AAG Newsletter

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Symposium on New Geographies of Urban China

special symposium focusing on new geographies of urban China will be held as a part of the AAG Annual Meeting in Los Angeles, to take place April 9-13, 2013.

Relational understanding of space and the "new mobilities paradigm" that emerged in the past decade or so have helped generate much new insight on many phenomena of interest to geographers. Informed by the mobilities/relational turn, organizers of this symposium suggest that a fruitful direction for future research on urban China is one that is attentive to mobility, movement, flow, travel, and other relational transactions in space-time that shape or transform the

urban fabric of China, while remaining cognizant of the particularities of China's social, political, cultural, economic, and institutional context. As the complex interactions among individual urban actors/agents have considerable potential to bring forth drastic or unexpected emergent shifts, new conceptualizations and analytical methods capable of addressing these changes in fine spatial and temporal scales are needed.

Call for Participation

Organizers of this symposium seek contributions that advance new conceptual and ana-

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L.A. as Paradox

AAG Annual Meeting, April 9-13, 2013

os Angeles is often described as a kaleidoscopic city, a patchwork of highways and lifeways that intersect – as Harvey Molotch observed – on a rather shallow sociological plane (1996). For Molotch, the winking ironic detachment

of the "smiley face" button perfectly captured the community spirit of postmodern *La-La Land*.

Numerous observers have echoed Molotch's point. Los Angeles, they say, lacks a core ingredient that other great cities have — a definable personality or spirit that stamps the city as unique, a "narrative" (as some would put it) to which the local population collectively assents and which offers them a

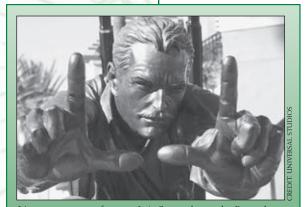
measure of solidarity. Even the landmark thumbs-up that Reyner Banham gave L.A. in 1971 mapped the city into multiple "ecologies" – a scheme more evocative of a botanical garden or a zoo than anybody's hometown.

Can it really be true that there is no "there there" in the nation's second largest metropolis and the site of the 2013 AAG Annual Meeting?

Is There Really a Here Here?

While not claiming that *a* Los Angeles exists, I suggest that, in contrast to the perspective outlined above, a consistent underlying theme can be discerned in a vast array of depictions of the city across manifold media genres, including television shows, advertising campaigns, novels and short fiction, scholarly writing and newspaper commentary. Because such media broadcast the perspectives of relatively empowered strata of society, no theme, however consistent within them, can be assumed to resonate universally. Nonetheless,

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It's not easy to put a finger on L.A. See article at right. Pictured is the famous "Director" statue at the entrance to Universal Studios.

AAG Abstract Submission Deadline is October 24.

Register today at www.aag.org/annualmeeting and submit your abstract.

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of the Association of American Geographers

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Featured Themes at the 2013 AAG Annual Meeting

ach year, the AAG identifies a handful of themes to feature at its Annual Meeting. These themes are never intended as the exclusive focus of the conference, but they do help to lend structure and coherence to the more than 4,000 presentations that occur across several action-packed days. Thematic sessions are grouped together sequentially in one location, allowing attendees to avoid too much legwork in getting from one session to another and helping to create collegial spaces where like-minded colleagues can meet and interact. Sessions in each track are listed in the conference program and online for easy reference.

The AAG's Executive Director and President generally develop these themes in conversation with the AAG Council, the meeting's Local Arrangements Committee, and the membership at large over the course of many months. While featured themes often reflect intellectual trends within the discipline, they are also suggested by the location of the meeting itself and by developments taking place in society at large.

Of course, the AAG welcomes the broadest possible range of topics at its Annual Meeting, and we encourage participants to develop paper and panel sessions, field trips and workshops around their own areas of interest to help build the most diverse, vibrant and dynamic conference possible.

Below, we describe some of the themes to be featured at the upcoming 2013 AAG Annual Meeting, to be held April 9-13 in Los Angeles. To register for the Annual Meeting and for more information visit www.aag.org/annualmeeting. Abstracts are due by October 24, 2012.

Emerging Asias

This theme acknowledges the location of the Annual Meeting and focuses on the increasing interconnections between the U.S. Pacific coast and Asia. Eric Sheppard's 2013 presidential plenary session will take up the question of "Emerging Asias" – a title

that references three aspects of Asia today: Its rapid (re)emergence as a center of the global economy; its enormous diversity as a region; and, within the heterogeneous subregions of Asia, the expanding differences in the livelihood possibilities of those who have come to live prosperously and those who live precariously. The AAG presidential plenary will anchor this thematic track and is meant to serve as a provocation to U.S. geographers: To be paying more attention to Asia, and to its distinctive perspectives and voices. As a featured theme, of course, "Emerging Asias" should not be restricted to human geographic processes – research examining Asian biophysical and nature-society processes also is encouraged.

Beyond the Los Angeles School: Global Urbanization

In the 1990s, Los Angeles was advanced as the home for a new school of urban geography, billed as replacing the Chicago School. The L.A. School took up the important, unfinished task of expanding how we think about cities. In the 21st Century, the center of gravity of urbanization has relocated decidedly into the global South. Asia and Africa, in particular, are experiencing unprecedented rates of urban change, shaped by, and shaping, global processes and policy agendas. How can we understand these changes? Are postcolonial cities simply following the trajectory of U.S. and European cities, or are distinctive urban forms emerging, requiring distinctive theorizations or interventions "from the south"? What are the implications for "northern" cities? These questions are becoming widely debated; L.A. is an excellent forum to engage further with them.

Climate Change, Variability, Adaptation and Justice

This track of sessions will examine the latest research on global climate change and variability, including geographies of

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Is Los Angeles a Cash Cow?

ctober 24 is the (current) deadline for submitting a paper or session to the 2013 AAG national meeting in Los Angeles, for which regular members pay a registration fee of \$295. Many of the AAG members I talk to find this expensive, assuming that the AAG central Office regards the annual meeting as a cash cow through which to subsidize its other activities. Indeed, I long held this belief. Is it the case?

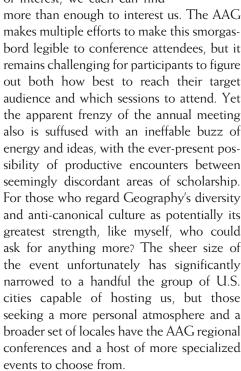
In August 2011, I attended the five-day International Conference of Critical Geography (ICCG) in Frankfurt (appropriately held on the former premises of the Frankfurt School), paying a registration fee of €80 (\$350) that included buffet lunches and dinners. This also seemed steep (the International Geographical Union conference in Cologne this August cost about the same). Yet practically every session on the program was of interest to me, and part of my registration fee was reallocated to defray costs for attendees with low incomes—a good cause.

As we all know, the annual AAG conference is rather unique by comparison to those held by most mainstream academic associations, because of our commitment to inclusivity: Anyone organized enough to write an abstract or pull together a session, and with the resources to attend, can participate. I am a passionate proponent of this notwithstanding its "old boy" origins. (My Ph.D. advisor Leslie Curry told me that he instigated this policy in the late 1970s, after vociferously complaining to a program committee that had rejected his typically abstruse abstract.) Our somewhat anarchist approach catalyzes an ever-widening range of participants: not only geographers of every stripe from all kinds of places, but also interdisciplinary groups seeking an open forum to experiment with new conversations. I am repeatedly surprised at the people who not only

have become aware of our conference, but now regularly attend.

The conference also feels somewhat anarchic, of course. Notwithstanding the AAG's wise decision to limit the number of times any individual can appear in the

program, there are more sessions than anyone can reasonably even scan (over 6,000 papers or panel presentations last year, organized into 75+ concurrent sessions across five days), covering practically every conceivable (quasi) geographic topic, and of the widest possible quality. While most of what happens falls outside any individual's field of interest, we each can find



Yet is it worth the \$295, plus transportation, accommodation and food? Several factors push conference costs up, for the AAG Central Office and AAG members: Our laudable policy of favoring union hotels; our equally laudable, recently strengthened policy (like the ICCG) of reducing fees for underemployed and low income registrants—by almost half; the cost of equipping every room with audiovisual equipment; insurance taken

> out to protect against events triggering large-scale last minute cancellations (e.g. weather); and our geographical restriction to the largest, most expensive, cities. But it's cheaper than any Anglophone national geography conference I am aware of, except the Canadian Association of Geographers. On a per day basis, it costs on average about 25% less than



Sheppard

others, and on a per session basis it is much cheaper. The fee has increased just once in the past five years, unlike many cognate conferences, and there are no hidden fees that others sometimes charge (e.g. for abstract submission or audiovisual equipment rental).

Does the AAG make money from its national meeting? Not directly. I applaud AAG Central's ability to run such a huge, diverse and tumultuous event so smoothly every year. Its dedicated staff do so very efficiently, with closely monitored cost control, yet direct and indirect costs of the considerable staff time and effort, over six months, amount to about 60% of registration fees. For 2013, AAG Central projects net revenues of just one half of one percent of the fees collected-or about \$1.80 of your \$295. Of course, the vitality and global footprint of the conference does benefit our organization indirectly—just as it benefits each member.

Let me know what you think.

Eric Sheppard esheppard@geog.ucla.edu

Abstracts for the Annual Meeting are due by October 24. www.aag.org/annualmeeting.

Call for Participation: Geography Careers Events at the AAG Annual Meeting

No he AAG is sponsoring a special set of sessions and related events on careers and professional development for geographers at its upcoming Annual Meeting in Los Angeles, to be held April 9-13, 2013.

Panel Sessions

We seek organizers and panelists for sessions on careers-related topics. Sample topics include: Employment opportunities in academia; Employment opportunities in the business, government, and nonprofit sectors. The role of community colleges in career preparation for geographers; Internships and work-based learning as career preparation; Integrating career preparation into geography programs and curricula; and Working internationally (North American scholars working abroad as well as international scholars working in North America). We welcome and encourage your ideas and additional topics.

Career Mentors

Career mentoring sessions provide an open forum where students and professionals seeking new career opportunities can get advice, feedback, and information. We seek volunteers representing the private, public, non-profit, and academic sectors to provide informal consultation and advice during your choice of designated times during the conference. Sharing your expertise and experience is an extremely valuable service to provide to your fellow AAG members.

Workshops

The AAG is organizing workshops on professional networking and on navigating today's job markets. We seek leaders and facilitators of these workshops. We also welcome proposals for additional workshop topics related to careers and professional development.

Get Involved!

For each of these activities, we seek individuals representing a diverse range of employment sectors, organizations, professional backgrounds, and racial/ethnic/gender perspectives to discuss key trends and issues affecting geographers' career opportunities and professional development.

To be considered as a potential participant, please email careers@aag.org no later than October 15, 2012. Please specify your topic(s) and activity(s) of interest and attach a copy of your current c.v. or resume to your message.

For additional information about careersrelated activities for the 2013 Annual Meeting. contact careers@aag.org or watch for updates and announcements at www.aag.org/careers.

More information on the 2013 AAG Annual Meeting is available at www.aag. org/annualmeeting. The deadline for abstracts is October 24, 2012.

Featured Themes continued from page 2 -

projected climate change impacts, mitigation and/or local adaptation strategies, and societal and human rights implications. The U.S. government's recent Strategic Plan for U.S. Global Change Research for the next decade will also be discussed in terms of its potential opportunities for geographic research related to global and climate change. Sessions will also address activities and outcomes of the United Nations Conference of Sustainable Development (Rio+20).

Geography, GIScience, and **Health: Spatial Frontiers of** Health Research and Practice

Building on several recent AAG initiatives together with the National Institutes of Health in this research area, this theme will explore new research frontiers in health and social environments, and also address progress generated by the AAG Initiative for an NIH-wide Geospatial Infrastructure for Health Research. These AAG initiatives have generated an

increased awareness by health researchers as well as geographers of the core role that geography and GIScience can play in addressing global health needs, both in research and in practice. Sessions will include leading medical and health researchers, and we encourage geographers active in these areas of research to present their work.

Activist Geographies: Struggles for Social and Environmental **Iustice**

Los Angeles has become known nationwide as a place where diverse social and activist groups and movements have undertaken innovative struggles around such issues as conditions of work, immigration, borders, transportation, prisons and environmental justice. Geographers at places such as the University of Southern California, the University of California, Los Angeles, and California State campuses, have worked closely on, and with, such movements. These times of burgeoning activism in cities worldwide, from the Arab awakening to the occupy movements, and of academic interest in activist research in and beyond geography, make Los Angeles a particularly appropriate place for a focus on activist geographies. Activist geographers, wherever they work, are encouraged to organize sessions to share research and learn from one another.

Borders

Southern California is an excellent venue for advancing scholarship on political borders and their implications for the places they separate and the connectivities between them: migration, language and culture, water, sovereignty, economies, etc. The U.S.-Mexico border provides a compelling regional focus for this theme, and research and theoretical work related to borders elsewhere is also welcome. Field trips to border areas will also enrich these sessions.

For details, see the From the Meridian column in the June 2012 AAG Newsletter.

NSF Updates Report on Women, Minorities, and Persons with Disabilities

he National Science Foundation (NSF) has updated data that it periodically compiles on gender and diversity in American science and engineering programs. The current report, Women, Minorities, and Persons with Disabilities in Science and Engineering: 2011, documents gender, race/ethnicity, disability status, and citizenship organized by enrollment, field of degree, employment status, occupation, and academic employment. The data are also published in a web-based format which include figures and tables. The report's website (www.nsf.gov/statistics/wmpd) provides links to additional data sources, statistical reports, and updates as new data become available. The most current data posted are from 2009. The report was released under the auspices of NSF's new National Center for Science and Engineering Statistics (NCSES). The former Division of Science Resource Statistics was renamed when the America COM-PETES Reauthorization was enacted in 2010.

Although geography is present in the report, many of the data tables either omit geography or report it in aggregate with other social sciences. In addition, data from physical sciences and from earth, atmo-

spheric, and ocean sciences are aggregated in separate categories. The report does not provide data on associate, bachelors, masters, and doctorate degrees conferred in geography, nor does it include information on the number of persons with disabilities enrolled in graduate geography programs. Yet geography is reported separately in tables describing overall graduate student enrollment and postdoctoral status.

While geography unfortunately continues to be omitted from certain tables in the Women, Minorities, and Persons with Disabilities in Science and Engineering, comparable data for geography is available using NSF's WebCASPAR system (http://webcaspar.nsf.gov). WebCASPAR enables users to access a wide variety of statistical reports and create customized tables drawing on NSF and NCES (National Center for Education Statistics) databases.

Gender and Diversity in Graduate Geography

A comparison of the newly released 2009 with earlier 2004 data reveals virtually no change in the percentage of

 $\label{thm:condition} \textbf{Table 1. Graduate student enrollment in science and engineering (S\&E) and geography (GEOG) programs, 2004 and 2009.}$

Category	2004 S&E (% total)	2004 GEOG (% total)	2009 S&E (% total)	2009 GEOG (% total)		
Male	274,008 (58%)	2,801 (58%)	307,936 (57%)	2,739 (57%)		
Female	201,865 (42%)	2,008 (42%)	237,749 (43%)	2,071 (43%)		
The following categories are for males and females combined						
White	224,850 (47%)	3,314 (69%)	250,443 (46%)	3,192 (66%)		
Asian/Pacific Islander	30,645 (6%)	144 (3%)	32,879 (6%)	145 (3%)		
Black	24,624 (5%)	150 (3%)	29,973 (5%)	106 (2%)		
Hispanic	22,212 (5%)	143 (3%)	27,265 (5%)	155 (3%)		
American Indian/Native Alaskan	1,848 (0.4%)	24 (0.5%)	2,549 (0.5%)	25 (0.5%)		
Other/ Unknown	27,843 (6%)	244 (5%)	39,233 (7%)	390 (8%)		
Temporary resident	143,851 (30%)	790 (16%)	163,343 (30%)	797 (17%)		
Total	475,873	4,809	545,685	4,810		

Sources:

National Science Foundation, National Center for Science and Engineering Statistics, Women, Minorities, and Persons with Disabilities in Science and Engineering: 2011, Available from www.nsf.gov/statistics/wmpd.

National Science Foundation, Division of Science Resources Statistics, Women, Minorities, and Persons with Disabilities in Science and Engineering: 2009, NSF 09-305, (Arlington, VA, January 2009). Available from www.nsf.gov/statistics/women.

women who are pursuing graduate degrees in science and engineering during the 5-year period. The numbers for geography graduate degrees mirror this (Table 1). Women constituted 43 percent of all S&E graduate students in 2009, an increase of one percent from 2004. In geography, women also accounted for 43 percent of graduate students in 2009, a similar increase over 2004 enrollments.

The enrollment of minorities in S&E graduate programs remained relatively static between 2004 and 2009. A similar pattern holds for geography, except that white enrollment decreased by 3% between 2004 and 2009. This shift was offset by an enrollment increase of 3% in the "other/unknown" category which includes "non-Hispanic/Latino of more than one race and/or ethnicity/race unknown or not stated." When compared to all S&E programs, white enrollment of geography graduate students is 20 percent higher, 66 percent compared with 46 percent. However, when comparing enrollment of individual minority groups, the difference between all S&E programs and geography range from 1 percent to 3 percent only. After white enrollment, the largest difference is in the temporary resident category (excluding U.S. citizens and permanent residents). In 2009, the percentage enrollment of temporary residents in all S&E programs was 30 percent compared with 17 percent for geography.

It is important to note that federal data on graduate enrollment in geography is likely to be somewhat lower than actual numbers, given that these surveys tend to classify geography as a social science and therefore may undercount students enrolled in physical science programs. Furthermore, graduate students in geography are often enrolled in multidisciplinary programs. Nevertheless, data from Women, Minorities, and Persons with Disabilities in Science and Engineering, combined with insights from AAG's membership data and depart-

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L.A. as Paradox continued from page 1 -

that a single theme does flow widely through diverse media suggests reasonably widespread acceptance of its content. What is this theme?

It is the theme of paradox. In account after account appearing in diverse media, Los Angeles is presented as a place where opposing social forms mix and meld. Lacking the space

(not to mention the sadistic instinct) to elaborate a theory to explain why this might be so, I will simply use my space to marshal evidence to demonstrate that it is. To that end I summarize a range of familiar discourses about the city that each illustrate the same underlying paradoxicality.

Urban Sprawl

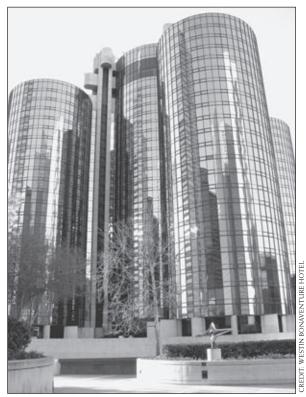
It is an urban geography truism to say that Los Angeles sprawls. The term suggests an amorphous sea of houses strewn across the landscape, the formless consequence of political shortsightedness and real estate industry greed. Sprawl is low-density urbanism, or (as is increasingly the case) high-density suburbanism - in either case a melding of opposing settlement forms, suburb and city. But does Los Angeles really sprawl? Urbanists point to Manhattanlike population densities in Hollywood and other districts to argue that it does not. Historian Greg Hise (1997) has meanwhile painstakingly researched the rational planning decisions that produced the region's decentralized layout. Hence Los Angeles is neither as

carelessly laid out nor everywhere as thinly-populated as the word "sprawl" implies. Nevertheless, innumerable observers define the city as the grandfather of the sprawling sunbelt. They see it as a place that melds two opposing urban morphologies, those of suburb and city, into a shapeless urban matrix.

Dream House Turned Nightmare

The "dream house", with its white picket fence and two-car garage, is a cherished icon of American domestic culture. Los Angeles might thus seem a good candidate for All-American City. It grew so rapidly through real estate speculation that today more Angelinos live in detached houses than their counterparts in most other big cities. Yet the houses for which Los Angeles is most famous deviate

in conspicuous ways from the dream house model. In typical accounts of the city, houses proliferate like mutant weeds into the "sprawl" addressed above. Meanwhile, white picket fences transform into the checkpoints and security guards of gated communities, or the exclusionary fees of homeowners' associations



The Westin Bonaventure Hotel, headquarters of the 2013 AAG Annual Meeting, has been described by Ed Soja as paradoxical: "...fragmented and fragmenting, homogeneous and homogenizing, divertingly packaged yet curiously incomprehensible..."

that so often harass their members with excessive restrictions. The modesty of the dream house is exploded by gargantuan Beverly Hills mansions, which daily astound busloads of gawking tourists. Its disciplined architecture becomes the turreted castle, Moorish villa and barn-like bungalow that Nathanael West parodied so devastatingly in his novel *The Day of the Locust* (1939). In their deployment across the landscape and in their owners' obsessions with security, gigantism and fantasy, Los Angeles' signature houses infect an American dream with the stuff of nightmares.

Public Space for Private Society

Many commentators argue that Los Angeles lacks democratic public space. Instead they see private, militarized space posing as public space. As such it is a medium

for repression and hegemony rather than democratic citizenship. Invariably, during my lectures on public space, a student will argue, most earnestly, that shopping malls are indeed virtuous public spaces since they screen out the offensive elements of society (i.e. the homeless) and bring together all that

one could possibly want in urban space (i.e. Banana Republic *and* the Gap *and* the Multiplex). When this happens I offer a silent apology on behalf of my entire society to the ghost of Antonio Gramsci.

Sunshine or Smogtown?

Once synonymous with a salubrious Mediterranean climate, rapid industrialization and population growth during and after World War II made Los Angeles the smog capital of the nation. By the 1970s, poor air quality along with the reliance on imported water, the mazelike freeway system and the Sahara-like scale of the humanized landscape had turned Los Angeles into a symbol of artifice and the obliteration of nature. Meanwhile, the sunshine that had drawn legions of health seekers to the city in the nineteenth century proved carcinomatous in heavy doses. Nathanael West's original title for The Day of the Locust was, interestingly enough, The Cheated.

City or Movie Lot?

"Real" urban settings are replaced by themed ones in postmodern, hyperreal Los Angeles. Artifice oozes like epistemological ectoplasm from Disney's "lands" to suffuse shopping malls, airports, billboardencased roadways and the entire city with an aura of fantasy. It penetrates even the county coroner's office. Here the gift shop, "Skeletons in the Closet", thematizes death itself by selling a variety of souvenirs ("earthly remains") with a chalk-body-outline logo. Themed reality is simplified reality, its complexities and ambiguities (and sometimes internal organs) removed. Los Angeles becomes a zombie city, not an organic, living urban environment but moving and functioning nonetheless.

Police or Criminal?

From the beating of Rodney King to Chief Daryl Gates' controversial handling of the ensuing riots to Mark Furhman's caught-on-tape

Continued on page 7

racist swaggering to the Rampart Division's reign of intimidation, dope thievery and murder, the Los Angeles Police Department loses its 1950s-era aura of crack professionalism with wave upon wave of too-awful-to-believe scandals. Yet the LAPD's "Dragnet" reputation has not been entirely forgotten. It remains embodied in the upright architecture of the City Hall building, in television reruns of the TV show itself and in mayoral calls for hiring more officers in the never-ending wars on gangs, drugs and crime. The thin blue line delineates a half-sainted, half-vilified twilight zone in Los Angeles.

Downtown as Terra Incognita

Well, not "terra incognita," but downtown Los Angeles is hardly a dominant regional center. Although the completion of the Staples Center sports arena in 1999 fueled surrounding gentrification, poet Peter Scheldahl's (1991) reference to L.A.'s "so-called downtown" still rings true. When I take my university students from the San Fernando Valley on

field trips downtown, there inevitably arises a grateful, voluble chatter of wonder and discovery among them. It is, for them as for many others, an explorer's paradise in deepest Amazonia.

In summary, it would seem that Los Angeles is the kind of place that causes one's eyes to cross. It comprises a range of phenomena that collapse and merge with almost supernatural indifference to the laws of society, culture and space. Dream house fuses with nightmare house, public with hegemonic space, police with criminals and



The Bates Mansion from the infamous Alfred Hitchcock film Psycho (1960) stands (on Universal's back lot) as a reflection of some of L.A.'s intersecting paradoxes – dream or nightmare, city or stage set, home or terra incodnita.

so on. While consistent as a theme, paradoxicality is no doubt highly problematic as a core ingredient of urban identity, an image or theme around which community solidarity might develop. I have described it here merely to suggest that such a substantive core may, in contrast to others' views, exist after all.

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Ron Davidson is associate professor of geography at California State University, Northridge. He has published articles on public space and urban life in Los Angeles.

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Symposium on Urban China continued from page 1 -

lytical perspectives about Chinese cities. Welcomed are papers attentive to how the everyday lives of individuals unfold in space-time and how this shapes and in turn is influenced by China's urban transformations. Papers may address any issues pertinent to contemporary Chinese cities. Topics may include but are not limited to: social difference and the city; social and spatial inequalities; poverty and the quality of life; sociospatial segregation and isolation; residential mobility, migration, and local labor markets; daily mobility and activity-travel patterns; accessibility and

urban travel; emergent patterns of urban transformations; urban spatial restructuring; social and environmental sustainability; health and subjective wellbeing; land and housing development; and planning and governance of urban infrastructure.

Abstracts

Those interested in participating should send a short abstract of no more than 250 words to symposium organizers Mei-Po Kwan (mpk654@gmail.com), Yanwei Chai (chyw@pku.edu.cn), and Donggen Wang (dgwang@hkbu.edu.hk) by October 12, 2012.

Symposium participants must register for the Annual Meeting and must submit an abstract through the Annual Meeting online system by the deadline of October 24, 2012. Guidelines for preparing abstracts are available at www.aag.org/annualmeeting and on pages 16-17 of this issue. Please use these guidelines when preparing your abstract for review by the symposium organizers.

Please contact the symposium organizers if you have questions. For more information about the 2013 AAG Annual Meeting, visit www.aag.org/annualmeeting.

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Designed for geographers, AAG SmartBrief is a FREE, weekly e-mail update that keeps you uupdated 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 7,800 AAG members have already registered for this free service.

To begin receiving your weekly AAG SmartBrief, sign-up at www.aag.org/smartbrief today.

2012 Election in Geographic Perspective

n November 6, 2012, more than 100 million Americans will cast ballots in the U.S. Presidential election between the Democratic nominee, President Barack Obama, and his Republican challenger, Mitt Romney. All signs point to a closely contested election. How can a geographic perspective inform predictions and eventual analyses?

In order to address these questions, it is valuable to look at the election from the point of view of recent history. The Democrats won three of the last five Presidential elections, with Bill Clinton winning in 1992 and 1996 and Obama winning in 2008. Republican George W. Bush won very narrowly over Al Gore in the disputed election of 2000 and was re-elected over John Kerry in 2004. In 2008, Obama won a decisive victory over his Republican opponent, John McCain. Obama defeated McCain by a nationwide margin of about nine million popular votes, and he was elected President by the Electoral College by a margin of 365-173.

Obama won by a comfortable margin in 2008 by capturing the electoral votes of several states that had gone Republican in 2000 and 2004: Colorado, Florida, Indiana, Nevada, North Carolina, Ohio, and Virginia. Assuming that the other states maintain their loyalties to the Democratic or Republican Parties, this means that the Republicans must recapture many of the states that were won by Bush in 2000 and 2004 but won by Obama in 2008.

Demographic changes will work to the benefit of the Republicans. Every ten years, the U.S. Census of Population is conducted for the purpose of reapportioning seats in the House of Representatives on the basis of population. After the 2010 census, 24 seats changed hands, moving from slow-growing to rapidly-growing states. Because of popu-

lation shifts from "blue" Democratic states to "red" Republican states, a net total of 10 seats shifted from Democratic to Republican states. Thus, if the election of 2008 had been held under the 2010 apportionment, Obama's margin would have been trimmed to 355-183. Still, in order to recapture the White House the Republicans need to pick up 87 electoral votes from the Democrats in order to achieve the 270 electoral votes needed to secure the Presidency.

How can the Republicans achieve this goal? Conversely, how can the Democrats protect enough electoral votes to retain the White House? Both parties have adopted two strategies. First, both parties have targeted undecided voters in the closely contested states. A large majority of voters have made up their minds as to whether to vote for Obama or Romney. However, some voters, known as swing voters, have not yet decided for whom to vote. Majorities of these swing voters broke for Clinton in 1992 and 1996, for Bush in 2000 and 2004, and for Obama in 2008. Thus the task for the Republicans is to persuade enough of these swing voters to side with Romney in order to capture the electoral votes of these key states.

Another important goal for each party is to turn out its base of voters. Public opinion polls confirm that the electorate is sharply polarized, with a large majority of voters having very strong feelings about the two parties and their nominees. The 2012 election may prove to be a "base" election, with the outcome determined by which party is better able to get its strong supporters to the polls on Election Day. If history is any indication, the South may be the most important region in deciding the outcome of the 2012 Presidential Election. Since 1972, only three Democrats—Jimmy Carter, Clinton, and Obama—have won

a substantial number of Southern states. Not coincidentally, these three men were the only Democrats to win Presidential elections over the past 44 years. In fact, not since 1924 has a President been elected without capturing the electoral votes of at least several Southern states. Retaining Florida, North Carolina, and Virginia will be an important Democratic objective.

The geography of the Electoral College, in which large and closely contested states are most likely to determine the outcome of the election, influences the geography of campaigning. The two major candidates will concentrate their public appearances in the swing states, as well as states such as Michigan and Wisconsin which are recognized as evenly divided according to public opinion polls. Advertising revenues will also be concentrated in these states, and it is expected that record amounts of money will be spent on campaign ads. Thus television viewers in Florida, Ohio, and other swing states are already inundated with campaign advertisements, whereas residents of smaller deep-blue states such as Vermont and Delaware and those of smaller deep-red states such as Oklahoma and Wyoming will see few ads and no campaign visits by the major-party candidates.

The election of 2012 is likely to be contested closely. The outcome will hinge on the extent to which the Republicans can regain popular vote majorities in states that switched from Democratic to Republican in 2008 and perhaps other closely contested states. This is recognized by both sides, whose campaign strategies are geared toward winning the swing states and therefore winning the election.

Fred M. Shelley University of Oklahoma fshelley@gcn.ou.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.

Washington Monitor

Environmental Groups Endorse AAG Education Resolution

The "AAG Resolution Supporting K-12 Geography Education" has continued to garner support through a growing list of endorsements in recent weeks. 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.

WiLDCOAST, an international environmental organization that works to conserve coastal and marine ecosystems and wildlife, has become the most recent of an expanding list of prominent environmental groups to endorse the resolution, joining the American Council On Renewable Energy, the Environmental Defense Fund, the Jane Goodall Institute, the National Council for Science and the Environment, and the U.S. Green Building Council. Founded in 2000, WiLDCOAST has conserved more than two million acres of coastal wildlands and wildlife habitat to date. We are grateful to WiLDCOAST and to each of these groups for their support.

We are also happy to announce that Connecticut Governor Dannel Malloy (D) agreed to sign the resolution. He becomes the fifteenth incumbent governor to add his name to the document and we appreciate his endorsement of geography education.

Obama Signs Presidential Appointments Bill into Law

President Obama signed the Presidential Appointment Efficiency and Streamlining Act (S. 679) into law on August 10 as the culmination of a rare show of election year bipartisanship. I first reported on the bill, which primarily limits the number of presidential appointments requiring Senate confirmation, in my July-August 2011 column because it impacts two jobs of importance to geography:

- Under the law, the Census Director will now serve a fixed five-year term and each director is eligible to serve up to two terms in the position. Senator Tom Carper (D-DE) originally requested the change to somewhat isolate the job from political considerations.
- The law also ends the practice of Senate confirmation for appointees to the National Science Board (NSB). The fifteenmember NSB is the governing board for the National Science Foundation and members serve as policy advisors to the President and Congress.

2012 Election Predictions

In the spirit of political geography, I have made a practice of offering federal election predictions in the column, so without further ado, here are my fearless thoughts on the 2012 campaign. (Disclaimer: this is being written in early September just after the conclusion of the party conventions, but before the debates).

In 1992, then-Governor Bill Clinton and his staff were famous for using the line, "The economy, stupid!" when referring to the driving issue in that year's presidential contest. Most political pundits would probably agree that the 2012 election is also being guided by the economy, but as a practical matter, presidents have minimal control over the multitude of factors that shape economic trends.

So while President Obama and Governor Romney are spending much of their time discussing the economy, the winner in November will probably focus more governing energy during their term on foreign policy, Supreme Court appointments, and education reform. That being said, this election is shaping up to be a close one and a number of key "swing states" will determine the ultimate outcome:

New Hampshire: Mr. Romney governed nearby Massachusetts and vacations in the Granite State, but New Hampshire is likely to join the rest of New England in supporting the President.

Nevada: Despite high unemployment, Nevada also appears likely to vote Democratic this year. The state's voters tend to favor the President's views on social issues and immigration policy.

Wisconsin: Governor Romney's choice of Wisconsin Congressman Paul Ryan as his running mate hasn't made a huge difference in polling here. The President is favored due to his support for the auto bailout and other issues.

Virginia: Virginia voted GOP in every presidential election from 1968 through 2004, but Mr. Obama broke the trend in 2008 and is likely to win the state again. The President is helped by Virgil Goode's spot on the ballot as the Constitution Party candidate – Goode represented Virginia's 5th District in Congress for twelve years and could siphon conservative votes away from the Romney campaign.

Iowa: The Hawkeye State has a number of culturally-conservative voters who favor the GOP, but President Obama appears likely to hold Iowa in 2012 in part because of manufacturing job growth in key parts of the state.

Colorado: Colorado had been a reliable Republican state, but the growth of the Denver metropolitan area and a related influx of socially-progressive voters have pushed it towards the Democrats. Obama is favored to win the state for a second time.

Ohio: The Buckeye state has been a reliable bellwether in presidential elections, and the President is the favorite in 2012 thanks to the auto bailout and manufacturing growth trends.

Florida: Mitt Romney appeared likely to win Florida through parts of 2012, but his selection of Paul Ryan and related Democratic attacks on GOP Medicare plans seem to have tilted the state very slightly towards the President. While it probably won't be the closest state this year, Florida will again be a pivotal battleground.

North Carolina: I believe the Tar Heel State will be the closest contest on Election Day. The President won here in 2008 and just concluded a successful convention in Charlotte, but the state has historically voted Republican in presidential campaigns. If Governor Romney is to have any chance of winning in 2012, he must take North Carolina's fifteen electoral votes.

John Wertman jwertman@aag.org

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

Downtown Los Angeles and Beyond: Culture and Art at Your Feet

os Angeles sprawls over an immense area of Southern California and many of its museums, art galleries, and cultural venues and events are also widely dispersed. Nevertheless, the city's downtown area has its fair share of museums, performing arts venues, galleries, and other cultural institutions concentrated within an easy walk or metro ride from the AAG's conference headquarters at the Westin Bonaventure Hotel & Suites at the corner of South Flower and West 5th Street (all directions given below are from this corner). Several of these are highlighted below as are more sites that can easily be reached by using the county's METRO light rail/subway connections from the downtown Pershing Square Metro station.

L.A.'s downtown is relatively small and it is easy to cover much of it on foot. Dedi-

cated walkers might also be interested in three self-guided tours of downtown L.A. neighborhoods (Bunker Hill, Union Station, and Chinatown) with maps and annotated guides that are sponsored by Angel's Walk. (see www.angelswalkla.org). If you would prefer not to walk, much of it is covered by the city's local bus system the DASH - which reaches most of the sites listed below Three bus routes pass right in front of the conference hotel (www.ladottransit.com/dash). The fare is just \$0.50.

tecture, while a major renovation of the library finished in 1993 added an immense eight-story atrium. The interior is decorated with a range of art works, including the magnificent four-part mural of the history of California in the Cook Rotunda on the second floor, the California history murals in the Children's Literature Department, and the Ivanhoe Frieze in International Languages Department. (www.lapl.org/central/art_architecture.html).

Museum of Contemporary Art (MOCA)

Located just five blocks away at 250 South Grand Avenue, *MOCA* is a world class art museum. It has three venues in Los Angeles, the largest of which, the Grand Avenue



The spectacular Walt Disney Concert Hall is home to the critically acclaimed Los Angeles Philharmonic Orchestra.

Los Angeles City Library

At the corner of South Flower Street and West 5th Street, (630 W. Fifth Street), the city's main library is just around the corner from the conference hotel headquarters. The library building and the vast public library system it serves are among the city's greatest treasures. With a collection of over six million volumes, it is one of the largest publicly funded libraries in the world. The library boasts a map collection in excess of 100,000 sheets with extensive electronic access (http://digital.lapl.org). Constructed originally in 1926, the main library building is distinctive and incorporates elements of Egyptian and Mediterranean Revival archi-

facility, houses the bulk of the museum's 5,000 piece contemporary (post 1940) art collection and is easily reached on foot from the convention hotel. The museum is closed on Tuesdays and Wednesdays. Adult admission is \$12 (www.moca.org).

The Music Center

Located six to seven blocks from the AAG Annual Meeting at 135 N. Grand Avenue, the Music Center is not one site, but rather a performing arts campus with several of Los Angeles' major performance venues sited along Grand Avenue, just beyond the MOCA. These include the new but already iconic Walt Disney

Concert Hall (home to the L.A. Philharmonic Symphony), the Dorothy Chandler Pavilion, the Ahmanson Theater, and the Mark Taper Forum. These facilities as well as several outdoor venues offer a wide range of excellent music, dance, and theater performances (see www.musiccenter.org for schedules and tickets).

Olvera Street and Plaza

Designated as a California State Historic Monument, *Olvera Street and Plaza* mark the historic center of the first permanent Spanish settlement in Los Angeles. Located six blocks east of the conference hotel on West 5th to South Main, then seven blocks north, the site and its surroundings buildings are a major tourist destination in the downtown area. Public performances in the plaza are

common and street venders and hawkers create a lively street scene, especially on weekends. The city's culture and history are explored here in two notable museums adjacent to Olvera Plaza. One is the recently opened LA Plaza de Cultura y Artes at 501 N. Main Street It is a museum focused exclusively on the culture and history of Mexico, Mexicans, and Mexican-Americans in Los Angeles (http://lapca.org/visit). It is closed on Tuesdays. Admission is free. The Chinese American Museum at 425 N. Los Angeles Street sits just off the Olvera Plaza and close to the site of the city's original Chinatown. This museum focuses on the Chinese

and Chinese-American experience in southern California (www.camla.org).

Nearby to Olvera Plaza

Just across the street from Olvera Plaza, at 800 N. Alameda Street, sits Union Station, the city's venerable and architecturally stunning train station. The last of the great urban train stations built in the United States in the 20th Century, the station's exterior architecture is characterized as Spanish Colonial or Mission Revival, while its elegant interior utilizes many elements of Streamline Moderne, a style similar to Art Deco. Geographers will find it worth a visit

AAG Annual Meeting – Los Angeles

just to walk through the waiting rooms and enjoy a cup of coffee or lunch there. L.A.'s modern Chinatown, just a couple of blocks northwest of Olvera Plaza, is a bustling commercial and residential district that also serves the tourist trade. It extends north and west for several blocks. Angel's Walk, mentioned above, offers a superb self-guided walking tour of this neighborhood (www. angelswalkla.org/walks_chinatown.html).

Little Tokyo

The Japanese American National Museum is located in the heart of L.A.'s "Little Tokyo" at 369 East 1st Street. The museum dedicated to commemorating and documenting the Japanese-American experience in the United States and is housed in a new and architecturally distinctive building facing a large open plaza. To find it, from the conference hotel, go 11 blocks east on West 5th Street, then six blocks north to East 1st Street, and finally 1 block east. It is open every day but Monday. Adult admission is \$9.00 (www.janm.org).

Art Walk

Art Walk happens every 2nd Thursday of the month and one falls right in the middle of the AAG Annual Meeting in Los Angeles, on Thursday, April 11, 2013. It is a "free, self-guided, public art phenomenon ..." where local galleries and the art community have teamed up to create a dynamic and exciting community event. Galleries open, exhibitions are shown, and a bustling street scene ensues with a plethora of bars, cafes, and restaurants open. The best time to

experience the Art Walk is between 6 and 9 pm. (http://downtownartwalk.org/downtownartwalk/).

L.A.'s Downtown Grid

Los Angeles is an "old" Spanish settlement and the core street layout follows the original Spanish grid. That grid is actually off-set from the cardinal directions by 45 degrees as per the mandate of the Laws of the Indies. Thus, most downtown L.A. streets do not run true east but rather southeast or northeast and not west but rather northwest and southwest, etc. — in contrast to many other U.S. cities.

Beyond downtown, many of L.A.'s cultural treasures are readily accessible using L.A. County's increasingly effective public transportation system – METRO. The suggestions below rely on METRO's light rail/subway network focused on downtown. The Pershing Square station is located just three blocks east of the convention headquarters along West 5th Street. See METRO's website for schedules and detailed maps (http://www.metro.net/riding/maps/).L.A.'s downtown Art Walk takes place predominantly on Spring and Main streets between 2nd and 9th streets.

Exposition Park and Museums

From the Pershing Metro Station, go just one station to the 7th Street Metro Center and then transfer to the Expo Line. Exit at Expo/Vermont Station or Expo Park/USC and walk south across Exposition Blvd. to find Exposition Park, one of L.A's signature sites and home to the Los Angeles Coliseum. It is also the home to the California Science



Olvera Street in Los Angeles.

Center, an interactive science museum (www.californiasciencecenter.org). The Natural History Museum of Los Angeles County, one of the premier natural history museums in the county, is just around the corner at 900 Exposition Blvd. (www.nhm. org/site). The museum is open daily and adult admission is just \$12. Just around the corner, the park also hosts the California African American Museum at 600 State Drive. The museum is open every day and admission is free (www.caamuseum.org/).

A Geographer's Museum

Ride to the end of the Expo Line at the Culver City stop and exit to Venice Blvd.

If you walk about 2½ blocks west you'll find a fascinating "geographer's" museum, the Center for Land Use Interpretation, at 9331 Venice Blvd. (www.clui.org/). The Center's exhibits and projects will resonate with many geographers as will its mission to increase and diffuse knowledge "...about how the nation's lands are apportioned, utilized and perceived." The center is open Friday, Saturday, and Sunday from noon to 5 p.m. and by appointment. Admission is free.

Other Points of Interest

There are many other places of interest for geographers in Los Angeles and environs, of course. Unable to name them all, let me point out just a few more. Along the Blue Line to Long Beach, at 628 Alamitos Avenue, is the Museum of Latin American Art – the only museum in the United Stated dedicated to educating the public on modern and contemporary art from Latin America (see www. molaa.org). The museum is closed Monday and

Tuesday and admission for adults is \$9. The Aquarium of the Pacific at Long Beach Harbor (www.aquariumofpacific. org) is a popular tourist attraction as are harbor boat tours. Meanwhile, Pasadena lies along the Gold Line. Pasadena is home to a vibrant downtown district running along Colorado Blvd. and a beautiful city hall of complex design in a "Beaux Arts" style (situated two blocks east from the Memorial Station along East Holly Street). Los Angeles is also home to a vibrant writers' community and a network of many interesting independent bookshops. See www.marpop. com/top-lists for a list of the best.

Whatever you choose to do in Los Angeles, we urge you to make some time to venture outside the walls of the 2013 AAG Annual Meeting and experience some of what our wonderful city has to offer. L.A. has changed a lot since the last time it hosted an AAG meeting, so much so that it may surprise you. We hope to see you here.

Rob Kent rob.kent@csun.edu

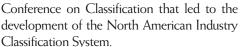
Robert B. Kent is Department Chair and the James H. Ring Professor of Urban Studies and Planning at California State University, Northridge. He is a member of the Local Arrangements Committee planning the 2013 AAG Annual Meeting, to be beld in Los Angeles, April 9-13, 2013.

New Leadership at U.S. Census Bureau

homas Mesenbourg, former Deputy Director, has been named Acting Director of the U.S. Census Bureau, a position he has held previously. Robert M.

Groves recently resigned the Director position to become Provost at Georgetown University.

Having worked at the Census Bureau since 1972, Mesenbourg has served as the Assistant Associate Director for Economic Programs, chief of the Economic Census Staff, and Chief of the Economic Census and Surveys Division. He organized the 1991 International



Mesenbourg was a key speaker at the 2010 AAG Annual Meeting in Washington, D.C., where he spoke about the role of geography and geographers in the 2010 Census and beyond. In 2011, he received the Julius Shiskin Memorial Award for

Economic Statistics. Mesenbourg earned an undergraduate degree in economics from Boston University and a master's degree from Pennsylvania State University.

Groves was appointed as Director of the Census Bureau in 2009, with the 2010 Census rapidly approaching. He quickly made his presence felt by cutting costs and working to increase the quality of the Bureau's products, while also embarking upon a rigorous national travel schedule to promote participation in the Census. The 2010

Census was widely considered a success, and Groves received much of the credit.

Mesenbourg spoke at the 2010

AAG Annual Meeting

The Census Bureau has named Nancy Potok as Acting Deputy Director. She had been serving as the Associate Director for Demographic Programs at the Census Bureau, and previously served as Deputy Undersecretary for Economic Affairs at the U.S. Department of Commerce.



The U.S. Census Bureau recently released its first mobile app, *America's Economy*. It provides the latest updated statistics from the Census Bureau as well as the Bureau of Economic Analysis and the Bureau of Labor Statistics.

The app provides information on economic indicators such as new home sales, personal income, international trade, gross domestic product and the most recent employment and unemployment statistics.

In August, the White House cited the Census Bureau as an example of a federal agency that is "making great strides towards putting a solid foundation for a 21st Century digital government in place."

The mobile app may be downloaded for both iPhones and Android smartphones, as well as for tablets. See www. census.gov for details.

NSF Updates continued from page 5

ment surveys¹, provide a useful context to consider trends in participation of women and minorities in geography.

For example, the AAG's 2010 survey of geography departments revealed that non-white, U.S. residents composed 14.5 percent of the total number of graduate students in participating departments, an increase of 3.2 percent over the proportion reported in 2005 (11.3 percent). The proportion of graduate students in each underrepresented

¹See for example, Solís, P. and J. Adams. 2011. AAG departmental data survey finds modest diversity gains within academic geography. AAG Newsletter 46(4):4.

racial/ethnic category increased modestly in comparison to the 2005 survey data, while the proportion of international students reported declined from 17.2 percent in 2005 to 8.8 percent in 2010.

The AAG's Survey of Geography Departments was designed to provide empirical, discipline-specific data on gender, racial, and ethnic diversity in undergraduate and graduate programs in order to assess ongoing progress towards broadening participation in geography. The findings from the 2005 and 2010 surveys are analyzed in an article by Joy Adams, Patricia Solís, and Jean McKendry

of the AAG that will appear in a forthcoming special FOCUS section on diversity in *The Professional Geographer*. The collection of articles will promote understanding of disciplinary demographic patterns and changes over time and assess challenges in recruiting and retaining women and minorities in geography programs.

For more information about AAG's active and ongoing diversity efforts, and a collection of helpful resources, please visit www.aag.org/diversity.

VGSP Accepting Applications

Gamma Theta Upsilon, the geography honors society, is accepting applications for the Visiting Geographical Scientist Program (VGSP) for the 2012-13 academic year. Applications and program details may be found at www.aag.org/org/

education/aag/edu_visitingscientist.cfm. See www.gammathetaupsilon.org to find out more about Gamma Theta Upsilon.

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 Serge Dedina and Emily Young below. Practicing Geography has recently been published by Pearson Prentice Hall.

Serge Dedina, Ph.D.

Emily Young, Ph.D.

Executive Director,
WiLDCOAST/COSTASALVAiE

Senior Director, Environment Analysis & Strategy, San Diego Foundation Imperial Beach. California

mily Young and Serge Dedina met as undergraduate students while studying abroad in Peru, and were drawn together by a mutual interest in environmental geography and resource conservation in the Baja California region. Since completing their master's degrees at The University of Wisconsin and doctorates at The University of Texas, the couple has continued their personal and professional journeys together.

Because of their similar academic training and research specializations, Serge and Emily realized it would be a challenge for them both to find faculty positions. Fortunately, Serge found himself particularly drawn to applied geography and decided that a nonprofit career would be a better fit for him. When Emily started a tenure-track position at The University of Arizona, Serge found a job with The Nature Conservancy. After a few years and the birth of their sons Daniel and Israel, they relocated to San Diego. Balancing a young family with the demands of Emily's teaching load and tenure requirements was proving difficult, plus they wanted to be closer to Serge's family and to professional opportunities in his areas of interest.

After moving to California, Serge cofounded WiLDCOAST/COSTASALVAjE, a binational organization that works to conserve coastal and marine ecosystems and wildlife (www.wildcoast.net). Emily also transitioned into the nonprofit sector, joining the staff of The San Diego Foundation (www.sdfoundation.org) with community volunteers, donors and other foundations to direct charitable giving to the region's critical environmental needs. Serge describes his exposure to geographic tools and perspectives as "one of the main reasons I've been successful and WiLDCOAST has been successful." Emily notes that the analytical framework she developed as a geographer enables her to understand a variety of regional environmental concerns, ranging from climate change to biodiversity conservation to air and water quality, within their broader social and economic contexts, helping her to determine where funds should be invested in order to have the greatest impact.



Serge Dedina and Emily Young with their two sons during a site visit in Oaxaca, Mexico.

Although salaries can be less competitive than those offered in other sectors, nonprofit work is intrinsically rewarding. A passionate commitment to the mission of the organization is the key qualification that both Serge and Emily seek in potential employees. Prior experience is another important asset. For example, Serge describes his position with The Nature Conservancy as being "like a graduate program for nonprofit management."

However, paid employment is only one option for developing job skills; Emily strongly recommends volunteer work and internships as other ways to gain valuable first-hand experience.

Nonprofit employees often wear many hats, so burnout is something of an occupational hazard within the industry. Serge and Emily maintain a healthy work-life balance by integrating family vacations into their professional travel. The photo above shows the family in Oaxaca, Mexico, where Serge recently scoped out potential WiLDCOAST conservation projects and the family observed slash-and-burn agricultural practices and visited neighboring ruins. "It was like being in a cultural ecology field course," he noted, adding that that field research is the "funnest thing you can do as a family." (For more on the subject of work-life balance, see Jan Monk's chapter in Practicing Geography.)

"Geography is uniquely positioned to prepare the next generation of well-rounded and innovative thinkers to address environmental issues," Emily observes. The couple recommends that job seekers look to gain experience with the financial and fundraising aspects of nonprofit work, develop the ability to communicate effectively with non-specialists, and consider pursuing a master's degree for specialized training. "Take advantage of every opportunity," Serge advises. "It's more important than ever that geographers get out there and use their skills and training to make a difference."

Joy Adams jadams@aag.org

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

AAG Grants and Awards

he AAG has a long history of supporting and recognizing geographers around the globe through its many prestigious grants and awards programs. Opportunities with approaching deadlines are listed below. Full descriptions are available on the AAG website at www.aag.org/grantsawards.

Marble-Boyle Geographic Science Awards

The Marble-Boyle Undergraduate Achievement Awards in Geographic Science 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. All elements of the application must be received at grantsawards@ aag.org no later than the close of business in Washington, D.C. on October 15, 2012. See www.aag.org/marble-boyle for details.

AAG Disability Fund in Memory of Todd Reynolds

The AAG accepts requests from members with disabilities for travel support or other services related to enhancing their participation in the 2013 AAG Annual Meeting (Los Angeles, California). Limited funds are available to subsidize travel, accommodations, or registration, and requests may also be made for additional special services that enable or enhance involvement in the Annual Meeting. Graduate or undergraduate students with disabilities will be given priority consideration. Digital submissions are preferred and should be sent before November 1, 2012. For details and submission instructions see www.aag.org/grants/ disabilities.

AAG Community College Travel Grants

Support from this grant program is awarded to outstanding students from community colleges, junior colleges, city colleges, or similar two-year educational institutions to attend the next AAG Annual

Meeting. These travel funds are generously provided by Darrel Hess and Robert and Bobbé Christopherson. The award consists of meeting registration, one year membership in the AAG, and a travel expense subsidy of \$500 to be used to defray the costs of attending the AAG Annual Meeting. Eligibility requirements and application details (due by November 1, 2012) are available at www.aag.org/grants/college_travel.

Anderson Medal

The James R. Anderson Medal of Honor in Applied Geography recognizes individuals or groups who have contributed significantly to the advancement of the profession in one or more areas of industry, government, literature, education, research, service to the profession, or public service. Nominations due by December 1, 2012. See http://agsg.binghamton.edu or www.aag.org/grantsawards.

Anne U. White Fund

The Anne U. White Fund supports field research conducted by a member of the AAG jointly with her or his spouse, who is not required to have formal training in geography. Deadline is **December 31**, **2012**. See www.aag.org/grantsawards.

Meredith F. Burrill Award

The Meredith F. Burrill Award honors stimulates and rewards talented individuals and groups who have completed work of exceptional merit and quality that lies at or near the intersection of basic research and practical applications or local, national, or international policy implications. Deadline is December 31, 2012. See www.aag.org/grantsawards.

Glenda Laws Award

The Glenda Laws Award recognizes outstanding contributions to geographic research on social issues. This award is named in memory of Glenda Laws—a geographer who brought energy and enthusiasm to her work on issues of social justice and social policy. Deadline is December 31, 2012. Visit www.aag.org/grantsawards.

AAG E. Willard and Ruby S. Miller Award

To recognize members of the Association who have made truly outstanding contributions to the geographic field due to their special competence in teaching or research. Funding for the award comes from the estate of Ruby S. Miller. Members from all fields of geography are eligible for the award. Deadline is December 31, 2012. See www. aag.org/grantsawards for details.

AAG Research Grants

AAG research grants support direct expenses of research or fieldwork that address questions of major import to the discipline (excluding master's or doctoral dissertation research). Deadline is **December 31, 2012**. Digital submissions are required. See www.aag.org/grantsawards.

Darrel Hess Community College Scholarships

Supports students from community colleges, junior colleges, city colleges, or similar two-year educational institutions who will be transferring as geography majors to four year colleges and universities. Deadline is **December 31, 2012**. Details at www.aag.org/grantsawards.

George and Viola Hoffman Award

The George and Viola Hoffman Award supports student research toward a master's thesis or doctoral dissertation on a geographical subject in Eastern Europe. Deadline is **December 31**, 2012. Visit www.aag.org/grantsawards.

Mel Marcus Fund for Physical Geography

Grants from the Mel Marcus Fund for Physical Geography will foster personally formative participation by students collaborating with faculty in field-based physical geography research in challenging outdoor environments. Applications are due by December 31, 2012. See www.aag.org/grants/marcus for details.

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2012 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

 Harley Fellowship in the History of Cartography. www.maphistory.info/harley. html.

DECEMBER

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

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.

New Appointments

Central Washington University, Assistant Professor, Elvin E. Delgado. PhD 2012, Syracuse University.

Columbus State University, Assistant Professor, Brad Huff. PhD 2012, Florida State University.

Illinois State University, Assistant Professor, Reecia Orzeck. PhD 2007, Syracuse University.

Minnesota State University, Mankato, Rama Mohapatra, Assistant Professor. PhD 2012, University of Wisconsin, Milwaukee.

Texas State University-San Marcos, Assistant Professor, Injeong Jo. PhD 2011, Texas A&M University.

Texas State University-San Marcos, Assistant Professor, Kimberly Meitzen. PhD 2011, University of South Carolina.

University of Tennessee, Knoxville, Geography Department Head, Derek Alderman. PhD 1998, University of Georgia.

AAG ADVANCING GEOGRAPHY FUNDS

	to the Asphers as part of the Advancing Scholars Circle Millennium Circle Century Circle Explorers Circle Leadership Circle
This gift will be made as follow Total amount enclosed: \$Plus annual payments of: \$	
If you intend to fulfill your plet cash, check, or marketable sec	urities, please check:
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Please send this pledge form t	o:
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1710 Sixteenth St. NW	, Washington, DC 20009

Call for Papers 2013 AAG Annual Meeting

April 9-13, Los Angeles

he 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 Power-Point 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 coauthors, 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.

DISCLAMER

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.

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[If you are a "companion/spouse" of a registered	d attendee, y	ou MUST be	registered for the meeting	in order to register for a field	l trip]		
Do you have any disabilities or specia	1 needs?	Please exp	lain:				
I. REGISTRATION FEES				IV. WORKSHOPS		Quantity	Price
☐ Check here if you have already re	egistered	for the me	eting.	Workshops are still being confirmed. Please check back frequently for information and workshop opportunities. Full descriptions will be available.			
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Regular Member	\$295	\$335	\$		Abstracts are available online to all registrants at no charge. If you also purchase an abstract CD, sign up here.		
Member Student/Retired/Underemployed*	\$155	\$185	\$	purchase an abstract C2	2, 51811 up 110101		
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*The AAG offers a reduced registration fee for our annual meeting to members who are			I. REGISTRA	AITON		\$	
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 TRI	IPS		\$	
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II. FIELD TRIPS	D.I.		6 4 6	V. ABSTRAC	CT CD		\$
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.			GRAND TOTAL (U.	.S. Dollars Only)		\$	
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III. SPECIAL EVENTS/BOOKS	Quanti	ty	Price	☐ Please charge \$_ (sorry, no AMEX or Dis	to my V	VISA/MC Exp. D	Date:/
Awards Luncheon – individual ticket		@ \$55	\$	Card #			
Awards Luncheon Table – 10 tickets		@ \$495	5 \$				
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OTAL SPECIAL EVENT/BOOK FEES



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

Yes, we do have weather (and climate) in Southern California

urprisingly, there is weather in southern California, a lot of it. And it's not just sunny, warm heading-to-thebeach weather. Some of its weather can be incredibly hazardous.

Actually, the odds that geographers attending the 2013 AAG Annual Meeting in Los Angeles will see sun all week is pretty good. April gets the most hours of sunshine (303.5 hours on average) of any month of the year, after summer's peak sunny months of July and August. Puny rainfall for the whole month averages only 0.91", with only 3.2 days on average seeing rain. April 2011 was in fact completely dry, as it has been a half dozen other years. And as far as April temperatures go, it's much to Goldilocks' liking: not too hot, not too cold. In April, downtown Los Angeles daytime highs average 72.3° Fahrenheit, while it cools off to 54.2 °F in the early mornings. The thermometer reached a sizzling 106 °F on April 6, 1989, but has never dipped to freezing in the last century.

To really describe L.A. weather and climate you first have to describe Los Angeles. L.A. is a sprawling metropolis within an even larger megalopolis that stretches from Santa Barbara to the north to San Diego to the south and Santa Monica and the Pacific on the west to somewhere beyond San Bernardino to the east. Nineteen million residents live in 190 cities across six counties that make up the L.A. region, covering 38,000 square miles. Several U.S. cities could sit comfortably inside the metropolis without feeling squeezed. The largest concentration of people lies in Los Angeles County, with almost 10 million folks sharing a total area of 4,060 square miles. That includes coastal plains, inland valleys, foothills, mountains of over 10,000 feet, and high deserts. L.A. is also a metropolis of many microclimates. On some April days it could be snowing, raining and sunny all at once within L.A. County.

You could call Los Angeles "Hazards City," since it is home to practically every meteorological and geological (yes, you may feel a shaking) hazard, besides volcanoes (unless you believe certain movies) and blizzards. The L.A. Basin is actually the "tornado capital of the West" having more tornadoes per area than anywhere west of the Rockies. Unlike the monsters of the Midwest, the L.A. variety of twister is usually smaller and less ferocious, with many originating as waterspouts coming onshore along the L.A. and San Diego county coastline. Mostly EF-0 and EF-1 severity on the Enhanced Fujita Scale, L.A. has had a couple tornadoes ranked as high as EF-3. One rather energetic EF-2 tornado hitch-hiked up the 110 Harbor Freeway, mangling structures along the way before ripping off portions of the Convention Center's roof on March 1, 1983. During El Niño years, there are markedly more severe weather events than non-El Niño years. The 1997-98 El Niño winter spawned 25 tornadoes in the Golden State. Remarkably, after some 400 recorded tornadoes (since 1959), California has not had one fatality.

Summer heat waves, year round fires and fall/winter Santa Ana winds often follow each other to present another detour from the supposedly typical mild California weather. Hot, dry Santa Ana winds can send temperatures soaring above 100 °F and whip small brush fires into gigantic inferno-like wildfires. The unusually long heat wave of July 16-26, 2006 resulted in over 140 fatalities and agricultural losses running into the billions of dollars. Heat waves have become more frequent and longer in duration, especially in the southern California region.

Hot and dry Santa Ana winds flow down the mountain slopes from the Great Basin towards the southern California coast. Very cold, polar air sweeping south into the Great Basin can intensify pressure gradients resulting in north or northeast winds. The air picks up speed as it pushes through narrow canyon passes (Bernoulli Effect), while warming by compression due to increasing pressure at lower elevations. Often the warmest temperatures are found closest to the coast. While Santa Ana winds have not appreciably increased in recent decades, their impacts through wildfires have increased in both northern and southern California. In 2003, over 280,000 acres of southern California burned in the Cedar's Fire, while in late August, 2009, the Station Fire, north of Los Angeles, was the largest fire in the state's history, scorching 160,577 acres (251 sq mi; 650 km²) and killing two firefighters. Santa Anas, also called Santanas or "devil winds," are so prominent a feature of southern California that they have sometimes been used as a backdrop in literature, such as in the short story, "Red Wind," by Raymond Chandler (1938).

"There was a desert wind blowing that night. It was one of those hot, dry Santa Anas that come down through the mountain passes and curl your hair and make your nerves jump and your skin itch. On nights like that every booze party ends in a fight. Meek little wives feel the edge of the carving knife and study their husbands' necks. Anything can happen."

Although Los Angeles experiences more dry years than wet (6 out of 10 winters are drier than "normal"), the city has a remarkable history of devastating floods and even more deadly droughts. The most memorable flooding in historical times was the famous 1861-62 event, when from December 24, 1861 until January 31, 1862, almost continuous downpours drowned all of California. Much of the Central Valley was an enormous lake, while in Los Angeles rain occurred on 30 consecutive days. Extensive flooding and massive mudslides ravaged property and roads. After the devastating 1861-62 flood, a severe drought hit L.A. County with no

Continued on page 20

Weather continued from page 19 _

significant rain occurring for the next two years. (This put an end to a small cattle and livestock industry.) Another storm on March 2, 1938 was the most destructive and violent of the 20th century. Forty-nine fatalities were associated with the flood and millions of dollars in damages resulted. This flood led to an important decision by the Army Corps of Engineers to channelize

the L.A. River for flood control - a decision that reverberates to this day. Most major California flooding occurs with atmospheric rivers (AR) - narrow bands of moisture flowing from the tropics into the west coast. The "Pineapple Express" is one type of AR that originates near the Hawaiian Islands.

When the Pacific Ocean talks, California listens. Changes in the Pacific account for much of southern California's swings in weather and climate. Take El Niño, for instance. It occurs when sea surface tempera-

tures rise above normal in the eastern and central equatorial Pacific once every three to eight years. The opposite, La Niña, occurs when the same region experiences unusual cooling. It is generally thought, especially by my students, El Niño years are associated with floods in California. Actually, this is not always the case.

However, El Niño years do bring more storms, more days of rain and above normal precipitation to southern California, in general, while La Niña years are called "the Diva of Drought" by JPL climatologist, Bill Patzert. In the 1997-98 El Niño, one of the strongest ever recorded, L.A. averaged 230% of normal precipitation over the whole district.



Rare pyrocumulus clouds appear in the Los Angeles sky as a result of the deadly "Station Fire," caused in part by low rainfall.

In recent decades Los Angeles has been getting warmer and drier. Is this all global warming? Not if you consider that the city has warmed 5 °F in the last century, while global warming is more like one or two °F. This rapid warming is definitely a result of the intensifying urban heat island (UHI), a phenomenon very apparent in sprawling western cities where the concentrated buildings of the Central Business District (CBD) create an island of warmer temperatures than the surrounding rural areas. Population growth is a major driving force for the increase in the UHI effect, as L.A. has doubled in population since 1950.

So, if you are influenced by how L.A. weather is portrayed in the movies, are you

> expecting LA Story (sun, sun, sun) or the unrelenting gloom of Bladerunner? In any case, enjoy sunny southern California next April at the AAG Annual Meeting. Or as Mark Twain said, climate lasts a long time and weather only a few days.

> Steve LaDochy is professor of Geosciences & Environment at California State University, Los Angeles and Summer Faculty Fellow at the Jet Propulsion Laboratory (JPL), NASA. He is the author of several articles on urban climates, climate variability and change, and air pollution meteorology. In his past life he's worked with the National Weather Service, air pollution control district, and as a KNBC weather forecaster.

Steve LaDochy California State University, Los Angeles sladoch@calstatela.edu

AAG Grants and Awards continued from page 14 -

AAG International Geographic Information Fund

Through Student Travel Grants, Graduate Research Awards, and Student Paper Awards, this fund supports fulltime students who are currently registered in an undergraduate or graduate degree program within the United States, and who are working in any area of spatial analysis or geographic information science or systems. Deadline is December 31, 2012. See www.aag.org/grantsawards.

AAG Dissertation Research Grants

To support direct expenses of master's or doctoral dissertation research for eligible individuals. Deadline is December 31, 2012. See www.aag.org/grantsawards.

AAG Meridian Book Award

Awarded for a book that makes an unusually important contribution to advancing the science and art of geography. Books published in calendar year 2012 are eligible. Deadline is December 31, 2012. Details available at www.aag. org/awards/meridian_book.

AAG Globe Book Award

Presented for a book that conveys most powerfully the nature and importance of geography to the non-academic world. A list of previous awardees is available online. Books published in calendar year 2012 are eligible. Deadline is December 2012. See www.aag.org/awards/ globe_book for details.

J.B. Jackson Prize

The J.B. Jackson Prize is presented annually to authors of outstanding books about the United States that convey the insights of professional geography in language that is interesting and attractive to a lay audience. Books published in calendar year 2012 are eligible. Deadline is December 31, 2012. Visit www.aag. org/awards/jackson_prize for details.

External Sources

A list of links to external resources of interest for geography and related fields is available at www.aag.org/grantsawards. These include fellowships, foundations, government sources, and general directories. National Science Foundation grants and competitions may be found at www.nsf.gov.

Crews Joins NSF Geography and Spatial Sciences Program

elley A. Crews has been appointed to serve as a Program Director for the Geography and Spatial Sciences (GSS) program at the National Science Foundation. Crews holds a Ph.D. in geography from the University of North Carolina – Chapel Hill. Her specializations are human-environment interactions and GIScience, with an emphasis on integrating remotely acquired and in situ data to disentangle feedback loops between and within human and ecosystem vulnerability and health in developing states of

the global tropics. She is a faculty member in the Department of Geography and the Environment at the University of Texas.

Crews joins current GSS Program Directors Thomas Baerwald, Antoinette WinklerPrins and David McGinnis.

More information on the National Science Foundation's Geography and Spatial Sciences Program (GSS) can be found at www.nsf.gov/ funding/pgm_summ.jsp?pims_id=503621

Contact

Kelley A. Crews, Program Director
Geography and Spatial Sciences Division
of Behavioral and Cognitive Sciences
Directorate of Social, Behavioral, and
Economic Sciences
National Science Foundation
4201 Wilson Blvd., Room 995
Arlington, VA 22230
E-mail: kcrews@nsf.gov

Phone: 703-292-8457 FAX: 703-292-9068

Call for Participation:

2013 MyCOE / SERVIR Initiative in the Himalayas

he MyCOE / SERVIR Initiative in the Himalayas is a 10-month fellowship program for undergraduate and graduate students who are citizens of eligible countries*, currently enrolled in any field at an institution of higher education in an eligible country with ideas and plans for research that address themes of Climate Change in Mountain Area Regions using geographic technologies.

Students are invited to propose a research project and will be competitively selected on the basis of their long-term potential to contribute to these topics in the region. The MyCOE / SERVIR program will provide students with customized capacity training in GIS, remote sensing, GPS, and/or spatial techniques to help them enrich their research proposals. They will also receive professional development, have access to additional mentoring by international experts, and engage in an online community with other

fellows. Interested students must apply with a mentor who is willing to work closely with them throughout the duration of the program and attend the workshop. The program provides travel support and research stipends for both students and their mentors

Up to 15 teams of students and their mentors will be selected for this Himala-yas Initiative. Over the life of the program, participants will have the opportunity to interact and exchange ideas with approximately 60 other teams from around the world that will be selected through MyCOE / SERVIR global initiatives.

The official language for this initiative is English.

Partners: My Community, Our Earth: Geographic Learning for Sustainable Development (MyCOE), Association of American Geographers (AAG) (MyCOE Secretariat), National Aeronautics and Space Administration (NASA), United

States Agency for International Development (USAID), The SERVIR Global Program, International Center for Integrated Mountain Development (ICIMOD), SERVIR-Himalaya and others.

*Eligible countries: Afghanistan, Bangladesh, Bhutan, India, Nepal and Pakistan. Please note that to be eligible, all participants must be citizens of one of the eligible countries and also be studying (students) or working (mentors) and residing in the same or another of the eligible countries.

For more information please see www. aag.org/mycoe.servir/himalayas. Inquiries may be directed to mycoe@aag.org.

My Community, Our Earth (MyCOE)

To find out more about MyCOE and other AAG projects and programs see www.aag.org/projects_and_programs.

Call for Papers

International Migration

Editors of the journal International Migration Review are requesting papers for a special issue on trends, emerging patterns, and analytic and policy issues concerning international migration between and among developing nations and transitional economies in Africa, Asia, South and Latin America, and part of Eastern European nations, or broadly defined "south-south migrations." Scholars addressing issues of international migration in the global south are invited to submit full papers to the guest editors of this special issue. Papers should be submitted to the editorial offices of International Migration Review (imr@cmsny.org) by December 15, 2012. Authors should follow the guidelines for all papers submitted for this journal and can be found at: http://onlinelibrary.wiley. com/journal/10.1111/(ISSN)1747-7379/ homepage/ForAuthors.html.

Specialty Group News

Asian Geography SG

The AGSG Best Graduate Student Paper Competition and accompanying \$250 cash prize were awarded to Sya Kedzior, Montana State University, for her paper entitled "Sustainability and the Limits of Public Participation: Producing Environmental Awareness as a Prerequisite to Participation in Indian Water Quality Management."

Disability SG

The annual Todd J. Reynolds DSG Student Paper Award and accompanying cash prize of \$100 were presented to Debanuj Das Gupta, Ohio State University, for his paper entitled "Cartographies of Friendship, Desire, and Home; Notes on surviving neoliberal security regimes."

Regional Development and Planning SG

Xinyue Ye, Bowling Green State University, was presented the Emerging Scholar Award (early career), and Vandana Wadhwa, Boston University, was presented with the Distinguished Scholar Award (mid-career), in recognition of their scholarly contributions and service to the field of development, planning and policy. Jennifer Pomeroy, University of Maryland, College Park, received the RDPSG Distinguished Service Award in recognition of her service to the specialty group. Felix Haifeng Liao, University of Utah won the Ashok K. Dutt Best Graduate Student Paper Award along with the accompanying \$200 cash prize.

Climate SG

The Climate Specialty Group (CSG) has announced its competition for students presenting climatology-oriented papers at the forthcoming AAG Annual Meeting in Los Angeles, to be held April 9-13, 2013. Rules for the competition, including judging criteria, may be found on the CSG homepage at www.geography.du.edu/csg. The deadline is October 10, 2012.

Cultural Geography SG

The Cultural Geography Specialty Group (CGSG) invites students to apply for the 2013 Terry G. Jordan-Bychkov (PhD) and Masters Level Student Paper Awards. The competition recognizes outstanding work by graduate students pursuing research in cultural geography. The paper must be given at a professional meeting between March 1, 2012 and April 13, 2013 (in the time since the previous AAG meeting). Although this paper need not be presented at the 2013 AAG Meeting, students are encouraged to submit papers presented at the national or regional AAG meetings. Applicants must be student members of the CGSG. The award amounts are \$250 (PhD) and \$200 (MA); awards may not be made if no papers are deemed suitable. Applications and additional information are available at the CGSG website (http://cultural. missouri.edu). Applications are due to Sarah Smiley, CGSG Awards Chair, at ssmiley8@kent.edu no later than January 4, 2013.

The Cultural Geography Specialty Group (CGSG) also invites proposals for the 2013 Denis E. Cosgrove (PhD) and Masters level Research Grant Competitions. These competitions aim to provide a measure of support for graduate students to conduct high-quality research projects for their master's thesis or doctoral dissertation. Each applicant must be a student member of the CGSG at the time of application, and the proposed project should be part of her/his thesis or dissertation research. This year's awards will be made at \$500 for the PhD level and \$250 for the MA level; they may not be made if no proposals are deemed suitable. Applications and additional information are available at the CGSG website (http://cultural. missouri.edu). Applications are due to Sarah Smiley, CGSG Awards Chair, at ssmiley8@kent.edu no later than January 4, 2013.

AAG Specialty Group Awards

Many AAG specialty and affinity groups offer awards to their members. To find out more about specialty and affinity groups including how to join, visit www.aag.org and click on "About AAG" to find the link to the specialty groups' pages.

United States

*ARKANSAS, CONWAY

The Department of Geography at the University of Central Arkansas (www.uca.edu) invites applications for the position of **Department Chair**, effective July 1, 2013. This tenurable position will be at the rank of Full Professor.

Candidates must have a PhD in Geography but subfield and areas of interest are open. In addition, they must have a distinguished record of scholarship, teaching skills, and external grant support as well as demonstrated administrative ability and vision. Candidates at the level of associate professor may be considered if they demonstrate significant administrative ability and teaching skills. Preference will be given to candidates whose interests and experience are in line with the University's (http://uca.edu/about/mission) and the Department's mission (http://uca/edu/geography/message). Women and minorities are strongly encouraged to apply.

The eight full-time faculty offer curricula leading to a BA and BS in geography and minors in geography and geographic information science. Environmental Science students in a Planning and Administration track are also advised within the Department. In addition, the Department administers and facilitates three online, graduate programs; a 15-hour GIS Certificate, a 30-hour Master of GIS degree, and a 36-hour Master of Science in Community and Economic experienced growth in geospatial-and environmental-related courses.

Founded in 1907, the University of Central Arkansas is an accredited, state-supported institution that awards the bachelor's, master's specialist's and PhD degrees. The university has an enrollment of 11,000 students and a faculty of more than 400. Conway, a community of over 55,000, has three colleges and universities, and is located thirty miles northwest of Little Rock, the state capital. UCA is an Equal Opportunity/ Affirmative Action employer.

"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 $1/4" \times 5"$) \$400; 1/3 page vertical (2 $1/4" \times 10"$) \$650; 1/3 page square (4 $3/4" \times 4 3/4"$) \$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

Apply: Applicants should submit a cover letter; curriculum vitae; a statement about research, teaching, administrative experience, and vision; and a list of three references with their contact information. Letters of reference and transcripts will be solicited for short-listed candidates.

The review of applications will begin after November 1, 2012, and will continue until the position if filled. Candidates may send all material via regular post, FAX, or electronic mail to Dr. Maurice A. Lee, Dean, College of Liberal Arts, University of Central Arkansas, 120 Irby Hall, 201 Donaghey Avenue, Conway, Arkansas 72035. Voice: 501-450-3167. FAX: 501-450-5185. E-mail: MauriceL@uca.edu.

OCT 12-171

*ARKANSAS. CONWAY

The University of Central Arkansas, Department of Geography, invites applications for an Assistant Professor, tenure-track position in Physical Geography and GIS, beginning August 2013. It is expected that the person hired will have completed a doctoral program by the time of appointment. That person will be a broadly trained physical geographer with advanced geospatial technology skills. It is expected that the person hired will have the ability to teach lower and upper division courses in the Department of Geography (for example, Geography of World Regions and the Geography of Landforms); teach online, graduatelevel GIS courses (for example, Spatial Analysis and Modeling and Fundamentals of Database Design and Development) in a Master's degree program; team-teach an Environmental Practicum course; and advise students in an Administration and Planning track in an Environmental Science program.

The Department of Geography is interested in an enthusiastic individual who connects with students in and outside of the classroom, is engaged in scholarly research leading to publications, and has the ability to promote the geography program across campus and in the community. Salary is competitive.

Founded in 1907, the University of Central Arkansas is an accredited state-supported institution that awards the bachelor's, master's, specialist's and PhD degrees. The university has an enrollment of 11,000 students and a faculty of more

www.aag.org

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than 400. Conway, a community of over 55,000, has three colleges and universities, and is located thirty miles northwest of Little Rock, the state capital. UCA is an Equal Opportunity/Affirmative Action employer. The Web site is www.uca.edu.

Applicants must send (via regular post or electronic mail) a cover letter providing information regarding teaching experience and suitability for the position, a detailed CV, and contact information for three references by November 30, 2012. Letters of reference and transcripts will be solicited for short-listed candidates.

Apply: Dr. Brooks Green, Chair, Department of Geography, University of Central Arkansas, 301 Irby Hall, 201 Donaghey Avenue, Conway, Arkansas, 72035. Voice: 501-450-5636. FAX: 501-852-2926. E-mail: brooksg@uca.edu.

OCT 12-100X

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://apptrkr.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/TitleIX/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 upperdivision 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://apptrkr.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, BERKELEY

Assistant Professor or Associate Professor with tenure, Human Geography and Geographic Information Science. The Department of Geography seeks a human geographer who, among other methods, uses GIS to study the patterns and processes of social, economic, or environmental features of modern life. The successful candidate's scholarship will recognize that GIS itself is an important component of social processes that are transforming landscapes. The successful candidate must have a PhD or equivalent in geography or a closely related discipline by date of hire.

Submit letter of application (including statements of research and teaching interest), curriculum vitae, up to three reprints, and the names of three references, their addresses, and their e-mail addresses, by December 1, 2012.

All recommendation letters will be treated as confidential per University of California policy and California state law. Please refer your potential referees, including when letters are provided via a third party (i.e., dossier service or career center), to the UC Berkeley statement of confidentiality: http://apo.chance.berkeley.edu/evalltr.html. Please submit all materials electronically to the following URL: https://aprecruit.berkeley.edu/apply/JPF00060.

The University of California is an Equal Opportunity/Affirmative Action Employer. The University is committed to addressing the family needs of faculty, including dual career couples and single parents. We are interested in candidates who will contribute to diversity and equal opportunity in higher education through their teaching, research, and service. For more information see http://calcierge.berkeley.edu/.

OCT 12-196

*CALIFORNIA, BERKELEY

The University of California, Berkeley invites applications for the 2013-2014 S.V. Ciriacy-Wantrup Postdoctoral Fellowships in Natural Resource Economics and Political Economy.

The S.V. Ciriacy-Wantrup Postdoctoral Fellowships in Natural Resource Economics and Political Economy will be awarded for the 2013-14 academic year to support advanced research at the University of California, Berkeley.

For the purposes of this fellowship, natural resources are defined broadly to include environmental resources. The fellowship encourages, but is not limited to, policy-oriented research. Applications are open to scholars from any social science discipline and related professional fields such as law and planning, who will make significant contributions to research on natural resource economics broadly defined. Preference will be given to proposals whose orientation is broadly institutional and/or historical, and which are conceptually and theoretically innovative. Proposals with a primarily statistical or econometric purpose are not eligible for consideration.

Application deadline is December 10, 2012. For more information, please visit: http://nature.berkeley.edu/site/ciriacy.php.

OCT 12-208

*CALIFORNIA, BERKELEY

Assistant Specialist in Land Change Science in cooperative extension, University of California, Berkeley. The Department of Environmental Science, Policy, and Management, at the University of California at Berkeley, invites

applications for an Assistant Specialist in Cooperative Extension in the area of Land Change Science, with an expected start date of March 1, 2013. Job details and application instructions available at: http://ourenvironment.berkeley.edu/LandChangeScience.pdf. The application closing date is October 31, 2012. The University of California is an equal opportunity, affirmative action employer.

OCT 12-209-1

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 demonstrated 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, SAN DIEGO

Four students (3 doctoral, 1 MS) are sought in support of an interdisciplinary project "CNH:

Sustainability of Payments for Ecosystem Services in Coupled Natural and Human Systems", which is newly funded by NSF (PI: Dr. Li An, Department of Geography, San Diego State University). The three PhD positions will have emphases in 1) landscape ecology, remote sensing, habitat analysis; 2) GIScience and systems modeling, and 3) human geography and social demography, respectively. The MS position could be any one or combination of: 1) habitat modeling, 2) land cover change, 3) participatory mapping, and 4) econometric analysis.

These students will support the project in investigating the interaction between payment for ecosystem services programs in Fanjingshan National Nature Reserve, China for the endangered Guizhou golden monkey and the corresponding coupled natural and human system. Students should be comfortable working as part of a collaborative project with researchers from a range of backgrounds, have excellent interpersonal and writing skills, and possess a willingness to work in a range of international and disciplinary contexts. The ideal starting date for all four positions will be the 2013 fall semester (specifics negotiable). Salaries and benefits are competitive.

See http://complexity.sdsu.edu/Positions/Positions.htm for full details, application requirements, and contact information for correspondence regarding the positions. Contact Dr. Li An, lan@mail.sdsu.edu, for additional details.

OCT 12-198

CALIFORNIA, SANTA BARBARA

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

*CALIFORNIA, SANTA BARBARA

The Department of Black Studies (www.black-studies.ucsb.edu) invites applications for a full time, ladder-rank, tenure-track faculty appointment at the rank of **Assistant Professor** (without tenure) in **Black Urban Studies** to start July 1, 2013. Applicants should possess a Ph.D. or supply evidence that all requirements for the degree will be completed by October 1, 2013.

Successful candidates may have a Ph.D. in Sociology, Public Policy, Public Health, Geography, History, African Diaspora Studies, Global Studies, Urban Planning, Anthropology, Architecture, American Studies, Ethnic Studies, Economics, Political Science, Education or related disciplines. We seek a researcher with an expertise in the experiences of Blacks in cities with a particular focus on the impact of the urban environment on space, health, economics, social organization, population, policy, etc. The research should correspond with the Black Studies Department's universal investment in social justice. The Department is especially interested in candidates whose research engages with and takes seriously alternative systems of urban community formation and the global Black Metropolis.

For additional details and application: http://www.blackstudies.ucsb.edu/events/open-positions.html.

OCT 12-200

*COLORADO, BOULDER

The Department of Geography at the University of Colorado Boulder invites applications for an Assistant/Associate level tenure-track position in Human Geography, beginning in August 2013.

The position will complement and expand the department's strength in **development geography**, with desirable specialization areas including (but not limited to): gender and development, feminist methodology, urban processes, security/conflict, and agrarian change. Priority will be given to candidates with field experience in Africa, the Middle East, South Asia or Southeast Asia.

The successful candidate will regularly teach development geography at the undergraduate level, and a regional geography course as part of the normal load (3 courses per year for researchactive faculty). The successful candidate will also rotate into the large introductory human geography courses, teach undergraduate and graduate classes in his/her specialty and contribute to the Development Studies graduate study certificate program. All requirements for the Ph.D. must be completed by August 15, 2013.

Applications are accepted electronically at https://www.jobsatcu.com, posting 818574, and should include an application letter, a curriculum vitae, up to three relevant reprints of publications, evidence of teaching effectiveness, and 1-2 page statements of research and teaching plans. You also must provide the names and e-mail addresses of three professional references. Full position description is available at http://www.colorado.edu/ArtsSciences/Jobs/. Review of applications will begin on October 15th, 2012 and will continue until the post is filled.

The University of Colorado is an Equal Opportunity Employer committed to building a diverse workforce. We encourage applications from women, racial and ethnic minorities, individuals with disabilities and veterans. Alternative formats of this ad can be provided upon request for individuals with disabilities by contacting the ADA Coordinator at hr-ada@colorado.edu. See http://geography.colorado.edu for more information about the geography department at CU.

For further information and informal inquiries, please contact Tim Oakes (toakes@colorado.edu).

OCT 12-177

CONNECTICUT, STORRS

Head, Department of Geography, University of Connecticut. The Department of Geogra-

phy 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 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

*CONNECTICUT, NEW HAVEN

Yale School of Forestry & Environmental Studies. Faculty Position in Sociology or Political Science.

The School of Forestry & Environmental Studies at Yale has a tenure-track Assistant Professor position for an exceptional social scientist trained in sociology, political science, or a related discipline, whose research and teaching address the human dimensions of environmental management and resource stewardship. Candidates will have an outstanding record of scholarship and will also demonstrate potential for connecting and collaborating with natural and physical scientists in an interdisciplinary School.

Candidates should have expertise in fields such as: environmental aspects of human and community behaviors, well-being and livelihoods; the policy-making process; science-policy relations; international or comparative environmental governance; and environmental institutions and movements.

We seek candidates who apply their research expertise to a broad range of environmental challenges such as: sustainability in urban systems; energy systems security and sustainability; environmental justice; land-use change; agriculture and food security; conservation and protected-area management; stewardship of water resources; or societal responses to risk, hazards and pollution. Prior to applying, candidates should explore the School's website (www. environment.yale.edu) and consider how their expertise can complement existing strengths within the School.

The successful candidate will be expected to develop an internationally recognized research program that involves graduate students, including through fieldwork. We encourage our faculty to work across disciplinary boundaries in a collegial environment. Applicants will be expected to teach classes to PhD, Masters and undergraduate students.

Applications received by October 29, 2012, will receive full consideration.

Apply: Applicants should submit a curriculum vitae, a statement of research, a statement of teaching interests, and the names and contact information of four references via http://academicpositions.yale.edu/postings/598.

For more information about the position, contact Assistant Dean Angela Kuhne at angela. kuhne@yale.edu.

Disclosure: Yale University is an equal opportunity/affirmative action employer. Yale values diversity among its students, staff, and faculty and strongly encourages applications from, and nominations of, women and underrepresented minorities.

NOV 12-212

*DELAWARE, NEWARK

University of Delaware. The Department of Geography in the College of Earth, Ocean, and Environment invites applications for a tenure track Assistant Professor position beginning September 2013. The department seeks a Climatologist who will complement and enhance the existing research areas of the department and college.

The Geography Department at the University of Delaware is a nationally and internationally recognized department that has a long-standing tradition in climatological research. The department offers undergraduate degrees in Geography, Environmental Science and Environmental Studies, Masters degrees in Geography, Ph.D. degrees in Geography and Climatology, and a graduate-level certificate program in Geographic Information Science. Our research and teaching programs interact extensively with other units in our college and university, and we emphasize interdisciplinary research collaborations.

The successful candidate will be expected to develop an independent research program with a graduate education program and a high level of publication and external support, along with service to the department, college, university, and profession and teaching in support of our degree programs. A Ph.D. in Geography or related discipline is required at the time of appointment.

To be considered for this position, applicants must provide a letter of application addressing their qualifications for the position, a curriculum vitae, statement of research and teaching interests, and contact information for three references. All applications must be submitted electronically at http://www.udel.edu/jobs by attaching a CV and statements combined as one electronic document. Questions regarding this position (job ID#100889) (but not applications) may be addressed to the committee chair, Brian Hanson, hanson@udel.edu. Review of applications will begin on October 12, 2012, and will continue until the position is filled Further information about our department and programs may be found at http://www.udel.edu/ Geography.

The University of Delaware is located midway between Philadelphia and Baltimore, and is a Sea Grant, Space Grant, and Land Grant institution and a member of the UCGIS. The University of Delaware is an Equal Opportunity Employer and encourages applications from minority group members and women.

OCT 12-180

*DC, WASHINGTON

Johns Hopkins University, Zanvyl Krieger School of Arts and Sciences, Advanced Academic Programs. Academic Program Director, Environmental Studies.

The Advanced Academic Programs (AAP) unit of the Krieger School seeks an academic program director to oversee its graduate programs in Environmental Studies. Since 1993, the Environmental Studies program has provided high-quality master's degrees to students in the Baltimore-Washington area. With three degrees and one certificate, and with substantial parts of these curricula available online, the program enjoys a national and international reputation, with increasing numbers of online students. The position of Academic Program Director is a full-time, twelve-month faculty and administrative position (non-tenure track) with an initial appointment of one year.

The Academic Program Director is responsible for the following programs: Master of Science in Environmental Sciences and Policy (this degree includes four optional concentrations); Master of Science in Energy Policy and Climate; Master of Science in Geographic Information Systems; Post-Baccalaureate Certificate in Geographic Information Systems.

In addition to teaching, responsibilities include the day-to-day operation and management of academic programming, including instruction, curriculum development, academic planning and scheduling in addition to supervising full-time, part-time, limited-time, and adjunct faculty. Full-time and part-time faculty may include one or more Associate Program Directors and one or more Program Coordinators. The Academic Program Director serves as the primary faculty recruiter for his or her program, and works closely with AAP's marketing, admissions and finance teams to promote the program and to manage its budget.

Major responsibilities include the following: Hiring and supervising of program faculty; Budgetary management and financial planning; Curriculum development and revision; Program Promotion, including outreach to prospective students and partners; Teaching; Academic Advising. Academic Program Directors report to discipline-based program chairs as well as to the Dean of the Krieger School through the Associate Dean for Advanced Academic Programs.

The ideal candidate will possess a terminal degree (Ph.D., ED.D, MBA, JD etc.) in a discipline related to the Environmental Sciences or Environmental Policy (Biology, Hydrology, Chem-

istry, Earth Sciences, Environmental Education, Geography, Urban Planning or Environmental Policy). Preference will be given to candidates who demonstrate significant involvement with, or academic preparation in, the sciences. Candidates should possess administrative and/or management experience, ideally in a academic setting.

For best consideration, please apply by sending a curriculum vitae, the names and contact information for 3 professional references, and a recent salary history to: Search Committee, Environmental Studies Academic Program Director, Office of the Associate Dean, 1717 Massachusetts Avenue NW, Suite 104, Washington, DC 20036-2001.

Johns Hopkins is an equal opportunity/affirmative action employer.

Note: The successful candidate(s) for this position will be subject to a pre-employment background check.

OCT 12-176

*GEORGIA, KENNESAW

The Department of Geography and Anthropology at Kennesaw State University (KSU) is accepting applications for a nine-month, tenure-track Assistant Professor of geography position to begin in August 2013. The successful candidate will have an earned doctorate in geography or closely-related field with expertise in physical geography. Primary instructional responsibilities include teaching courses in introductory physical geography, climatology, and developing and teaching upper division courses in his/her specialty for our Geography, GIScience, and Environmental Studies programs. Research using geospatial technologies and the ability to teach courses in Cartography, GIS, and remote sensing are highly desired.

The Department of Geography and Anthropology at KSU is a dynamic department of 15 full time faculty committed to engaged scholarship and excellence in teaching. The department offers a B.A. in Geography, a B.S. in Geographic Information Science, and a B.S. in Anthropology.

Apply: Applications are only accepted online. Please visit https://facultyjobs.kennesaw.edu/postings/406 for complete description and to apply. To guarantee consideration, application materials must be submitted and received by October 21, 2012.

OCT 12-192-1

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/artsandsciences/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

*ILLINOIS, NORMAL

Illinois State University (ISU), Assistant Professor in Urban Geography. The Department of Geography-Geology at Illinois State University invites applications for a tenure-track position at the Assistant Professor level. The preferred starting date is August 16, 2013. A PhD in Geography or a closely related field is required, but ABD candidates will be considered. The department seeks a candidate with a strong potential for scholarly research, publication, and teaching in Urban Geography with emphasis in human-environment interactions and/or GIS. Ability to teach GIS is a plus, as is a willingness to advance the mission of our GEOMAP office. The successful candidate is expected to seek extramural funding. A strong interest and expertise in conducting field-based research also is desired. The potential for a significant startup package exists. Salary is commensurate with qualifications and experience.

ISU is a research-intensive university with an annual enrollment of approximately 20,000 students. ISU is located in the Bloomington-Normal metropolitan area of central Illinois with a population of approximately 150,000. The Department of Geography-Geology offers B.S. degrees in Geography and Geology, and M.S. degrees in Hydrogeology.

Apply: Please send applications to Dr. David Malone, Urban Geography Search Committee, Department of Geography-Geology, Illinois State University, Normal, Illinois, 61790-4400, USA.

Applications should include a cover letter, curriculum vita, statements outlining current and future research interests and teaching philosophy, three letters of recommendation, and all college and university transcripts. Review of applications will begin on November 30, 2012, and will continue until the position is filled. No electronic applications will be accepted; please send hard copies of all required documents. Inquiries about the application process should be directed to Dr. David Malone (dhmalon@ ilstu.edu, 309-438-2692). Additional information about the department and the community can be found at www.geo.ilstu.edu.

Illinois State University is an Affirmative Action University encouraging diversity.

OCT 12-187

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 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

*IOWA, GRINNELL

Grinnell College. Tenure-track position in Global Development Studies (International Development and GIScience), starting Fall 2013. Assistant Professor (Ph.D. preferred); Instructor (ABD) or Associate Professor possible. The successful candidate will teach in the interdisciplinary Global Development Studies Concentration and have the opportunity to contribute to other concentrations (e.g., Environmental Studies, Policy Studies) and possibly to a department. We are looking for someone trained in the social studies with expertise in GIScience and an area of international development. Areas of interest include, but are not limited to, human-environment interactions, health, demography, economic geography, gender, and urban/regional planning. The teaching schedule is five courses over two semesters. In consultation with the successful candidate, the College will assign an appropriate department of appointment.

For complete description and application instructions, please see https://jobs.grinnell.edu. To be assured of full consideration, all application materials should be received by October 12, 2012. Questions about this search should be directed to the search chair, Professor J. Montgomery Roper at GDSSearch@grinnell. edu or 641-269-4343. AA/EOE.

OCT 12-182-1

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 applica-

tion 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 underrepresented 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

*MARYLAND, SALISBURY

Assistant Professor – Geology/Physical Geography. Salisbury University seeks a Tenure-Track Assistant Professor in Geology/Physical Geography. Area of Specialization: Groundwater hydrology, stratigraphy, sedimentology or coastal plain geology preferred.

Primary Job Duties: Teach up to 24 credit hours (or equivalent) per year. This will include undergraduate courses and labs to support the Earth Science major and the Physical Geography tracks within the Geography major; may also include teaching field-based courses. The faculty member is expected to conduct undergraduate research in their field of specialization, challenge undergraduate students with integrated instruction and exploration, and utilize an effective teaching style that supports a diverse student body.

Requirements: A Ph.D. in Geology, Physical Geography or related discipline is required (ABD may be considered). If ABD; would be hired at the rank of Instructor, with the requirement that candidate complete doctoral degree by June 2014.

Applications will be accepted via Salisbury University's Online Employment Application System. Please visit our website http://www.salisbury.edu/HR/Jobs to apply online. See the FAQs of the Online Employment Application System for more information and instructions.

To be considered an applicant, you must apply online and submit the following: 1) a letter of interest, 2) curriculum vitae, 3) evidence of teaching excellence and scholarly publication, 4) academic transcripts (can be a copy), and 5) the names and contact information of at least three (3) professional references.

Note: All documents that you wish to provide must be attached to your application in the Online Employment Application System. Please do not send any other documents via E-mail. If you have any questions about the position, please contact Dr. Brent Zaprowski at bjzaprowski@salisbury.edu.

Applications submitted by January 2, 2013 will receive first consideration. The position will remain open until filled. Salary is competitive and commensurate with qualifications and experience. Appointment will be contingent upon verification of eligibility to work in the U.S. and is expected to begin August 13, 2013.

The Department of Geography and Geosciences at Salisbury University consists of 13 faculty members with specializations in GIScience, Atmospheric Science, Physical Geography, Geology, and Environmental/

Land-Use Planning. The Department offers a B.S. in Earth Science and a B.S. in Geography, as well as a M.S. in GIS Management.

This position is based in Salisbury Maryland. Founded in 1925, Salisbury University is one of 13 institutions that compose the University System of Maryland. Salisbury University is a selective undergraduate institution within the University System of Maryland. The University is close to ocean beaches and the Chesapeake Bay and 2-3 hours from the metropolitan areas of Washington, Baltimore, Philadelphia, and Norfolk. SU has been cited nationally as one of the top ten public regional universities in the North according to the U.S. News and World Report, and has also been recognized by the Princeton Review and Kiplinger's magazine. SU has 388 full-time faculty members serving a student population of approximately 8,600.

Salisbury University has a strong institutional commitment to diversity and is an Equal Opportunity/Affirmative Action employer, providing equal employment and educational opportunities to all those qualified, without regard to race, color, religion, national origin, gender, age, marital status, disability, genetic information, or sexual orientation.

Oct 12-173

*MARYLAND, TOWSON

The Towson University Department of Geography and Environmental Planning seeks a broadly-trained physical geographer with specialization in climatology for a tenure-track, Assistant Professor position starting in August 2013

Applicants should demonstrate a strong commitment to excellence in teaching and working with diverse populations of students. Responsibilities will include supporting the department and our minor in Meteorology by teaching classes in introductory physical geography, meteorology, climatology, climate change, the interaction of society with the environment, and an upper-level elective and/or graduate-level course in the candidate's area of specialization. The successful candidate will be expected to work with geography graduate students and support undergraduate research. Resources include a physical geography teaching laboratory, a weather station, computer laboratories, and two research laboratories for geomorphology and meteorology. There is potential for working with the media studies program to provide students with experience in broadcast meteorology, and NOAA headquarters is located an hour away in

Silver Spring, MD. A Ph.D. is required; ABD will be considered for those expecting to complete the degree by summer 2013.

Founded in 1866, today Towson University is recognized by U.S. News & World Reports as one of the top public universities in the Northeast and Mid-Atlantic regions. Towson is nationally recognized for its programs in the liberal arts and sciences, business, education, communications, health sciences, and the fine and performing arts. The University places a strong emphasis on service learning and civic engagement through such activities as internships, practical, clinical placements, course assignments and student events. As the Baltimore area's largest university and Maryland's Metropolitan University, Towson articulates its research and scholarship mission through partnerships that link the University to the economic, educational and cultural life of the state of Maryland and the mid-Atlantic region. Towson enrolls more than 21,000 students and offers more than 100 bachelors, masters, and doctoral programs in the liberal arts and sciences, and applied professional fields.

Located on a rolling 328 acres, the striking campus is eight miles north of downtown Baltimore and 45 miles from Washington, D.C. The campus and its surrounding cities provide an excellent environment for teaching and supporting the academic pursuits of the 830 full-time faculty who work here. For additional information, visit http://www.towson.edu.

Applicants should submit a cover letter, a CV, two professional reference letters, a copy of any relevant publications, and a recent course syllabus or other teaching materials. In their cover letter, candidates should explain the role they would like to play in our department with respect to the teaching duties explained above, and they should describe their current and future plans for research. The potential for research collaboration exists in fields such as data mining of large climatological data sets, geographic information science, the urban environment, human impacts to the environment, and hydrology.

Apply: the applicant should submit electronic PDF copies of all materials to: Dr. Martin Roberge, geoghire@towson.edu, Chair, Physical Geography Search Committee, Department of Geography and Environmental Planning, Towson University, 8000 York Road, Towson, Maryland 21252-0001.

Upon submitting your Curriculum Vitae to indicate you are an applicant for this position,

please be sure to visit http://www.towson.edu/odeo/applicantdata.asp to complete a voluntary on-line applicant data form. The information you provide will inform the university's affirmative action plan and is for statistical purposes only and shall not be used to illegally discriminate for or against anyone.

Towson University is an equal opportunity/ affirmative action employer and has a strong institutional commitment to diversity. Women, minorities, persons with disabilities, and veterans are encouraged to apply. This position is contingent on the availability of funds at the time of hire.

OCT 12-191

*MASSACHUSETTS. CAMBRIDGE

Post Doctoral Research Associate at the Center for Geographic Analysis (CGA), Harvard University. The primary responsibility of the appointee is to design and implement new spatial reasoning curricula at Harvard College and other schools at Harvard University. The successful candidate will interact with several different faculty members to customize new instructional content. S/he will provide instructional support in four distinct manners: 1) designing new geographic modules for diverse courses, 2) preparing learning materials, 3) training teaching assistants, and 4) providing learning support, including technical support in classrooms and tutorial environments.

Additional responsibilities include enhancing the CGAs highly successful geospatial technology training programs, and contributing to the general geospatial support of teaching, learning, and research across departments and schools at Harvard University.

The successful candidate must have a recent Ph.D. in geography or a related program, with a strong component in geospatial technology, must have excellent oral and written communication skills. Previous teaching experience strongly preferred. Systematic training and hands-on experience in remote sensing is a plus.

The position will remain open until filled. Harvard is an Equal Opportunity/Affirmative Action employer. Minority and women candidates are encouraged to apply. To apply: please send application letter, CV and three recommendation letters to wguan@cga.harvard.edu.

OCT 12-193

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

*MICHIGAN, DEARBORN

University of Michigan-Dearborn. Geography-Urban Specialist. The Department of Social Sciences at the University of Michigan-Dearborn is seeking candidates for a tenure track appointment as an Assistant Professor of Geography effective September 1, 2013. A Ph.D. in geography or a related field is required. Candidates must have a commitment to teaching talented and diverse under-

graduates, expertise in GIS, and a demonstrated ability to sustain a productive research agenda. The position is a joint-appointment in Geography and Urban and Regional Studies and will support the department's growing majors in Social Studies and Urban and Regional Studies, the Geography minor, and the Certificate program in GIS. Teaching load is three courses per semester. The new faculty will be expected to teach urban geography, urban planning, and GIS for social sciences, supported by the university's new Geospatial Analysis Lab. The faculty member would teach additional courses in human geography and urban and regional planning consistent with his/her area of interest.

The University of Michigan-Dearborn currently enrolls approximately 8,900 students in bachelor's and master's degree programs. The University is one of three campuses – along with Ann Arbor and Flint - in the University of Michigan system. Faculty and students have the opportunity to collaborate across all three campuses in research and scholarly activity. UM-Dearborn is located ten miles west of Detroit and thirty-five miles east of Ann Arbor.

The University of Michigan-Dearborn is dedicated to the goal of building a culturally diverse and pluralistic faculty committed to teaching and working in a multicultural environment. We are an equal access/equal opportunity employer and campus community, and do not discriminate on the basis of gender, race, religion, color, age, national origin, disability, veteran or marital status, gender expression, or genetic information.

Applicants should submit a cover letter indicating teaching and research interests, a curriculum vitae, graduate transcripts, writing sample, evidence of teaching effectiveness, and three letters of recommendation. Review of applications will begin November 1, 2012, but applications will be accepted until the position is filled.

Apply: Send all materials to: Chair, Geography Search Committee, Department of Social Sciences, University of Michigan-Dearborn, 4901 Evergreen, Dearborn, MI 48128.

For further program information, please visit: http://www.casl.umd.umich.edu/socialsciences.

The University of Michigan, Dearborn is an equal opportunity-affirmative action employer.

OCT 12-203

*MINNESOTA, MINNEAPOLIS

Assistant/Associate/Full Professor, Population Studies/Demography. The University of Minne-

sota invites applications for multiple open-rank, tenure-track or tenured faculty positions available beginning August 2013. We seek demographers or population researchers with established or emerging lines of high-quality population research who can actively contribute to the research and training missions of the University, the Minnesota Population Center (MPC), and its affiliated academic units. For each position, the tenure home will be in Applied Economics, Geography, History, Public Affairs, Public Health (Epidemiology and Community Health and Health Policy and Management), Sociology or others. The applicant's research may be on any number of substantive areas (fertility, mortality, migration, historical demography, labor force dynamics, household and family dynamics, education and human capital, population and the environment, neighborhoods and urbanization, aging, and population approaches to health disparities and health policy).

Requirements include: a doctoral degree in demography or a discipline closely aligned with population research (e.g., economics, geography, public health, sociology); demographic research and training experiences; a strong publication record in relevant peer-reviewed journals; evidence of potential for obtaining independent external research funding; and evidence of potential for teaching graduate and undergraduate courses on substantive areas within demography.

MPC is a University-wide Center that provides a vibrant and highly collaborative interdisciplinary environment for population researchers from many disciplinary backgrounds (www.pop.umn. edu). The center provides shared infrastructure for demographic research and training and coordinates collaborative research across the University. MPC researchers (who come from 26 academic units across 10 colleges in the University) have long worked to improve the shared data infrastructure that underlies all demographic research. Although best known for its large-scale demographic data infrastructure projects, MPC houses numerous substantive, interdisciplinary research projects on population, health, education, the environment, the labor market, and related issues.

The University of Minnesota is an equal opportunity educator and employer. Applications received by October 15, 2012 will receive full consideration. For complete information and to apply online: http://employment.umn.edu/applicants/Central?quickFind=105011.

OCT 12-172

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 four pdfs 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 (multiple publications should be combined into one pdf for submission). 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 Paleoecology, 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 four pdfs 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 (multiple publications should be combined into one pdf for submission). 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

*MISSOURI, SPRINGFIELD

Missouri State University. The Department of Geography, Geology and Planning invites applications for a tenure-track Assistant Professor of Planning and Human Geography to begin either in January or August 2013. PhD or ABD in Geography, Planning, or a closely related field required at time of appointment. A research agenda as well as a commitment to teaching and service are required. Must be able to facilitate a work environment that encourages knowledge of, respect for, and development of skills to engage with those of other cultures or backgrounds. Demonstrated knowledge and understanding of multicultural and diversity issues required.

The Department grants undergraduate degrees in geography, planning, geospatial science, geology, and earth science education and an MS in Geospatial Science in Geography and Geology. The successful applicant will actively contribute to the undergraduate PAB accredited planning program and the newly established geotourism geography program. The candidate is also expected to teach both introductory and upper level courses in both planning and human geography. AICP certification or eligibility to apply for AICP certification within four years is expected.

Apply online at http://www.missouristate. edu/academicopenings. Attach a letter of application, curriculum vitae, detailed research plan, and contact information for 3-5 professional references to the electronic employment application. The evaluation of applications will begin October 15, 2012 and will continue until a successful candidate is found. Further information can be obtained at (417) 836-5800 or fax to (417) 836-6006, or visit our web site at http:// geosciences.missouristate.edu/.

Missouri State University is an affirmative action/equal opportunity institution. The University is dedicated to the goal of building a culturally diverse and inclusive faculty and staff committed to teaching and working in a multicultural environment and strongly encourages applications from women, persons for underrepresented ethnic and racial groups, individuals with disabilities and covered veterans. Employment will require a criminal background check at University expense.

OCT 12-188

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

www.aaq.org

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 JERSEY, GLASSBORO

The Department of Geography and Environment in the College of Humanities and Social Sciences at Rowan University is seeking applicants to fill a tenure-track faculty position in Human Geography with Environmental focus beginning September 1, 2013. We are seeking an innovative and broadly trained candidate who can energetically serve both the environmental studies and geography degree programs. The successful candidate will also be expected to develop an active research program involving undergraduates that will have significant potential for external funding. Opportunities exist to collaborate with faculty from within the College of Humanities and Social Sciences and across the university. Participation in both departmental and university service is also

Qualifications: Candidates should have: 1) A Ph.D. in Geography, Environmental Studies, or a related discipline such as Human Ecology, completed by September 1, 2013; 2) Demonstration of excellence in teaching and ability to incorporate instructional technology into the classroom, prior experience in online teaching is preferred; 3) The ability to teach courses such as Environmental Studies: Social Perspective, Introduction to Planning and Environmental Design, Population Geography, Urban Geography, and Cultural Geography. Development of advanced courses in the candidate's area of expertise is also welcome.

Starting Date is September 1, 2013. Salary is Competitive.

Rowan University is a comprehensive public institution that values high-quality teaching, scholarship, and service. Although our current enrollment is more than 11,000 students, our classes are small (20-30 students) and emphasize project-based and interdisciplinary approaches to learning. Research is supported by the university through travel support, internal grants, and load adjustment, although the candidate

is expected to pursue external funding. Salary is competitive, and faculty positions fall under the State of New Jersey & AFT Collective Bargaining agreement. Rowan University ranks in the top tier of universities in the region. Less than 20 miles from Philadelphia, the area offers a variety of attractive urban and suburban living options. For more information about Rowan University and the Department of Geography and the Environment, please visit http://www.rowan.edu/geography.

All positions are contingent upon budget appropriations. Rowan University values diversity, and is committed to equal opportunity.

Applications will be accepted until January 15, 2012 and must include letter of interest, curriculum vitae, graduate transcripts, statement of teaching philosophy, course evaluations, a description of research interests with plans for continuing this work at Rowan, and names and contact information of three references. Letters of recommendation must be provided upon request.

Apply: Applications are preferably submitted electronically to hasse@rowan.edu or in hard copy to Dr. John Hasse, Department of Geography and Environment, Rowan University, 201 Mullica Hill Road, Glassboro, NJ 08028 (telephone 856-256-4812).

OCT 12-185

*NEW JERSEY, SOUTH HACKENSACK

Ethnic Technologies is seeking a Sales and New Business Development Associate. As the leading provider of multicultural marketing data, ethnic-related software and ethnic data appending services, our experts are constantly learning about the interaction of people by studying their names and geography. An ideal candidate is also interested in History, Sociology, Demography and Culture. Qualifications and Skills: Familiarity or a strong interest in other cultures and languages; Solid track record of sales and objective achievements with demonstrated results; Self-starter who can work relatively independently; Excellent written and verbal communication skills. Being bilingual (e.g. in Spanish) is desirable, but not required.

To apply, please e-mail your cover letter and resume to: Zachary. Wilhoit@ethnictechnologies.com.

OCT 12-197

*NEW YORK, ALBANY

Assistant Professor Geography & Planning. The Department of Geography and Planning at the University at Albany invites applications for

a tenure-track, assistant professor position specializing in geographical remote sensing of the physical environment for appointment in September 2013. Required qualifications include: 1) a doctoral degree in geography at the time of appointment and 2) the ability to teach remote sensing courses at the graduate and undergraduate levels. Preference will be given to those candidates demonstrating interest and ability in acquiring external funding for theoretical and/or applied research in remote sensing of the environment. A detailed job description and instructions on how to apply can be found at http://albany.interviewexchange.com/jobofferdetails.jsp?JOBID=34298.

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

OCT 12-194

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@cpg.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

*NORTH CAROLINA, GREENVILLE

The Urban and Regional Planning Program in the Department of Geography, East Carolina University, is seeking to fill a tenure-track position at the rank of Assistant Professor beginning August 2013. The successful candidate will teach core planning courses and electives at the graduate and undergraduate levels. Primary research and teaching interests are sought in environmental planning, coastal planning and management, or landscape and land use planning. Ph.D. in planning or related field required. Preference for candidates with AICP or ASLA certification, teaching experience, a productive publication record, and evidence of funded research potential.

Salary is competitive and commensurate with experience. The Urban and Regional Planning Program (http://www.ecu.edu/plan/) offers a B.S. degree in urban and regional planning.

Apply: complete a candidate profile and submit a letter of application, description of teaching interests and research agenda, names for three letters of reference, and curriculum vitae online at www.jobs.ecu.edu (vacancy # 936419). For questions, contact Dr. Tom Allen, search committee chair, allenth@ecu.edu or 252-328-6624. Screening will begin November 7, 2012.

Applications will be accepted until the position is filled. East Carolina University is an Equal Opportunity/Affirmative Action University that accommodates individuals with disabilities. Proper documentation of identity and employability is required at the time of employment.

OCT 12-207

*OHIO, BOWLING GREEN

Remote Sensing, Bowling Green State University. The School of Earth, Environment &

Society at Bowling Green State University invites applications for a tenure-track Assistant/ Associate Professor in Remote Sensing beginning August, 2013. The school is comprised of the Departments of Geography, Geology, and Environment & Sustainability. We are seeking a person with research experience and teaching interest that is focused on the application of remote sensing to the broad field of energy resources, including exploration, development and environmental stewardship. The position will be filled at the Assistant or Associate Professor level.

Applicants must be committed to teaching courses related to energy resources and demonstrate ability and commitment to develop an independent externally funded research program. Salary for the position is competitive and commensurate with peer institutions for rank and position and in keeping with candidate experience and credentials. Extensive facilities to support research and teaching in GIS/Remote Sensing can be found at http://www.bgsu.edu/departments/sees/.

Applicants must have a Ph.D. from an accredited university. Candidates should send as a single PDF file with the following: a letter of application, curriculum vitae, statements of research and teaching interests, and the names of three references to Dr. Peter Gorsevski, Chair, Faculty Search Committee, School of Earth Environment & Society, Bowling Green State University, Bowling Green, OH 43403 or peterg@bgsu.edu. Finalists must provide a transcript for the highest degree. Applications must be postmarked by December 14, 2012. BGSU is an AA/EO institution. Background check required for employment.

OCT 12-204

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 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

*OHIO, OXFORD

Miami University. The Department of Geography and the Institute for the Environment and Sustainability seek a tenure-track Assistant Professor in planning and sustainability to begin August 2013. The successful candidate will teach courses on urban development and sustainability, and upperdivision courses on advanced planning techniques as they relate to the urban environment; initiate and maintain an active research agenda; engage students in community-based learning; and connect these to effective service. Required: Ph.D. (by date of appointment) in geography or urban planning or cognate design field, and expertise in planning principles/techniques and their application to sustainability issues. Desired qualifications include demonstrated excellence in the classroom; record of scholarship and publication; potential to attract extramural research funds; and capacity for engaged service on and off campus. Candidates should document any professional or other policy-relevant experience, technical skills in GIS or design, and should convey enthusiasm for community engagement in U.S. or international

Apply: Send curriculum vitae; letter describing scholarly, teaching, and service interests;

and three letters of recommendation to Dr. David Prytherch, Search Committee Chair, Department of Geography, Miami University, Oxford, OH 45056; contact phone is 513-529-5010, fax is 513-529-1948; email geography@muohio.edu.

Screening of applications begins November 1, 2012 and will continue until the position is filled. For more information on Miami University's Department of Geography, visit http://www.muohio.edu/geography; about the Institute for the Environment and Sustainability visit http://www.cas.muohio.edu/ies/.

Miami University, an EOE/AA employer with smoke-free campuses, is seeking to increase the diversity of its workforce and encourages applications from minorities, females, veterans and individuals with disabilities. Right to Know – Consumer Information –http://www.miami.muohio.edu/about-miami/publications-and-policies/student-consumer-info/index.html. Hard copy upon request.

OCT 12-190-1

OKLAHOMA. STILLWATER

Oklahoma State University. The Department of Geography invites applications for a tenuretrack 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

*PENNSYLVANIA, CARLISLE

Dickinson College invites applicants for a tenure-track position in Environmental Science in our Environmental Studies Department, commencing July 1, 2013. The successful candidate will be strongly interdisciplinary, with primary training in the natural sciences with a focus on aquatic systems. S/he will be expected to initiate an active research agenda, engage students in research, provide opportunities for servicelearning, and build on our strong communitybased research programs. The faculty member will be expected to teach a section of our introductory environmental science course, offer an intermediate-level course on management and analysis of the aquatic environment, contribute to our First Year and senior seminar course offerings, and offer courses in his/her area of interest, all in rotation with existing faculty. We would welcome a focus in watershed management, water resources, limnology, aquatic systems restoration, wetlands ecology, freshwater ecology, estuarine studies, water pollution science, or other related fields. The Ph.D. is required.

Dickinson College is a highly selective liberal arts college in South Central Pennsylvania with a national reputation for leadership in global and sustainability education. The Environmental Studies Department is one of the oldest in the nation, offering a wealth of research and co-curricular opportunities. The candidate will be expected to work closely with the Alliance for Aquatic Resource Monitoring (ALLARM), a co-curricular project of the Environmental Studies Department (http://www.dickinson.edu/allarm).

Applications should include a statement of interest, curriculum vitae, a brief statement (no

more than 500 words) of your personal teaching philosophy, and contact information for three references. Application materials should be submitted at: https://jobs.dickinson.edu. Further inquiries may be forwarded to Professor Ashton Nichols, nicholsa@dickinson.edu. Review of candidates will begin on November 15 and continue until December 15, 2012. Dickinson College is committed to diversity, and we encourage candidates who will contribute to meeting that goal to apply. Applications and nominations of women and minorities are strongly encouraged.

NOV 12-210

*PENNSYLVANIA. LANCASTER

Franklin & Marshall College, Environmental Studies. Applications are invited for a tenure track faculty appointment as Instructor or Assistant Professor of Environmental Studies, beginning in July 2013. The successful candidate will teach the following undergraduate courses: a core introductory course in Environmental Studies (ENV 117), a mid- to upperlevel policy course, and mid- or upper-level courses in the applicant's specialty. A senior seminar for Environmental Studies majors is desirable. Teaching may include participation in the College's general education "Foundations" or First Year Seminar programs. The candidate should have an active research program in an area of broad interest in a liberal arts college environment, for example, in land use, energy policy, water resources, air quality, climate policy or agricultural policy; but the department is seeking the strongest candidate in any environmental studies specialty that supplements departmental strengths. Teaching load is 3/2. A Ph.D. in hand by 1 July 2013, teaching experience, and an ongoing program of scholarly research involving undergraduates where this is possible and appropriate, are required.

Apply: Please send letter of application, curriculum vitae, graduate transcripts, (undergraduate transcript optional), three letters of recommendation, teaching statement, research statement and teaching evaluations to: James E. Strick, Chair, Department of Earth and Environment, Franklin & Marshall College, P.O. Box 3003, Lancaster, PA 17604-3003. Application materials may be sent electronically to envjobs@fandm.edu or by fax to (717) 291-4186. Review of applications will begin on November 15, 2012.

Franklin & Marshall College is committed to having an inclusive campus community, and as an Equal Opportunity Employer, does not dis-

criminate in its hiring or employment practices on the basis of gender, race or ethnicity, color, national origin, religion, age, disability, family or marital status, or sexual orientation. EOE

NOV 12-211

*PENNSYLVANIA, LEWISBURG

Bucknell University's Latin American Studies Program invites applications for a full-time, tenure track position in Latin American Studies to begin August 2013. PhD at time of appointment is preferred. ABD status is required. The successful candidate will be a Latin Americanist with interests in interdisciplinary work in the Social Sciences and/or Arts and Humanities, a commitment to undergraduate teaching, potential for excellent scholarly or artistic work in Latin American Studies, research and/or teaching experience in Latin America, and fluency in Spanish and/or Portuguese. While we intend to hire at the Assistant Professor rank. outstanding senior candidates will be given full consideration. Senior candidates with sufficient experience may be considered for hire with tenure pending approval of departmental and university committees.

This position is open to any discipline and field of specialization within Latin American Studies. If all other criteria are equal, particular consideration will be given to candidates who evidence a specialization in one or more of the following: political/economic/historical perspectives on Latin America, Brazil, Afro-Latin American cultures, social movements, subregional studies, intellectual or religious currents.

Applications must be made online at: www. bucknell.edu/jobs. Online applications require a cover letter, CV, a teaching portfolio (including teaching philosophy, sample syllabi, and course evaluations), a research portfolio (including a statement on the candidate's scholarly agenda and one writing sample), and three letters of reference.

More detailed guidelines on submissions can be found at the Jobs at Bucknell website listed above. Review of applications will begin on October 15, 2012 and will continue until the position is filled.

Bucknell University values a diverse college community and is committed to excellence through diversity in its faculty, staff and students. Bucknell University welcomes applications from women and minority candidates. Bucknell University is an EEO Employer.

For additional information on Bucknell University, see www.bucknell.edu.

Apply Here: http://www.Click2Apply.net/d85wmk7.

OCT 12-181

*PENNSYLVANIA, LEWISBURG

Bucknell University is seeking to fill a tenure track position (open rank without tenure) in the Department of International Relations, beginning in August 2013. Duties and Responsibilities: The successful candidate will teach a five course annual load. The successful candidate should (1) have teaching and/or research strengths in one or more of the following areas: globalization, global governance, North-South relations, and race and/or minority issues, (2) be qualified to teach Theories of International Relations and/or Globalization, and (3) be able to teach courses that could be listed under our Development and Sustainability and/or Global Governance and Conflict Resolution tracks. Individuals specializing in the Caribbean, Africa, the Middle East, or West/Central Asia are encouraged to apply. Applications from individuals with strengths in critical and other non-traditional approaches to understanding international relations and international political economy are encouraged. An interest in developing interdisciplinary courses that would appeal to a broad university audience is desirable.

Minimum Qualifications: For an entry-level hire, Ph.D. at time of appointment is preferred.

Appointment at the associate or full professor rank will be considered for outstanding candidates with demonstrated success in undergraduate teaching and a record of research consistent with the teacher-scholar model. Qualified applicants will be ABD or possess a PhD in International Relations/Affairs, Political Science, Economics, or Geography. Other relevant interdisciplinary PhD degrees will be considered.

Job Requirements: Applications must be made online at: www.bucknell.edu/jobs. Online applications require a cover letter, CV, a teaching portfolio (including a teaching philosophy, sample syllabi, and course evaluations [statement of teaching philosophy]), research portfolio (including a statement on the candidate's scholarly agenda and one article- or chapter-length writing sample [statement of research interest]), and three letters of reference. Full consideration will be given to candidates whose materials, including reference letters, are received by October 15.

For additional information about Bucknell University, please see www.bucknell.edu. For

more about the department, please visit http://www.bucknell.edu/x1130.xml. Bucknell University believes that students learn best in an inclusive community and is therefore committed to excellence through diversity in its faculty, staff, and students. Thus, we seek candidates with a commitment to helping create a climate that will foster the success of students with diverse identities. Bucknell University welcomes applications from members of underrepresented groups.

Apply Here: http://www.Click2Apply.net/8jz6xdk.

OCT 12-174-1

*PENNSYLVANIA, LEWISBURG

The Environmental Studies Program at Bucknell University invites applications for an assistant professor position in environmental humanities to begin August 2013. The successful candidate will bring a strong background in humanistic aspects of environmental studies to a well established interdisciplinary undergraduate program and facilitate the incorporation of humanities into the core of the curriculum. Candidates should have a PhD in humanistic environmental studies or a humanities discipline with a clearly evident environmental focus. A completed PhD at time of appointment is strongly preferred, but ABD candidates will be considered. A strong commitment to undergraduate teaching and demonstrated potential for excellent scholarly work in environmental humanities are also required. The person chosen to fill this position will teach 5 courses per year including contributions to the 3-course core sequence in the curriculum. Additional courses will include offerings in the candidate's area of expertise as well as periodic introductory courses for non-majors. More information about the environmental studies curriculum can be found at http://www.bucknell.edu/x46096.xml.

Applications must be made online at: www. bucknell.edu/jobs. Online applications require a cover letter, CV, a teaching portfolio (including teaching philosophy, sample syllabi, and course evaluations), a research portfolio (including a statement on the candidate's scholarly agenda and one writing sample), and three letters of reference. More detailed guidelines on submissions can be found at the Jobs at Bucknell website listed above. Review of applications will begin on November 1, 2012 and will continue until the position is filled.

Bucknell University values a diverse college community and is committed to excellence through diversity in its faculty, staff and students.

Bucknell University's integrated environment for student learning and growth supports the goal of diversity and builds connections to a global society.

Apply Here: http://www.Click2Apply.net/5gdk7zd.

OCT 12-189

*PENNSYLVANIA, MANSFIELD

Geography/Geology tenure-track Instructor or Assistant Professor (f13-TT-2012). Responsibilities: Assist in supervising our undergraduate concentration in Environmental Science. Teach Physical Geography, Physical Geology, Weather & Climate and some combination of Map & Air Photo Interpretation, Geomorphology or Environmental Geology. Opportunity exists to develop classes in applicant's specialty. Develop and assess student learning outcomes for courses taught.

Minimum requirements: Physical Geographer with an earned doctorate in Geography or a closely related field from a regionally accredited (or foreign equivalent) university, with some background in Geology. Prior teaching or research experience (will include graduate teaching or research assistantship), and completion of a successful interview which includes a teaching demonstration required. An exceptional ABD candidate will be considered but must complete the doctorate within 18 months of hire to continue in position.

Additional Qualifications: Ability to adapt to changing technologies that support teaching and learning; excellent communication skills (both verbal and written); the ability to teach, evaluate, and advise students; evidence of relevant scholarly activity; ability to work collaboratively with others; and demonstration, through past accomplishments and behaviors, of the ability to support Mansfield University's principles and values of Character, Scholarship, Culture, Service (http:// www1.mansfield.edu/mansfield-creed) and the University's strong student-centered vision and mission. Demonstration, through past accomplishment, of the ability to motivate and mentor students. Preferred: Knowledge of the natural gas industry. Other conditions of employment require verification of all earned degrees through the receipt of original transcripts and an acceptable background check report.

Essential Functions: Teaching and advising, continued scholarly growth, and service to the department, university, and community. Effective communication and use of electronic teaching technology. Work cooperatively with staff,

faculty and administration. Ability to use software application programs such as word processing, spreadsheets, e-mail and effective use of phone, keyboard and other office equipment. May be required to lift, stand, walk, reach with arms, etc.

Status: Full-time, tenure track, position with an anticipated start date of August 2013. Instructor or Assistant Professor rank. Salary is competitive and dependent on qualifications and experience. Excellent faculty benefits: http://hr.mansfield.edu/benefits.htm.

Application Procedure: Submit via electronic application (http://mansfield.edu/hr/employment-opportunities/) a letter of interest that addresses how your qualifications/skills meet the department's needs as detailed by the position description. Other reasons for interest in this particular position may be provided. Include a statement of teaching philosophy and research interests; materials that provide evidence of effective teaching; curriculum vita; copies of undergraduate and graduate transcripts; and the names, addresses, emails and telephone numbers of three professional references. Review of applications begins October 15, 2012 and will continue until position is filled.

Setting: Located in the beautiful mountains of rural, north central Pennsylvania, Mansfield University is a member of the Pennsylvania State System of Higher Education, currently enrolling approximately 3,200 students, including more than 400 graduate students. Founded in 1857 as Mansfield Classical Seminary, Mansfield University is proud of its long tradition of preparing excellent teachers, as well as its more recent role as a public liberal arts university focused on leadership development. The university is located within Tioga County, home to five state and federal parks, seven lakes, and the 50-mile long gorge of the Pennsylvania Grand Canyon. The university is an hour south of the Finger Lakes wine region of upstate New York. www.mansfield.edu.

OCT 12-205

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 12-131-3

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.environ.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

*TENNESSEE, KNOXVILLE

The University of Tennessee Department of Geography invites applications for a 9-month, tenure-track position at the Assistant Professor level beginning in August 2013. We seek a new faculty member in Physical Geography and Climatology with research that complements and enhances existing departmental strengths. Specific areas of research could include (but are not limited to): climate change and variability, paleoclimatology, landscape climatology, and linkages between climate and human society. PhD in Geography or closely allied field required at time of appointment.

Candidates should have a strong commitment to research in climatology and physical geography, be capable of securing external funding, and be capable of high-quality teaching at the undergraduate and graduate levels. The successful candidate will join a dynamic department characterized by strong mutual support, shared governance, careful strategic planning, many shared research interests, excellent facilities, a tradition of internal and external collaboration, and collaborative ties to Oak Ridge National Laboratory. The department has a vibrant undergraduate program and strong MS and PhD programs. The Department of Geography occupies the Burchfiel Geography Building, at the heart of the campus, and additional research space in the Science and Engineering Research Facility and the Claxton Education Building. To learn more about the department, visit: http:// web.utk.edu/~utkgeog/.

Applicants should send a letter of application highlighting their qualifications for the position, separate teaching and research statements, and a curriculum vitae, and arrange to have three letters of reference sent. Electronic applications are preferred and all files should be emailed to Ms. Norma Galyon (ngalyon@ utk.edu). All inquiries should be directed to Dr. Henri D. Grissino-Mayer, Search Committee Chair, Department of Geography, University of Tennessee, Knoxville, TN 37996-0925 (grissino@utk.edu). Review of applications will begin November 1, 2012. but applications will be accepted until the position is filled. The Knoxville campus of the University of Tennessee is seeking candidates who have the ability to contribute in meaningful ways to the diversity and intercultural goals of the University.

The University of Tennessee is an EEO/AA/Title VI/Title IX/Section 504/ADA/ADEA institution in the provision of its education and employment programs and services. All qualified applicants will receive equal consideration for employment without regard to race, color, national origin, religion, sex, pregnancy, marital status, sexual orientation, gender identity, age, physical or mental disability, or covered veteran status.

OCT 12-184

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 upperlevel 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, includ-

ing 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 at Middlebury College invites applicants for a newly created GIS Teaching Fellows Program, designed to encourage the expansion of GIS instruction across the liberal arts curriculum. We seek recent doctoral recipients or advanced ABD candidates from any academic discipline who have applied GIS in their doctoral research and have demonstrated excellence in undergraduate teaching. Middlebury's GIS Teaching Fellows will be appointed to a nine-month term, to begin in September 2013. In the fall semester, Fellows will assist Geography Department faculty in teaching the department's Fundamentals of GIS course. In addition, Fellows will participate in a weekly seminar focused on GIS pedagogy, during which each Fellow will develop a new GIS-based course related to his or her area of expertise. In the spring semester, the Fellows will jointly teach the Fundamentals course and their own newly developed courses. Teaching Fellows will be expected to be resident at Middlebury College from September through

Middlebury College is a top-tier liberal arts college with a demonstrated commitment to excellence in faculty 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.

Review of applications will begin November 1 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.

Apply: Through Interfolio, please submit a letter of application addressed to Professor Jeff Howarth, Teaching Fellows Search Chair, along with a current curriculum vitae, a one-to two-page description of a new GIS-based course with an applied or disciplinary focus, and three letters of recommendation, at least two of which address teaching ability. More information at: https://secure.interfolio.com/apply/15005.

OCT 12-201

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://apptrkr.com/266540.

SEP 12-153

WISCONSIN, OSHKOSH

University of Wisconsin Oshkosh seeks tenuretrack 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 finding, 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

*WYOMING, LARAMIE

The Wyoming Geographic Information Science Center at the University of Wyoming invites applications for the position of Assistant Director, with a joint nine-month academic appointment at the Assistant Research Scientist level in the Department of Geography. We seek a team-oriented scientist/manager committed to fostering collaborative environments to support the Center's mission to advance the knowledge and application of geographic information science and technology in academia, government and business throughout Wyoming, the Rocky Mountain West and beyond.

Full details on the position and application process are available at: http://www.uwyo.edu/hr/hremployment/showjob.asp?jobid=13246. Applications received by October 8, 2012 are guaranteed full consideration and the position will remain open until filled. The preferred start date for this full-time extended-term appointment is January 1, 2013.

The University of Wyoming is an EEO/AA employer. UW is dedicated to ensuring a safe and secure environment for our faculty, staff, students and visitors. To achieve that goal, a background investigation will be conducted on the successful candidate prior to employment. For further information and informal inquiries, please contact Jeff Hamerlinck (jeff. hamerlinck@uwyo.edu).

OCT 12-202-1

INTERNATIONAL

*CANADA, LONDON

The Department of Geography at Western University, London, Ontario, Canada is seeking a faculty member at the rank of Assistant Professor (probationary) or Associate Professor (probationary or tenured) in the area of Development Geography.

We seek an outstanding individual with demonstrated commitment to excellence in research, teaching and service. The candidate must have (or be near completion of) a PhD and a strong record of scholarly activity and shown leadership in their research area. The candidate should be capable of supervising graduate student research, teaching graduate and undergraduate students, obtaining external funds and conducting research on international development. All faculty are expected to participate in administrative committees at the level of the department, faculty and/or university, including service external to the university.

Candidates who can complement areas of Departmental and Faculty strength - such as environment, development and health; urban studies; and population and migration - are particularly encouraged to apply. Regional specialization is open to any area of Asia, Africa, or Latin America and the Caribbean. Working relationships with organizations in relevant fields is also desirable.

The appointment will be effective July 1, 2013. The appointment is subject to final budgetary approval. Salary will be commensurate with experience. Further information about the Department may be found at: http://geography. ssc.uwo.ca.

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

Closing date: November 30, 2012 or until position is filled. E-mailed applications will not be accepted. This position is subject to budgetary approval.

Applicants should have fluent written and oral communication skills in English. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. Western University is committed to employment equity and welcomes applications from all qualified women and men, including visible minorities, aboriginal people and persons with disabilities.

OCT 12-206

*CANADA, MISSISSAUGA

The Department of Geography at the University of Toronto Mississauga (UTM) invites applications for a tenure-stream position in Physical Geography at the rank of Assistant Professor, effective July 1, 2013.

The Department seeks a candidate with a strong background and research experience that falls broadly in the field of climatology. Specific research interests could include, but not be limited to, physical climatology, micrometeorology, biometeorology, climate change, climate modelling, and/or regional downscaling. Research interests that complement existing strengths in biogeosciences and ecohydrology would be considered an asset. The candidate is expected to develop a research programme that integrates field and modellingbased approaches. The successful candidate must have a Ph.D. in Geography or a very closely related field, and evidence of excellence in scholarly research, publication, and teaching.

The appointment will be at UTM, which has a strong interdisciplinary commitment to teaching and research, a multicultural student body of 11,000 students, and a modern, spacious campus, where the appointee will be expected to develop an externally funded research program. The successful candidate will also hold a graduate faculty appointment in the tri-campus Department of Geography and Program in Planning at the University of Toronto, a department with strengths and interdisciplinary linkages in physical and human geography and the environment. Active participation in the UTM Geography and Environment undergraduate programs, as well as in the

www.aaq.org

graduate program of the Department of Geography and Program in Planning is expected.

All qualified candidates are invited to apply through the University of Toronto Mississauga (UTM) careers website http://www.hrandequity.utoronto.ca/careers.htm. Applications should include a curriculum vitae, a statement outlining current and future research interests, examples of publications, and materials relevant to teaching experience. All Materials must be received by October 31, 2012 (no email applications will be accepted). Any inquiries about the application should be sent to the Department Chair, Professor Kathi Wilson, at geography.utm@utoronto.ca. All application materials should be submitted online. The UofT application system can accommodate up to five attachments (10 MB) per candidate profile; please combine attachments into one or two files in PDF/MS Word format.

Submission guidelines can be found at: http://uoft.me/how-to-apply.

Applicants should also ask three referees to send letters directly to the department via email geography.utm@utoronto.ca by the closing date. Additional information on the Department can be obtained online at www.utm. utoronto.ca/geography/.

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

OCT 12-178-1

*CANADA, MISSISSAUGA

The Department of Geography at the University of Toronto Mississauga (UTM) invites applications for a full-time teaching stream faculty position in Human Geography at the rank of Lecturer, effective July 1, 2013. The Department seeks a candidate with a PhD in Human Geography and demonstrated excellence in teaching in one or more of the following areas: political geography, social geography, population geography, and/or historical geography. The successful candidate will be expected to make a strong contribution to the Department's Human Geography undergraduate program and to contribute to teaching of introductory as well as advanced undergraduate

courses. Demonstrated leadership in experiential learning strategies, scholarly engagement in pedagogy, and experience in the development of undergraduate mentorship activities will all be considered major assets for this position.

Salary will be commensurate with qualifications and experience. The appointment will be at UTM, which has a strong interdisciplinary commitment to teaching and research, a multicultural student body of 11,000 students, and a modern, spacious campus. Appointments at the rank of Lecturer may be renewed annually to a maximum of five years. In the fifth year of service, Lecturers shall be reviewed and a recommendation made with respect to promotion to the rank of Senior Lecturer. Success in promotion depends on achieving excellence in teaching and promise of continued professional development.

All qualified candidates are invited to apply through the University of Toronto Mississauga (UTM) careers website http://www.hrand-equity.utoronto.ca/careers.htm. Applications should include a cover letter, curriculum vitae, a teaching dossier (including course outlines, evaluations, and a statement regarding teaching philosophy and innovation), and a statement outlining current and future research interests.

All materials must be received by October 31, 2012. Any inquiries about the application should be sent to the Department Chair, Professor Kathi Wilson, at geography.utm@utoronto. ca. All application materials should be submitted online. The UofT application system can accommodate up to five attachments (10 MB) per candidate profile; please combine attachments into one or two files in PDF/MS Word format. Submission guidelines can be found at: http://uoft.me/how-to-apply.

Applicants should also ask three referees to send letters directly to the department via email geography.utm@utoronto.ca by the closing date.

Additional information on the Department can be obtained online at http://utm.utoronto.ca/geography.

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

OCT 12-179-1

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 rapidlygrowing 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; greene@ 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 (greene@alcor.concordia.ca). For additional information, please visit our website at artsand-science.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 tenuretrack 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

*CANADA, TORONTO

The Department of Geography (in the Faculty of Arts) invites applications for a tenure-track position in Environment and Urban Sustainability at the Assistant Professor rank. A PhD (or equivalent) in Geography or a closely related field is required by time of appointment. The position will be effective August 1, 2013, subject to final budgetary approval. The position targets candidates specialized in Environment and Urban Sustainability with knowledge of quantitative analysis and is part of the Department's newly formed program in Environment and Urban Sustainability (EUS).

The Department of Geography offers two undergraduate programs (Geographic Analysis and EUS) that each lead to a Bachelor of Arts (BA) and offers a graduate program leading to a Master of Spatial Analysis (MSA). Faculty members also contribute to interdisciplinary programs including Environmental Applied Science and Management, Immigration and Settlement Studies, and Policy Studies. The Department also offers three GIS certificates and has ties to the Centre for the Study of Commercial Activity and the Centre for Immigration and Settlement. The successful candidate will be encouraged to develop ties to the graduate program in Environmental Applied Science and Management.

Experience in establishing research partnerships with private and/or public sectors is beneficial. The successful candidate will have opportunities to teach at both undergraduate and graduate levels, contribute to the EUS program through effective teaching, research, and supervision, develop an externally-funded research program, and demonstrates an active publication record.

Ryerson is a thriving public university located in downtown Toronto, Canada, and has a full-time registration of nearly 28,000 undergraduate and 2000 graduate students as well as 61,000 continuing education registrations. For more information about the Geography Department see http://www.geography.ryerson.ca.

Review of applications will begin December 3, 2012 and will continue until the position is filled. Applicants should submit curriculum vitae, statements of research and teaching inter-

ests, samples of recent publications, and the names and contact information (e-mail address and telephone numbers) of five referees who may be contacted. Please note that applications by fax or e-mail cannot be accepted.

Apply: Applications/Inquires can be sent to: Dr. Brian Ceh, Chair, Department of Geography, Ryerson University, 350 Victoria Street, Toronto, Ontario, M5B-2K3, e-mail: bceh@geography.ryerson.ca.

The position falls under the jurisdiction of the Ryerson Faculty Association (RFA). The RFA collective agreement can be viewed at: http://www.ryerson.ca/teaching/employment_resources/rfa.html. The RFA's website can be found at: http://www.ryerson.ca/~rfa/. A summary of RFA benefits can be found at: http://www.ryerson.ca/hr/benefits/benefits_by_group/rfa/

Ryerson University is strongly committed to fostering diversity within our community. We welcome those who would contribute to the further diversification of our faculty and its scholarship including, but not limited to, women, visible minorities, Aboriginal people, persons with disabilities, and persons of any sexual orientation or gender identity. All qualified candidates are encouraged to apply but applications from Canadians and permanent residents will be given priority.

OCT 12-195

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

*GERMANY, COLOGNE

The faculty of Mathematics and Natural Sciences of the University of Cologne invites applications for a tenured position as a Professor (W2) in Human Geography with a starting date of April 1, 2013. This position comprises tasks in teaching and research in the areas of urban geography and regional planning. The successful candidate will further strengthen the institute's profile in its core competency areas of "Urban Spaces and Regional Planning" and "Research on Human-Environmental Interactions." Methodologically, experience is required in the areas of qualitative and quantitative empirical social research methods and statistical data analysis. Teaching obligations will involve courses for students from all existing types of degrees offered by the Institute (e.g. BA, BSc, MSc, PhD).

The University of Cologne is an equal opportunity employer. Applications from women and disabled persons are particularly welcome.

Apply: Applicants should send a CV, proof of qualifications, lists of publications and teaching experience, their five most important publications since 2008, a concise statement of current and future research interests, a list of successfully acquired third-party funds, and references to the Dean of the Faculty of Mathematics and Natural Sciences of the University of Cologne, Albertus Magnus Platz, 50923 Cologne, Germany. Email: mnf-berufungen@uni-koeln.de.

Closing date for applications is October 12, 2012.

OCT 12-175-1

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 interests 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

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/photo competition 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.

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.

Grants & Competitions

IGU Travel Grants

The AAG has received funding from the National Science Foundation (NSF) to defray the expenses of participation by U.S. scientists in the International Geographical Union Conferences from 2012 through 2016. For the next conference, to be held in August 4-9, 2013, in Kyoto, Japan, the AAG will provide approximately thirty travel grants: fifteen grants of \$1,250 each to junior scholars, including graduate students, and fifteen awards of \$1,000 each to senior scholars. Women and minorities are encouraged to apply. Please note that the deadline for abstract submissions for the 2013 Kyoto Conference is **January** 15, 2013. For details of this award including application procedures see www.aag.org/grantsawards/igutravel.

SEES Coastal Sustainability and Fellows

The National Science Foundation (NSF) has initiated a program on Science, Engineering, and Education for Sustainability (SEES) and is now soliciting proposals for research regarding coastal sustainability. The proposal deadline is **January 17**, **2013**. NSF expects to make this an annual solicitation.

An integral component of all proposals should be the communication of outcomes and connections to related national and international activities where applicable. Research findings and approaches should

have broad application and transferability of knowledge. The Coastal SEES Program seeks proposals that create inter/trans-disciplinary research teams. Total anticipated funding for the solicitation is \$15 million.

The SEES program is also accepting applications for fellowships. The deadline is **November 26**, **2012**. Both solicitations are available at www.nsf.gov.

For further information contact Susan Sterret, Program Director, Social, Behavioral and Economic Sciences; Phone: (703) 292-7267; E-mail: ssterett@nsf.gov.

Demography Research Grants

The Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD) is seeking to increase the pace and impact of research within the mission of its Demographic and Behavioral Sciences Branch by providing research infrastructure to population science centers. Three types of research infrastructure will be supported: (1) Research support cores which provide administrative and technical support; (2) Developmental infrastructure cores which increase the scientific scope and productivity of the center's research and researchers; and (3) Public infrastructure cores which are primarily directed at external audiences, although core activities may also benefit the applicant center.

Applications are due by November 30, 2012. For more information and/or

to apply, see: www.grants.nih.gov/grants/guide/rfa-files/RFA-HD-13-007.html.

NIH New Innovator Award

The National Institutes of Health (NIH) is seeking applicants for its NIH Directors New Innovator (DP2) Award (RFA-RM-11-005). The initiative, created in 2007, is designed to support a small number of early stage investigators of exceptional creativity who propose bold and highly innovative new research approaches that have the potential to produce a major impact on broad, important problems in biomedical and behavioral research. This award initiative is part of the NIH Common Fund which supports cross-cutting programs that are expected to have exceptionally high impact.

Applications are due by October 17, 2012. For more information see: http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-12-016.html.

Community College Grants

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: www07.grants.gov/search/search.do?&mode=VIEW&oppId=188213. Deadline is October 15.

Of Note

The National Transportation Safety Board has announced that it will hold a two-day public conference on Geographic Information Systems (GIS) in Transportation Safety. To be held December 4-5, 2012, the meeting will bring researchers and practitioners in the fields of transportation safety and GIS together to discuss how GIS data, technologies, and techniques can improve transportation safety across all modes of transportation. This conference is

open to the public and registration is free. To learn more, please visit www.ntsb.gov/news/events/2012/GIS/index.html.

AAG member James L. Mulvihill (California State University, San Bernardino) has been selected to receive the Distinguished Leadership Award: Professional Planner, presented by the California Chapter of the American Planning Association.

Geographer Bob Brinkmann, Hofstra University, recently published an article the on underappreciated aspects of the city of Tampa in the *Huffington Post*. See it at http://www.huffingtonpost.com/bobbrinkmann/tampa-bay-rnc_b_1824691. html. Tampa will be the site of the 2014 AAG Annual Meeting.

Entries for the AAG Newsletter's "Of Note" section should be emailed to newsletter@aaq.orq.

AAG2013 LOS ANGELES









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 16-17 or at www.aag.org/annualmeeting.

> We look forward to seeing you in Los Angeles!

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2012 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. Park City, UT. http://fast.ucdenver.edu/rmgpaag.

13-20. DISCCRS VII, Interdisciplinary Climate Change Research Symposium. Colorado Springs, CO. http://disccrs.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

4-5. National Transportation Safety Board (NTSB) Public Conference on Geographic Information Systems (GIS) in Transportation Safety. Washington, DC. www.ntsb.gov/news/events/2012/GIS/index.html.

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 MARCH

14-15. 44th Annual South Dakota State Geography Convention, Brookings, SD. http://studentorgs.sdstate.org/GeographyClub/index/html.

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.

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 subfields. 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.

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.

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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 www.thebonaventure.com Los Angeles Marriott Downtown 333 South Figueroa Street Los Angeles, CA 90071 www.losangelesmarriottdowntown.com Millennium Biltmore Hotel Los Angeles 506 South Grand Avenue Los Angeles, CA 90071 www.millenniumhotels.com

AAG Abstract Submission Deadline: October 24

Abstracts for the 2013 AAG Annual Meeting must be submitted by October 24, 2012. Earlier submission is strongly encouraged. To register for the meeting and submit your abstract go to www.aag.org/annualmeeting. You must be registered for the meeting in order to submit an abstract. See pages 16-17 for the full call for papers. The 2013 AAG Annual Meeting will be held April 9-13 in Los Angeles. Special hotel rates (see above) are available to registered meeting attendees.