundation also recognizes USC for its strong community engagement. The University has over 28,000 students on the main campus, 350 degree programs, and a nationally ranked library system. Columbia, the capital of South Carolina, is a dynamic center for government, business, and the arts, and has a population of over 650,000 in the greater metropolitan area.

To apply, candidates should provide a curriculum vitae, statement of teaching interests and experience, names and contact information (including email addresses) of four referees, and a letter of application that outlines research interests, accomplishments, and potential fit within the USC Geography Department. All materials should be submitted electronically to Dr. Michael Hodgson, Search Committee Chair (hodgsonm@sc.edu). For full consideration, completed applications must be received by October 25, 2012, but the search will continue until a suitable candidate is appointed.

The University of South Carolina is an affirmative action, equal opportunity employer. Women and minorities are encouraged to apply. The University of South Carolina is responsive to the needs of dual-career couples.

JUAG 12-131

*SOUTH CAROLINA, COLUMBIA

The Department of Geography at the University of South Carolina invites applications for a full-time tenure track position at the rank of **Assistant Professor** in the area of **Water Resources** to begin August 16, 2013. Minimum requirements are a Ph.D. in geography or a closely related field at the time of appointment and a research focus on the human dimensions of water resources, including the geography, history, law, governance, economics, or management of water.

Preference will be given to candidates who possess a strong record of publication and

extramural funding, research and teaching interests that complement and expand existing strengths in human and physical geography and GIScience, and a demonstrated ability to work with interdisciplinary groups across campus. The position is a joint appointment between the Department of Geography (<http://www.cas.sc.edu/geog/>), which will serve as the tenure home, and the Environment and Sustainability Program (<http://www.enviro.sc.edu/>), an interdisciplinary home for academic programs, research and scholarship, and community outreach activities that link environmental and sustainability initiatives at the University of South Carolina. The successful candidate will have teaching responsibilities in both units.

The University of South Carolina (USC) has been designated as one of only 62 public and 32 private academic institutions with "very high research activity" by the Carnegie Foundation for the Advancement of Teaching. The Carnegie Foundation also recognizes USC for its strong community engagement. The University has over 28,000 students on the main campus, 350 degree programs, and a nationally ranked library system. Columbia, the capital of South Carolina, is a dynamic center for government, business, and the arts, and has a population of over 650,000 in the greater metropolitan area.

Candidates should provide a letter of application describing current and future research activities and teaching interests/experience, a curriculum vitae, and the names and contact information (including e-mail addresses) of at least three referees. All materials should be submitted electronically to Dr. John Kupfer, Search Committee Chair (kupfer@sc.edu). For full consideration, completed applications must be received by November 1, 2012, but the search will continue until a suitable candidate is appointed.

The University of South Carolina is an affirmative action, equal opportunity employer. Women and minorities are encouraged to apply. The University of South Carolina is responsive to the needs of dual-career couples.

SEP 12-146

TEXAS, AUSTIN

The University of Texas at Austin invites applications for the position of **Chair of the Department of Geography and the Environment** to begin in fall 2013. The department has fifteen faculty members and encompasses a broad range of disciplines including social-cultural geography, environmental change, and geographic information systems. Field of specialization for

this position is open, but should complement departmental strengths. The Chair is expected to advance the department's mission by attracting and mentoring the highest quality faculty, expanding and broadening the department's interdisciplinary research activities, and initiating innovative educational programs both at the undergraduate and graduate levels. International research experience is desirable, as is the ability to understand and support the department's varied sub-disciplines. Additional information about the department is available online at: <http://www.utexas.edu/cola/depts/geography/>.

As a faculty member, the successful candidate will be expected to maintain a strong and productive research program, direct graduate research, exhibit excellence in graduate and undergraduate teaching, and demonstrate a commitment to service to the department, college, and university. The successful candidate for this position will have a Ph.D. in Geography or related field, with academic achievements commensurate with appointment as a full professor with tenure; a highly distinguished record of research; international recognition in his or her field; and demonstrated leadership and administrative skills and experience.

Salary will be commensurate with qualifications and experience. Position funding pending budgetary approval.

Apply: An application consisting of a curriculum vitae, letter of interest, a concise statement on administration, research, and teaching, and the names of five referees should be sent to: Department Chair Search Committee, Department of Geography and the Environment, University of Texas, 210 W. 24th Street, Mail Stop A3100, Austin TX 78712-1697.

The committee will begin reviewing applications on September 15, 2012 and will continue until the position is filled. A background check will be conducted on selected applicant.

The University of Texas at Austin is an Affirmative Action/Equal Opportunity Employer.

JUAG 12-127

*TEXAS, SAN MARCOS

The Department of Geography at Texas State University-San Marcos invites applications for **two tenure-track faculty positions at the Assistant or Associate Professor rank**, with expertise in **Environmental Geography**.

Appointment will be effective Fall 2013. PhD in Geography or closely related field is required by time of appointment. A demonstrated record of excellence in teaching and

research is required. For appointment at the Associate Professor level, an especially strong record of published scholarship is expected. Successful candidates will conduct research and teach courses in support of our environmental geography programs at the PhD, Master's and undergraduate levels. Preference will be given to candidates who can teach upper-level undergraduate courses in one or more of: water resources, environmental management, or sustainable urbanization. Graduate and other teaching responsibilities will be within the successful candidates' areas of expertise.

The Department of Geography has 34 full-time faculty members serving more than 600 undergraduate majors and over 150 graduate students in BA, BS, MS, Master of Applied Geography, and three PhD degree programs. The PhD programs focus on environmental geography, geographic education and geographic information science.

Applicants must electronically submit a letter of application, curriculum vitae, samples of selected published work, examples of course teaching evaluations (if available), and the names of three references by no later than October 19, 2012 to ps33@txstate.edu.

Texas State University-San Marcos will not discriminate against any person in employment 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, disability, veterans' status, or on the basis of sexual orientation. Equal employment opportunities shall include: personnel transactions of recruitment, employment, training, upgrading, promotion, demotion, termination, and salary. 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.

SEP 12-158

*VERMONT, MIDDLEBURY

The Geography Department seeks to fill one **three-year term position** beginning in the fall of 2013 in **Human Geography** at the **instructor (ABD) or Assistant Professor (Ph.D.)** level. We seek broadly trained candidates who complement the department's existing thematic and regional strengths. In particular, preference will be given to candidates with research

and teaching based in the "Global South" and ability to offer thematic courses in one or more of the following areas: medical geography, hazards, nature-society relations, or food systems. Teaching responsibilities include one regional course per year, thematic electives in the candidate's areas of expertise, and a senior seminar. The strongest candidates will be able to strengthen the department's existing ties with other departments and programs across campus (e.g. Environmental Studies, International Studies, and Global Health).

Middlebury College is a top-tier liberal arts college whose faculty are committed to excellence in teaching and research. An Equal Opportunity Employer, the College is committed to hiring a diverse faculty as we work to foster innovation in our curriculum and to provide a rich and varied educational experience to our increasingly diverse student body.

Applications for this position will be accepted starting on September 1, 2012. Review of applications will begin November 1, 2012 and continue until the position is filled. Middlebury College uses Interfolio to collect all faculty job applications electronically. Email and paper applications will not be accepted. Through Interfolio, please submit a letter of application addressed to Anne Knowles, Chair; curriculum vitae; and three letters of recommendation, at least two of which address teaching ability. More information at <http://apptkr.com/266540>.

SEP 12-153

*WISCONSIN, OSHKOSH

University of Wisconsin Oshkosh seeks tenure-track **Environmental Geographer Assistant Professor** to fill joint position in Geography (2/3) and Environmental Studies (1/3). Ph.D. in Geography or related discipline required. Teaching responsibilities include introductory physical geography and upper-division courses in environmental conservation, resource management and policy, and other courses in candidate's area of expertise that meet program needs.

Preference for research emphases that include nature-society relationships, with evidence of excellence in teaching and scholarship. Ability to utilize GIS/Remote Sensing or employ field-based activities in teaching and research desirable. Successful candidate will be expected to maintain active research record, pursue extramural funding, advise majors in both programs and participate in program building.

Apply: Send letter of application, CV, transcripts (photocopies acceptable), philosophy

of teaching statement, description of research agenda, evidence of teaching and research quality and three letters of recommendation to Dr. John Cross, Search Committee Chair, Department of Geography and Urban Planning, University of Wisconsin Oshkosh, Oshkosh, WI 54901-8642.

Application deadline October 12, 2012.

Women and minorities are encouraged to apply. Employment will require a criminal background check. The University of Wisconsin Oshkosh is an Affirmative Action equal Opportunity Employer.

SEP 12-150

INTERNATIONAL

*CANADA, VANCOUVER

The University of British Columbia's School of Community and Regional Planning invites applications for a tenure track **Assistant Professorship** with a start date of July 1, 2013. The successful applicant should have the ability to design and teach a core course on the ecological basis of planning and related graduate level courses relevant to the School's focus in Sustainability Planning and, specifically, in Ecological and Natural Resources Planning. (For further details, see: www.scarp.ubc.ca).

Apply: Applications must be submitted online at <http://www.hr.ubc.ca/careers-postings/faculty.php>. Review of applications will begin on October 1, 2012.

The University of British Columbia hires on the basis of merit and is committed to employment equity. All qualified persons are encouraged to apply; however, Canadians and permanent residents of Canada will be given priority. The position is subject to final budgetary approval.

SEP 12-148

*CANADA, MONTREAL

The Department of Geography, Planning and Environment at Concordia University, invites applications for a tenure-track position in **Environmental Justice**. The Department defines environmental justice quite broadly and encourages applications from those working on critical environmental studies in urban and/or rural settings. The research specialization may include gender perspectives, environmental law, environmental risk assessment, community organization in relation to environmental change, food security, urban health and well-being, demography, limits to growth, or

resource management. The successful applicant will be expected to play a major role in two recently developed and rapidly-growing graduate programs in Environmental Assessment. A PhD or ABD is required.

Applications must consist of a cover letter, a current curriculum vitae, copies of recent publications, a statement of teaching philosophy/interests, a statement of research achievements, and evidence of teaching effectiveness. Candidates must also arrange to have three letters of reference sent directly to: Dr. David Greene, Chair, Department of Geography, Planning and Environment, Concordia University, 1455 de Maisonneuve Blvd. W., Montreal, QC, H3G 1M8, Canada; green@alcor.concordia.ca; <http://gpe.concordia.ca/>.

Subject to budgetary approval, we anticipate filling this position, normally at the rank of Assistant Professor, for July 1, 2013. All applications should reach the department no later than November 1, 2012. All inquiries about the position should be directed to Dr. Greene (green@alcor.concordia.ca). For additional information, please visit our website at artsandscience.concordia.ca.

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

SEP 12-162

*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, 2013. 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 multi-disciplinary Environment themes elaborated in the McGill "Strategic Research Plan": <http://www.mcgill.ca/files/strategic/>. It is also consistent with the greater attention to "sustainability" that has been adopted by McGill.

Applicants must possess a Ph.D. or expect to graduate by summer 2013, 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 following address. The review of applications will begin October 15, 2012 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 0B9. Phone: 514 398-4112; Fax: 514 398-7437; E-mail: recruit.geog@mcgill.ca.

SEP 12-147

*ISRAEL, HAIFA

The Department of Geography and Environmental Studies at University of Haifa invites applications for a tenure-track position. A PhD in Geography (or equivalent) is required. We seek an outstanding scholar with a specialty in areas of **Human or Physical geography**. The position entails high quality research and involves teaching broad geography courses on the undergraduate level and more specialized

topics on the graduate level. The teaching language is Hebrew.

Apply: an email letter with a statement of research and teaching interests, current CV, names and email addresses of three professional references should be sent to Dr. Lea Wittenberg, leaw@geo.haifa.ac.il. Reviews of submitted applicants will commence September 30, 2012 and continue until the position is filled.

Information about the University of Haifa can be found at: <http://www.haifa.ac.il/>; and specific information about the Department of Geography and Environmental Studies at:

<http://geodep.haifa.ac.il/>.

Final appointment is at the discretion of the Rector of University of Haifa.

JUAG 12-138

*ISRAEL, HAIFA

The Department of Geography and Environmental Studies at University of Haifa invites applications for a tenure-track position. A PhD in Geography (or equivalent) is required. We seek an outstanding scholar with a specialty in **Remote Sensing and Geographical Information Sciences**. The position entails high quality research and involves teaching introductory courses in these areas on the undergraduate level and more specialized topics on the graduate level. The teaching language is Hebrew.

Apply: an email letter with a statement of research and teaching interests, current CV, names and email addresses of three professional references should be sent to Dr. Lea Wittenberg, leaw@geo.haifa.ac.il. Reviews of submitted applicants will commence September 30, 2012 and continue until the position is filled.

Information about the University of Haifa can be found at: <http://www.haifa.ac.il/>; and specific information about the Department of Geography and Environmental Studies at:

<http://geodep.haifa.ac.il/>.

Final appointment is at the discretion of the Rector of University of Haifa.

JUAG 12-139

*ISRAEL, JERUSALEM

The Department of Geography at the Hebrew University of Jerusalem, Israel invites applications for a tenure-track position in geography, starting July 1, 2013. Applicants must hold a Ph.D. degree at the time of hire; demonstrate an active research program, indicating the potential for outstanding scholarship. The person hired will teach introductory and advanced courses in Geography and in areas of their

specialization. He/she will also be expected to supervise students at the Masters and PhD level and to contribute to departmental and university service. Ability to teach in Hebrew is required (in exceptional cases, successful candidates will be expected to teach courses in Hebrew within a few years of their arrival). Appointment procedures will be conducted in accordance with the rules and regulations of the Hebrew University and are subject to the approval of the university authorities. The university is not obliged to appoint any of the candidates who apply for the position.

Send the following materials (each in a separate file) in English by November 1,

2012 to ensure full consideration: Curriculum Vitae (including e-mail address) and list of publications (please present books, articles in refereed journals, chapters in books, other publications, as separate items); Names, addresses and email addresses of three potential referees; Scientific biography outlining research and teaching inter-

ests and research plans for the forthcoming years; List of required and elective courses able to teach; A letter of application stating your willingness to take the position, starting July 2013; Copies of up to 4 recently published articles. All the above material should be submitted in both electronic and hard copy form.

Apply: Applications should be sent to: Professor Eran Feitelson, Chair of Search Committee, Department of Geography, The Hebrew University of Jerusalem, Mount Scopus, Jerusalem 91905, Israel.

For further inquiries please contact: Professor Eran Feitelson: msfeitel@mscc.huji.ac.il. SEP 12-164 ■

Annual Meeting Registration Now Open

Online registration for the 2013 AAG Annual Meeting, to be held April 9-13 in Los Angeles, is now open. All attendees and presenters are invited to register at www.aag.org/annualmeeting. Abstracts and paper sessions are now being accepted. Abstracts are due by the deadline of October 24, 2012.

AGU FALL MEETING

San Francisco | 3-7 December 2012

Housing and Registration Now Open for the World's Largest Geophysical Sciences Meeting!

Register for this Meeting to Attend Sessions On Emerging Themes in Geography such as:
Geodesy • Hydrology • Ocean Sciences • Paleoceanography • and more!

Attracting more than 20,000 Earth and space scientists, educators, and students, AGU's Fall Meeting provides a platform for attendees to present research, learn about the latest geophysical breakthroughs, and connect with their peers. Learn more about the meeting, view session topics, obtain pricing, and register. This meeting is a can't miss for geographers who want to expand their knowledge and network with other Earth scientists.

Deadline: 2 November, 11:59 p.m. EDT

fallmeeting.agu.org

Aviation Geography

Sessions exploring the diversity of current geographical research directly or indirectly related to aviation, including airports, are being organized for the 2013 AAG Annual Meeting in Los Angeles. Since 2005, aviation geography can be said to have undergone a "cultural turn," as the numbers of publications on the cultural dimension of aviation geography has soared. Mobility became a salient theme during this turn, as well as the active production and consumption of spaces, places, and landscapes associated with aviation. These sessions welcome empirical research related to themes such as these, plus historical, social, environmental, economic, and political studies on aviation-related topics. If interested, please send an abstract in an email entitled "Aviation Geography" to raminz@okstate.edu for consideration.

Spatial Thinking across the College Curriculum

A specialists' meeting on spatial thinking across the college curriculum will be held in Santa Barbara, California, December 10-11, 2012. Organizers anticipate hosting 30 scholars and academic leaders from a broad range of disciplines and from different

traditions in research and teaching to share perspectives on how spatial thinking can best be integrated into undergraduate education. Confirmed plenary speakers include: Peter Bol (Harvard), David DiBiase (ESRI), Roger Downs and Lynn Liben (Pennsylvania State), Sheryl Sorby (Ohio State), John Wilson (Southern California), and the organizers: Michael Goodchild, Mary Hegarty, and Donald Janelle (UCSB), Nora Newcombe and Thomas Shipley (Temple), and Diana Sinton (Redlands).

If you are interested in participating, please send a 2-page résumé and a 2-page position paper that presents your perspective on spatial thinking across the college curriculum to Mary Hegarty (hegarty@spatial.ucsb.edu) by Sept. 24, 2012. Participants will be selected by the organizing committee and notified by October 12. Funding is available to cover travel expenses for participants. Details about the meeting, including details on its format and objectives, are posted at <http://spatial.ucsb.edu/events/meeting.php>.

Geoweb, Big Data and Society

Organizers are seeking papers and sessions to be presented on the geoweb and big data at the 2013 AAG Annual

Meeting in Los Angeles (April 9-13). This call for "calls for papers" is an effort to organize geoweb and big data sessions along a common track, such that the timing of sessions at the AAG does not overlap and prevent full participation from interested parties.

The review and inclusion of papers into a session will remain the prerogative of the organizers of each call but all calls will be posted at <http://newmaps.as.uky.edu>. People who are interested in linking their "call for papers" to this project should contact Matthew Zook (zook@uky.edu). Individual papers on the geoweb (particularly those that don't mesh with existing calls) can also be submitted directly to Matthew Zook for possible inclusion in specially organized sessions.

Organizers are Matthew Zook (Kentucky), Taylor Shelton (Clark), Jim Thatcher (Clark), Mark Graham (Oxford), Monica Stephens (Humboldt State), Joe Eckert (Washington), Matthew W. Wilson (Kentucky), Ryan Burns (Washington), and Craig Dalton (Bloomsburg University).

Necrology

Thelma Glass

Civil rights pioneer and longtime geography professor Thelma Glass has died at the age of 96.

Glass was a professor of geography at Alabama State University, where she taught for over 40 years. She was the last surviving member of the Women's Political Council, which helped organize the Montgomery Bus Boycott in 1955-56, a key event in the civil rights movement.

Glass graduated with honors from Alabama State Teachers College in 1941. She later attended the Teachers College at Columbia University, where she earned an M.A. in 1947.

John Knight, executive vice president and chief operating officer at Alabama State University, was one of Glass's

students. "She had such a pleasing personality, you felt welcome. You felt a sense of warmth. And she always challenged you academically to be the very best," Knight was quoted as saying.¹

Glass was the focus of a chapter written by Jan Monk and Sunita George with Juanita George, "Teachers and Their Times: Thelma Glass and Juanita Gaston," published in *The South's Role in the Making of American Geography: Centennial of the AAG, 2004*, edited by J.O. Wheeler and Stanley Brunn.

Glass's main interests in geography included local and regional research in economic, cultural, and physical geography; excellence in education to prepare students for careers in teaching, government, and industry; and the introduction of geography into senior high schools in

Alabama. She was well known on campus as a teacher-activist willing to put the values she espoused into action. Glass was deeply committed to the development and future success of her students and sought to introduce them to a broad-based education through the contextualization provided by geography education.

In 2011, Glass received ASU's Black and Gold Standard Award, a non-annual award that is given to the school's most notable alumni. She received many teaching awards throughout her career. An auditorium is named for Glass on the Alabama State University campus.

¹Johnson, Scott. "Civil Rights Pioneer Glass Dies." *Montgomery Advertiser*, July 25, 2012. www.montgomeryadvertiser.com. Accessed August 1, 2012.

Annals

of the Association of American Geographers

SPECIAL ISSUE: Geographies of Health

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Volume 102

September 2012

Number 5

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AAG Annual Meeting Call for Papers Now Available

See pages 20-21 or visit www.aag.org/annualmeeting.

AAG2013

LOS ANGELES



SAVE THE DATE: APRIL 9-13, 2013



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JOIN US. The Association of American Geographers cordially invites you to join us in Los Angeles, April 9-13, 2013, for the latest in research and applications in geography, sustainability, and GIScience.

SESSIONS & WORKSHOPS. The conference will feature over 5,000 presentations, posters, workshops, and field trips by leading scholars, experts, and researchers. Sessions will be organized around featured themes and relevant topics, such as:

Political Geography, Natural Hazards, Cartography, Geography Education, Climate Change, Human Geography, GIScience & Technologies, Physical Geography, Planning & International Development, Social Justice, And more!

CALL FOR PAPERS. The AAG welcomes presentations from scholars, professionals, and students on these and related topics. Look for the Call for Papers on pages 20-21 or at www.aag.org/annualmeeting.

*We look forward to
seeing you in Los Angeles!*

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2012

SEPTEMBER

10-11. 2nd International Conference on Geographies of Education. Loughborough, UK. www.lboro.ac.uk/departments/gy/goe.

16-18. AutoCarto 2012. Columbus, OH. www.cartogis.org.

18-21. **GIScience 2012**. Columbus, OH. www.giscience.org.

21-23. 43rd Annual Binghamton Geomorphology Symposium. Jackson, WY. www.southalabama.edu/geography/sawyer/2012_BGS.html.

OCTOBER

3-6. **Pacific Coast AAG Division Meeting**. Olympia, WA. www.csus.edu/apcg.

4-7. National Conference on Geographic Education (NCGE). San Marcos, Texas. www.ncge.org.

10-13. Applied Geography Conference. Minneapolis, MN. <http://applied.geog.kent.edu/appliedgeog>.

11-13. **Great Plains/Rocky Mountains AAG Division Meeting**. Provo, UT. <http://fast.ucdenver.edu/rmgaag>.

13-20. DISCCRS VII, Interdisciplinary Climate Change Research Symposium. Colorado Springs, CO. <http://discrs.org>.

17-19. North American Cartographic Information Society (NACIS) Meeting. Portland, Oregon. www.nacis.org/2012.

19-20. **NESTVAL AAG Division Meeting**. Farmington, ME. <http://nestvalonline.org>.

24-26. Race, Ethnicity and Place Conference. San Juan, PR. <http://rep-conference.binghamton.edu>.

25-27. **East Lakes AAG Division Meeting (jointly with West Lakes)**. DeKalb, IL. www.niu.edu/geog.

25-27. **Southwest AAG Division Meeting**. Las Cruces, NM. www2.geog.okstate.edu/swaag.

NOVEMBER

2-3. **Middle Atlantic AAG Division Meeting**. Salisbury, MD. <http://sites.google.com/site/aagmad>.

2-3. **Middle States AAG Division Meeting**. Shippensburg, PA. <http://departments.bloomu.edu/geo/msd>.

12-15. Annual Water Resources Conference. Jacksonville, Florida. www.awra.org.

15-18. American Studies Association Annual Meeting. San Juan, Puerto Rico. www.theasa.net/annual_meeting.

18-20. **SEDAAG Division Meeting**. Asheville, NC. www.sedaag.org.

27-30. Southeast Asian Geography Association 11th Biennial Conference. Singapore. www.seaga.info/seaga2012.

DECEMBER

10-11. Spatial Thinking Across the College Curriculum. Santa Barbara, CA. <http://spatial.ucsb.edu/events/meeting.php>.

13-14. Spatial and Social Transformation in Urban China. Hong Kong. www.hkbu.edu.hk/curs/2012conference.

2013

APRIL

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

2014

APRIL

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

2015

APRIL

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

Nystrom Award Nominations

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 must be presented at the 2013 AAG Annual Meeting in Los Angeles. Eligibility for this competition is restricted to current AAG members who have received the PhD degree since April 1, 2009 and who have been members of the AAG for 2010, 2011, and 2012. From the Nystrom competition papers presented at the 2013 Annual Meeting, the Review Committee will recommend from one to two cash awards. The total annual prize awarded is approximately \$1,000.

John Warren Nystrom received his PhD in Geography from Clark University in 1942. An exceptional educator who taught at Rhode Island College, the University of Pittsburgh, George Washington University, and Florida Atlantic University, Nystrom also had a long and productive career in international relations as a senior official in the Foreign Policy Department at the U.S. Chamber of Commerce, as a partner in the international relations consulting firm of Allen, Murden and Nystrom, and as a Senior Fellow at the Brookings Institution.

Nominations must be received on or before **September 22, 2012**.
Detailed nominating procedures are available at www.aag.org/grantsawards.

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Call for AAG Field Trip Proposals

The AAG is seeking field trip proposals for the upcoming AAG Annual Meeting, to be held April 9-13, 2013, in Los Angeles. Participating in field trips is an excellent way to meet and interact with colleagues with similar interests.

Los Angeles and Southern California offer many interesting opportunities for field trips across a diverse range of geographic specialties and sub-fields. The wide scope of accessible interests includes wildlife, wineries, coastal processes, sustainable cities, demography, tourism, arid lands, borders, and postmodern urbanism. Although not known as a walking city, Los Angeles has become more pedestrian friendly over the past decade – just one of the many ways the city has changed dramatically since the last time it hosted an AAG Annual Meeting.

Field trip locations are likely to include Catalina Island, the Department of Power and Water, Griffith Observatory, Anza-Borrego State Park, local wineries, and Venice Beach – these are merely a handful of numerous possibilities.



CREDIT: WIKIPEDIA COMMONS

Venice Beach has been home to many poets, artists, actors, and musicians, and remains an important gathering place.

If you are interested in organizing a field trip for the 2013 AAG Annual Meeting, visit www.aag.org/annualmeeting for the appropriate submission forms or contact conference director Oscar Larson at olarson@aag.org for more information. The AAG assists organizers with arranging field trip logistics. Field trip proposals should be submitted by **November 1, 2012.**

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 the 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.

See www.aag.org/annualmeeting for additional information about the 2013 AAG Annual Meeting. Deadline for the submission of abstracts is October 24, 2012. Online conference registration is now open. Special hotel rates are available to registered conference attendees.