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Past President to Address Geography's Interdisciplinary Future

AG Past President Thomas Baerwald will address "Prospects for Geography as an Inter-

disciplinary Discipline" during a plenary session on Monday, March 23, at the 2009 AAG Annual Meeting in Las Vegas, Nevada. The Past President's Address will begin at 5:15pm at the Riviera Hotel and will be followed by the International Networking Reception, which will open the Exhibit Hall for the Annual Meeting.

During his talk, Baerwald will discuss the relationship of geography to other

disciplines, the role that geographers can play in interdisciplinary collaborations, and opportunities to advance geography, other fields, and society through interdisciplinary collaborations. He also will identify challenges posed by interdisciplinary research as well as ways geographers can help meet those challenges.

Baerwald's comments will draw on more than 20 years of experience at the National Science



Baerwald

Foundation, where he has encouraged, evaluated, and supported basic research in geography and in a range of interdisciplinary competitions. His comments also will draw on scholarly studies that have examined the conduct of both geographic and interdisciplinary research and observations of dozens of geographers and other scholars who have engaged in interdisciplinary collaborations.

Baerwald will reflect on the nature of geography as a discipline that is interdisciplinary in character and that integrates well with other disciplines. He also will offer suggestions regarding ways that geographers can use the field's distinctive perspectives and approaches to advance research and education within and beyond geography.



Clark County's official seal during the 1950s illustrates the prominence of Atomic testing at that time. See article at right.

Nuclear Nevada

During the 1950s, Las Vegas burst onto the U.S. map as a paradise of consumption and spectacle. At the same time, it became a space of military secrecy. Even as mobsters erected their low-rise Xanadu on the Strip south of town, the Atomic Energy Commission established a new weapons testing site some sixty-five miles north, up the Mercury Highway. The AEC had not consulted Las Vegans about their site choice. They informed the local press

and government just one day before the official national announcement, and sixteen days before the blasts began.

Las Vegas and the Atom Bomb

Assured by the AEC that the "experimental detonations" posed no danger to residents or tourists, the local boosters radiated patriotic optimism. The press cheerfully repeated the AEC's bland promises, with headlines like "Not Dangerous," and "Don't Worry Folks, Bomb Blast Won't Bother You." The Chamber of Commerce produced three

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AAG Election Ballot Enclosed. See page 28.

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Geography Education and Employment Outside of Academia

n economically turbulent times, many students and college graduates will likely be wondering what options they have at their disposal. Is it time to jump into the job market, or is graduate school a better option? Indeed, many

geography departments are hearing from students who are curious about advancing their career options and the value of a degree in geography for future employment. Fortunately, even in difficult times, geography and GIScience students still enjoy growing opportunities to pursue work in business, government, and non-profit orga-

nizations where spatial, environmental and interdisciplinary skills are needed. Having strong academic preparation in geography and GIScience will only expand the career opportunities available to students, allowing graduates to enter the job market at a higher level, and to advance more rapidly through the ranks after being hired.

Within the past few years a number of studies in the U.S. and the U.K. have addressed the issue of "employability," a term describing the readiness of an individual to obtain and then maintain employment (Mistry, White, and Berardi 2006; Donert 2007; Solem, Cheung, and Schlemper 2008*). All of these studies point to some important findings. First, hundreds of employer organizations across a broad swath of the Business, Government, and Nonprofit (BGN) sectors seek individuals who are able to think spatially and use geographic methods or technologies to collect, integrate and analyze data on social and natural systems. And the good news for job seekers is that these same employers forecast an increasing demand for these abilities in the coming years.



Richardson

A second important finding is that employers view geography education as an essential component of professional development. This is because geography offers the conceptual frameworks, spatial science foundations, interdisciplinary perspectives,

> employers seek across BGN sectors. In the experience of the employers surveyed and interviewed in this research, geographic learning through field studies, internships, and academic coursework helps ensure that future BGN professionals acquire these core competencies.

and spatial thinking skills that

Employers are also reporting broad and growing

professional opportunities for geography graduates in areas as diverse as environmental management, transportation, public health, and international trade. Here, too, there are opportunities for geographers to enhance their employability by taking advantage of new models of graduate education such as professional master's degree programs, which integrate management training and internships with GIScience education. Among the many such programs are the new Professional Master's Program in Geography at Temple University, and similar Masters Degree and certificate programs in Geographic Information Science offered by universities ranging from Arizona State University to Penn State University, and dozens of others. The AAG Guide to Geography Programs in the Americas provides detailed overview of these educational opportunities (available at www.aag.org).

Many employers still report difficulties finding qualified graduates possessing strong preparation in geography and spatial analysis. In recent years, the AAG has undertaken research projects aimed at

President's Column

The Impact Factor

he ranking of universities and the measurement of research output have become major features of contemporary academia. This makes sense in contemporary cultural-economic terms. There is an urge to stratify performance partly to justify different levels of financial remuneration and investment but also to simplify in single indicators what otherwise could be intellectually divisive and politically inconvenient arguments about whom and where is "better" or "worse." Fields, departments, and universities can be characterized in terms of their relative "productivity" by using journal citation counts. Rather like credit-rating agencies such as Moody's in the financial world, Thomson Reuters (the publisher of the Web of Science and of journal impact factors) has the power to decree who is up and who is down in the world of research and of journal ranking.

This competitive model has come of age at precisely the same time that the number of journals has exploded and that universities have become involved in formal ranking exercises to receive government funding (as with the Research Assessment Exercise [RAE] in the U.K.) or faced increasingly daunting fiscal conditions (as in the U.S.). Some refer to this as the rise of an "audit" culture in which an accounting logic has replaced the more informal and, one must say, often patronage-driven, systems of qualitative evaluation that once prevailed. The dramatic increase in the numbers of universities, researchers, and journals has probably had something to do with this shift. Much of it, however, has also been driven by political pressure to both limit overall public funding and direct what there is towards the apparently more profitable subjects, universities, and corporate applications.

The "impact factor" is central to the new world of scholarship. Each year, Thomson Reuters extracts the references from over 9,000 journals and calculates the impact factor for each journal by dividing the number of citations to articles published in a given journal in the previous two years by the number of articles published in that journal over the same time period. This is interpreted as a measure of the journal's effect in its field and the overall extent of its intellectual influence. In fact, the score can be manipulated by, for example, increasing the number of review articles and editorials relative to substan-

tive articles because they tend to generate more citations than do primary research articles. More importantly, journal editors who use the review process to encourage authors to cite previous articles in the journal and external rankings of journals by universities and processes like the RAE that privilege some journals over others make the impact factor

something other than a simple measure of journal quality. In particular, the mysteries of single- and double-blind peer review, when the personal integrity of editors is often their sole guarantee, adds to the opaqueness of the meaning of the impact factor. Editors have a major stake in recycling through citation what they have published before.

The pressure to begin articles by citing what exists in a narrow range of journals as opposed to thinking outside the proverbial "box" can also have the perverse effect of discouraging innovative thinking. Indeed, the combination of electronic publishing and the rise of the impact factor is narrowing the range of articles referenced and creating a bias towards citing recent articles in a restricted range of journals in all fields (J. Evans, "Electronic publication and the narrowing of science and scholarship," Science, 321, 18 July 2008). Who reads entire journals any more, looking to experience the joy of serendipity, particularly when those journals have low impact factors?

Yet, governments and universities are increasingly using impact factors to rank

universities and research fields as a whole, notwithstanding the problems I have noted. Those of us who sit on university personnel committees face a particularly problematic trend: the use of one quantitative indicator, journal impact factors, to judge the relative research performance of individual faculty. It is nonsensical to think that the quality of an article has a one-



Agnew

to-one relationship with the presumed quality of a journal as measured by the impact factor. Nevertheless, hiring, faculty promotions, and grant awards are all increasingly dependent on evidence of publication in high-impact journals. This thereby encourages high rates of initial submission to these journals, with authors moving progressively down the hierarchy

of journals when they are rejected, thus wasting time and energy for all involved.

Let us hope that papers will increasingly be evaluated pre-publication only for technical accuracy and after publication without reference to impact factors. Both ritual invocation of peer review and the rise of the impact factor have become significant barriers to appropriate evaluation of scholarship. Open access publication, such as that pioneered by ACME in geography, and careful reading of selected publications by review boards could help turn the tide. What is clear is that scholarship cannot be evaluated by numerical means alone. As Albert Einstein reputedly said: "Not everything that can be counted counts, and not everything that counts can be counted." Bear this in mind the next time an editor, publisher or university president waxes lyrical about their impact factor.

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Geography Education and Employment from page 2

improving geography education for careers in BGN organizations (as well as in K-12 and higher education). One of the larger challenges identified in this work is the need to better align curricula with students' career aspirations and the needs of employer organizations. This is especially true in doctoral programs where PhD students who once aspired primarily to careers in the academy are now often attracted to equally rewarding and socially engaged careers in government, nonprofit organizations, and businesses. Departments in which the M.A./M.S. is the highest degree offered demonstrate clearer understanding of student goals and curricula that address BGN employment opportunities, but these programs still face challenges of implementation and helping students make transitions from traditional academic preparation.

The greater attention now given to BGN career preparation in geography graduate programs also holds promise for recruiting and retaining more women and minority students to the field. This is because many of the students surveyed, including women and minority students, are especially interested in BGN careers, yet often feel that many purely technical graduate programs do not adequately provide them with the career advising and broader educational foundation they see as important to success in these fields. But throughout the educational and career pipeline, students, parents, and teachers all need more information about the wide variety of career options available, and the preparation required for success in these careers.

Given that context, the AAG has identified broad areas of critical data needs and actions for future work so that future graduates have a clearer sense of the opportunities available to them:

- Better data on the geographic and general skills that graduates employed in BGN positions use in their daily work;
- 2. Local, regional, and national estimates of employers' demand for geographic and geospatial skills in different types of BGN organizations;
- 3. Comparisons and assessments of the undergraduate and graduate curricula in geography for preparation in BGN careers;
- 4. Continued development of disciplinary infrastructure to enhance graduate advising, career preparation, and transition support for early career geography and GIS professionals in BGN organizations, modeled after the success of recent National Science Foundation funded programs such as the Geography Faculty Development Alliance and the AAG's Enhancing Departments

and Graduate Education in Geography (EDGE) program.

Geography graduate and undergraduate programs have undertaken a leading role nationally in providing the broadbased geography educational and research programs needed by students and employers across BGN sectors. Thanks to the hard work and goodwill of countless individuals in the geography and GIScience communities, we are collectively developing the capacity for meeting the educational and employment needs of our next generation of students. The AAG Annual Meeting in Las Vegas will feature many sessions and workshops for geographers seeking careers in BGN organizations. Interviews with both academic and BGN employers will also be available at the AAG Jobs in Geography Center during the Las Vegas meeting. For more information on educational programs available in geography, GIS, and GIScience, visit www.aag.org/education.

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*References: See *From the Meridian* columns on the AAG website for full citations.

No AAG Dues Increase Despite Inflation

t the request of the executive director, the AAG Council decided unanimously at its fall meeting to forego any membership dues increases for 2009, in spite of ongoing inflation. Concurrently with this decision, Council also voted to restructure membership dues categories to better reflect the broader salary ranges that are now typical in the discipline. The new membership categories have been adjusted to include higher income categories and to allow for finer differentiation at the lower income levels. A thorough analysis was carried out in developing these new categories and although some members will see a small increase or decrease in their annual membership dues, the overall effect of the new categories will be revenue neutral, or may even potentially lead to a slight decline in revenue to the AAG. As in the past, the AAG makes every effort to maintain its progressive dues structure, by which wealthier members pay higher dues than members in the lower income levels.

Register for the AAG Annual Meeting at www.aag.org/annualmeeting.

AAG Field Trips at the 2009 Annual Meeting in Las Vegas

Field trips are always an integral part of AAG meetings, offering unique opportunities to explore places and topics of common interest with colleagues. Below is the list of field trips (current at press time) for the 2009 AAG Annual Meeting in Las Vegas. Additional field trips are under development. For the most current list and registration information visit www.aag.org/annualmeetings/2009.

1. Route 66, Grand Canyon National Park, and Northern Arizona

Thursday, March 19, 8:00am – Saturday, March 21, 8:00pm

This three-day trip through Northern Arizona takes you along portions of old Route 66 to the Grand Canyon and on to portions of the Navajo Nation. Day one will include stops at small Arizona towns and a visit to the IMAX theatre in route to the South Rim of the Grand Canvon. Dav two includes talks by graduate students who have Park Service and river guide experience. There will be free time at the Canyon before we continue on to historic Cameron Trading Post for the night. Day three we return to Las Vegas after a short side trip onto the Navajo Nation, a visit to Wapatki Ruins and a stop in historic downtown Flagstaff. Elevation change will be over 5,000 feet. Weather is variable. Be



The Grand Canyon.

prepared for a range of conditions from the mid 80s in Las Vegas to possible snow or rain at the Grand Canyon. Expect semirustic lodging. Participants should make sure to bring money for meals.

2. The Oasis Tour

Friday, March 20, 9:00am – Saturday, March 21, 5:30pm

Few places are as compelling as those with abundant water in a desert. This tour will make a two-day, 300 mile circle tour of historic oases in Nevada and California, staying overnight at the legendary Zzyzx, the desert study center. We'll leave Las Vegas in mini-vans, driving to Tecopa Hot Springs oasis, for a soak and lunch in a desert bistro. Then, we travel on to the nearby historic China Ranch date palm plantation. We'll then travel on to Zzyzz, arriving in time for a catered dinner on the Boulevard of Dreams, and a walk by the restoring wetlands. Travelers will stay overnight at the Zzvzx Desert Studies Center, in historic bungalow rooms, double occupancy, on beds furnished with sleeping bag liners sufficient for the spring temperatures. Zzyzx accommodations include catered dinner, breakfast, and bag lunch. The next morning, we'll visit a 19th century railroad oasis, the historic Kelso Depot. We'll eat our catered lunches at a vista point in the botanical oasis of the New York Mountains. We'll then return to Las Vegas refreshed, with a nuanced perspective on water in the desert.

3. Field Trip to Death Valley National Park*

Saturday, March 21, 7:00am – 7:00pm

This is a one-day trip of scenic Death Valley and nearby Tecopa basin. The trip will visit some of the most popular visitor locales, including Badwater, the Devil's Golf Course, Zabriskie Point and the Visitor's Center, as well as many lesser known sites. Please bring a coat, hat, field shoes and camera, and be prepared for both hot and cold weather. The trip price includes the entrance fee, a box lunch and soft drinks. Please eat breakfast before arriving for a prompt 0700 departure. The bus should arrive back at the hotel by dusk.

*This trip is sponsored by the Geomorphology Specialty Group as part of their 30th Anniversary celebration.

4. Wild about Mojave Wildflowers

Sunday, March 22, 8:00am – 1:00pm

The Mojave Desert is home to the greatest diversity of endemic plant species in North America. In good precipitation years (typically sufficient winter precipitation) portions



The desert candle is one of many plant species endemic to the Mojave Desert. Desert turn into seas of colorful. blooming wildflowers. This field trip will maximize your exposure to the greatest diversity of wildflowers and will cover natural history of the flowers and area we visit. Depend-

of the Mojave

ing on wildflower blooms we will visit one of four areas: Red Rock Canyon National Conservation Area, Lake Mead National Recreation Area, Valley of Fire State Park or Mojave National Preserve.

5. In John Wesley Powell's Wake: Southwest Utah and Zion National Park

Monday, March 23, 7:30am – 7:00pm

This field trip, an extension of two sessions on John Wesley Powell, focuses on Powell's interests including western water policy, geology and arid land exploration. Water issues in southwest Utah are examined with special attention to the controversial proposed pipeline from Lake Powell/Colorado River to supply growing urban water demand in the St. George area. Zion National Park, partly explored by Powell, offers geologic examples of interest to him. Brief roadside stops to view outcrops, erosion, seeps and other features are planned. Exact sites visited may vary depending on weather conditions. Comfortable walking shoes or hiking boots are recommended.

Continued on page 6

AAG Field Trips from page 5

6. The Threatened Desert Tortoise: Ecology and Management

Monday, March 23, 8:00am – 1:00pm

Many of you may know that the Mojave Desert tortoise (*Gopherus aggassiz*) is a threatened species...the "spotted owl" of the desert southwest. What you might



The elusive desert tortoise.

not know is that the desert tortoise is also the state reptile of Nevada and California. It has a rich cultural and natural history and its ecology is at times quite unusual. For example, the desert tortoise is one of a few species in which sperm storage in females has been documented. We will visit a population of telemetered tortoises in the Piute-Eldorado Desert Tortoise Wildlife Management Area, south of Las Vegas and you will be accompanied by several leading desert tortoise ecologist.

7. Arid Lands and Community Leadership: "Sustainability" Decisions in Las Vegas

Tuesday, March 24, 9:00am – 4:00pm

In 2007, the Las Vegas City Manager issued the "Sustain Las Vegas" Policy #CM302, launching this city into the forefront of environmental design. This fieldtrip will explore *leadership decisions* related to *community sustainability* within Las Vegas Valley. We will tour three award-winning Green Designs (Springs Preserve, The Molasky Corporate Center, Lied Animal Shelter) and meet with the Las Vegas City Planning Department Director and design firm representatives. Fieldtrip includes admission, tours, and Wolfgang Puck catered-lunch. Recommended: comfortable shoes, sunscreen, and drinking water. Email the field trip leader for preparatory materials: www. lasvegasnevada.gov/files/Green_Sheet. doc.

8. THIS IS VEGAS! Or Can I Get a Deep Fried Twinkie With That?

Tuesday, March 24, 8:00am – 6:30pm

From its humble frontier origins to its billion-dollar mega-casinos; from its old time brothels in Block 16 to the western hemisphere's largest privately financed mixed-use development at CityCenter; from Downtown Fremont Street to The Strip; from the Eiffel Tower to Hoover Dam; from Bugsy Siegel to Howard Hughes to Elvis Presley; from the planet's largest gold nugget to deep fried Twinkies and atomic cocktails -this is Vegas! Join Kevin Patrick on a full-out Vegas excursion of cultural landscapes that made this improbable desert city all that it is today. We will explore the Mormon and railroad roots of "The Meadows," creep through a neon sign graveyard, experience downtown Fremont Street, stuff ourselves at a casino buffet, ogle at Hoover Dam, ride to the top of the Eiffel Tower, walk a mile of The Strip, and glide back on the Las Vegas Monorail. This *is* Vegas!

9. Discover Death Valley National Park: its History and Geology

Tuesday, March 24, 8:00am – 6:00pm

The field trip will take you from Las Vegas through the Black Mountains of California into Death Valley National Park. We will observe the fossil shorelines of Pleistocene glacial Lake Manly, Badwater – the lowest point in North America – 282 feet below sea level, Devil's Golf Course at the bottom of the valley with its thick salt crust, faults, large alluvial fans, the superb Dantes View,



Death Valley will be the site of a day-long field trip.

Zabriskie Point, and the Visitor Center. Come learn about early prospectors, the Twenty-Mule Team Borax, and the Shoshone Indians occupation accompanied by geologist and geographer Denyse Lemaire and geographer Richard Scott.

10. Hoover Dam and Springs Preserve: Industrial and Potential Post-Industrial Dimensions of Sustainability in the Desert Southwest

Wednesday, March 25, 9:00am - 5:00pm

There will be a guided tour 500 feet down to the power plant in the heart of the Hoover Dam, followed by time for watching a video, and exploring the visitor center and the top of the dam. We will then stop for lunch at a nearby buffet before traveling to the Las Vegas Springs Preserve, which illustrates ways to do sustainable development in the region. There we will be lead on a 1½ hour "sustainability tour" of their Desert Living Center, after which some time will be allowed for exploration of the museum, garden and trails. Bring \$8 for lunch.

11. Oxymoron Vegas: Sustainable Casinos

Wednesday, March 25, 12:00pm - 5:00pm

This tour will begin at one of the best buffet lunches in Vegas at the Red Rock Hotel, which we will then walk off at the Red Rock Conservation Area. We will also tour the hotel property, which is unique because it boasts a fountain (a no-no in Las Vegas). We will continue on to Treasure Island Casino on the strip where the Pirate Show is infamous for its use of water, but all hotel water is reclaimed. Wear comfortable walking shoes and bring an appetite and \$11 for lunch.

12. WWII Desert Training Center – California/Arizona Maneuver Area (DTC-CAMA)

Thursday, March 26, 7:00am - 7:00pm The Desert Training Center - California/Arizona Maneuver Area (DTC-CAMA) was created in 1942, and Major General George S. Patton Jr. was stationed there to prepare American soldiers for combat in the North African desert. The DTC-CAMA training camps were decommissioned in 1944. Much of the infrastructure remains today, including rock-lined streets, staging areas, flag circles, and tent areas. Fieldtrip highlights: General Patton museum and DTC-CAMA training camps Young and Iron Mountain. Participants need to provide snacks, sunscreen, water bottle, walking shoes, and head cover. Bringing a brown-bag lunch is recommended, though there are some places to purchase lunch near the museum.

13. Wine Tasting, Gourmet Lunch, and Visit to the Pahrump Winery

Thursday, March 26, 11:00am –5:00pm

Pahrump Valley locals figured someone was either crazy or brilliant, creating a winery there in the Mojave Desert. Their verdict: Brilliant. But you can decide for yourself.

14. Planning Las Vegas: A Profile of Urban Planning Activities in the City of Las Vegas, Courtesy of the Regional Development and Planning Specialty Group

Thursday, March 26, 1:00pm – 4:00pm Our traditional downtown walking tour "hits the road" this year! Via bus,

the field trip will visit a number of sites of planning significance within the City of Las Vegas. Notable stops/features include Glitter Gulch, the historic Mormon Fort, and several redevelopment areas including the new baseball stadium site. Also included are several different neighborhood types (historic, distressed, and affluent). Altogether the field trip promises an intriguing perspective of what one sees behind the Strip – what locals call the "back lot" of Las Vegas, as well as selected bits of the Strip area itself.

15. Las Vegas: A Sustainable Culture in a Desert Environment

Thursday, March 26, 1:00pm – 5:00pm

The field trip will begin with a tour of the Molasky Corporate Center, a LEED-certified platinum building featuring a number of sustainable fixtures. This will be followed by a tour of Springs Preserve, an example and resource of sustainable living in practice on the site of the original Las Vegas Springs. Explore the solar panels, botanical gardens, Historical Museum of Human and Wildlife Inhabitants and the sustainable galleries, which include information on the LEED rated buildings, water in Las Vegas, and the effort made keeping this desert city sustainable. We will also pass water smart landscapes. Wear comfortable shoes.

16. Red Rock National Conservation Area Field Trip

Friday, March 20, 8:00am – 3:00pm

More than a million people come to Red Rock National Conservation Area (NCA) each year to view this unique area. Located 17 miles west of the Las Vegas Strip, the tour will begin with an overview of the geology, vegetation, and cultural history. A stop at the Visitors Center will provide an opportunity for the Geological Survey to describe an ongoing vegetation delineation and classification study for the NCA using highresolution imagery and feature-extraction software. The tour will conclude with a drive along the 13-mile scenic loop, with stops to walk, view, and discuss the geology and vegetation in more detail, and if in bloom, desert wildflowers. A

box lunch, water, and soft drinks are included.

17. West to East Along the South Rim of the Grand Canyon

Thursday, March 26 to Sunday, March 29

The trip provides a unique view of the South Rim of the Grand Canyon. After a Hoover Dam stop we cross the Joshua Tree Forest to Pearce Ferry at the head of Lake Mead and the western entrance to the Grand Canyon. Elevation change will be over 5000 ft. Weather is variable. Be prepared for a range of conditions from the mid 80s in Las Vegas to possible snow or rain at the Grand Canyon. Please bring money for meals.

18. DOE and USGS Tour of Yucca Mountain.

Tuesday, March 24, 7:30am- 4:00pm

Guests will visit the Yucca Mountain Nevada Test Site including the Sample Management Facility, Crest, South Portal/ Tunnel Boring Machine and North Portal (Alcoves 1 & 2). A comprehensive briefing will include the history, science, and current status of Yucca Mountain from Department of Energy and U.S. Geological Survey scientists and engineers.

19. Grand Canyon Field Trip with Author James Powell

Friday, March 20–Sunday, March 22

Spend two days at the Grand Canyon, "the most sublime and awe-inspiring spectacle in the world" with geologist James Powell, author of *Grand Canyon: Solving the World's Greatest Puzzle and Dead Pool: Lake Powell, Global Warming, and the Future of Water in the West.* This trip will visit Hoover Dam and a number of other sites.

Sign-up for field trips and workshops when you register for the Annual Meeting at www.aag.org/ annualmeeting. If you have already registered for the Annual Meeting, use the form on page 15 to add field trips and workshops to your Las Vegas experience. Nuclear Nevada from page 1

jaunty brochures, each featuring a lovely model on the cover. The first sported

an "Atomic Hairdo," the second sipped an "Atomic Cocktail," and the third, clad in – what else? – a bikini, held a Geiger counter to the beard of a grizzled prospector.

The boosters recognized the enormous economic and PR potential of playing host to the test site. Soon images and evocations of the mushroom cloud were everywhere: promotional materials, events, slogans, and gimmicks, and even on the official seal of Clark County (see page 1).

The tests drew hundreds of journalists, military

brass, and elected officials. And, despite the Review-Journal's first post-blast headline, "LAS VEGAS ATOMIZED!" tourists came, too. Las Vegas made the most of the attention. When an early test shattered Fremont Street store windows, a haberdashery swept the shards into a barrel and offered them as "Atomic Bomb Souvenirs - Free!" (The barrel was empty within an hour.) Before the first series was over in February, dawn parties and atomic hairdos, back-combed and beglittered, were de riqueur. Strip hotels staged Miss Atomic Blast beauty contests and floated mushrooms in their swimming pools. Fashionable fêtes demanded mushroom cloud cakes. It was still "Playtime All the Time" in Las Vegas, the bomb just added that little extra thrill.

During dawn parties at the Desert Inn, casino play and drinking reliably increased as shot time approached. House pianist Ted Mossman perked up the crowd, maudlin from endless atomic cocktails, with his signature boogiewoogie the "Atom Bomb Bounce." For those who preferred open-air viewing, several Strip hotels provided tour buses to Mt. Charleston and the Tonopah Highway. Gamblers bet on the date and



Miss Atomic Bomb (1957) symbolizes the strange love affair between the city of Las Vegas and its former flame.

time of the next detonation, information the AEC originally kept secret. When

the tests involved servicemen, Strip resorts staged special shows at the Test Site's Camp Desert Rock, complete with showgirls, sequins, and feathers. Between tests, the press produced a steady stream of "human interest" stories about the troops.

By the spring of 1952, an average of 19,000 people a day were coming to Las Vegas to see the bomb, though the locals were already blasé about the blasts, and the more sophisticated Strip habitués barely bothered to glance up from the tables at the sudden flash

of weird light. One nightclub proprietor told a reporter that folks were just waiting for "bigger bombs." "Americans," he explained, "have to have their kicks."

The next test series provided both, and shook Las Vegans from their complacency. The first shot demolished a "Doomtown" of houses, shacks.

and cars (see photo below). Two others blanketed parts of Nevada and Utah with radioactive dust. Radioactivity in rain puddles at New York's Rensselaer Polytech measured 270,000 times the drinking water safety level. What had come to feel familiar was



These four frames show the impact of an atomic bomb blast on a test site nicknamed Doomtown in the Nevada desert.

suddenly tinged with fear.

Throughout the 1950s, the yields, numbers, and types of shots increased with each test series. Experiments, military maneuvers, and civil defense exercises steadily pushed the margins of safety. Reports grew more frequent of radioactive snow and rain, isotopes in milk, beta-burned livestock, and clusters of sick children at points downwind. When fallout landed on Las Vegas itself during one series, the *Review-Journal* warned against reacting with "hysteria" and denounced any notion of a test ban.

Local boosters continued their cheerleading for their backyard bomb tests, touting their economic and national security benefits. Beyond Las Vegas, though, a rising tide of alarm and criticism threatened to end the testing program. Early in 1958, the Soviet Union and the U.S. agreed to a moratorium on nuclear testing, effective November 1. In the next months, the U.S. accelerated testing of thermonuclear devices ("H-bombs") in the Pacific, and of lower-yield "A-bombs" in Nevada. On Halloween, fallout from the final Nevada shot landed on Los Angeles.

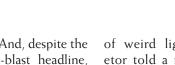
Between January 1951 and November 1958, 119 nuclear detonations took place at the Nevada Test Site.

A Geography of Interconnection

During that period, Nevada's nuclear landscape was shaped by processes, events and decisions made elsewhere – Wash-

> ington, Moscow, Seoul, Havana. Nevada was reinvented as a nuclear testing zone, and Las Vegas, whose surrounding wide open spaces offered both visibility and secrecy, was its staging ground. The Cold War nuclear arms race inscribed on the Nevada desert a

geography of the technological sublime, and of a particular, and terrifying, set of scientific and technical logics – especially of zealous weapons experimentation, development, and stockpiling. When, in 1961, the Soviet Union unilaterally ended the test moratorium, it took the

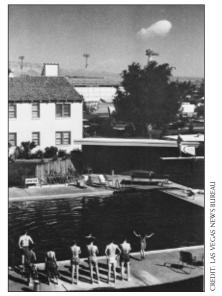


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U.S. just two weeks to respond with its own earth-shattering barrage. The new tests, conducted beneath the surface of the Nevada Test Site, efficiently reduced

an apparent backlog of experimental designs. Two years later, in the wake of the Cuban Missile Crisis and of growing international concern and criticism over the health effects of fallout, the Soviet Union, the U.S., and the U.K. agreed to ban atmospheric, underwater, and spacebased nuclear test detonations. While the 1963 Limited Test Ban Treaty may have signaled some thawing of Cold War relations, it merely drove the testing in Nevada underground. It did not slow it down.

At the test site, a workforce of up to 10,000 dug diligently beneath the desert to build some fifty miles of tunnels and new subterranean infrastructure. Even as public health officials began to understand that the downwind effects of atmospheric tests were much worse than they had thought, AEC and military scientists not only continued, but accelerated the testing program. Once moved underground, and thus less constrained and scrutinized, the tests continued for



Tourists view a drifting atomic cloud from poolside at the Frontier Hotel on the Las Vegas Strip in the 1950s.

nuclear power plants and waste storage sites around the country. Thus would this swath of the Mojave Desert, land still claimed by the Western Shoshone Nation, become the endpoint of a routinely geography of weaponry and waste (of which 120,000 metric tons would be stored by 2033).

nearly another thirty years. Despite occa-

sional radioactive ventings and fallout

from near-surface blasting an astonishing 814 underground tests were conducted

а

in Nevada before the

current testing freeze

Cold War decades,

the test site continued to tie Las Vegas and

southern Nevada to

of nuclear weapons

science and production:

at Los Alamos and Liv-

ermore: Hanford, Oak

Ridge, and Savannah

River; Rocky Flats

and Paducah. Current

federal plans for a

nuclear waste reposito-

ry at Yucca Mountain,

abutting the test site.

would broaden that

connection to include

larger geography

the

took effect in 1992.

Throughout

The State of Nevada has lent its voice to a growing chorus that challenges the legality and scientific soundness of these plans. Among opponents' concerns are the long-term (10,000-year) viability of storage containers and, in the relatively



Atomic detonations were visible from downtown Las Vegas in the 1950s and 1960s.

short term, the hazards of transporting radioactive waste to the repository for the next 25 years. Having long since looked elsewhere for entertainment, Nevadans seem far less willing, fifty years on, to underplay or overlook the potential dangers, to themselves and their economy, of an "atomized" landscape. Nevada's nuclear future may be somewhat less spectacular than its past, but it promises to be more long lasting – and in some ways, may have only just begun.

> Victoria Randlett University of Nevada, Reno

Scott Kirsch and Lisa Marshall University of North Carolina at Chapel Hill

Note: The Atomic Testing Museum, at 755 East Flamingo Road, Las Vegas, contains a fascinating collection of Nevada Test Site artifacts, photographs, and narratives. www.atomictesting museum.org.

AAG Conference Hotel Now Accepting Reservations

The Riviera Hotel, site of the 2009 AAG Annual Meeting in Las Vegas, is now accepting reservations. Call 1-800-634-6753 or 1-702-794-9412 to reserve your room today. Ask for the discounted AAG Group Rate (\$154 per room). To reserve your room on-line visit www.aag.org/annualmeetings/2009.

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 Laura Miller at 202-234-1450 or Imiller@aag.org.

Potential Jobs with the Obama Administration

s part of our ongoing efforts to keep members informed of geography-related jobs, we wanted to share a list of some key federal position appointments that will be filled by the Obama Administration in the coming months. Please note that this is a very partial list and that AAG members may be interested in other federal jobs that do not appear here – we encourage geographers to view the full listing of politically-appointed positions, which can be found in the "Plum Book" at: http://www.gpoaccess.gov/plumbook/2008/2008_plum_book.pdf. Please also note that some of the jobs listed below and in the Plum Book may be filled by incumbents who are career civil servants or political appointees and who are carried over from the Bush Administration. You can apply for any, several, or all of these positions by visiting http://www.change.gov – the Obama transition website. There are job links near the top of that page. If you have any specific questions about this list or service as a federal political appointee, please do not hesitate to contact John Wertman, the AAG's Director of Public Policy, at jwertman@aag.org. In addition to the potential opportunities listed below, there are also thousands of jobs available in the federal government through the normal civil service hiring process. These jobs can be searched at http://jobsearch.usajobs.gov. This partial list of political appointment positions was compiled with the assistance of AAG staff members Matt Hamilton and Megan Overbey.

Executive Office of the President: Administrator for E-Government & Information Technology.

White House Office of Science & Technology Policy: Director, Associate Directors for Science and Technology, Chief of Staff, Deputies to the Associate Directors.

Office of Management and Budget: Associate Director for Natural Resource Programs.

Council on Environmental Quality: Chairman, Members.

Department of Agriculture: Under Secretary and Deputy Under Secretary for Rural Development, Under Secretary and Deputy Under Secretary for Natural Resources and the Environment, Administrator of the Agricultural Research Service, Administrator of the Cooperative State, Research, Education, and Extension Service, Chief Forester for the U.S. Forest Service.

Department of Commerce: Director and Deputy Director of the Census Bureau, Administrator of the National Oceanic and Atmospheric Administration (this job is co-listed as an Under Secretary of Commerce position and there is also a Deputy Under Secretary for NOAA), Chief Scientist of NOAA.

Department of Defense: Director of Defense Research and Engineering, Scientific Director for the U.S. Naval Observatory (this is a neat job as the Naval Observatory doubles as the Vice President's home, so you'd potentially see VP-elect Biden frequently!).

Department of Education: Director of the Office of Educational Technology.

Department of Energy: Under Secretary and Associate Under Secretary for Science, Administrator of the Energy Information Administration, Director of the Office of Science. **Department of Health & Human Services**: Director of the Office of Planning, Research and Evaluation.

Department of Homeland Security: Coordinator of Recovery and Rebuilding in the Gulf Coast Region.

Department of Housing & Urban Development: Assistant Secretary for Community Planning and Development.

Department of the Interior: Director of the Office of Wildland Fire Coordination, Director of the Office of Environmental Policy and Compliance, Assistant Secretary for Fish and Wildlife and Parks, Director of the National Park Service, Director of the U.S. Fish and Wildlife Service, Assistant Secretary for Water and Science, Commissioner of the Bureau of Reclamation, Director of the U.S. Geological Survey, Assistant Secretary for Land and Minerals Management, Director of the Bureau of Land Management.

Department of State: Assistant Secretary for Population, Refugees, and Migration, Assistant Secretary for Oceans, International Environment, and Science Affairs, Director of the Bureau of Intelligence and Research, Commissioner of the International Boundary Commission.

Department of Transportation: Associate Administrator for Planning, Environment, and Realty; Associate Administrator for Research, Development, and Technology (Both of these jobs are with the Federal Highway Administration – which is part of DOT).

Environmental Protection Agency: Assistant Administrator for Research and Development.

See page 28 for your 2009 AAG Election ballot.

Washington Monitor

AAG Hill Visits Promote Geography Education

In early November, I was joined by AAG staff members Susan Gallagher, Matthew Koeppe, and Michael Solem for two meetings on Capitol Hill aimed at promoting attention to geography education in the reauthorization of No Child Left Behind (NCLB). We met with key staff of the House Education and Labor Committee and the Senate Health, Education, Labor, and Pension Committee.

In both meetings, we reaffirmed the AAG's longstanding commitment that there should be specific funding authorizations for geography education programs as part of NCLB. This is a position we have taken numerous times in letters to and meetings with key policymakers. The staffers we met with were supportive of our message and urged us to continue promoting it in other outreach to Congress. Accordingly, we will look to schedule additional Hill meetings focused on this important topic in January and beyond - while the Obama team is settling in and reauthorization negotiations start to pick up.

We also are working closely with the National Geographic Society and our other GENIP partners on this critical issue. We were heartened that the Senate staff we met with specifically pointed to the existing Teaching Geography is Fundamental legislation as a key vehicle for Hill action. We will keep you informed of key developments.

Interior, Labor, and EPA Updates

In last month's column, I detailed some of the people thought to be leading contenders for Obama Cabinet jobs of interest to geographers. The Presidentelect still has yet to nominate anyone for any of these three key jobs – and here are the latest updates:

Secretary of the Interior: Jay Inslee, Ken Salazar, and Robert Kennedy, Jr. seem to have fallen out of favor and it now appears likely that Obama will either nominate Rep. Raúl Grijalva (D-AZ) or Rep. Mike Thompson (D-CA). Both are westerners - which is typical for Interior - and both would bring subject-matter expertise to the job. Grijalva is Chairman of the House Subcommittee on National Parks, Forests, and Public Lands - and he is well respected by the environmental community. He has a strong liberal voting record and would be the second prominent Latino tapped for Obama's Cabinet (after Bill Richardson). Thompson is a moderate "Blue Dog" Democrat and is a key member of the House Ways & Means Committee. He is a vineyard owner by background - one of his key calling cards for the Interior job - and he comes from the nation's most populous state, not a factor to be disregarded.

Secretary of Labor: As I reported last month, David Bonior remains a leading candidate, but Dick Gephardt and Andrew Stern seem to have fallen to the second tier. Others being strongly considered include Michigan Governor Jennifer Granholm (D); Mary Beth Maxwell, executive director of American Rights at Work; Ed McElroy, former president of the American Federation of Teachers; and Maria Echaveste, Deputy Chief of Staff in the Clinton White House. Obama will be looking to his nominee to represent union views as the Administration's economic package is developed – and the AAG will work to insure the new Secretary's team continues to promote geospatial technologies as a key growth industry.

Administrator, Environmental Protection Agency: Robert Kennedy, Jr. remains a second-tier candidate for the EPA job, but buzz is now swirling around Obama transition team member Lisa Jackson. Jackson served previously as New Jersey's Commissioner of Environmental Protection and she has been advising the Obama team on key environmental issues. She is a land and water use expert – but a chemical engineer by training. The AAG will be sure to promote geographic expertise to Jackson if she is indeed picked to lead the EPA.

Please be sure to also see the list of select government jobs of potential interest to the geographic community that will be filled by the Obama Administration in the coming months. The list can be found on page 10 of the newsletter.

> John Wertman jwertman@aag.org

Getting to Las Vegas

There are many low cost ways to get to Las Vegas. The city is easily accessible by air, rail, bus, and car. The AAG has arranged further discounts from United Airlines, Amtrak, and Hertz. The Las Vegas airport offers hundreds of economical flights each day from domestic and international locations. For more information on travel discounts for the Annual Meeting, see www.aag.org/annualmeetings/2009/ transportation.

Cartography SG

National Geographic invites college students to apply for its Award in Mapping, with a total cash prize of \$1,200. The award, sponsored by National Geographic and judged by the Cartography Specialty Group, seeks to reward students for their research and innovation in mapmaking. Deadline for entry is February 15, 2009. This award is a great opportunity to submit maps or map products done in cartography or GIS classes and is open to undergraduates and master's degree candidates. Map entries can be on paper or digital, including web-based maps. The judging panel will award a first place prize of \$900 and a second place prize of \$300. Winning students will also receive National Geographic map products and an invitation to the Awards Luncheon at the AAG Annual Meeting in Las Vegas.

Application information is at natgeomaps. com/mapawards. For further information please contact Dr. Jeremy Mennis, Department of Geography, Temple University, jmennis@temple.edu; or David Miller, NG Maps, dmiller@ngs.org.

Geographic Perspectives on Women SG

The Geographic Perspectives on Women Specialty Group (GPOW) is again honoring recently published titles in feminist geography. Their aim is to celebrate and promote books being written within feminist geography and by feminist geographers at a wine and cheese reception during the AAG Annual Meeting, March 22-27, 2009 (date and venue to be confirmed).

If you would like to nominate a recent feminist geography book (to be) published between January 2008 and March 2009, please send the details of your nomination by January 23, 2009, to: t.mullermyrdahl@ uleth.ca. Please limit your nominations to those publications that were not honored at last year's event. Book authors will be asked to co-ordinate with their publishers to provide a copy of the book for display and any other relevant promotional materials, as well as to request that publishers assist with funding. Copies may be brought for sale.

Sexuality and Space SG

Organizers of the 2009 Sexuality and Space SG Student Paper Competition are seeking submissions. *Eligibility*: Any student currently enrolled in an undergraduate, master's, or doctoral degree program in Geography or a related discipline may submit a paper. Papers are welcome from students at institutions outside the United States. Students do not necessarily have to be presenting a paper at this year's Annual Meeting of the Association of American Geographers to be eligible for an award. *Requirements*: Organizers are seeking excellent quality student papers that advance the study of sexuality and space. Papers should be no more than 4000 words in length (including explanatory footnotes / endnotes, but excluding references), with an additional 100 word abstract. Figures and images should be included as separate pages rather than embedded within the text. Papers should be properly referenced, although students may choose the citation method they think appropriate. Papers should be in English. *Submission Procedure:* Ideally, submissions will be made electronically.

Apply: Please send email to: Dr. Tiffany Muller Myrdahl (t.mullermyrdahl@uleth. ca) with the paper attached as a PDF, Microsoft Word, or other standard word processing program file. If electronic submission is not possible, please send three paper copies (double sided copies are acceptable) to Dr. Tiffany Muller Myrdahl (Women's Studies; University of Lethbridge; 4401 University Drive; Lethbridge, AB T1K 3M4, Canada). Please be sure to include your name, postal address, telephone, and email address on the front cover of your paper, so that we can contact you if necessary.

Papers must be received by February 1, 2009 to be considered. Winners will be notified prior to the 2009 Annual Meeting of the AAG in Las Vegas, and will be honored at the Awards Banquet.

AAG Department Leadership Workshop

AAG members are invited to the 6th annual AAG Workshop devoted to strengthening academic departments, to be held at the University of North Carolina, Wilmington, on July 10-11, 2009, with an optional field trip on July 9. Wilmington is a charming, historic beachside and harbor town and UNC-Wilmington is home of the hybrid and hospitable Department of Geography & Geology. This year's workshop will highlight three themes: research results and recommendations of the AAG's Enhancing Departments and Graduate Education in Geography (EDGE) project, the challenges posed by a stressed economy, and a special track addressing the needs of hybrid departments. The annual AAG Department Leadership Workshop gives faculty members from all departments the chance to discuss departmental leadership issues with each other and with geographers who have served in senior administrative positions. The Wilmington Workshop will also provide opportunities for informal networking and discussion. Registration will begin in late January. With only 25 places available, you'll want to register early – look for more details on the AAG website (www. aag.org) and in the subsequent editions of the AAG Newsletter. ■



Op-Ed

Challenging America's Racialized War Culture

On November 4, 2008 Barack Obama was elected the 44th President of the United States of America. This historic moment, which witnessed the first African-American elected to America's highest political office, is significant, in part, because it came on the 40th anniversary year of the death of Martin Luther King, Jr. As the world watched the emotion overflow in African-American churches and communities from coast to coast and the passion evident on the faces of Civil Rights veterans, the meaning of President Obama's victory can hardly be overstated. But also, Obama's victory was made possible (in part) because of his opposition to the on-going war in Iraq and his own understanding that the war contributed to the worsening of the U.S. economy – a fact that was largely latent from national discourses throughout the election. Ironically, just as King's legacy of resistance to U.S. hegemony has been consigned to the sidelines of mainstream treatments of King's meaning to U.S. society, Obama's opposition to the war in Iraq and his larger arguments about militarism seem to have faded from view in the warm afterglow of his historic victory. However, as a discipline we would be remiss if we did not take this moment to reflect on the larger meaning of the war and the devastation it has wrought both abroad and domestically.

For many observers, the legacy of King is reduced to a few minutes in 1963 when he declared his dream to see his children grow up in a nation free of race prejudice. However, such a myopic reading of King marginalizes his more radical contributions to the U.S. political landscape, namely that militarism abroad and poverty at home are intertwined in a war culture. Throughout the last year of King's life, he connected American racism more strongly with the economics and morals of militarism. King believed that the war in Vietnam was not an aberration but rather was an extension of a deeply ingrained militarism within U.S. society. He explained that the war was a symptom of America's moral decline, that when profit motives and property rights take precedence, the triplets of racism, extreme materialism, and militarism are incapable of being conquered.

Speaking of the death and destruction meted in Vietnam, of the use of napalm and other horrendous weapons of war, King articulated the double negative consequences of militarism, of the trade-off between the war on poverty in America and the war in Vietnam. King realized that America would be unable to contribute to the amelioration of poverty while simultaneously engaged in an international war. Indeed, King lamented that the war in Vietnam strengthened both the military-industrial complex and hampered the domestic needs of U.S. society.

The legacy of King's anti-war stance transcends the war in Vietnam, for he was opposed to the promotion of violence, yes, but also the morally corrupting affects militarism. One cannot escape the parallels between Vietnam and Iraq as the last seven years have seen a roll-back of social services to the economically marginalized, infringements to our Civil Liberties, and the retrenchment of race and racism at the highest levels of the U.S. Justice Department. And now, an opportunity exists to recapture King's antipathy to the perverse promotion of militarism and the production, circulation, and consumption of a war culture.

King understood not only that a military-industrial complex permeated U.S. society, but also how easily a war culture melds with a racialized dehumanization of the Other. This is seen most graphically in the growing tolerance of 'collateral damage'. In World War I, for example, civilian casualties composed approximately 15 percent of all war deaths; by the Second World War, this figure had jumped to 50 percent. In Vietnam, perhaps 80 percent of war deaths were civilians.

No doubt the increased proportion of civilian casualties is a function of the weapons designed (i.e., landmines, cluster bombs) and thus a direct function of the military-industrial-academic complex that designs, manufactures, and distributes these weapons. However, the staggering death toll among civilians is also a function of a devaluing of human life, reinforced by a dichotomous (and often racial) separation of 'us' and 'them' and perhaps made most famous by President Bush's declaration after September 11 that you are either "with us or against us."

And what would King make of the United States and of the world today? Of two on-going wars in Afghanistan and Iraq that have left millions dead? Of a collapsing American and perhaps global economy, brought down by corruption, greed, and militarism? Of a unilateral foreign policy that has stubbornly refused to abide by international law and precedent? Of a military doctrine that supports both preemptive attacks and unspecified collateral damage? Perhaps we would be wise to shake the dust off King's own words: "We have alienated ourselves from other nations so we end up morally and politically isolated in the world." On the occasion of Barack Obama's presidential victory, this is one legacy of King that bears mentioning: to stand up against an entrenched militarism that threatens to destroy the moral fabric of America and to promote a pro-peace agenda within Geography.

> James A. Tyner jtyner@kent.edu Kent State University

Joshua F.J. Inwood jfi0001@auburn.edu Auburn University

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 reflict opinions of contributing AAG members and do not represent an official AAG position on any issue. Op-ed pieces must be consistent with the AAG ethics policy and will be published on a space available basis. Send submissions of no more than 750 words to newsletter@aag.org.

Tables Available for Purchase at AAG Annual Meeting Awards Luncheon

he AAG Annual Meeting Awards Luncheon will be held on Friday, March 27, 2009 in Las Vegas, Nevada. We invite you to join us and enjoy the event with your colleagues, friends, and family. We are offering the purchase of 10 discounted tickets to reserve a full table. If you wish to reserve a full table for your department, AAG Specialty Group, students, or friends, you may do so at this time. Individual tickets are \$55 and tickets for a table (seats 10) are \$495. If you have not yet paid your Annual Meeting registration fee, you may purchase the Luncheon tickets online at the time you pay. If you have already paid your registration

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

2009 AAG Annual Meeting Awards Luncheon Form Las Vegas, NV — March 27, 2009 12:00 pm - 2:15 pm			
Single Ticket \$55.00	Qty	Table for 10 \$495.00	Qty
Name:			
Organization:			
Total Amount: \$			
Payment Method: Check	or money order (payable to the A	ssociation of American Geographers)	
Visa or MasterCard Num	ber:	Exp. Date:	
Signature:			

Geographic Centers

he Department of Geography at the University of Connecticut, The Connecticut Geographic Alliance, and the Yale University Program in international educational resources presented a workshop at Yale on October 30, 2008 to kick start the 08-09 Geography Action Year/The Americas. Ninety-four school teachers received materials and other classroom resources to help implement the theme in their schools. Tomas Dunas, Costa Rican Ambassador to the United States, was the featured speaker. The program included two concurrent workshops. Tom Lewis, UCONN Geography, a CGA coordinator was a program organizer.

Correction

The headquarters of Gamma Theta Upsilon, the International Geography Honors Society, has moved to Louisiana State University. A notice published in the November 2008 *AAG Newsletter* reported the move incorrectly.

AAG 2009 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, 2008 will incur a 25% cancellation fee. Requests received by February 10, 2009 will incur a 50% cancellation fee. Requests received by March 11, 2009 will incur a 75% cancellation fee. Requests received after March 11, 2009 cannot be processed.

FIRST	M.I	LAST	
AFFILIATION			
ADDRESS			
CITY			
E-MAIL ADDRESS			
DAYTIME PHONE ()			
*NAME OF COMPANION/SPOUSE who is regi			

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

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

I. REGISTRATION FEES

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

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

	<u>Before 3/10</u>	<u>After 3/10</u>	
Regular Member	\$265	\$315	\$
Student Member / Retired Member	\$145	\$185	\$
Non-Member	\$390	\$435	\$
Non-Member Student	\$215	\$235	\$
Companion / Spouse*	\$90	\$140	\$
One day registration	\$215	\$235	\$
TOTAL REGISTRATION FEES			\$

II. FIELD TRIPS

Full descriptions are available at www.aag.org. Field trips (and workshops) are in date order. You must be registered for the meeting to attend a field trip.

O	uantity	p.	Price	
1. Grand Canyon Three-Day Tour (3/19-21)	(a)	\$650	\$	
2. The Oasis Two-Day Tour (3/20-3/21)	(@_	\$125	\$	
16. Red Rock National Conservation Area (3/20)		\$75	\$	
3. Death Valley National Park (3/21)	 @	\$91	\$	
4. Wild about Mojave Wildflowers (3/22)	(a)	\$45	\$	
5. Southwest Utah / Zion National Park (3/23)	(a)	\$96	\$	
6. Threatened Desert Tortoise (3/23)	(a)	\$65	\$	
7. Arid Lands: Sustainability in LV (3/24)	(a)	\$110	\$	
8. This is Vegas! Cultural Landscapes (3/24)	(a)	\$97	\$	
9. Death Valley National Park (3/24)		\$61	\$	
18. DOE & USGS Yucca Mountain NV (3/24)		\$98	\$	
10. Hoover Dam / Springs Preserve (3/25)	@	\$95	\$	
11. Sustainable Casinos (3/25)	@	\$30	\$	
12. Desert Training Center CA / AZ (3/26)	@	\$93	\$	
13. Pahrump Winery Tour and Lunch (3/26)	@	\$60	\$	
14. Planning LV: Urban Planning (3/26)	@	\$35	\$	
15. LV: Sustainable Culture in Desert (3/26)	@	\$45	\$	
17. W to E Grand Canyon Four-Day (3/26-29)	@	\$489	\$	
TOTAL FEES FOR FIELD TRIPS			\$	
III. SPECIAL EVENTS / BOOKS Qua	antity		Price	
Awards Luncheon - individual ticket	@	\$55.00	\$	
Awards Luncheon Table - 10 tickets	@	\$495.00	\$	
Lonely Planet Las Vegas City Guide	@	\$17.10	\$	
Lonely Planet Grand Canyon Nat'l Park	@	\$18.00	\$	
Off the Beaten Path Nevada	@	\$12.55	\$	
Please register online at www.aag.org or return this completed form				
along with payment to: AAG 2009 Annual Meeting Registration				
1710 16th Street, NW, Washington, DC 20009				
			000 000	
Fax (202) 234-2744; Questions? (202) 234-1450 or www.aag.org				

TOTAL FEES FOR SPECIAL EVENTS / BOOKS			\$	
IV. WORKSHOPS Qu	antity			Price
1. Metadata with Cyberinfrastructure (3/22)	@	\$65	\$_	
7. EDGE: Prof. Development Topics (3/22)	@	\$5	\$_	
3. Field Mapping Fundamentals (3/22)	@	\$125	\$_	
5. NSF: Writing Proposals (3/23)	@	\$0		
6. NSF: Writing Doctoral Dissert. Proposals (3/23)	@	\$0		
2. EDGE: Time Management (3/23)	@	\$5	\$_	
8. WileyPlus / Human Geography (3/23)	@	\$65	\$_	
9. Teaching with ArcGIS (3/23)	@	\$50	\$_	
10. Spatial Analysis w/ArcGIS (3/23)	@	\$50	\$_	
11. Undergraduate Research Program (3/23)	@	\$10		
12. NSF: Writing CAREER Proposals (3/24)	@	\$0	\$_	
13. NSF: Writing Proposals (same as #6; 3/24)	@	\$0	\$_	
14. Using Photography / Urban Landscape (3/24)	@	\$60	\$_	
15. EDGE: Advising Students in Geog. (3/24)	@	\$5		
4. EDGE: Academic Publishing (3/24)	@	\$5	\$_	
16. Teaching Geog: Spatial Thinking Skills (3/24)		\$20	\$_	
26. Wine Tasting: Italian Wines (3/24)	@	\$40	\$_	
17. Ortelius - Cartography Software for Mac (3/25)	@	\$20	\$_	
18. Wine Tasting: World Style Wines (3/25)		\$36	\$_	
20. CGGE No Passports Required (3/25)		\$5		
21. Publishing Your Scholarly Book (3/25)	@	\$5	\$_	
27. Apply Your Science to Servce Society (3/25)		\$44	\$_	
22. Hands on w/ GPS Range Finder / Camera (3/26)		\$25	\$_	
23. EDGE: GIS / Mapping Technologies (3/26)		\$5	\$_	
24. Land Change Modeling Methods (3/26)		\$75	\$_	
25. Geog Approach & Spatial Literacy (3/26)		\$20	\$_	
TOTAL FEES FOR WORKSHOPS			\$_	
V ADSTDACT DOOKS / CDc				

V. ABSTRACT BOOKS / CDs

Abstracts are available online to all registrants at no charge. If you also wish to purchase a printed abstract book or an abstract ČD, sign up here. .

	Quantity		Price
2009 Meeting Abstract Book	(@)	\$50	\$
2009 Meeting Abstract CD	(a)	\$25	\$
TOTAL FEES FOR ABSTRACT	BOOKS/ CDs		\$
IV. SUMMARY / PAYMENT			
Registration Fees		\$	
Field Trips		\$	
Special Events / Books		\$	
Workshops		\$	
Abstract Books / CDs		\$	
GRAND TOTAL (U.S. Dollars Onl	ly)	\$	
Check for	_attached (Payable to AAG)		
Please charge \$	to my VISA/MC (Sorry, no A	mEx or	Discover)
Card #			
Exp. Date:/ Signature			

NCGE Conference Addresses Technology, Transportation

The National Conference on Geography Education (NCGE) was held in Dearborn, Michigan, on October 9-12, 2008 and was attended by over 500 participants representing K-12 education, community colleges, four-year institutions, graduate students, business and government, and geography product vendors.

A wide range of paper and poster sessions were presented, with many focusing on the theme of transportation and celebrating the 100th anniversary of the Model T Ford, also known as the "Tin Lizzie," which began production in 1908 and which helped transform the American landscape. As an orientation to the transportation theme of the conference, participants attended a gala at The Henry Ford Museum, a national historic landmark, where the Rosa Parks Bus was a favorite attraction for conference attendees.

In addition to the many classroom and scholarly presentations, highly successful technology and teaching workshops sponsored by ESRI and National Geographic Society Educational Programs drew the maximum number of participants.

The NCGE is currently organizing the 2009 Conference, to be held in San Juan, Puerto Rico, September 23-27. The conference theme will be "Cultural Crossroads." The theme will help focus presentations and activities on contemporary environmental and economic development issues particular to the Caribbean region and individual islands. Field excursions ranging from eco-tourism to historical geography and evidence of the Columbian Exchange are being planned.

The conference call for papers and presentations will be available beginning in January 2009. For more information on the National Council for Geographic Education visit www.ncge.org.

Call for Papers

New Journal: International Journal of Applied Geospatial Research

The Editor-in-Chief of the International Journal of Applied Geospatial Research (IJAGR) is accepting submissions to this new scholarly journal, which begins publication in January 2010. The IJAGR is seeking research that exemplifies the usage of Geographic Information Science and Technology (GIS&T) to explore and resolve geographical issues from various application domains within the social and/or physical sciences. IJAGR is designed to provide planners and policy analysts, practitioners and academicians, and others using GIS&T useful studies that might support decision-making activities. The International Journal of Applied Geospatial *Research* is interested in highlighting various GIS&T application domains that span the social and physical sciences. For additional information regarding the publisher and journal, please visit, respectively, www. igi-global.com and www.igi-global.com/ journals. All inquiries and submissions should be directed to the attention of Donald P. Albert, Editor-in-Chief, International Journal of Applied Geospatial Research, Department of Geography and Geology, LDB #300, Sam Houston State University, 1900 Ave I, Huntsville, Texas 77341-2148, USA. E-mail: geo_dpa@shsu.edu.

The Pennsylvania Geographer

The editors of *The Pennsylvania Geographer* are soliciting manuscripts for the spring/

summer 2009 edition on the general topic of "Boundaries and Borders." Papers dealing with this theme or any other geographical theme will be considered. Deadline for submissions is February 15, 2009. Manuscripts and inquiries may be addressed to William B. Kory, Editor, The Pennsylvania Geographer, Geography Department, University of Pittsburgh at Johnstown, Johnstown, PA 15904, or by e-mail to koryupj@pitt. edu. To contact the Editor by telephone: (814) 269-2994 or 2990. The topic of the fall/winter 2009 issue will be "historical geography" with a submission deadline of August 15, 2009.

Getting to Las Vegas

There are many low cost ways to get to Las Vegas. The city is easily accessible by air, rail, bus, and car. The AAG has arranged further discounts from United Airlines, Amtrak, and Hertz. The Las Vegas airport offers hundreds of economical flights each day from domestic and international locations. For more information on travel discounts for the Annual Meeting, see www.aag.org/annualmeetings/2009/ transportation.

AAG Council Meeting Minutes

Boston, Massachusetts April 13-15, 2008

Attending: Tom Baerwald, President, John Agnew, Vice President, Kavita Pandit, Past President, Craig Colten (Southwest), Secretary, Sallie Marston, Treasurer, Doug Richardson, Executive Director. National Councillors: Carol Harden, Audrey Kobayashi, Mei-Po Kwan, Marie Price, and Dawn Wright. Regional Councilors: David Kaplan (East Lakes), Lisa Harrington (Great Plains-Rocky Mountains), Molly Brown (Middle Atlantic), Keith Henderson (Middle States), Tyrel Moore (Southeast), Donald Friend (West Lakes), Cathleen McAnneny (New England-St. Lawrence), Nancy Wilkinson (Pacific Coast). AAG Staff: Patricia Solís and Rachel Franklin.

PRELIMINARIES

Baerwald called meeting to order, welcomed Council, and led introductions. Moore moved to adopt the agenda, Harrington seconded; and Council adopted the agenda unanimously. Kaplan moved to approve the minutes of the fall Council meeting, Harden seconded, and Council approved unanimously.

CHALLENGES AND OPPORTUNI-TIES FOR THE ASSOCIATION

President's Comments

Baerwald summarized activities related to his interdisciplinary initiative during the past year, reviewed the upcoming presidential plenary session at the Boston meeting on interdisciplinarity, and commented that he was pleased with the range of interdisciplinary activity on the program. He noted that the work of the healthy departments, internationalization, and geographic education efforts continue, and observed that geographers can help with diversity and play a role in public policy.

Vice President's Comments

Agnew expressed interest in following through with interdisciplinary and internationalization initiatives, and that he also seeks to encourage interaction among geographers (especially human and physical) and to strengthen an integrative geography with the goal to inspire intradisciplinary collaboration. He will promote sessions at Las Vegas that point toward integration, with drought in the southwest as one example. The AAG Healthy Departments Workshop will continue under a new title – the AAG Department Leadership Workshop. He noted that current topics of concern for departments include state budgets and how to maintain department resources. He recommended that chairs should be made aware of journals that showcase interdisciplinary research.

Past President's Comments

Pandit expressed pleasure with internationalization developments within the AAG, such as the multi-lingual abstracts in AAG journals and the new AAG Developing Regions Membership Program. She concurred that we need to be mindful of budget issues.

Review of Geography Programs – Regional Councillors

Pacific Coast

Wilkinson reported that despite severe budget cuts, some departments are hiring. Two key concerns: interdisciplinary encroachment, especially in environmental sciences and need for guidance in best practices for program assessment.

Great Plains/Rocky Mountains

Harrington reported that departments seek comparable data to use in program reviews, such as comparative, disciplinewide tabulations; she also noted that, although not directly related to the AAG, leadership in geographic alliances is experiencing significant rates of retirement with scarce replacements.

Middle Atlantic

Brown noted that federal government agency personnel are the leading group of geographers in the region and called for greater efforts to strengthen public/ private partnerships. She noted a potential for growth and engagement among geography professionals in government agencies.

Middle States

Henderson relayed that department chairs in the region offered positive reports; some expressed concern with multi-disciplinary programs encroaching on smaller departments and encouraged thinking about ways to feature geography as a discipline even while departments participate in such university initiatives.

West Lakes

Friend reported that the region is pleased with the new allocation of \$1,000 per region of supplemental support from the AAG. He noted that the most pressing concerns are with belt tightening and budget shortfalls in state schools.

East Lakes

Kaplan observed that the region is experiencing economic decline, and this presents a challenge to departments to stay strong in contrast to regional patterns; however, the strength of geography has been to showcase how the discipline can contribute to a region's growth. Departments are seeing growing number of majors. He encouraged AAG to continue to support small departments and standalone geographers.

SEDAAG

Moore shared concern from department chairs in the region with tight budgets and the growing number of non-tenure positions. He noted that the region is also pleased with the \$1,000 per region annual support from AAG.

New England/St. Lawrence Valley

McAnneny reported that programs in the region are also concerned with budgets as well as with securing good data for program reviews. Most programs are largely undergraduate and greater undergraduate participation could be promoted in AAG activities.

SWAAG

Colten noted that there are a growing number of interdisciplinary programs and noted that numerous departments were able to help direct the direction and growth of these interdisciplinary programs, which included inserting geography courses in their curricula.

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Friend led discussion of five themes that emerged from the regional reports: (1) Stand Alone Geographers: he noted the AAG Stand Alone Geographers Affinity group is in place and Council discussed how to engage this constituency in regional meetings and in departments in the regions nationally, (2) Engaging Professional (non-academically based) Geographers: Council discussion centered on how to learn from other organizations that had successfully engaged with public and private constituents, including how we could make annual meetings more appealing; (3) Interdisciplinary Programs: Council discussed how geographers need to be involved in the conceptualization and administration of university interdisciplinary programs, and how departments need to remind university administrators that geography is inherently an interdisciplinary program. Departments must be mindful that many interdisciplinary programs are not pre-professional programs, hence degrees in geography are still of value; (4) Information Needs for Assessments and Program Reviews: It was noted that the AAG Healthy Departments web page has some valuable information that can be used for department assessments and statewide organizations may also have comparable data for assessing programs. It was noted that increasing demands for accountability means increasing need for comparable and accessible data on departments' outcome assessments. AAG is working on a data clearinghouse that includes data collected by the AAG as well as links to third-party sources; (5) AAG promoting geographic research at the national level and retention of geography in K-12 curricula: Council discussed how faculty need to be alert to university initiatives, be prepared to compete for funds, be alert to threats, be on committees and positioned to respond to opportunities, and be involved in multidisciplinary programs as one way to solidify geography's position on campus.

Topical Issues: National Councillors

Dawn Wright led a discussion addressing the questions: (1) What questions should geography be studying over the next 10 years? (2) What makes geographers particularly suited to answer them? (3) What are the greatest challenges facing geographical sciences today? She opened

the discussion by noting that a major challenge/need for geography is in the area of "human capital," (e.g., having enought faculty to maintain and extend geography programs, fighting budget cuts, seeking to change academic culture to fully meet the need of non-tenure track instructors, etc.) and well-staffed departments will enable us to address these questions. Marston observed that focusing training in the geographical sciences more toward coupled human and physical systems and delivering knowledge about these coupled systems is essential to motivate people to change their behavior to deal with environmental changes. Kwan stated that geography is prominent in many important issues but needs to translate its capabilities across specialties, which demands an ability to share a common language with other specialists and convey the importance of what we do. Kobayashi reported that there is a dire need for geographers to engage in international, global endeavors, to make contact with geographers across borders. She cited an example of the Metropolis Project (a study of international migration, the largest social science project ever in Canada) in which U.S. geographers are poorly represented. She also urged more geographers to address world issues, such as securing peace. Harden noted that we need to improve our visibility on campuses, to earn greater buy-in to what we do. She observed that geography is resource-poor compared to some disciplines; so we must seek out opportunities and remind administrators that we teach more, while competing with science counterparts for funding. Price commented that geographers are rarely at the table when policy decisions are made, even though spatial inequalities may be at the heart of the policy issue; our challenge is to position geography to be a "fundamental" and "essential" player. Baerwald asked if there is something that geography can do as a field to address and build fundamental knowledge, are there core fundamental geographic theories (such as in health, policy, planning, management) that we can advance together? What can we collectively work toward as a geographical community (human and physical)? An example in oceanography is the common goal of all sub-disciplines of oceanography to understand El Nino, and a global project such as the Tropcial Atmospheric

Ocean (TAO) experiment moves them as a community toward that end.

Discussion continued and touched on how to construct a campaign that would convey how geography is a fundamental base of knowledge and also how geographers can apply core geography practices to societal needs. Geographic scale is one key contribution that should be conveyed to the larger academic world. Regarding the question posed: what are "burning" concepts in geography? Council discussed how geography has many questions which may need to be prioritized for outside consumption. Richardson noted the significance of the emerging disciplinary synergy among formerly disparate trends in geography, such as between the rapidly growing areas of GIScience and critical theory. Others suggested that our most common goal is how we might better care for the world (e.g., in terms of environmental health of the planet and the well-being of the world's people).

STATUS OF THE ASSOCIATION

Executive Director's Comments

Richardson provided an overview of the association's budget. The change in net assets was positive and more than \$2.1 million for FYE 2007 alone. Total liquid assets were nearly \$8 million as of the date of the council meeting. Financial position reflects AAG programs that have boosted membership, grants and contracts to help grow the discipline, and efforts to create an inclusive annual meeting with "room for everyone." Membership has climbed to over 10,000. The AAG will maintain a separate count of the new Developing Regions membership. Other developments include expansion of space at Meridian Place, initiating efforts to upgrade the association's web site, continuing outreach activities, engagement in policy discussions, promoting geographic education through many programs, including EDGE and support of NCGE.

Finances

Treasurer Marston reviewed the FYE 2007 Audit. The Association currently has total cash and investments totaling \$7.7 million. Most investments are liquid and spread between long- and short-term funds. Total assets rose from \$4.3 million at FYE06 to \$6.6 million at FYE07.

Marston reported that the Executive Committee had discussed a recommendation by Richardson to dedicate a portion of AAG assets to an endowment that would be used to fund long-term association programs and financial stability. Recommendation from Executive Committee was to place \$5 million into a permanent, restricted endowment that would protect the growth in assets from recent years for the long-term benefit of the association.

Council discussed how funds would be invested differently and how interest would be dedicated. The purpose of the endowment would be to provide longterm protection of a sizable portion of association assets, and would build on two existing smaller endowments. Endowment would be invested to protect funds, but at the same time to optimize earnings. Other funds will remain liquid for future needs. Details of this investment will be discussed by the Finance Committee and reported on at the next council meeting. Furthermore, the Treasurer and the Executive Director will report to Council at its Fall 2008 meeting regarding all of the AAG's endowments. Marston moved and Agnew seconded the following motion: The AAG Council resolves that \$5 million in assets of the Association of American Geographers should be placed in an endowment to support longterm development of the AAG. The motion passed unanimously.

Marston concluded that the association books were in great shape, that its funds were in good hands at the association and also as reported by the AAG's accounting firm. Richardson noted that AAG's finances currently go through a higherlevel audit required for entities with substantial external federal grant funding. The AAG staff is also developing an accounting manual.

Richardson outlined a projected budget of \$4.4 million for 2009 based on recurring income, royalties, subscriptions, and the new publications contract. New expenses include additional staff, many new initiatives, inflation, and significant medical and liability insurance cost increases. *Marston forwarded a motion from the Finance Committee to adopt the 2009 budget, Price seconded. The motion passed unanimously*

Advancing Geography Campaign

Richardson discussed the AAG's planned giving program. AAG is developing a letter to circulate to members and retired geographers regarding bequests. Also, AAG annually sponsors a donor's reception to acknowledge donors. Richardson pointed out that departments and individuals can support the new AAG Developing Regions Membership Program by offering gift memberships for colleagues in eligible countries, noting that it is also easier for US members to pay with credit cards than for members in many developing regions.

Membership

Membership numbers over 10,000, with strong student membership. Discussion of retaining members explored options for discounts for multi-year memberships. AAG already offers some special promotions. Richardson accepted Kaplan's suggestion to explore a 5-year membership option. The AAG Lifetime membership category was suggested as a gift from departments for retiring colleagues. Marston reported on the effort discussed at the Fall Council meeting to update income levels for membership dues based on 7 categories at \$25,000 increments with weighted averages of dues. Marston moved and Wright seconded a motion to update the AAG dues structure based on \$25,000 increments, starting at \$25,000 and below, with \$150,000 and above representing the top category. The motion passed unanimously.

Richardson led a discussion of the AAG's new Developing Regions Membership Program. He encouraged Council to help promote the new program among colleagues, distributed examples of multilanguage fliers, and pointed out that fliers in additional languages are forthcoming as resources to produce them are generated.

In light of this new program the Council revisited the idea of changing the association's name brought up a few years ago. With increasing global presence and international membership, Association of "American" Geographers may seem increasingly parochial. Some international scholars, however, have expressed that they favor belonging to association with America in the name. Council also discussed the related issue of "geographers" versus "geography" in the name. Richardson suggested that we let the Developing Regions Membership Program grow and then revisit the idea later on, should it be of interest to do so.

Publications

Richardson distributed copies of the new *Annals* and reported that increased color pages for maps and graphics will be a regular component along with the foreign language abstracts. Other developments include a revamped AAG Guide to Geography Departments and an Amazon.com site to promote publications sales. Council discussion stressed the importance of strengthening the environmental sciences section of Annals. The Association also is moving to put individual articles online. Association will include acknowledgments of geographers who review abstract translations. Editors are moving manuscripts from submission to decision efficiently on a 3-month average. The Fifth issue of the Annals is moving forward; each will have special theme. The first two will focus on Peace and Conflict (2009) and Climate Change (2010).

The *PG* editor, Sharmistha Bagchi-Sen, is willing to serve an abbreviated extension for 2 years. Council reviewed her proposed editorial board and recommended that the editor add a geographer representing the cultural-historical specialty. Moore moved that the Council accept the PG editorial board recommended by Bagchi-Sen with the stipulation that she nominate a board member representing the cultural-historical specialty. Marston seconded. The motion passed with one abstention.

Council discussed overlapping editorial boards and a Council resolution passed in 2005 restricting editors of AAG journals from serving on editorial boards of other AAG journals. Council discussed the desirability of maintaining an open editorial process, to have broad representation on boards. The Council emphasized that the deliberations were not about individuals, but about ensuring an open review process. Council also acknowledged that editors would retain the freedom to select reviewers from outside of their editorial boards. Friend moved and Harden seconded the following motion: As of July 2008, no editor of an AAG journal or a member of an editorial board of an AAG journal should serve as an editor or member of the editorial board of another AAG journal. If an editorial board member becomes the editor of another AAG journal, that editor should resign from the editorial board of the first journal. This action in no way should inhibit any editor from seeking targeted advice from any member of the AAG, including other editors or editorial board members. This action will not affect the composition of any editorial boards approved before June 30. 2008. The motion passed with one abstention.

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Discussion of journals continued covering the impact of articles in special issues and the upcoming survey of journal subscribers.

Meridian Place Operations

Richardson introduced AAG staff and the Council acknowledged their fine work. AAG employs a matrix management system and staff members collaborate on projects as teams.

Richardson noted that the first set of donor bricks was now in place and there is room for additional bricks. New carpet is being laid now while the staff is at this annual meeting. Main initiatives for the next two years include the AAG's Developing Regions Membership Program, the web site redesign, and establishing a disciplinary data clearinghouse. A new web site redesign contract was bid and awarded to BrowserMedia. The new AAG website will include a "content management system" which will allow for easier updating by staff and for new features such as flash media, podcasting, discussion modules, and a job bank module. Richardson anticipated one year until the new system is fully operational.

Educational Affairs

Michael Solem, Director of Educational Affairs, highlighted current AAG educational programs. The EDGE (Enhancing Departments for Graduate Education) project is entering a no-cost extension period to further analyze data collected; He noted the publication of two books resulting from the project (Aspiring Academics and Teaching College Geography) along with several articles; additional material can be found on the AAG website. The Association is working on an NSF-funded Center for Global Geography Education Program. The AAG is also participating in a program to develop ethics for geospatial professionals. Project GeoStart is preparing materials to help teachers develop geo-spatial thinking activities; and development of material for teachers linked to standards. Richardson reported that the AAG continues to support NCGE, is working with GENIP, and continues to manage the visiting Geographical Scientist Program with GTU. The AAG also is collaborating with CIRGE on its study of recent Ph.D. graduates examining the movement of graduates into the workforce and their preparation for its demands. Baerwald thanked Solem for his efforts.

Research and Outreach

Solís reported on current AAG projects using geography and geographic technologies for biodiversity in Central America; State Department funded projects to support basic math and science education in the Muslim World, with workshops scheduled in Davao, Philippines, and in Tunis, Tunisia; and the AAG's My Community, Our Earth involvement with the United Nations Commission on Sustainable Development. Additional proposals are in development or under review. Richardson reported that the AAG has been involved in several specialty conferences: GIScience 2008; Race, Ethnicity, and Place; and Global Dialogues on Emerging Science and Technology. He recently traveled to Eastern Africa and South Africa for State Department sponsored dialogues on geospatial science for sustainable development, and on building collaboration between US and African scientists. He noted that a key aspect of the initiative included working with ongoing local projects and networks rather than displacing local initiatives.

Richardson reported on efforts to enhance information on careers and employment in geography, including a series of AAG Annual Meeting sessions on career opportunities, and the growth of Jobs in Geography events at the AAG meetings and on the AAG's website. AAG is also watching certification efforts. Franklin reported that opportunities are good for geographers and noted that the AAG is applying for a position on the Census Bureau advisory committee, adding that the Census offers great employment possibilities and also supplements education of employees.

AAG continues work on a number of public policy efforts including No Child Left Behind and aftermath of the MAPPS lawsuit. AAG was named a Washington Post Non-Profit of the Year finalist. Richardson regularly writes columns in ArcNews for media outreach. The AAG is taking responsibility for digitizing and making accessible the *Geographers on Film* project, an unrivaled archive. AAG continues to work to advance international collaboration in education and research through many programs, including the recent NSF-funded AAMIGA project.

CONTINUING AND NEW BUSINESS

Annual Meeting

Attendance at the AAG Annual Meeting in Boston is expected to exceed 7,000. Special features will include: a symposium on Indigenous Geographies co-sponsored by the AAG Indigenous Peoples Specialty Group, Charles Mann (AAG's 2008 Honorary Geographer) presenting on his book 1491, an interview with Noam Chomsky by Doug Richardson, and the opening keynote speech by Jeffrey Sachs. A larger format for the printed program was noted. AAG continues its international reception, and numerous other special events and plenary speakers. Also, Solís noted that the new child care information exchange had been launched and was being used via the online e-community as well as through the on-site bulletin board.

AAG is putting together the local support committee for Las Vegas meeting (2009), and has planned newsletter articles on the venue.

Future meetings will be held in Washington, DC (2010), Seattle (2011 – with a contract being finalized), and Council discussed options for 2012. Council supported exploring facilities and options in Tampa and Miami.

Council also discussed the need to consider various options for dealing with larger meetings: including pod casts (which also may support the AAG Developing Regions Membership Program). Council considered exhibit space costs for small presses: AAG will develop option for small presses to share booth space. Council discussed needs of attendees with disabilities as the conferences exceed the capacity of a single hotel. Attendees with disabilities face challenges moving between venues. Juana Ibanez continues her excellent service as Disability Coordinator. AAG accepts applications for special services and makes an effort to accommodate special needs. Council revisited the issue of overlapping specialty group sessions such as the biogeography, paleoenvironmental change, geomorphology, and mountain geography specialty groups. With limited time slots that are not concurrent with sessions, Council requested that Wright seek the input of SG Chairs on the possibility of early morning specialty group meetings.

Wright and Marston introduced some ideas to make the AAG conference more

environmentally sustainable. Suggestions included recyclable tote bags, requesting recycling bins from hotels, requesting pitchers of water rather than plastic bottles, possibly recycling bouquets and unused food, and podcasting plenary sessions. Richardson noted the AAG already now uses shopping bags that attendees can use at the grocery story after the conference; AAG requested and the hotel supplied recycling bins at this Boston conference, and recycling for name badge sleeves is also available. He also noted other ways in which the AAG reduces environmental impact, including online registration which reduces paper use; and greater emphasis on online publications will have similar benefit. For the future, AAG staff is investigating pod-casting; and is considering making the final program available for downloading with print copies upon request. The AAG is also providing an option for members to receive the AAG journals online only.

Visitors to Council

Mark Weiss of the National Science Foundation's Division of Behavioral and Cognitive Sciences visited the AAG Council. He discussed current budget uncertainties. He also noted that NSF panels will look for proposals that offer "transformative" capabilities. NSF remains concerned about bringing under-represented scholars into the funding cycle. Council suggested that NSF consider targeting a portion of funds to comprehensive universities to reach under-represented scholars. Weiss noted that NSF supports collaborative work, so although it cannot directly fund international scholars, it can support international collaborative research.

Election Results

AAG Secretary Colten read the following AAG 2008 election results: The AAG membership elected John Agnew as incoming President and Carol Harden as Vice President. The new National Councillors are: Leslie Duram and William Mosley. Members elected to the Honors Committee are: Paul Knox, Maureen Hays-Mitchell, and Frank Magilligan. The new nominating committee includes: Sheryl Luzzadder-Beach, James Shortridge, and Elizabeth Wentz. Douglas Gamble is the new SEDAAG councillor and Lisa Harrington will serve a full term as councillor elected from the Great Plains-Rocky Mountain region.

The secretary moved that the Council accept the slate of new members for AAG standing committees developed by the Committee on Committees. Agnew seconded. Following discussion the council approved the slate unanimously.

A Councillor is often named to serve on each committee. With departures from council, a few vacancies remain to be filled. Colten would call for volunteers among Councillors to serve on these committees. Once finalized, the updated committee listing for 2008-2009 will be circulated to Council, and published in the AAG Guide.

Colten made the following motion which was suggested by the International Research and Scholarly Exchange Committee: Chairs of regional specialty groups or their designees will serve on the International Research and Scholarly Exchange Committee." Regional specialty groups include: Africa, Asian, Canadian, China, Developing Areas, European, Latin America, Middle East, and Russia, Central Eurasia, and Eastern Europe. The council approved the motion unanimously.

Solís reported that the restructured committees are working well with their newly clarified charges. Richardson indicated that he encourages communication from committees and that the AAG has been working well with the new committee structure to move several initiatives forward. The Enhancing Diversity Committee report had not been received by the time of the meeting, and Council requested a copy when it was submitted. Kaplan who serves as Councillor on that committee indicated that the committee was busy at work.

Baerwald reported that the Constitution and Bylaws Committee is in the midst of clarifying the process for submitting and approving resolutions and petitions, examining electronic voting, and reviewing other points in the AAG Constitution. Richardson pointed out that the committee did not need to craft a document for legal purposes since AAG will have its lawyers review the proposals before final approval.

Discussion continued on the need to update the AAG's governing documents, standing rules, ad hoc policies. The staff has compiled a digital newsletter archive of recent Council resolutions and will be reviewing these and earlier hard copies of past resolutions to inform the overall effort.

Agnew nominated Price to fill the position of new Chair of the AAG

Publications Committee, and Harden seconded the nomination. The question was raised whether this presented any potential conflict with Price's position on the AGS council. Colten noted that AGS council had little direct involvement with its journal. Council approved Price unanimously as Chair of the Publications Committee.

Agnew discussed the upcoming AAG Leadership Workshop to be held at UCLA, June 20-22, 2008. The event will follow the basic pattern of its predecessors, but it will also have a panel representing comprehensive and hybrid departments. A field trip is also planned. Attendance is open to those who may be chairs in the future and not just current chairs. Council noted the new name broadens the reach of the series. Council recommended seeking additional discussion topics from attendees.

Honors and Awards

Richardson reviewed AAG Honors for 2008: Alexander Murphy and Barbara Hildebrant, Gilbert Grosvenor Honors for Geographic Education; Paul Knox, Distinguished Scholarship Award; Richard Wright, Ronald F. Abler Honors for Distinguished Service, Michael Sutcliffe, Gilbert F. White Distinguished Public Service Honors; Lawrence Brown, Lifetime Achievement Honors; Harm De Blij, AAG Media Achievement Award. Others included Charles Mann, AAG Honorary Geographer; David Ward, AAG Presidential Achievement Award: Jacqueline Beyer and Jan Monk, AAG Enhancing Diversity Award, Trudy Suchan, Marc Perry, James Fitzsimmons, Anika Juhn, Alexander Tait and Cynthia Brewer, Globe Book Award, Diana Davis, Meridian Book Award; Eric Olmanson, Jackson Prize, Wendy Bigler, Mel Marcus Award: and others.

Solís mentioned that not all AAG awards are bestowed annually, as in cases where nominations are not received or are not deemed sufficient.

Friend moved and Kobayashi seconded the adoption of two special citations: *Whereas*, Maynard Weston Dow and the late Nancy Freeman Dow have made significant and unique contributions to the history and particularly the oral history of the discipline of geography through the

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Geographers on Film project, a collection of 306 filmed interviews totaling 151 hours with prominent geographers, including hundreds of other thematic film shorts totaling 137 hours that document various aspects of geography.

Whereas, the Geographers on Film project provides tremendous insight into the thought, opinions, circumstances, and lives of a very large number of our discipline's leading scholars and has proven to be a resource of inestimable value, functioning as a repository of geographical lore and information, as a tool for classroom instruction, and as a source of basic data for the furtherance of geographical research.

Therefore Be It Resolved that the Association of American Geographers, assembled in Boston, Massachusetts on the occasion of its 104th Annual Meeting, hereby bestows special recognition of gratitude and honor to Wes Dow and his late wife Nancy for their vision, years of dedication, and truly unique contribution to the Association's history and the history of the discipline broadly.

Council approved the resolution unanimously.

Whereas, Geoffrey Martin has served the AAG in the official capacity of Archivist since 1986, and has dedicated decades of exceptional service to documenting and archiving the history of the association, and more broadly of the history of the discipline; and has offered his vision and efforts to the establishment and functioning of both the AAG Association Archives and History Committee as well as the AAG Archives themselves.

Whereas, Geoffrey Martin has edited and produced a serial, articles, publications, and most notably a trilogy that provides deep insight into several historical geographic leaders and the history of the discipline and has provided both detailed and comprehensive treatment of the history of geography and of the AAG, taking him to 123 archival deposits in 19 countries.

Therefore Be It Resolved that The Association of American Geographers, assembled in Boston, Massachusetts on the occasion of its 104th Annual Meeting, hereby bestows special recognition of gratitude and extends warm appreciation to Geoffrey Martin for his long term dedication and exceptional service in documenting the history of the Association of American Geographers and of the discipline.

Council approved the resolution unanimously.

Editors

Baerwald welcomed AAG Editors meet with Council. Kobayashi to thanked Richardson and the Publications Committee for the new contract and recognized Maier for her excellent performance as Managing Editor. Editors expressed their continued commitment to standard criteria: manuscripts must advance the discipline and reflect original scholarship. She noted being pleased with the topics of the special issues of the Annals and of the response to the initial call for submissions. Harden expressed enthusiasm about the special issues stating that they represent the best of everyone's expectations. Kwan echoed her enthusiasm for the fifth issue and praised the excellent work of Maier and of manuscript reviewers. Bagchi-Sen reiterated appreciation for the work of Maier and referees. She noted that the PG plays an important role as an outlet for emerging scholars. Baerwald thanked the editors for their care and effort with the journals. Richardson noted that the AAG is conducting a survey of readers to help guide publications in the future. Richardson discussed printing extra copies of special issues, publishing the table of contents in the newsletter, international distribution, and efforts to launch special topical fora within the journals. Richardson noted that his goal is to have the Annals become the highest ranked geography journal and for the PG to rise into the top five.

Specialty Groups

Wright reported she will continue to explore ways to respond to the suggestions of Specialty Groups, and would convey items of interest from the Council Meeting at the Specialty Group Chairs' meeting in Boston. Specialty group annual reports are made available online for review by AAG Councillors prior to their meetings.

Council considered a petition for the creation of a new Business Geography Specialty Group. Over 100 signatures were submitted, along with creation documents and supplemental responses to the Executive Committee's questions. A motion to approve the creation of the AAG Business Geography Specialty Group was made by Harrington, seconded by Wright. *Council approved unanimously*.

Richardson reported that the new Stand Alone Geographers Affinity Group meeting was successful. He suggested that the AAG Regional Division should name a Stand Alone Geographer coordinator and that this group could serve as the core for a national level effort. Regional Division Councillors noted the need for regions to compile an inventory of where Stand Alone Geographers were working in their regions.

Future Council and Executive Committee Meetings

Richardson recognized the efforts of the AAG Local Support Committee for the Annual Meeting in Boston. Future meetings: Executive Committee on November 8 in Miami, Council will meet in conjunction with the SEDAAG Regional Meeting in Greensboro on November 22-23. Council will meet March 20-22 in Las Vegas (the weekend before the annual conference).

Resolutions

Council considered the following resolutions:

Whereas, Kavita Pandit, as Vice President, and President of the Association of American Geographers has exercised exceptional leadership in assisting the Association to address the challenges facing the discipline of Geography, has contributed valuable efforts to improve diversity within the association and the discipline, has played an important role in supporting healthy geography departments, and has advanced efforts at internationalization of geography departments and programs, and recognized international members of the association,

Therefore Be It Resolved that the Association of American Geographers, assembled in Boston, Massachusetts on the occasion of its 104th Annual Meeting, heartily thanks Kavita for her leadership of the Association during the past three years, and especially for her efforts to enhance diversity within the discipline and the association, and for her role in supporting internationalization. A motion to approve was made by Marston, and Harden seconded. Council approved the resolution unanimously.

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

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

Therefore Be It Resolved that The Association of American Geographers, assembled in Boston, Massachusetts on the occasion of its 104th Annual Meeting, extends warm appreciation to Past President Kavita Pandit and retiring AAG Councillors Carol Harden, Mei-Po Kwan, and Tyrel Moore for the energy, time, and talent they have contributed to the Association during their terms on the AAG Council.

Kaplan moved and Friend seconded to pass the resolution, which was unanimously approved by Council.

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

Therefore Be It Resolved that The Association of American Geographers, assembled in Boston, Massachusetts on the occasion of its 104th Annual Meeting, thanks the outgoing Chairs and Members of the AAG Committees for their service to the Association, the discipline and the profession during their committee terms.

Kwan moved and Moore seconded to approve the resolution, which was passed unanimously by Council.

Marston offered a word thanks from Council to President Baerwald for his guidance and inspiration. Wilkinson moved and Agnew seconded a motion to adjourn which passed unanimously.

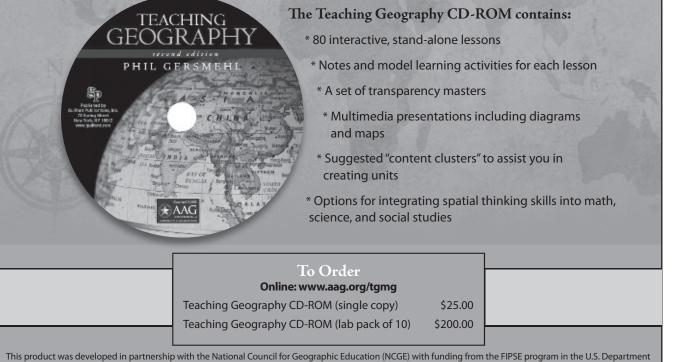
With no further business, Council adjourned.

Respectfully submitted,

Craig E. Colten AAG Secretary

TEACHING GEOGRAPHY CD-ROM FOSTER SPATIAL THINKING SKILLS IN THE CLASSROOM

Spatial thinking skills are an important set of competencies for examining the world around us. The *Teaching Geography* CD-ROM, now available from the AAG, provides lessons that introduce, explain, and demonstrate each of the eight aspects of spatial thinking: comparison, aura, region, transition, analogy, hierarchy, pattern, and association. This interactive CD also introduces three related skills for spatio-temporal thinking: change, movement, and diffusion. This CD accompanies Phil Gersmehl's book *Teaching Geography*, but may also be used as a fully independent resource for crafting powerful classroom lessons and creating units on broader topics.



his product was developed in partnership with the National Council for Geographic Education (NCGE) with funding from the FIPSE program in the U.S. Department of Education. For more information about the CD and related resources, visit the AAG's Teacher's Guide to Modern Geography website at www.aag.org/tgmg.

Antiquarian Society Fellowships

The American Antiquarian Society (AAS) is an independent research library founded in 1812 in Worcester, Massachusetts. The library's collections document the life of America's people from the colonial era through the Civil War and Reconstruction. Collections include books, pamphlets, newspapers, periodicals, broadsides, manuscripts, music, graphic arts, and local histories. Applications for both long- and short-term fellowships are due by January 15, 2009. Visit www.americanantiquarian. org for application procedures, descriptions of other opportunities, and information on AAS programs and collections.

Holberg Prize

The Holberg International Memorial Prize is awarded annually for outstanding scholarly work in the fields of the arts and humanities, social sciences, law and theology. The 2008 recipient was Fredric Jameson. The Holberg Prize was established by the Norwegian Parliament in 2003. See www.holbergprisen. no for details. Deadline for nominations is January 20, 2009.

SSRC Dissertation Fellowship

Applications due by January 30, 2009, 9:00pm EST. To enable humanities and social science graduate students to conduct preliminary research and prepare dissertation research and funding proposals, the Social Science Research Council offers Dissertation Proposal Development Fellowships. Fellows participate in two proposal preparation workshops and receive up to \$5,000 in support of research during the summer of 2009. The fellowship competition is open to all second and third-year graduate students in any discipline of the social sciences and humanities who are currently enrolled full time in a PhD program at an accredited university in the United States and whose research projects and dissertation proposals fit within one of the five research fields listed below. Students awarded fellowships participate in two four-day workshops led by leading scholars of different disciplinary perspectives in each of the fields. Workshop dates are May 28-31, 2009 in New Orleans and September 10-13, 2009 in Philadelphia. The fellowship covers all necessary costs of travel, meals, and lodging for the workshops and provides up to \$5,000 for summer research. For full descriptions of the research fields, eligibility and application requirements, and the DPDF program, visit: http://programs. ssrc.org/dpdf. Fellowship applications are available at http://applications.ssrc.org.

Newberry Library Fellowships

The Newberry Library, an independent research library in Chicago, invites applications for its 2009-2010 Fellowships in the Humanities. The Newberry Library has a collection rich in cartographic materials. Fellowships support research in residence at the Library. Long-term fellowships are available for periods of six to eleven months to postdoctoral scholars who must hold the PhD at the time of application. Applications for long-term fellowships are due January 12, 2009; applications for most short-term fellowships are due March 2, 2009. For more information or to download application materials, visit www.newberrv.org, If you have questions about the fellowships program, email research@newberry.org or call (312) 255-3666.

Pruitt Minority Fellowships 2009-2010

The Society of Woman Geographers (SWG) has announced two national fellowships for 2009-2010. Both are for women in geography and geographical aspects of allied fields and are funded by SWG's Evelyn L. Pruitt Fund.

The SWG National Fellowship Committee invites applications from woman PhD candidates for the annual Pruitt National Fellowship for Dissertation Research Competition. SWG expects to make two or three awards of \$8,000 to \$15,000 for 2009-2010. Applications are due by February 1, 2009 and awards will be announced April 15, 2009.

The SWG also invites applications for the Pruitt National Minority Fellowship Program. Women who are members of a minority group and who have been admitted to and plan to enroll or are enrolled in a Masters program in geography or geographical aspects of an allied field are strongly encouraged to apply. It is expected that one or two awards of \$1,000 to \$5,000 will be made for 2009-2010. The application deadline is May 15, 2009. The award will be announced by July 1, 2009.

Request application guidelines for either the dissertation or minority program from

Dr. Ruth I. Shirey, Chair of the SWG National Fellowship Committee (rishirey@ auxmail.iup.edu). The SWG website is available at www.iswg.org.

Gender, Place and Culture Award

The journal Gender. Place and Culture has introduced an annual award valued at \$1,000 for new and emerging scholars. Priority for this award will be given to current graduate students or faculty members within three years of receiving their PhD who work in departments where little or no money is available for conference participation and who have no recourse to grants from funding agencies such as the Economic and Social Research Council in the U.K. and the National Science Foundation in the U.S. or equivalent. This award is intended to be used for attendance at an international conference of your choice, at which the awardee will present a paper on a topic relating to feminist geography. The successful applicant is expected to use the award within one year of its receipt.

Applicants are asked to submit the following: an abstract of the conference paper (250 word max); a brief CV_i a paragraph outlining how the applicant's research contributes to feminist geography; a proposed budget (for accommodation, travel, conference fees, per diem, etc); conference information including, if possible, confirmation of acceptance of your paper; and a cover letter including your contact details (mailing address, email, and telephone number).

Applications should be sent to Brenda Yeoh at geoysa@nus.edu.sg by January 31, 2009. A decision on the award will be made within 4-6 weeks of this deadline. The successful applicant is expected to submit receipts as well as a one page report within one month of attending the conference.

AAG

Each year, the AAG offers numerous grants and awards. Descriptions of all AAG grants and awards are available on the AAG website at www.aag.org/grantsawards.

PRESIDENT



CAROL HARDEN. Professor of Geography, University of Tennessee. PhD, MA (University of Colorado, 1987, 1975), BA (Highest honors, Middlebury College, 1970).

Service to Geography: AAG Vice President (2008–09); AAG National Councillor (2005–08); member, Geographical Sciences Committee, National Academies of Science (2007–09); member, Research & Exploration Committee, National Geographic Society; chair, AAG

Publications Committee (2006–08); chair, member, AAG Honors Committee (1997–2000); chair (1997–98) and Secretary-Treasurer (1996–97) AAG Geomorphology Specialty Group; chair, Honors Committee, Mountain Geography Specialty Group; former member, Mel Marcus Fund Committee, Finance Committee, Globe Book Award Committee, and Strategic Planning Committee; Publications Officer, Executive Committee member, International Association of Geomorphologists (2003-05); member, IGU Commission on Mountain Geoecology and Sustainable Development (1997–01); member, National Research Council committee (2000-02); chair, SEDAAG Audit Committee (1998–99), member, SEDAAG Honors Committee (1992–93); Steering Committee member, Binghamton Geomorphology Symposia; Co-Editor-in-Chief, *Physical Geography* (2008–); editorial boards of *Physical Geography* (1993–08); *Southeastern Geographer* (1996–03), *Mountain Research and Development* (1993–2000).

Honors, Awards, Grants: Distinguished Career Award, AAG Mountain Geography Specialty Group (2005); Fulbright Research Fellowship (Ecuador, 2004); Angie Warren Perkins Award, Univ. Tennessee (UTK, 1997); Outstanding Teaching Award, UTK Geography (1997); Liberal Arts Research/Creative Award, UTK (1994); "Fellow," Explorers Club (1984–96). Research funding from NSF, USGS, USFS, Fulbright, NGS, AAAS, and local sources.

Professional Experience: Head, Department of Geography, University of Tennessee (1995–2000, interim 2006–07); Development Director, Northwest Outward Bound School (1979–83); Professor, CEPEIGE, Quito, Ecuador (1986); instructor/supervisor, Outward Bound Schools (1972–83); Arctic Institute of North America (1969–71).

Research and Teaching Interests: Human/environment interactions, emphasizing water and watersheds in the Andes and Appalachians; runoff and infiltration processes in mountain regions; geomorphology; water resources.

Publications: Author or co-author of research papers in journals including Geomorphology, Physical Geography, Earth Surface Processes and Landforms, Zeitschrift für Geomorphologie, Mountain Research and Development, Environmental Management, Ambio, and Southeastern Geographer; papers in proceedings volumes, two book chapters, numerous reviews, and one co-authored National Research Council book.

Statement: Even as budgets for education are being squeezed, the need for a geographically literate population has never been greater or more apparent. A new political administration and preparations for a census in the U.S., serious economic changes, and growing concern about the sustainability of resources and lifestyles call the varied and integrative expertise of geographers to center stage. This is no time to be shy, but rather a time of opportunity for the geography profession to turn outward, engage the broader society, build new relationships, and become more visible in the process. We have much to offer. In particular, I would like to see geographers play key, proactive roles in guiding and analyzing the emerging public interest in human/environmental interactions, and forge new collaborations in the process. Making geography more visible will support our ever-crucial efforts to improve awareness of the value of geography in our institutions and educational systems. I would also like to continue to develop the leadership of academic departments and to ensure that the AAG is a welcoming organization for all geographers, especially the growing number of international members.

Books Received

Bassie-Sweet, Karen. *Maya Sacred Geography and the Creator Deities*. Norman, OK: University of Oklahoma Press, 2008. 359 and 22 pp., \$50.00, ISBN 978-0-8061-3957-9.

Church, Richard L. & Murray, Alan T. Business Site Selection, Location, Analysis, and GIS. Hoboken, NJ: Wiley, 2009. 306 and 14 pp., \$120.00, ISBN 0-978-470-19106-4.

Daniere, Amrita & Douglass, Mike, eds. *The Politics of Civic Space in Asia: Building Urban Communities*. London and New York: Routledge, 2009. 239 and 10 pp., n.p., ISBN 978-0-415-46460-4.

Escobar, Arturo. Territories of Difference: Place, Movements, Life, Redes. Durham, NC: Duke University Press, 2008.435 and 17 pp., \$24.95, ISBN 978-0-8223-4327-1.

Eyles, John & Williams, Allison, eds. Sense of Place, Health and Quality of Life. Burlington, VT: Ashgate, 2008. 226 and 19 pp., \$99.95, ISBN 978-0-7546-7332-2.

Featherstone, David. Resistance, *Space and Political Identities: The making of Counter-Global Networks*. Malden, MA: Wiley-Blackwell, 2008. 228 and 11 pp., n.p., 978-1-4051-5809-1.

Hudson, John C., ed. A Love of the Land: Selected Writings of John Fraser Hart. Chicago: The Center for American Places at Columbia College, 2008. 223 and 24 pp., \$27.50, ISBN 978-193006676-2.

Lewis, Robert. *Chicago Made: Factory Networks in the Industrial Metropolis*. Chicago: University of Chicago Press, 2008. 351 and 12 pp., \$40.00, ISBN 978-0-226-47701-5.

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AAG Elections

VICE PRESIDENT (one to be elected)



KEN FOOTE. Professor of Geography, University of Colorado at Boulder; PhD (1982) and MA (1978) (University of Chicago) and BA-Honors (1976) (University of Wisconsin-Madison).

Service to Geography: AAG National Councilor (2002-2005); President, National Council for Geographic Education (NCGE, 2006); Chair, AAG Commission on College Geography II (2000-2002); AAG Representative, Geography Education National Implementation

Project (GENIP) (1999-2005); Editorial board, *PG* (1997-2000); Chair, AAG Honors Committee (2008); North American editor, *Journal of Geography in Higher Education* (1998-2002); Editor, Pathways monograph series, NCGE (2000-2004); VP for Research and External Relations, NCGE (2003-2005).

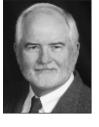
Awards, Honors, Grants: AAG Honors in Geographic Education (2005); AAG J. B. Jackson Prize (1998), Fulbright Fellowship (1998-1999); President's Associates Teaching Excellence Award (Texas-Austin, 1992); National Science Foundation Graduate Fellowship (1977-1981); PI, The Geographer's Craft and Virtual Geography Department projects to develop online educational materials; PI, the Geography Faculty Development Alliance project begun in 2002 for early career faculty, co-PI, the AAG's Enhancing Departments and Graduate Education grant.

Professional Experience: Chair, Department of Geography, UC-Boulder (2002-2005). Assistant professor to Erich W. Zimmermann Regents Professor of Geography, University of Texas at Austin (1983-1999).

Research and Teaching Interests: 1) American and European landscape history; 2) GIScience, especially internet and interactive visualization technologies; and 3) geography in higher education, especially educational technologies and professional development for early career faculty.

Publications: My major books include *Shadowed Ground: America's Landscapes of Violence and Tragedy* (1997 and 2003) and the co-edited *Re-reading Cultural Geography* (1994), *Aspiring Academics* (2009) and *Teaching College Geography* (2009). Recent authored or co-authored articles: "Historical space as narrative medium: On the configuration of spatial narratives of time at historical sites", "Toward a geography of memory", "Creating a community of support for graduate students and early career academics", "Toward better mentoring for early career faculty", and "Journalistic cartography on the web."

Statement: The past decade has seen a dramatic resurgence of geography in academia, business, NGOs, and government. To build on this momentum, I would like to focus on several projects I see as a key to geography's continuing vitality. The first is to strengthen and expand opportunities for professional development. The Geography Faculty Development Alliance and the Enhancing Departments and Graduate Education grant are two projects I have been involved with that are aimed in this direction. I am working now to improve professional development opportunities for the substantial numbers of geographers who are pursuing nonacademic careers. This means sharing strategies among our many successful masters and bachelors programs, as well trying to draw in more faculty from community colleges where geography is growing rapidly. Second, international membership and participation in the AAG is setting new records and, like past AAG leaders, I would like to encourage this trend at all levels, particularly with new efforts to promote collaborative workshops and publications on key issues in contemporary geography as well as in the area of global education. The third, is advocacy and outreach, an area in which the AAG is having tremendous impact--through highprofile interdisciplinary workshops & publications, policy initiatives, and projects intended to diversify and enhance membership.



JEROME E. (JERRY) DOBSON. Professor of Geography, University of Kansas. PhD (University of Tennessee 1975), MA and AB (University of Georgia 1972, 1967), AA (Summa Cum Laude, Reinhardt College 1965).

Service to Geography: AAG: Vice President GP/RM Region (2008-present); Chair Honors Committee (2007-2008); Long Range Planning Committee (2000-2004); Chair GIS SG (1990-1991), Chair Energy SG (1979-1982); Editorial Board *Professional Geographer* (1985-1987). American Geo-

graphical Society: President (2002-present) and Councilor (1997-2002). University Consortium for Geographic Information Science: President (1996-1997).

Honors and Awards: Cartography and Geographic Information Society (CaGIS), Award of Distinction for lifetime achievement (2008). American Association for the Advancement of Science, Fellow (Elected 2007). ESRI Special Achievement in GIS Award (2007). Applied Geography Conference, Citation Award (1991). Society for Technical Communication, Award for Excellence in Scholarly/Professional Articles (1991).

Professional Experience: University of Kansas (2001-present): Professor, Department of Geography. Oak Ridge National Laboratory (1975-2001): Distinguished Research & Development Staff Member. Arizona State University (Fall 1983): Visiting Associate Professor.

Research and Teaching Interests: GIS development since the mid-1970s with emphasis on using GIS to improve traditional geographic research. Interests span physical and cultural themes, presently focused on humanitarian issues. Raised \$2.5 million to send teams of geographers to conduct foreign fieldwork. Work experience spans government, private industry, and academia. Teaching world regional geography, advanced GIS seminar, and "history and philosophy of geographic information science."

Publications: More than 170 publications, including 24 refereed journal articles of which half are in *Annals, Professional Geographer, or Geographical Review*. Titles include: "Bring Back Geography!" "Cartographic Symbols for Humanitarian Demining," "The Panopticon's Changing Geography," "The AGS Bowman Expedition to Mexico," "LandScan: Global Population Database for Estimating Populations at Risk," "Iodine Factor in Health and Evolution," "Spatial Logic in Paleogeography and the Explanation of Continental Drift," "Forest Blowdown and Lake Acidification," and "Automated Geography."

Statement: Geography has entered a new era of prominence and prosperity based on renewed public interest in globalization, war, and sustainability plus rapid diffusion of geographic information technologies throughout society. The first decade has shown encouraging growth in existing geography programs. The next marks of true success will be a burgeoning of new geography departments, a new emphasis on geographic understanding among policy makers, and explosive growth of jobs for geographers in all sectors. Success for the discipline itself is precarious, however, because so few people understand what geography really is. Thus, we need a massive campaign to increase public awareness at every level of business, government, and academia. AAG and its fellow associations (AGS, NCGE, NGS, and others) have demonstrated remarkable cooperation for more than a century. That spirit is essential to promote the discipline as never before. If elected, I will urge every geographer to do one extra thing to aid the cause-an article or lecture informing the public about geography; an op-ed inserting geographic factors into federal, state, or local policy debates; a scholarly article challenging bad science previously developed without considering geography; or whatever they choose. Together, 10,000 strong, we can make this "Geography's Century."

AAG Elections

NATIONAL COUNCILLOR (two to be elected)



DANIEL J. HAMMEL Associate Professor, Department of Geography and Planning, University of Toledo. PhD (University of Minnesota, 1994), MA (University of Minnesota, 1988), BA (Kansas State University, 1984).

Service to AAG: Program Committee, 102nd Annual Meeting of the Association of American Geographers, Chicago 2006, Secretary/Treasurer and Board Member of the Urban Geography Specialty Group 1999-2002.

Professional Experience: Associate Professor, University of Toledo 2005 to present, Geography and Regional Science Program Director, National Science Foundation 2007-2008; Assistant/Associate Professor, Illinois State University, 1993-2005.

Publications and Grants: I have been the author or co-author on more than a score of book chapters, reports and peer reviewed articles in such journals as: *Environment and Planning A, Urban Geography, Geografiska Annaler B, Housing Policy Debate, the Journal of Geography Urban Studies,* and the *Journal of Urban Affairs.* I have been the PI or Co-PI on grants from the National Science Foundation, the Fannie Mae Foundation, and the Ohio Learning Network among others.

Teaching and Research Interests: I have broad interests in geography which is reflected in my teaching. I have taught undergraduate courses in both physical and human geography and graduate courses in research methods and urban development. My research focus has been on gentrification and neighborhood change and more recently on the neighborhood effects of policy shifts in mortgage finance. I have examined patterns of subprime lending and am currently involved in examining the local effects of mortgage foreclosures.

Statement: Like many geographers I was attracted to the discipline the breadth of its questions, its theoretical challenges and the potential to engage in important applied work. My more recent experiences have only reinforced these attractions. As a program director at NSF I gained a renewed appreciation of the breadth of the discipline, and the significant contributions that geographic research makes to the social and natural sciences. As a National Counselor I would support several AAG initiatives that have the potential to fundamentally strengthen the discipline and to expand the influence of geographic research. Geography is represented in a relatively small number of colleges and universities and increasing the number of geography programs, particularly in institutions that have not traditionally included geography, has the potential to substantially broaden and strengthen the discipline. A second initiative involves better preparing our students to work in NGO's, government and industry. Many programs do this successfully with undergraduates, some do so with MA and PhD students, but most programs could substantially improve, and better support, graduate students who choose to work in these sectors. Students with these interests hold great potential to take the skills and perspectives of geography to areas where they can do much to improve the human condition.



AMY GLASMEIER Professor and Head, Department of Urban Studies and Planning, MIT. PhD and MS City and Regional Planning, University of California Berkeley (1986), BS Environmental Studies and Planning, Sonoma State University, (1979). Member and chair AAG Awards Committee (2004-2007), Member, Board of Advisors, NSF sponsored Center for Spatially Integrated Social Science (2000-2002). Member, NSF REU Evaluation Committee (2000). NSF Geography and Regional Science Panel member (2000-2001); Chair and Vice Chair, Economic Geography Specialty Group (1996–2000). Panel member, NSF POWRE program committee (1998); Member, National Academy of Sciences, Board on Infrastructure and the Constructed Environment (1998–2000); Member, National Research Council, Workshop Planning Committee: The EOSDIS Program. Washington, DC. (1998).

Contributing author, AAG Labor Market for Geographers Study committee (1995); faculty member of the Summer Institute in Economic Geography. Founding participant Economic Geography World Universities Network (2002); Editor, Routledge Series on Economic Geography (2004-); Editor, Journal of Regional Studies (2000-2003); Book Editor Journal of Regional Studies (2002-2005); Editor, Economic Geography, the journal (2003-2008); Founding editor of the Cambridge Journal, Regions, Economy and Society (2007-).

Awards: The Pennsylvania State University Rosemary Schraer Mentoring Award. January (2006); the Appalachian Regional Commission's John D. Whisman Appalachian Scholar (2005–2007); Committee on Institutional Cooperation Academic Leadership Fellow (2000-2001); Distinguished Alumni, Sonoma State University (1999).

Professional Experience: Assistant and Associate Professor of Planning, University of Texas, Austin (1986-1992); Associate and Full Professor, Department of Geography, The Pennsylvania State University (1992-2008); Acting Head of Department, The Pennsylvania State University (1995-1996)

Director and Founder, Penn State Policy Studies Center on Energy, Environment and Community Well-Being (2006-2008); Research Affiliate, The Carsey Institute for Families and Communities, University of New Hampshire (2005-2006); Rural Policy Research Institute, Rural Poverty Research Center (2004-); Director, Penn State University's Environmental Inquiry Minor (2003-3008); Faculty Fellow, First and Second Summer Institutes in Economic Geography, Madison, Wisconsin and Bristol, United Kingdom 2003-2004; Fellow, Economic Policy Institute, Washington D.C. (2002-2004); Visiting Professor, University of Oslo, Norway, Comparative Social Science Summer Program, Division of Social Sciences (2000).

Research Interests: I am an economic geographer who works on regional economic development, poverty alleviation, and technological change. I have written five books two focused on the special development problems of rural areas. In 2000 I wrote, *Manufacturing Time: Global Competition in the World Watch Industry,* 1750-2000; my most recent book, published fall 2005 by Routledge Press, *An Atlas of Poverty in America: One Nation, Pulling Apart 1960-2003* examines the experience of people and places in poverty since the 1960s, looks across the last four decades at poverty in America and recounts the history of poverty policy since the 1940s.

Statement: Over the last twenty years, the importance of geography and geographers in the formulation and evaluation of many facets of national policy has grown. Geographers currently serve as members of national academy committees, advisers to federal, state and local agency and government officials, and they direct important national statistical programs, including the Decennial Census. With a new administration entering Washington, geographers have an important opportunity to help shape federal policy and agency practice. As a national councilor I will seek to increase geography's participation in policy contexts at all levels through several measures, including 1) developing an efficient means of disseminating policy relevant research of geographers to appropriate communities; 2) developing mechanisms to assist geographers in translating their work for policy audiences; 3) identifying agency opportunities for geographers to participate in the policy formulation process; 4) strengthen-

Continued on page 28

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January 2009

AAG Elections

National Councillor (two to be elected) -

ing relationships with allied disciplines such as planning and public policy to contribute knowledge to policy; 5) building internship opportunities for graduate and undergraduate students interested in working in policy.



ALLAN JAMES. Professor of Geography, Univ. South Carolina. MSc and PhD (Univ. Wisconsin, Madison, 1983; 1988), BA (UC, Berkeley, 1978).

Service to AAG: Honors Committee (2006-08). Water Resources Specialty Group: Chair (2002-04), Secretary-Treasurer (2000-02), web-editor (1999-2006), Board of Directors (1996-98). Geomorphology Specialty Group: Chair (1995-96), Secretary-Treasurer (1994-95), web-editor (1996-2006), Advisory Board

(1996-98). Led two, three-day AAG field trips to Sierra Nevada from San Francisco (1994; 2007). Nystrom Committee: (2001-Co-chair; 1999).

Other Service: Southeastern Div. AAG - Vice President (2002-04), Program chair (2003, 2004, 2005), Secretary-newsletter editor (1998-2000), state representative (1990-92; 1996-98); Honors Committee (1998). Geological Soc. America, Quaternary Geology and Geomorphology Division - elected Panelist (2005-07). Review Panels - NSF Geography (four). EPA/NSF/USDA (two). National Research Council (1993-95). CalFed Technical Review Committee (2001-2006). Binghamton Geomorphology Symp. steering committee Treasurer (2007-present). Reviewed 11 geography tenure/promotion cases.

Professional Experience, Awards & Grants: USC (1988-present); Univ. Georgia (1987-88); Univ. Oregon (1987). Founding director USC Biogeomorphology Lab (1988-present). Editorial Boards: Professional Geographer (1998-2000); Geomorphology (2005-present); Southeastern Geographer (2003-present); Royale Geographic Society Advancing Geography... book series (2008-present). Co-edited three journal special issues: Water Resources Update, Geomorphology, Natural Hazards Review. Nystrom finalist (1988). Received ~\$450,000 in external grants.

Research and Teaching Interests: Glacial and fluvial geomorphology; flood hydrology/hazards; human impacts on rivers, especially historical sedimentation; watershed/river management; water resources; lab/field methods.

Publications: Author/editor of four books: Management and Restoration of Fluvial Systems with Broad Historical Changes and Human Impacts: Geological Society America Special Paper 451, co-editors Rathburn and Whittecar (in press); The Human Role in Changing Fluvial Systems: Elsevier, co-editor A. Marcus (2006); Watersbeds and Water Resources, Prentice Hall (in revision); Flood Risk Management and the American River Basin: Nat. Academy Press, 11 coauthors (1995). More than thirty book and journal articles in Annals, Physical Geography, Water Resources Research, Quaternary Research, Geomorphology, GSA Bull., Catena, etc.

Statement: As an environmental scientist, I encourage environmental science, stewardship, and knowledge. As a geographer/water-resources manager, I am dedicated to broad multi-disciplinary approaches to teaching and research and cross-cultural exchanges. If elected councilor, I will support AAG initiatives that promote the awareness of international, poly-cultural, environmental, and cross-disciplinary perspectives. The integrative nature of geography has never been in greater demand for understanding complex systems at multiple scales from diverse perspectives. Global change has focused unprecedented attention from the public, media, and Congress on anthropogenic threats to environmental, economic, and cultural systems. A new cycle of international policy formulation will soon begin, and new initiatives from Washington could soon stimulate multi-disciplinary studies. The problems at hand are geographic in nature and require an understanding of the latest theories and technologies while remaining sensitive to the uniqueness of place. The agendas of recent AAG presidents have promoted internationalism, communications within and beyond geography, and environmental studies. These initiatives have strengthened the discipline and positioned us for a new decade of geographic reasoning, so geographers should be ready to get involved in reinvigorated geographic applications. No other discipline melds physical and social science with humanism, ethics, and values, while employing modern geospatial techniques.



JOHN WESTERN. Professor of Geography, Syracuse University. Ph.D. (UCLA, 1978), M.A. (Western Ontario, 1972), B.A. (Oxford, 1968).

Research and Teaching Interests: Qualitative urban social geography, so far pursued in Louisiana, South Africa, London, and now Strasbourg. Multidisciplinary teaching both on campus in the Maxwell School of Citizenship and Public Affairs, and on Syracuse University study abroad programs, for the past 15 years.

Professional Service: AAG Commission on College Geography II (1991-95); Nystrom Award committee (1992); Editorial Advisory Board, *Geographical Review* (1984-91); Comité Scientifique, St-Dié International Geography Festival (1997-99); Chair of Department (2000-03); Proposal reviewer for NSF, American Council of Learned Societies, Social Sciences and Humanities Research Council of Canada, National Research Council (South Africa), and for many journals (including *Annals AAG* and *Professional Geographer*) and publishers.

Honors and Awards: Distinguished Teaching Honors, AAG (2003); Wrigley-Fairchild Award, AGS [from among Geographical Review articles, 1999-2001] (2003); Maxwell Professor of Teaching Excellence, Syracuse University (1999 to present); Phi Beta Kappa (1993); Distinguished Teaching Achievement Award, NCGE (1991); Daniel Patrick Moynihan Award [for untenured social science faculty], Syracuse University (1987).

Publications: Outcast Cape Town (1981, 1996); A Passage to England: Barbadian Londoners Speak of Home (1992); various book chapters; articles and book reviews in Annals AAG, Environment and Planning D: Society and Space, Geographical Review, and Professional Geographer, among others. I'm currently completing a third book, The City of Europe 1907-2007, an ethnographic depiction of Strasbourg/Strassburg in the words of Strasburgers.

Other Professional Experience: High School teacher of Geography, History, & English-as-a-second-language at Matana Mission, Burundi ["Voluntary Service Overseas:" UK Peace Corps] (1968-1970).

Statement: Rather than offer any programmatic statement, I prefer to note "where I'm coming from," implying its coloring of my approach to the issues which might appear on the National Council's table. I was raised in another country, and thereby bring some outsider's perspective, being, as one of my Irish-American brothers-in-law calls me, "The Happy Immigrant." I take great joy in undergraduate teaching. Over the last fifteen years I have also participated in a seven-person multidisciplinary social science teaching team. As its current leader, one of my roles is to mentor beginning faculty. I believe myself to be a team-player, nonconfrontational, and I hope both respectful of my students and supportive of my colleagues. I also bring the experience of having for three years chaired a major research department. A previous post had permitted greater leeway: I was director of a Study Abroad program whose many responsibilities ran from the pedagogic to the pastoral to the legal. For three years I took my students to places of encounter between geography and history throughout western and central Europe. So, having been fortunate enough to have had such varied experiences, I would hope to be able to contribute in a wide-ranging manner.

AAG Elections

AAG NOMINATING COMMITTEE (three to be elected)



JOHN PAUL JONES III Professor and Head of Department of Geography and Regional Development, University of Arizona. PhD (Geography), Ohio State University, 1984; MS (Geography), Florida State University, 1979; BA (Geography), University of Florida, 1977.

Service to AAG: Co-Editor (People, Place, and Region Section), Annals AAG, 2000-2; Editor, Annals AAG, 1996-2000; J. Warren Nystrom Dissertation Awards

Committee, 1996; Associate Editor, *Annals AAG*, 1993-6; Steering Committee, Geographers Network on Politics in America, 1995; Board of Directors, Socialist Geographers Specialty Group, 1993-4; Treasurer, Mathematical Models & Quantitative Methods Specialty Group, 1992-3; Chairperson, Urban Geography Specialty Group, 1991-2; ViceChairperson, Urban Geography Specialty Group, 1990-1; Chairperson, AAG Committee on the Status of Geography in Collegiate Education, 1987-9; Board of Directors, Political Geography Specialty Group, 1986-8; numerous committees for SEDAAG, including Co-chair of Local Arrangements (2001, Lexington).

Honors and Awards: ESRC International Visiting Fellowship, London School of Economics, 2008; Alexander von Humboldt Lecturer in Human Geography, University of Nimegen, 2000; Visiting Scholar, Cátedra Ferrater Mora de Pensament Contemporani, Universitat de Girona, 1996; Research Honors Award, SEDAAG, 1995; Fulbright Fellow, University College Dublin, 1993-4; Pl/co-PI, over \$400,000 in grants from the National Science Foundation.

Research and Teaching Interests: Social and cultural geography; history of geographic thought, geographic theory and methodology, social theory.

Publications: Over 70 articles and book chapters; six co-edited volumes: The Sage Handbook of Social Geographies (2009); Thresholds in Feminist Geography: Difference, Methodology, Representation (1997); Objectivity and its Other (1995); Postmodern Contentions: Epochs, Politics, Space (1993); Applications of the Expansion Method (1992); Geographic Dimensions of U. S. Social Policy (1990).



ROBERT W. LAKE. Professor, Edward J. Bloustein School of Planning and Public Policy, at Rutgers, The State University of New Jersey; Center for Urban Policy Research: Acting Director (1997-1998) and Associate Director (1998-2000); PhD in Geography, University of Chicago (1981), MA in Geography, University of Chicago (1972), BA in Geography, Antioch College (1968).

Research and Teaching Interests: Urban and political geography, community-based planning, community development politics, environmental policy and politics, locational conflict, and social theory.

Service to the AAG: AAG Geographers Network on Politics in America, Steering Committee (1995-2000); Co-organizer and co-chair, Urban Geography Plenary Lecture, AAG Annual Meetings (2006-); Editorial Board member, *Annals of the Association of American Geographers* (1996-2000); Urban Geography Specialty Group: Chair (1984-1986), UGSG Board of Directors (1980-1981, 1983-1985), UGSG Annual Meeting Program Committee Chair (1983-1984), UGSG Long-Range Planning Committee Chair (1985-1986), UGSG Nominating Committee (1986-1987), UGSG Policy Review Committee Chair (1986-1988); Political Geography Specialty Group, Board of Directors (1988-1990).

Other Professional Service: Co-editor of *Urban Geography* (1984-2007); Editor-in-chief, Center for Urban Policy Research (CUPR) Press, 1989-);

Associate Editor, *Journal of the American Real Estate and Urban Economics Association* (1977-1980); Co-Director, Rutgers Community Outreach Partnership Center (1998-2005); NSF Geography and Regional Science proposal review panel (2002-2005); Urban Affairs Association, Publications Committee member (2004-).

Honors and Awards: Research grants and awards from the National Science Foundation, U.S. Department of Housing and Urban Development, U.S. Department of State, Economic Development Administration, U.S. Information Agency, U.S. Congress Joint Economic Committee, National Institutes of Mental Health, Council for European Studies, Ford Foundation, and numerous state and local sources.

Publications: Author or editor of four books and author of more than fifty articles, book chapters, and commentaries in *Progress in Human Geography*, *Urban Geography*, *Political Geography*, *Professional Geographer*, *Antipode*, *GeoJournal*, *Geographical Review*, *International Journal of Urban and Regional Research*, *Journal of the American Planning Association*, *Environment and Planning-A*, *Policy Studies Journal*, and elsewhere.

BIMAL K. PAUL. Professor of Geography, Kansas State University. PhD



(Kent State University, 1988), MA (University of Waterloo, 1980), MSc (University of Dhaka, 1972), BSc Honors (University of Dhaka, 1971).

Service to AAG. Chair, AAG Research Grants Committee (2004-06); Member, AAG Research Grants Committee (2003-04); Member, AAG Affirmative Action and Minority Committee (2002-03): Editor, Asian Geography Specialty Group (AGSG) Newsletter (1998-01); Chairman, The Jacques May Thesis Prize

Committee, Medical Geography Specialty Group (MGSG) (1995-98); Board Member, MGSG (1995-98); South Asia Director, AGSG (1994-96); Secretary/Treasurer, the Great Plains/Rocky Mountain Division of the AAG (1990-93).

Professional Experience. Professor of Geography, Kansas State University (KSU) (2002); Director, South Asia Center, KSU (1998-); Editor, Special Publications, National Council for Geographic Education (NCGE) (2008-); Member, International Board of Directors, Asian Urbanization Research Association (2003-); Advisor, The Academy of Sciences for the Developing World, Italy (2008-); Member, Editorial Advisory Board, The Arab World Geographer (2001-05); Board Member, The Applied Geography Conferences, Inc. (1997-00). Awards, and Grants. Four Senior Research Fellowships (2006, 2002, 2001, and 1997) from the American Institute of Bangladesh Studies (AIBS); Distinguished Service Awards from the AGSG, 2001 and 1997; Service Recognition Award from the Applied Geography Conferences, Inc., 2001; the Jacques May Thesis Prize from the MGSG, 1989; sixteen external grants, including two NSF grants and one Fulbright-Hays grant.

Research and Teaching Interests. Environmental hazards, medical/health geography, population geography, and quantitative methods. Regional interests include developing countries, South Asia, Bangladesh, and North America, including the Great Plains.

Publications. More than seventy refereed and sixty five other publications, including sixteen book chapters. Over 80% of all publications are single authored.

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AAG NOMINATING COMMITTEE (three to be elected) from page 29



SUSAN M. ROBERTS. Associate Professor and Chair, Department of Geography, University of Kentucky; Faculty Affiliate, Gender and Women's Studies Program and Member, Committee on Social Theory, University of Kentucky. B.A. (Hons.), University of Leicester, 1982; M.A. and Ph.D., Syracuse University, 1986, 1992.

Service to A.A.G: Member, AAG Nominating Committee, 2004-6; Member, AAG Nominations Commit-

tee, 2001-2; Member, AAG Scientific Freedom and Responsibility Committee, 1997-2000; Board Member, Political Geography Specialty Group, 1995-7; Board Member, Geographic Perspectives on Women, 1995-7; Member, various South East Division of the AAG committees, 1992-5.

Awards, Honors, Grants: William B. Sturgill Award, University of Kentucky, 2006. University's major prize for outstanding contributions to graduate education. Outstanding Teaching Award, University of Kentucky Undergraduate Geographical Society, 2005.

Research grants from NSF, including several to support doctoral students.

Professional Experience: Chair, Geography, University of Kentucky, 2008-. Director of Graduate Studies, Geography, University of Kentucky, 1999-2001. Member, NSF Advisory Panel (Geography & Regional Science), 1997-9; Member, American Council of Learned Societies Mellon Dissertation Fellowship Review Panel, 2007-. Member, Editorial Advisory Board, *Environment and Planning A*, 1996-2003; Member, Editorial Committee, *Southeastern Geography*, 2008. Visiting Scholar, University of Newcastle, Australia, 2006. Advisor for seven completed Ph.D. students (2001-8), eight in progress. Mentor to three postdoctoral fellows (1995-2008).

Research and Teaching Interests: Economic and Political Geography, Development Studies, History of Geographic Thought.

Publications: author or co-author of articles in journals such as *Annals AAG*, *Antipode, Economic Geography, Geoforum, Professional Geographer, Urban Geography, World Development*, and chapters in various edited books. Co-editor of two books, and co-author (with Andrew Wood) of a forthcoming textbook in Economic Geography.



DOROTHY SACK. Professor, Department of Geography, Ohio University, Athens, Ohio. Ph.D. in Geography, University of Utah (1988); M.S. in Geography, University of Utah (1981); B.A. in Geography, San Diego State University (1977).

Research and Teaching Interests: Geomorphology and sedimentology, particularly in arid and coastal environments; Quaternary paleolake studies; Lake Bonneville; geomorphic impacts of off-road vehicles; history of

geography; history of geomorphology.

AAG Service: Archives and Association History Committee (2006-08), Nominating Committee (2004-05), Geomorphology Specialty Group chair (2003-04), GSG secretary-treasurer-newsletter editor (2002-03), GSG Advisory Board (2004-07), Coastal and Marine Geography Specialty Group secretary-treasurer-newsletter editor (1995-98), guest editor of two issues of *Physical Geography* commemorating the AAG centennial. **Other Professional Service**: Geological Society of America Quaternary Geology and Geomorphology Division Governing Panel (2002-04), GSA History of Geology Division Nominating Committee (1998-01), History of Earth Sciences Society treasurer (1995-01), HESS Nominating Committee (2004-06), editorial board member for *Geomorphology*, *Physical Geography*, and *Earth Sciences History*.

Honors and Awards: Geological Society of America Gladys Cole Research Award, Outstanding Teacher Award from the Ohio University College of Arts and Sciences, research support from NSF, USGS, NGS, AAG, GSA, Utah Geological Survey, Petroleum Research Fund, and others.

Publications: Co-authored physical geography textbook. Articles in *Quaternary Research, Geomorphology, Earth Surface Processes and Landforms, Professional Geographer, Physical Geography, Palaeogeography-Palaeoclimatology-Palaeoecology, Journal of Geography, Smithsonian Contributions to Earth Science, and others. Various chapters in edited volumes. Several Quaternary geologic maps and Quaternary research reports published by the Utah Geological Survey.*



JULIE A. WINKLER. Professor, Department of Geography, Michigan State University. PhD University of Minnesota (1982); MA University of Minnesota (1977); BS University of North Dakota (1975).

Research and Teaching Interests: synoptic climatology, climate variability and change, applied climatology.

Service to the AAG: Publications Committee (2007present), *Professional Geographer* Editorial Board (2005-present); *Annals* Editorial Board (2000-present, 1993-1996); Affirmative Action and Minority Status Committee (2006-2007); Honors Committee (2004-2005); Membership Committee (Co-chair 2002-2005); AAG Secretary (1999-2001); National Councillor (1998-2001); *Annals* Associate Editor (1996-2000); Climate Specialty Group (Chair 1992-1994).

Other Professional Service: Editor, *Journal of Applied Meteorology and Climatology* (2006-present); American Meteorological Society (AMS) Commissioner for Education and Human Resources Programs (2003-present); Department of Energy Climate Science Program Product Development Advisory Committee (2006-present); AMS Board on Women and Minorities (2001-2002); Committee of Visitors for NSF Geosciences Directorate (1997); NSF Review Panel for Geography and Regional Science Graduate Research Fellowships (1997-1999); AMS Board on Meteorological and Oceanographic Education in Universities (1994-2000; Chair 1998-2000); Unidata Policy Committee, 1995-2000.

Honors and Awards: Fellow of the American Meteorological Society (elected 2004); Fulbright Senior Specialist (2003); National Research Council Associateship (1984-1986); PI or co-PI on extramural research grants totaling over 3.1 million.

Publications: Author or co-author of over 40 articles, book chapters and conference proceedings including publications in Annals AAG, Bulletin of the American Meteorological Society, International Journal of Climatology, International Journal of Wildland Fire, Journal of Climate, Journal of Geophysical Research, Monthly Weather Reviewer, Physical Geography, Professional Geographer and Weather and Forecasting.

AAG Elections

AAG HONORS COMMITTEE A (one to be elected)



SARAH WITHAM BEDNARZ Professor of Geography and Associate Dean for Academic Affairs, College of Geosciences, Texas A&M University. PhD (Texas A&M University 1992), M.A.T. (University of Chicago 1974), AB (Mount Holyoke College 1973).

Research and Teaching Interests: Geography Education, Human Geography, Cognition and Spatial Technologies, Education for Sustainable Education,

Curriculum Development, Environmental Education.

Service to AAG: Treasurer/Secretary, Southwest Association of American Geographers (2005-2009); National Councillor (2002-2005); Editorial Board, *The Professional Geographer* (2001-2007); Nominating Committee (1999-2000); Chair, Student Paper Competition, Geography Education Speciality Group (1999, 2000); Representative to GENIP (1991-1996).

Other Professional Service: Commissioning Editor, *Journal of Geography in Higher Education* (2005-present); Member, Advanced Placement Human Geography Test Development Committee (2006-2010); Vice-Chair, Commission on Geographical Education, International Geographical Union (2000-2008).

Honors and Awards: Presidential Professor for Teaching Excellence, Texas A&M University (2008); AAG Gilbert H. Grosvenor Honors for Geographic Education (2007); George J. Miller Award, National Council for Geographic Education (2005); University Distinguished Achievement Award, Association of Former Students (2004); Wakonse Fellow, Texas A&M Center for Teacher Excellence (2004); International Excellence Award, Texas A&M University International Programs Office (1997); Association of Former Students Distinguished Teaching Award College of Geosciences (1997); Texas A&M University International Programs External Advisory Board Award for Outstanding Service Promoting International Education and Awareness (1997).

Publications: book chapters and articles focused on geography education in *Journal of Geography, Journal of Geography in Higher Education, International Research in Geographical and Environmental Education, Social Education, as well as other publications including The Professional Geographer. Member of the team that produced both Geography for Life: The National Geography Standards (1994) and Learning to Think Spatially (2007).*



RICHARD D. WRIGHT Emeritus Professor of Geography, San Diego State University. PhD (University of Kansas, 1967), MA (Indiana University, 1961), BA (Indiana University, 1960).

Research and Teaching Interests: Geographic information systems, cartographic visualization, coastal watershed analysis, U.S. - Mexico border region crossborder decision making.

Service to AAG: AAG Council (1999-2002), AAG International Research and Scholarly Exchange Committee (1999 - 2001), the Professional Geographer Editorial Board (2001 -05), the AAG Advancing Geography Centennial Fund Committee (2002 -05), the Nystrom Award Committee Chair (2005 - present), Cartography Specialty Group Academic Director (1993 - 95).

Other Professional Experience: The International Geographic Information Board of Trustees (1999 -2004), University Consortium for Geographic Information Science(UCGIS) member, 1994 -2004; secretary, 2002; Education Committee Chair, 1997 -2000), UCGIS Model Curriculum Work Group (1998 - 2005), California Geographic Information Association Council Chair (1999 - 2000), California County Planning Commissioners Association President (1990), San Diego County Planning Commission (1985 - 1992), U.S. -Mexico Transboundary Resources Inventory Program Chair (1995 - 98), National GIS/LIS Steering Committee Member (1997 - 99), Water Conservation Garden Authority President (1993 - 96), Otay Water District Board of Directors Member (1993 - 97), California Regional Water Quality Control Board - Region 9 Member (2002 - present, current chair).

Honors and Awards: Ronald F. Abler Honors for Service to the AAG (2008), James R. Anderson Medal of Honor in Applied Geography (2002), National Oceanic and Atmospheric Administration Achievement Award (2000), U.S. National Partnership for Reinventing Government Hammer Award (2002), Phi Beta Delta International Honor Society Local Chapter Scholar of the Year (2001), Phi Kappa Phi Honor Society Local Chapter Distinguished Faculty Inductee (1998), Governors of California and Baja California Binational Flood Warning System Award (2003), County of San Diego, CA Clean Water Champion Award (2003), California Geographic Information Association Award for Outstanding Achievement in GIS Education (1998), San Diego State University Outstanding Faculty Award (2005).

Publications: Pl or Co - Pl of 85 awards, grants, and contracts that have resulted in approximately 100 presentations at AAG meetings and other professional venues and 45 authored or co - authored research articles and reports. Articles are found in *Fremontia* (1991), *GeoInfo Systems* (1992, 1997), Computers, Environment and Urban Systems (1993), Journal of the Urban and Regiona Information Systems Association(URISA) (2002), Raster Imagery in Geographic Information Systems (1996), GIS Solutions in Natural Resource Management (1992), Pbotogrammetric Engineering and Remote Sensing(PERS) (1998), U.S. - Mexican Border Environment. Binational Water Management Planning (2003), Geography Compass (2007), and many refereed articles in proceedings such as The Fourth International Conference on GIS and Environmental Modeling (2000). Edited or co-edited publications include PERS Special U.S. - Mexico Border Issue (1998), URISA Special UCGIS Issue 92000), San Diego - Tijuana International Border Area Planning Atlas (2000, and Tijuana River Watersbed Atlas (2005).

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AAG HONORS COMMITTEE B (two to be elected)



ERIC SHEPPARD. Regents Professor of Geography, and Associate Director of the Interdisciplinary Center for the Study of Global Change, University of Minnesota. PhD (University of Toronto, 1976), MA (University of Toronto, 1974), B.Sc. (University of Bristol, 1972).

Research and teaching interests: Uneven geographies of globalization, trade and capitalist development, the

spatiality of economy; contestations of neoliberalism; development and livelihood strategies; urban politics; environmental justice; critical GIS.

Service to AAG: Annals editorial board (1981-4, 1997-9, 2005-8); Chair, Economic Geography Specialty Group; Chair, Socialist Geography Specialty Group; Board of Directors, Urban Geography Specialty Group; member of the organizing committee, Transportation Geography Specialty Group; Program Committee Member, 1986 AAG national meetings.

Other professional service: Co-editor, Antipode (1985-91) and Environment and Planning A (1998-present); Editorial Board member for ten refereed journals; Member, Committee on Geography, National Research Council; Member, National Research Council 'Rediscovering Geography' Committee; Board of Directors, The National Center for Geographic Information and Analysis (NCGIA); Member, NSF Geography and Regional Science Panel; Panel chair, NCGIA research panel on 'Geographies of the information society'; Chair, North American Regional Science Association; Member of the Advisory Board, UCGIS Body of Knowledge Curriculum Project; Member of the Advisory Board, National Council of Geographic Education's Geographic Education Standards Project.

Honors and awards: Distinguished Scholarship Honors, Association of American Geographers; Regents Professor, University of Minnesota; Fellow, Center for Advanced Studies in the Behavioral Sciences; Fesler-Lampert Professor for the Humanities, University of Minnesota; Scholar of the College of Liberal Arts, University of Minnesota; Distinguished Alumni Award, University of Toronto; Howard G. Roepke Lecture in Economic Geography.

Publications: Books: The Capitalist Space Economy (with T. J. Barnes), A World of Difference (with P. W. Porter), A Companion to Economic Geography (with Barnes), Scale and Geographic Inquiry (with R. B. McMaster), Reading Economic Geography and Politics and Practice in Economic Geography (with Barnes, J. Peck and A. Tickell), Contesting Neoliberalism (with H. Leitner and Peck). Over one hundred articles in refereed journals and numerous book chapters.



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LYNN A. STAEHELI. Ogilvie Professor of Human Geography and Head of the Human Geography Research Group, School of GeoSciences, University of Edinburgh. PhD (University of Washington, 1989), MS (Pennsylvania State University, 1983), BA (University of Washington, 1980).

Research and Teaching Interests: Urban, Feminist, and Political Geography focusing on citizenship, immigration, community activism, and public space.

Service to AAG: Chair, Political Geography Specialty Group; Chair, Scientific Freedom and Responsibility Committee; Chair, Nystrom Committee; Board of Directors, Urban Geography Specialty Group; Editorial Board Annals of the Association of American Geographers (2004-2006).

Other Professional Service: Editor, Gender Place and Culture (1996-2002); Editorial Board Member of Urban Geography (1996-2008), Gender, Place and Culture (2002-), Political Geography (2005-), Urban Affairs Review (2008-); National Science Foundation Advisory Panel, Geography and Regional Science Program (1996-1998; 2003-2004).

Grants and Awards: NSF grants to study: relevance of geographical research, public space, immigration and citizenship; community activism. ESRC grant to study citizenship education and democratization. Rockefeller Foundation Residential Fellowship, Bellagio Research and Study Center.

Publications: The People's Property? Power, Politics and the Public (with Don Mitchell), Mapping Women, Making Politics: Feminist Perspectives on Political Geography (edited with Eleonore Kofman and Linda Peake), Globalization and Its Outcomes (edited with John O'Loughlin and Edward Greenberg. Recent articles in Annals of the Association of American Geographers, Antipode, Environment and Planning A, Environment and Planning D, Gender, Place and Culture, International Journal of Urban and Regional Research, Political Geography, Social and Cultural Geography.



FAHUI WANG. Fahui Wang is professor at the Department of Geography and Anthropology and director of Chinese Culture and Commerce, Louisiana State University. He earned his B.S. in geography from Peking University, China, and his M.A. in economics and PhD in city and regional planning, both from the Ohio State University. His studies cover the spatial and economic structure of systems of cities; urban and regional development in developing countries; job

access, commuting and disadvantaged population groups; crime patterns; health care access, health policy and cancer. His research methods include GIS, spatial statistics, and computational methods. His work has been supported by several federal grant agencies including the National Institute of Justice, U.S. Department of Housing and Urban Development, U.S. Department of Health and Human Services, the National Cancer Institute, and the National Science Foundation. He has published over 40 refereed articles in journals across various disciplines such as geography (e.g., Annals of AAG, Applied Geography, Professional Geographer, Urban Geography, Geographic Information Sciences), planning (Environment and Planning A & B, Socio-Economic Planning Sciences, Planning Practice and Research), criminology (J Quantitative Criminology), health (Cancer, Health & Place, J Medical Systems), and interdisciplinary (e.g., Urban Studies, Papers in Regional Science, Regional Science & Urban Economics). He is the editor of Geographic Information Systems and Crime Analysis (IDEA Group Publishers, 2005) and the author of Quantitative Methods and Applications in GIS (Taylor & Francis, 2006).

Services to AAG: 2004-2007: Vice-Chair, Spatial Analysis and Modeling (SAM) Specialty Group

AAG Elections

AAG HONORS COMMITTEE B (two to be elected)-



MAY YUAN. Brandt Professor of Atmospheric and Geographic Sciences. University of Oklahoma. PhD (State University of New York at Buffalo, 1994), MA (State University of New York at Buffalo, 1992), BS (National Taiwan University, 1987).

Service to Geography: Associate Editor for Americas (since 2008), *International Journal of Geographic Information Science*, Member; editorial boards of *Annals* (since 2005),

International Journal of Geographic Information Science (2001-2007), Transactions in GIS (since 2001); Chair, AAG GIS Specialty Group (2001); Board Member, University Consortium for Geographic Information Science (2004-2007); Secretary, University Consortium for Geography Doctoral Dissertation Research (2003-2004); Member, NSF Geography Doctoral Dissertation Research Advisory Panel (2002-2005), NSF Research Experiences for Undergraduates (Sites) Advisory Panel (2000-2002), EPA STAR/NCER Panel (2006-2007); ad-hoc NSF advisory panels on Information and Intelligence Systems (2007), IGERT (2006), Information Technology (2000); Member, program committees of 14 national or international GIS conferences (since 2003); Member, GEOIDE Network Research Management Committee (to be started in 2009),

Honors, Awards, and Grants: Kinney Gaylord Presidential Professorship for excellence in teaching and research (2001-2005) and Brandt Professorship (since 2008), the University of Oklahoma; International Young Scholar in

Geographic Information Science (1995), NSF and ESF; First Place, Student Paper Competition (1994), AAG GIS Specialty Group. Invited panelists or keynote speakers to 18 workshops and university seminars (2004-2008). Over \$10M research grants (PI/Co-PI; since 1995) from NASA, NSF, DoD, DoE, NOAA, FHWA, and various state and local governments in Oklahoma.

Professional Experience: At University of Oklahoma: faculty (since 1994); associate dean of College of Geosciences (2003-2005); associate dean of College of Atmospheric and Geographic Sciences (since 2006); director, Center for Spatial Analysis (since 2002); member of advisory board to the Vice President for Research (since 2007); university delegate to University Consortium for Geographic Information Science, member of presidential taskforce (2005); member of College and Department Review Panel (2006), member of Oklahoma state delegation to Taiwan and Vietnam (2005); faculty senate (2003-2004); member of research council (2002-2004).

Teaching & Research Interests and Publications: geographic knowledge representation, temporal GIS, spatiotemporal data modeling, algorithm design, and GIS applications to dynamic systems in geography. Courses taught: computer mapping, GIS, GIS applications, GIS design, and GIS Seminar. Publications include 29 refereed articles (since 1995), 6 encyclopedia entries (since 2006), one co-authored book (2007) and one co-edited book (2007), 24 conference papers (since 1992), and four book reviews.

AAG Resolutions

AAG Council Recommends Passage of Amendments to the AAG Constitution and Bylaws

At its Fall 2008 meeting in Greensboro, North Carolina, the AAG Council unanimously passed two resolutions that call for the AAG membership to vote on two resolutions that would amend the AAG Constitution and Bylaws. Those resolutions are printed below.

The first resolution would make targeted amendments to permit voting to take place by mailed or electronic ballot or any other means authorized under District of Columbia law. (The AAG is incorporated in D.C., and it must comply with D.C. laws.) The proposed amendments simply allow for the possibility of electronic voting; they do not require it. When or if the AAG might choose to conduct elections electronically, any members unable to vote by electronic means would be able to request to vote using other appropriate means.

The second resolution would make targeted amendments to reduce ambiguity and confusion in the current AAG Constitution and Bylaws regarding the use of petitions and resolutions. The Council believes that these changes will facilitate greater democracy in the actions and operations of AAG by providing a clearer process for AAG members to bring issues to the attention of the AAG membership and its elected leaders and by providing mechanisms to increase the likelihood that actions and public statements of the AAG reflect the views of its members.

The Council does not believe that these amendments would structurally alter the AAG's governance in any significant ways. Other organizations that have adopted electronic voting have seen increases in the participation of members in elections. The AAG might also experience considerable cost savings through the use of electronic media, especially in cases where special ballots must be sent to the membership as a whole.

With respect to petitions and resolutions, current mechanisms for petitioning for action by Council or for adopting resolutions remain in place. The amendments provide opportunities for Council or a group of 50 or more members to ask for resolutions adopted at the annual business meeting be voted on by the membership as a whole, however, thereby ensuring that such resolutions reflect the views of a majority of the membership, not just those members who are able to attend the annual business meeting.

Copies of the proposed amended Constitution and Bylaws are accessible on the AAG web site at www.aag.org/election/2009. Copies of these amended governing documents can also be obtained by writing to Amended Constitution and Bylaws, AAG, 1710 16th St, NW, Washington DC 20009.

The AAG Council unanimously recommends passage of both resolutions below.

RESOLUTION of the MEMBERS of the ASSOCIATION of AMERICAN GEOGRAPHERS: To Revise the AAG Constitution and Bylaws to Allow for Electronic Voting

The Members of the Association of American Geographers ("AAG"), a District of Columbia nonprofit corporation, adopt the following resolutions

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AAG Resolutions from page 33 -

in accordance with Article VIII of the AAG Constitution and Article 10 of the AAG Bylaws:

WHEREAS, the AAG Council has approved revisions of the AAG Constitution and Bylaws, as set forth on the attached amended versions of the AAG Constitution and Bylaws, which will permit the AAG Members to use email, web-based services and other electronic means to conduct elections and to vote on all other matters; and WHEREAS, prior to amending the Constitution and Bylaws, the Constitution and Bylaws require that any changes to the Constitution be approved by a majority of AAG Members voting either at a regular meeting, or by ballot; and that any changes to the Bylaws be approved by a majority of AAG Members voting at an AAG Business Meeting.

NOW, THEREFORE, IT IS HEREBY: RESOLVED, that the AAG Members, having reviewed the proposed revisions to the AAG Constitution and Bylaws, hereby approve the following revisions; FURTHER RESOLVED, that the Bylaws shall be amended to include a new Bylaw Section 2-c which reads as follows: "c. Voting by Members. All members of the Association shall have a single vote to cast in all matters. Member voting shall be conducted in a format and manner determined by the Council and as set forth in these Bylaws, including but not limited to mailed or electronic ballot, or by any other means authorized under applicable District of Columbia law. Members unable to vote by electronic means shall have the option by request to vote by other appropriate means;" and FURTHER RESOLVED, that Articles IV.1 and VIII of the Constitution, and Sections 1, 2.b, 6, 10, and 11 of the Bylaws shall be amended to provide for electronic voting by the AAG Members; and FURTHER RESOLVED, that the AAG Members, having reviewed the proposed amended Constitution and Bylaws, hereby approve the amended Constitution and Bylaws hereby resolve that all appropriate and lawfully required steps be taken to amend the AAG Constitution and Bylaws to allow for electronic voting.

RESOLUTIONS of the MEMBERS of the ASSOCIATION of AMERICAN GEOGRAPHERS: To Revise the AAG Constitution and Bylaws to Facilitate the

Use of Petitions and Resolutions

The Members of the Association of American Geographers ("AAG"), a District of Columbia nonprofit corporation, adopt the following resolutions in accordance with Article VIII of the AAG Constitution and Article 10 of the AAG Bylaws:

WHEREAS, the AAG Council has approved revisions of the AAG Constitution and Bylaws, as set forth on the attached amended versions of the AAG Constitution and Bylaws, that will eliminate ambiguity and confusion in the current AAG Constitution and Bylaws regarding the use of petitions and resolutions, and will facilitate greater democracy in the actions and operations of AAG by providing a clearer process for AAG members to bring issues to the attention of the AAG membership and its elected leaders and by providing mechanisms to increase the likelihood that actions and public statements of the AAG reflect the views of its members; and WHEREAS, prior to amending the Constitution and Bylaws, the Constitution and Bylaws require that any changes to the Constitution be approved by a majority of AAG Members voting either at a regular meeting, or by ballot; and that any changes to the Bylaws be approved by a majority of AAG Members voting at an AAG Business Meeting.

NOW, THEREFORE, IT IS HEREBY: RESOLVED, that the AAG Members, having reviewed the proposed revisions to the AAG Constitution and Bylaws, hereby approve the following revisions; and FURTHER RESOLVED, that the Constitution shall be amended so that Article V-2 shall read as follows: "Section 2. Business Meeting. A Business and Special Awards Meeting shall be held during the Annual Meeting. During the Business Meeting there shall be reports of the officers, and such other business as has been placed on the Agenda by the Council or as proposed by the membership under pertinent rules established by the Council within the scope of Article IV, Section 3, of this Constitution. The Agenda shall be posted during the opening day at the annual meeting. All resolutions adopted by the Council or by an Annual Business Meeting must fall within the scope of the objectives of the Association of American Geographers as stated in Article II of the Constitution; those outside the scope of these objectives are to be ruled out of order. Petitions and resolutions must be submitted in writing or by email to the Executive Director. Petitions and resolutions may be submitted at any time, but if the petitioners would like a resolution considered at the Business Meeting, the petition and resolutions must be submitted in writing to the Executive Director at least 24 hours in advance of the Annual Business Meeting, and must be prominently posted by the same deadline at the Meeting." and FURTHER RESOLVED, that the Bylaws shall be amended to include a new Bylaws Section 6, which shall read as follows: "Section 6. Petition and Resolutions. a) Fifty (50) or more members of the Association may formally petition the Council to initiate an action or to reconsider an action previously taken by the Council or at a Business Meeting. b) The Council may choose to submit petitions and other matters of concern to the Association Membership for a mail or electronic vote at any time if it so chooses. If the Council submits a petition to the membership, the issue to be voted upon may be accompanied by brief statements from the original petitioners and by those holding opposing views. The Council may also provide a statement from the Council regarding its recommendation for the issue. c) The Council (or the Executive Committee acting on behalf of the Council) will consider each petition in as timely a manner as possible, and the petitioners will be informed of Council (or Executive Committee) action as soon as is feasible. Such actions will be reported to the Association membership through the Council meeting minutes. d) If a petition results in a resolution that is passed by the Council or passed by a majority of Association members present at a Business Meeting, a petition of fifty (50) or more members may request that the resolution be voted on by the Association membership as a whole. If the petition is deemed by the Secretary to be in good order, the Council must submit the resolution to a vote of the membership. e) If a petition requests the Association to make a public statement on behalf of the Association membership, the public statement must fall within the scope of the objectives of the Association as specified in Article II of the Constitution, and it must be in accordance with the guidelines for public statements as outlined in the Standing Rules. The Council shall determine whether petitions fall within the scope of the Association objectives;" and FURTHER RESOLVED, that Bylaws Section 11 shall be deleted; and FURTHER RESOLVED, that the AAG Members, having reviewed the proposed amended Constitution and Bylaws, hereby approve the amended Constitution and Bylaws and resolve that all lawfully required steps be taken to amend the AAG Constitution and Bylaws to allow for provide greater clarity regarding the use of petitions and resolutions.

AAG Election Ballots must be received by March 12, 2009. See page 28 for Ballot.

The AAG welcomes the following new members.

Abbenante, Dominic Abel, Trov Acenas, Jonathan Achrekar, Vinay Adair, Allan Adams, Deanna Adhikari, Sudeepto Adriano, Joseph Adu-Prah, Samuel Ady, Catherine Agbalog, Rose Aggarwal, Surinder Agunbiade, Muyiwa Ainz, Gerhard Aiamian. Anne Alam, Bhuiyan Ali, Khawaja Faran Alice, Schoen Al-Jawarneh, Rana Allard, Jason Allen, William Alpern, Jenner Ambers, Rebecca Ames, Christopher Ananthanarayanan, Sriram Andrew, Clark Andrew, Kelton Anselm, Marie Antonios, Vradis Anwar, Nausheen Arabindoo, Pushpa Arenas, HelberT Arik, Hulya Ash-Duke, Barbaree Ashmore, Wendy Atkinson, Emily Atkinson, Ray Attoh, Kafui Aultman, Jennifer Austin, Anna Austin, David Bai, Nansheng Baklanov, Petr Baldwin, Shawn Ball, Jonas Ballinger, Clint Barney, Jacob

Barnfield, Andrew Baskaran, Latha Malar Bataineh, Mohammad Battersby, Jane Baylis, David Beckage, Steve Bedard, Yvan Beerepoot, Niels Behari, Punam Benante, Christina Benjamin, Bishop Ben-Moshe, Liat Bennett, Terri Benson, Melinda Benza, Magdalena Benzek, Stephen Berchak, Katie Berndtson, Rachel Beyazit, Eda Bhattacharyya, Kumkum Bhattarai, Anil Bicik, Ivan Binkley, Lisa Birk, Jasmine Bishop, Mark Blankinship, Timothy Blay-Palmer, Alison Blumhoefer, Molly Boal, Frederick Bogue, Nadia Boissonnade, Auguste Bolla, Andrea Bompan, Emanuele Bose, Nupur Bottini-Havrillay, Barbara Boucquey, Noëlle Boulton, Andrew Bouvier, Robert Boyer, Kate Bradley, Megan Brail, Shauna Breckheimer, Ian Bredemeyer, William Breen, Sarah-Patricia Brod, Jordan Brooks, Amanda

Brooks, Jonathan Brower, Jason Brown, Randi Brown, Sarah Brozen, Madeline Brunk, Corey Buang, Amriah Buckley, Brendan Budhathoki, Nama Buford, Mary Bullamore, Margaret Burkhardt, Robert Burkholder, Aaron Burkle, Aaron Burlingame, Melissa Burman, Anna Burns, O'shannon Busa, Alessandro Bush, Jeffrey Butler, Joel Byers, Evan Cablk, Mary Calabro, Neil Cali, Jelena Callahan, Marie-Louise Campbell, Donovan Campbell, Glenn Canas, Carlos Candace, Wheeler Cannon, Jennifer Cannone, Mauro Cao, Kai Carey, Erin Carlson, Gretchen Carr, Jennifer Carrera, Jennifer CArson, Eddie Carte, Lindsey Cartlidge, Lucy Cartlidge, Matthew Carton De Grammont Lara, Palom Carvalho, Paulo Carvill, Sarah Casady, Grant Castela, Tiago Castro, Christian Cavello, Seth

Caven, Emily Celata, Filippo Chai, Yanwei Chappell, Beth Chase, Brandon Cheek, Jonathan Chen, Chen Chen, Rui Chevalier, Magali Eve Chisholm, Laura Christian, Jenna Christian, Charles Chu, Vena Chum, Antony Chung, Christine Chung Tiam Fook, Tanya Chute, Mahlon Clare, James Clark, William Clark, Josh Clark, Lesley-Anne Clarke Thrush, Eliza Clinton, Nicholas Cobb, Neil Cochran, Robert Cohen, Jason Commerford, Julie Conroy, Tim Cons, Jason Conway, Moira Cook, Matthew Cooke, Lisa Cooper, Mark Coppola, Laura Cornell, Kelly Cornwell, Myriah Corriveau-Bourque, Alexandre Cortez. Samuel Cote, Mark Covington, Ryan Cox, Janelle Craft, Eric Crawford, Jeffrey Crowsey, Rick Cruz, Natacha Cullen, Declan

Cumming, Gabriel Cummings, Katherine Cummins-Russell, Thomas Curran, Richard Curtis, Mary Daftary, Dolly Dahal, Khila Dahal, Smriti Dam, Ivy Daniel, Isaac Daniere, Amrita Dara-Abrams, Drew Das, Diganta Kumar Das, Suparna Dasgupta, Debanuj Davis, John Davis, Emily Jane Davis, Gayle Day, Christopher Deakin, Robert Deaner, Hugh Debrix, Francois Debruyne, Pascal Decker, Paula Deng, Chengbin Denk, Deanna Derosa, Jeffrey Desrochers, Jared Devine, Jennifer Diaz, Flor Dinaburg, Jennifer Dodge, Ryan Doherty, Carolyn Doltz, Karen Domagal, Caitlin Dongre, Arjun Donovan, Sean Dornak, Lynnette Drbohlav, Dusan Drews, Stephanie Druen, Joshua Dubayah, Ralph DunMire, Brian Dupuis, E. Melanie Dusault, Catherine Duttagupta, Moumita Dymkowski, Thad

New Members continued

The AAG welcomes the following new members.

Dzurova, Dagmara Eastwood, Erin Eckhoff, Erik Edgar, Tim Edwards, Stephen Eissler, Craig Eiswerth, Mark Enger, Cory Enwright, Nicholas Epstein, Brian Erik, Baros Ervin, Daniel Espinoza, Kathleen Esser, Daniel Etzler, Salena Evenson, Grey Everett, Matthew Faggian, Alessandra Fahey, Dan Farnes, Derek Farnsworth, Diane Fassi, Stephen Fawley, Ethan Fazio, Mike Feldman, Marcos Feng, Lisi Fidler, Joshua Field, Kenneth Figueroa, Meleiza Finlayson, Caitlin Fisher, Rick Fitts, Jennifer Fitzwater, John Flannery, Wesley Flatman Watson, Sheelah Fleming, Scott Flint, Courtney Florinda, Klevisser Folch, David Fong, Melissa Forest, Patrick Foster, Alec Fraley, Grant Frates, Michael Frayne, Bruce Frempong, Foster Frontz, Richard

Fugikawa, Laura Sachiko Fumia, Doreen Ga Er Rang, Fnu Gabathuler, Cedric Galloway, Emily Galster, Josh Galvin, Stephen Ganzey, Sergey Gao, Peng Garfinkel, Scott Garlock, Christopher Garrett, Bonnie Garrett, BradleY Gaskins, Andrew Gauthier, Donald Geraldine, O'donnell Gerber, Katie Ghertner, D. Asher Ghosh, Ashok Gibson, Rachael Gilbert, Angela Gilbert, Sara Gillespie, Sundaran Giri, Chandra Goebel, Alison Goerisch, Denise Gong, Binglei Goodman, Rebekka Goodwin, Scott Gopakumar, Govind Gordon, Lee Gorsevski, Virginia Graae, Joshua Grabbatin, Brian Graddy, Garrett Granados-Dieseldorff, Pablo Greve, Adrienne Gribat, Nina Grobelski, Tiffany Grochowski, Janelle Guardiola, Maite Guertin, Laura Guha, Arijit Guida, Ross GuTshall, Emily Nichole

Haas, Johanna Haft, Adele Hall, Bethany Hamilton, Steven Hanchett, Chelsea Haney, Christine Hanley, Richard Hanney, Jack Hannikainen, Outi-Kristiina Hansen, Melissa Hanson, Jon Hanson, Anne-Marie Hara, Shinji Hardwick, Christine Hardwidge-Hiett, Sam Hart, Melissa Hart, Sarah Harvey, Craig Harvey, Brian Hawley, Patrick Hazlett, Susan Hebert, Karen Heimann, Richard Heller, Elizabeth Helms, Warren Hensler, Bruce Henson, Susan Henson, Zac Hermstad, Daniel Heroux-Bynum, Michele Herrington, Kelsey Hicks, Alston Hochella, William Hoernig, Heidi Holmes, Melinda Honchell, Amy Hong, Jung Eun Hood, Dezirae Hooper, Melissa Hooper, Barbara Hoover, Kelli Hotsenpiller, Katy Houghton, Jennifer Houlton, Shelrie Howard, Sarah Hoy, Elizabeth

Hovos, Natalia Huff, Brad Hunt, Catherine Hunt, Kevin Huntington, Orville Huron, Loraine Huson, Rachael Hyrapiet, Shireen Iashvili, Ia Iaukea, Sydney Incekara, Suleyman Irwin, Sabrina Isaacson, Michal Isham, Bethany Jallow, Mamie James, Brock Jan, Najeeb Janiec-Grygo, Milena Jankowska, Marta Janska, Eva Jantz, Patrick Jeffery, Thomas Jenner, Keri Jennifer, Snyders Jeremiah, Wagstaff Jiang, Zuoning Johnson, Kenneth Johnson, Sara Johnson, Shari Johnston, Caleb Johnston, Connie Jokela, Salla Jones, Andre Jung, Il Won Justiniano, Ivelisse Kaminowitz, Mara Kamprowski, Jason Kang, Min Jo Kanning, Mark Kar, Devyani Karaburun, Ahmet Karaman, Ozan Karanth, Krithi Kellam, Marcus Kellerman, Devin Kenna, Therese Kennedy, Linda Kenney-Lazar, Miles

Kiimann, Hele Kim, Jinwon Klaas, ZaChary Klassen, Ann Klein, Robert Kleitches, Larry Klepek, James Kline, Charles Koch, Michael Koderman, Miha Kodysh, Jeffrey Kopacka, Ludvik Kovacs, Elaine Kratz, Molly Krumwiede, Brandon Kumar, Manoj Kuras, James Kusler, Jennifer Lafone, H. Laird, Neil Lannon, Heidi Lanz Oca, Enrique Lapoma, Jennifer Larson, Michael Larson, Phillip Laura , Thornton Lawrence, Barbara Layman, Charles Lazarus, Naomi Lea, Tess Lebel, Brittany Lebel, Alexandre Lee, Sangyun Lee, Joomi Legrid, John Lei, Ting Lemieux, Marie-Eve LemMons, Kelly Lesage, James Li, Dongquan Li, Jun Li, Naicong Li, Wenkai Lian, Huang Lill, Elaina Lin, I-Hui Lin, Jun-Hua Lincoln, Martha

The AAG welcomes the following new members.

Linderman, Marc Linkola, Hannu Lisa, Chaudhari Litvak, Vladimir Liu, Xingjian Liu, Zhiqiang Locke, Catherine Loebach, Janet Lopez Mares, L. Marcela Loretta, Miles Loritz, Jamie Lotz, William Louail, Thomas Lu, Qifeng Luetke, Petra Lustig, Nicholas Lutes, Roy Lynch, Jonathan Lyons, Andrew Macchitella, Ubaldo Macdonald, Trilby Mackenzie, Catrina Maclennan, BarbaRa Maclin, Edward Macpherson, Megan Major, Claire Malik, Mariam Malmstadt, Jill Malone, Aaron Maloof, Andrew Mann, Kathryn Mantegna, Agostino Marchand, Rebecca Marcotullio, Peter Margalit, Talia Margocsy, Daniel Margoles, Daniel Marshall, David Martens, Frederick Martin, James Martinez, Tony Mateos, Pablo Matthews, Kevin Matthews, Jackson Mayer, Heike Mccown, Andrew

Lindeman, Dale

Mccullough, Matthew Mcgown-Baird, Sarah Mcgraw, Alexis Mckinney, Nathan Mclean, Dylann Mcphee, Siobhan Mcvey, Colleen Mcwatters, Mason Meagher, Sharon Medova, Lenka Meek, David Melillo, Edward Meriam, Emily Mernin, Todd Meyerhoff, Eli Michalek, Martina Michiels, Nicole Miller, Laura Miller, David Miller, Jane Millheim, Kenneth Mink, Philip Mirmelstein, Jeremy Mishra, Niti Mitchell, Brian Mitchell, Destiny Mitchell, Garrett Mitchell, John Mkandawire, Paul Mock, Corey Mohd Jani, Jarina Molnia, Bruce Mondal, Pinki Monkkonen, Paavo Monroe, Jennifer Mooney, Teri Moore, Jamila Morse, Lauren Moye, Valerie Mueller, Josh Muhammad, Rahim Mukhtar, Ado Bichi Myer, Jennifer Nakazawa, Yoshinori Nakhshina, Maria Narayanan, S Nasen, Lawrence Ndegeah, Samuel

Neal, Zachary Negi, D. Nelson, Bethany Nesbitt, John Netrdova, Pavlina Neufer, Savannah Ng, Li Na Ngo, Mary Niblett, Matt Nicole, Alleyne Nicoll, Conrad Nobert, Sebastien Noxolo, Patricia Nwankwoeze, Chijioke Nyarko, Benjamin Kofi Oconnor, Kevin Oh, Jinhwan Okamura-Johnson, Sabrina Oliver, Norman Omoregie, Peters O'neil-Dunne, Jarlath Ong, Fred Ortiz, Catalina Osano, Philip Osborne, Jesse Oscar, Gonzalez Oswald, John Owen, Karen Owen, Kirsten Owens, Patsy Owusu, Thomas Pan, Fenghua Papenheim, Dominik Parece, Tammy Pares, Marc Park, In Kwon Pathak, Prasad Paulet, Mary Payne, Adam Peneva-Reed, Elitsa Perez Castro, Magda Liliana Perez-Burgos, Javier Peters, Samantha Petersen, Brian Phillips, Scott Phillips, Cynthia

Pianka, Michael Pihet, Christian Pingel, Thomas Pipkin, Ashley Plumridge, Heather Bedi Pomeroy, Patricia Popinchalk, Anna Popuch, Elias Poulsen, Ray Prabhakara, Kusuma Praskievicz, Sarah Preziuso, Marika PRice, Robert Pritchard, Matthew Purcell, Kirsten Oin, Hua Quesnel, Anne Rahn, Jared Rajasekar, Umamaheshwaran Ranieri, Joanna Rantisi, Norma Rausch, Lisa Ray, Hill Ray, Johnson Rediker, Julie Rega, Lari Reif, Megan Reiz, Nicole Rennermalm, Asa Renwick, Kelly-Ann Rhew, Robert Rhoads, Michael Rice, Anthony Rice, Gareth Richmond, Chantelle Rietz, Nicole Riggle, Matthew Ritz, Thor Rivera-De Jesus, Michael Roberge, Roger Roberts, Allen Roberts, Erin Roberts, Shadrock Robichaux, Rex Robidoux, Scott

Robles, Edna ROdengen, Christopher Rogers, Chris Rohrs, Kimberly Roman, Michael Romero, Adam Rondinone, Antonella Ronning, Kristen Rood, Alison Rooke, Alison Rostant, Luke Rother, Monica Rountree, Tyler Daniel Roux, Jonathan Rowhani, Pedram Rowley, Brandon Ruark, Daniel Rubin, Zach Ruffing, Claire Ruiz, Jorge Rumpel, Petr Russell, Steven Rvan, Sadie Safi, Ahmad Sakamoto, Jon Salehabadi, Djahane Sales, Marcio Sams, Brent Samuel, Helmle Samuelson, Michael Sani, Hassan Sasges, Catherine Saunders, Miles Scassa, Teresa Schein, Elisabeth Scheitlin, Kelsey Schele, Elaine Schinazi, Victor Schuckman, Michael Schumacher, Andrea Seal, Kathleen Seelye, Irene Seiler, Leslie Sertel, Elif Setyowati, Abidah Shannon, Jerry Shepston, Desserae Shillington, Luke

New Members continued

The AAG welcomes the following new members.

Shimantini, Shome Shipley, Thomas Shmookler, Rachel Shukaitis, Stevphen Shuster, Matthew Sieracki, Lawrence Siewe, Siewe Silver, Jennifer Simmons, Lizbet Simons, Nicole Singh, R. Sink, Todd Siodmak, Erin Sit, Victor Skaggs, Kate Slabe, David Sledge, Jeffrey Slonecker, Terrence Smith, Emily Smith, Kevin Smith, Denis Smith, Katrina Smith, Emily Smith, Dan Solander, Kurt Son, Jae Soen Sopher, Jacob St. Andre, Christopher Stamper, Terri Steacy, Chad Stefan, Al Stenehjem, Jacquelin Stevens, Jennifer

Stevens, Tyler Stevenson, Joanne Stine, Melanie Stoltz, Christina Stonecypher, Diane Stonehouse, Jerry Strand, Jonathan Strange, Jason Streufert, Joshua Stubbs, David Su, Xiaobo Sullivan, Rob Supboon, Chutima Svajlenka, Nicole Svastisalee, Chalida Swales, Stephen Swanson, Steve Sykes, Brooke Tal, Gil Tam, Pak Wai Tang, Zhenghong Tasker, Victoria Taylor, John Teale, Chelsea Temkow, Margaret-Rose Terranova-Webb, Ariel Thakur, Baleshwar Thomas, Justin Thomas, Bryan Thomas, Laura Thompson, Emily Thorne, Karen

Tobgay, Tshering Tochterman, Brian Todd, Stella Tomlinson, Leslie Tomlinson, Richard Toomey, Michael Townsend, Christi Toye, Nicholas Travis, William Trease, Andrea Trzopek, Alicja Turgeon, Mark Usher, Abigail Vakulenko, Irina Vallencourt, Angela Nicole Van Dooren, Thom Van Dyke, Chris VandersmissEn, Marie-Helene Vasey, Huw Vergara, Dante Gideon Vodden, Kelly Vogelpohl, Anne Voguit, Steve Wakefield, Kelly Walker, Andrew Walker, William Wallace, Timothy Walls, Kristn Walsh, Kaitlin Walton, Beth Walton, Elizabeth

Wan, Wai-San Sancia Wandersee, Sarah Wang, Dali Wang, Lei Wang, Dongdong Wang, Huangji Wang, Kai Wang, Ting-Jieh Wang, Xiaoguang Washington-Ottombre, Camille Watkins, Dustin Watkins, Lisa Webb, Jennifer Weir_smith, Gina Welch-Devine, Meredith Wenhui, Zhao Westerbeck, Lisa Whipple, Alan White, Nicholas Whitley, Kirby Whitney, Ryan Whitton, Rebecca Widener, Jeffrey Wiemers, Alice Williams, Michael Williams, Harry Williams, Adam Wilson, Alice Brooke Wilson, Margarett Witherell, Benjamin Wolfe, Trevor

Wolfe, Charles Woods, Donna Woods, Kevin Wright, Marlayna Xian, Shi Xiao, Yu Xu, Feng Xu, Lei Xu, Tingting Xu, Yitu Yager, Karina Yang, Zhenshan Yates, Michelle Young, Benjamin Young, David Yule, Alexander Yundannima, Yundannima Yýldýrým, Unal Zandbergen, Paul Zappa, Monica Zebracki, Martin Zeis, ZacHary Zelonis, Shelby Zhai, Binqing Zhao, Naizhuo Zhong, Liheng Zhong, Sheng Zvoleff, Alex



A Resource Book for Graduate Students and Early Career Faculty

AAG Offers Two New Books

Teaching College Geography is a new book designed to help you become a more effective teacher from the very first day of class, addressing the nuts-and-bolts of classroom teaching as well as topics such as geospatial technology and designing field studies.

Aspiring Academics is a set of essays examining issues of concern to graduate students and early career faculty, and also features a companion website with activities for use in workshops, seminars, and informal gatherings.

Both books have been produced through the AAG's Enhancing Departments and Graduate Education (EDGE) Project and are published by Pearson Prentice Hall.

For details and to order: www.aag.org/edge/edge_materials.cfm.

Jobs in Geography

UNITED STATES

*CALIFORNIA, FRESNO.

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

Complete applications received by February 10, 2009 will be given full consideration. Please see official vacancy announcement at www. csufresno.edu/aps/vacancy/social_sciences.

html. Online application form is available at www.csufresno.edu/aps/vacancy/sc1.pdf.

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

JAN 09-004

COLORADO, DENVER.

The University of Denver's Frederick S. Pardee Center for International Futures invites applications for a dual role as an Assistant or Associate Professor and Associate Director of the Center. The holder of this position will have academic rank to be determined and be tenured or fill a tenure-track line at the Josef Korbel School of International Studies. The holder of this position will have teaching responsibilities at the Josef Korbel School as

"Jobs in Geography" lists positions available with US institutions who are Equal Opportunity Employers seeking applications from men and women from all racial, religious, and national origin groups, and occasional positions with foreign institutions.

Rates: Minimum charge of \$150. Listings will be charged at \$1.25 per word. Announcements run for two consecutive issues unless a stated deadline permits only one listing. The charge for running an announcement more than twice is one-third the original charge for each subsequent listing. We will bill institutions listing jobs after their announcements appear in JIG for the first time.

Deadline: JIG announcements must reach the AAG *before the first of the month* to appear in JIG for the following month (eg: 1 January for February issue). Readers will receive their Newsletter copies between the 5th and the 15th of the month. Schedule job closing dates with these delivery dates in mind.

Format: Announcements should be sent as an attachment or in the body of an e-mail to jig@aag.org. The announcements must be saved in Microsoft Word 5.0 or greater, or Corel WordPerfect 6 or greater. No job announcements accepted by phone. Follow format and sequence of current JIG listings. All positions are full-time and permanent unless otherwise indicated. State explicitly if positions are not firm. Employers are responsible for the accuracy and completeness of their listings. JIG will not publish listings that are misleading or inconsistent with Association policy. Employers should notify the Editor to cancel a listing if the position is filled. The Editor reserves the right to edit announcements to conform with established format. All ads must be in English.

Display ads are also available. Ads will be charged according to size: 1/6 page (2 $1/4'' \ge 5''$) \$335; 1/3 page vertical (2 $1/4'' \ge 10''$) \$475; 1/3 page square (4 $3/4'' \ge 43/4''$) \$475; 1/2 page horizontal (7" $\ge 5''$) \$625; 2/3 page vertical (4 $3/4'' \ge 10''$) \$750; Full page (7" $\ge 10''$) \$900. Display ads run for one month only.

Affirmative Action Notice: The AAG Affirmative Action Committee requires job listers to send to the JIG Editor the name, academic degree, sex, and rank of each person appointed as a result of an announcement in JIG.

Geographer Available. A service for AAG members only. Send personal listings of 50 words or less, following the format of current listings. Listings run for two consecutive issues. Enclose \$25 with listing. A blind listing service is available - the editor will assign a box number and forward inquiries to the member listed.

* Indicates a new listing

well as research and administrative ones at the Center.

The newly established Pardee Center's research and publication agenda is built around the further development and use of the International Future (IFs) forecasting system. A key agenda element is the preparation of annual reports in a series on Patterns of Potential Human Progress. Initial series volumes, the first three now underway, will be on poverty, education, health, infrastructure, and governance. Another important effort will be developing global networks for collaboration across world regions and issue areas.

Apply: please visit our website at www. dujobs.org .

The University of Denver is an EEO/AA Employer.

DEC 08-323

DISTRICT OF COLUMBIA.

Demographic Directorate, U.S. Census Bureau, U.S. Department of Commerce, 2009 Summer Internship Program. The U.S. Census Bureau, U.S. Department of Commerce, is accepting applications for its 2009 Summer Internship Program. Internships are available throughout the Census Bureau, including the Demographic Directorate. The Demographic Directorate 2009 Summer Internship Program consists of a paid, ten-week core program. Candidates selected for participation in the Demographic Directorate program will begin their employment on or about May 31, 2009. Selected interns will have the opportunity to work on a variety of topics such as survey design, U.S. and international population distribution, educational attainment, poverty, housing, family relationships, satellite imagery analysis, and population estimates, as well as with data on multiple racial and ethnic identification, immigration, child care, economic status, and HIV/AIDS.

All of these opportunities represent a chance to investigate a wide variety of social, geographic, demographic, and economic conditions for very detailed geographic and demographic categories. The Demographic Directorate Summer Internship Program consists of a combination of substantive work and a series of training seminars. We seek individuals at all levels (BA, MA, PhD) who are self-starters and highly motivated with excellent analytic, guan-

titative, computer, and communication skills. For more information about the opportunities within the Demographic Directorate, please contact Judith Waldrop on 301.763.2439, or via E-mail: judith.w.waldrop@census.gov.

Apply: to apply directly, visit the Census Bureau website: www.census.gov and click on "Jobs@Census," "Student and Research Opportunities," and then "Student Temporary Employment Program."

The Department of Commerce and the U.S. Census Bureau are Equal Opportunity Employers and encourage applications from all sources.

DEC 08-324

DISTRICT OF COLUMBIA.

Population Division, U.S. Census Bureau, U.S. Department of Commerce. The Population Division of the U.S. Census Bureau, U.S. Department of Commerce, has immediate openings in its domestic and international areas for qualified individuals in the areas of geography, demography, sociology, and related social sciences. We are looking for wellqualified persons at all levels (BA, MA, PhD), especially those with training in social science research, geographic information systems, and quantitative data analysis of large datasets. These openings offer qualified applicants an opportunity to work on such topics and activities as U.S. and international population estimates and projections; the geographic distribution of population; international migration; race and ethnicity, and international technical assistance.

Apply: to apply, visit the Census Bureau website: www.census.gov and click on Jobs@ Census or contact the Census Bureau's Recruitment Office at 1-800-638-6719.

For specific questions about opportunities in the Population Division, please contact Katherine Condon, Population Division, U.S. Census Bureau, 20233-8800; Phone: 301-763-6107; or E-mail: katherine.m.condon@census.gov.

The Department of Commerce and the U.S. Census Bureau are Equal Opportunity Employers and encourage applications from all sources.

DEC 08-325

FLORIDA, MIAMI.

Florida International University, Department of Global and Sociocultural Studies, invites applications for a tenure-track position in Human Geography at the Assistant Professor level beginning August 2009. PhD in geography required, but advanced ABD candidates will receive consideration. Specialization required in one of the following fields: medical geography, environmental justice, health and social justice. Candidates with GIS expertise and a global, transnational, or international perspective will receive top consideration. We seek scholars whose research interests intersect with one or more of the department's three organizing themes: "Identities and Inequalities," "Migrations and Diasporas," and "Nature-Society."

The GSS Department is newly formed (effective January 2009) and a key part of a major initiative to launch a new School of International and Public Affairs. The Department is an interdisciplinary unit comprised of geographers, anthropologists, and sociologists and offers two BA degrees (geography and anthropology/sociology) and inter-disciplinary MA and PhD degrees. The successful candidate is expected to contribute both to the expansion of the geography curriculum and the Department's interdisciplinary mission, particularly in the doctoral program. FIU is a Carnegie-ranked Research University (High Research Activity) with 38,000 students and over 100 graduate programs.

Apply: Applicants should send a letter of application detailing research and teaching interests, curriculum vitae, and writing samples and arrange to have sent three letters of recommendation under separate cover. Review of applications will begin January 9, 2009 and may be made through the following url: www. fiujobs.org, or mailed directly to: Prof. Rod Neumann, Search Committee Chair, Department of Global and Sociocultural Studies (DM 334), Florida International University, Miami, FL 33199. E-mail inquiries are welcomed at neumannr@fiu.edu.

Florida International University is an Equal Opportunity /Equal Access/Affirmative Action Employer. Women and minorities are especially encouraged to apply.

DEC 08-363

*FLORIDA, PENSACOLA.

The Department of Environmental Studies and the Online GIS Certificate Program at The University of West Florida invites applications for a **twelve-month Graduate Assistantship** to begin August 8, 2009. Compensation includes tuition (36 credits) towards M.S. Environmental Science and salary (14k) per year for two years. The successful candidate will be expected to assist in online GIS Certificate Program courses such as Introduction to GIS, Cartography, Remote Sensing + Photo Interpretation, and GIS Programming as well as provide assistance with outreach activities. Requirements include a B.S. in Geography, Environmental Studies, or related degree, 3.2 GPA, 1200 on GRE, acceptance to graduate program, and eligibility to work in the United States. The ideal candidate must demonstrate theoretical and practical experience with GIS, communicate effectively both orally and in writing, and be organized, productive and ethical.

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

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

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

JAN 09-002

IDAHO, MOSCOW.

Two Tenure-track Assistant Professor positions — Climate Science and Regional Planning/Human Impacts of Climate Change. The Department of Geography at the University of Idaho is leading a state-wide initiative on the science and human dimensions of climate change in the intermountain west, and adding two positions to begin in August 2009. Both new faculty will join a team of researchers in the department and throughout the state with interests in the biophysical and human impacts of climate change in our region. These positions will serve departmental degree programs (B.S., M.S., and PhD) and several interdisciplinary programs at the University of Idaho, including Environmental Science, Bioregional Planning, and Water Resources.

Climatologist – Required qualifications include a PhD (or expected by June 15, 2009) in climatology, geography, hydroclimatology, atmospheric science or related field. Preferred qualifications include the ability to understand and utilize output from regional and global climate models and the ability to collaborate across disciplines on climate-related issues, particularly as they relate to snow pack and runoff in mountainous areas.

Regional science/planner – Required qualifications include a PhD (or expected by June 15, 2009) in geography, regional science, planning or related field, with the ability to analyze effects of climate change on the regional economy. The successful applicant will combine regional economic analysis and spatial dimensions of climate change to provide guidance to the region's policy makers, local communities, and industries for their planning and adaptation to climate change.

Applications will be accepted for each position until filled, but screening will begin on January 15, 2009. Both positions include a generous start-up package. For a complete description of each position and to apply online, visit www.hr.uidaho.edu. AA/EOE

DEC 08-349

ILLINOIS, DEKALB.

Northern Illinois University, Department of Geography. The Department of Geography invites applications for a full-time tenure track faculty position at the rank of Assistant Professor starting August 2009. PhD in geography or related field required by time of appointment. We seek a health/medical geographer with the ability to 1) bridge department strengths in GIS and spatial analysis with undergraduate and graduate curricula in public health and allied health sciences and 2) contribute to expanding university programs in informatics, health care and the health related sciences. Skills in modern geospatial analysis and technologies are required. Teaching responsibilities will include upper division and graduate courses in specialty area, a lower-division general education course, and electives serving the geography major or Certificates in GIS and Homeland Security. Consideration will be given to candidates with the ability to contribute to regional/multicultural geography. The successful candidate is expected to seek external funding in support of scholarship.

This position is part of a university initiative to rebuild the professoriate in strategic areas of strength and societal need. Geography is recognized for its curricula and scholarly productivity in urban/economic geography, GIS and mapping science, spatial environmental science (biogeography, climatology, hydrology, soils), and applied atmospheric science. Preference will be given to persons who can demonstrate a willingness to collaborate with faculty in the department and college, and assist in expanding opportunities for research and student learning beyond the university.

Apply: Submit a letter of application identifying teaching and research interests; a curriculum vita; publications or examples of writing; evidence of grantsmanship; evidence of teaching quality; and have three current letters of reference sent to bvoga@niu.edu or addressed to: Search Committee, Department of Geography, Davis Hall 118, Northern Illinois University, DeKalb, IL 60115-2854. http://globe.geog.niu.edu. Complete applications must be received by January 15, 2009.

Northern Illinois University is an Affirmative Action/Equal Employment Opportunity institution.

DEC 08-342

ILLINOIS, EDWARDSVILLE.

The Department of Geography and the Environmental Sciences Program at Southern Illinois University Edwardsville invite applications for a tenure-track position at the **Assistant Professor** level beginning in August of 2009. PhD at time of appointment is required.

Southern Illinois University Edwardsville is seeking applicants 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. Additionally, 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 graduate program in the St. Louis metropolitan area. The Geography Department is a strong, well respected program with over 135 undergraduate majors and approximately 40 master's students, and offers areas of specialization in meteorology/ climatology, hydrology, biogeography, cultural geography, GIS, geographic education, and urban studies. The Environmental Sciences Program is comprised of a Masters of Science, a Professional Science Masters (PSM), and an Environmental Sciences minor. The Master of Science program offers six areas of degree concentration in environmental biology, chemistry, education, policy and public administration, toxicology, 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 compliment the Department and Program.

Applicants should submit a letter of application along with their teaching and scholarship interests, a current curriculum vitae, and photocopies of all academic transcripts. Evidence of teaching effectiveness is strongly encouraged. The candidate should also provide at least three letters of recommendation.

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

Apply to: Randall Pearson, Chair, Department of Geography, Box 1459A, SIUE, Edwardsville, Illinois 62026. No e-mail applications will be accepted. Screening of applications will begin on January 15, 2009 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.

DEC 08-356

IOWA, CEDAR FALLS.

Applications and nominations are invited for the position of Dean of the College of Social and Behavioral Sciences, University of Northern Iowa. As one of the three universities supervised by the Board of Regents, State of Iowa, UNI enjoys national recognition for its high educational standards. U.S. News and World Report has ranked UNI second among Midwest public comprehensive universities for 12 consecutive years, and has also been named one of the "Best Midwestern Colleges" by Princeton Review. The university enrolls approximately 12,900 students, with a full time faculty of about 600.

The College of Social and Behavioral Sciences consists of 2,000 undergraduate students, approximately 200 graduate students, and over 110 full-time faculty members. As one of eight academic deans at the University, the Dean reports to the Executive Vice President & Provost. The Dean provides administrative leadership and support for undergraduate and graduate programs in the Departments of Geography; History; Design, Textiles, Gerontology, & Family Studies; Political Science; Psychology; Social Work; and Sociology, Anthropology and Criminology, as well as two interdisciplinary programs, and four centers.

Cedar Falls is an attractive Northeast Iowa residential community of about 37,000 in a metropolitan area of approximately 126,000. The Cedar Falls/Waterloo community offers an excellent standard of living and has a full range of educational, cultural, and recreational facilities. Additional community information can be found at: www.ci.cedar-falls.ia.us and www.wplwloo.lib.ia.us/waterloo.

Oualifications: Required gualifications include a PhD or equivalent terminal degree in a discipline represented in the College; successful academic administrative experience; exceptional oral, written, analytical, and interpersonal skills; a distinguished record in teaching, research, and professional service commensurate with a tenured appointment at the level of full professor in a department within the College, commitment to a participatory management style; and a strong commitment to a diverse and international academic community. Further information about the University and the position, including preferred qualifications, can be obtained from the University's and College's web pages (www.uni.edu and www.uni.edu/csbs).

Applications received by January 30, 2009 will be given full consideration. Send a letter detailing qualifications and interest in the position, curriculum vita, statement of administrative philosophy, and the names, addresses and telephone numbers of five references to the address below. The university encourages applications from persons of color, women, persons living with disabilities, and veterans. Applications will be held in confidence and references will not be contacted until candidates have been consulted. Pre-employment background checks are required.

Apply: Sue Joseph, PhD, Co-Chair, Search Committee for the Dean of the College of Social and Behavioral Sciences, c/o Office of the Executive Vice President and Provost, University of Northern Iowa Cedar Falls, Iowa 50614-0004. Phone: (319) 273-2748.

Paper applications are encouraged; electronic submission (PDF only) may be sent to: csbs-dean-search@uni.edu. Effective date of appointment: July 1, 2009, or as soon thereafter as possible.

The University of Northern Iowa is an equal opportunity employer with a comprehensive plan for affirmative action. UNI is a smoke-free campus.

DEC 08-321

KENTUCKY, LEXINGTON.

The University of Kentucky, Department of Geography seeks a geographer with research and teaching expertise in **environmental geography** which complements existing and emerging programmatic areas of emphasis, including: biogeography and landscape ecology; environmental management and policy; geomorphology; and political ecology. The successful candidate will integrate geographic information science into their research and teaching. Appointment will be at the **Assistant or Associate Professor** level, commencing August, 2009.

Evidence of excellence or of strong potential for excellence in research and teaching is required. PhD required at time of appointment. Applicants should submit a statement describing research and teaching interests and future research plans; a complete curriculum vitae; up to four reprints; and the names, addresses, and e-mail contacts for at least three referees. The formal review process will begin on December 1, 2008 and will continue until the position is filled.

Apply to: Dr. Tad Mutersbaugh, Chair, Search Committee, Department of Geography, University of Kentucky, Lexington, KY 40506, email: mutersba@uky.edu. Email submissions are welcome and encouraged. Please attach relevant documents as MS Word or PDF files.

The University of Kentucky is an Affirmative Action/Equal Opportunity University that values diversity and is located in an increasingly diverse geographical region. It is committed to becoming one of the top public institutions in the country. Women, persons with disabilities, and members of other underrepresented groups are encouraged to apply.

DEC 08-355

KENTUCKY, MURRAY.

Assistant Professor, Physical Geographer, Department of Geosciences, Murray State University. Full-time tenure-track position to begin August 2009. Qualifications: PhD required. ABDs with a documented plan of completion by appointment date will be considered. Excellent teaching skills including use of modern classroom technologies required. Must demonstrate research potential in Physical Geography as evidenced by publication or other scholarly activity. Experience with remote sensing and/ or GIS methodologies required. Responsibilities: Teach introductory courses in the geosciences and upper-level courses in the candidate's area of expertise. Conduct research, pursue external funding, and supervise undergraduate and graduate student research. Application Deadline: February 20, 2009.

Apply: Submit a letter of interest, curriculum vita, statement of teaching and research interests, copies of transcripts, and three letters of reference to Dr. Haluk Cetin, Chair, Search Committee, Department of Geosciences, Murray State University, Murray, KY 42071. Phone: 270-809-2085.

Women and minorities are encouraged to apply. Murray State University is an equal education and employment opportunity, M/F/D, AA employer.

DEC 08-350

LOUISIANA, NEW ORLEANS.

The University of New Orleans invites applications for the position of Director of the School of Urban Planning and Regional Studies. Housed within UNO's College of Liberal Arts, the School is comprised of the departments of anthropology, geography, and planning and urban studies. The University is seeking a dynamic individual committed to building the premier interdisciplinary urban research program in the region. We seek applications from individuals with a terminal degree in one of the disciplines represented by these departments and whose qualifications in teaching, scholarship and service would merit appointment at the academic rank of full professor. Candidates should have an exemplary record in research and scholarly publication, the ability to teach and advise students, and significant experience in managing and leading an academic program. Candidates should also have direct experience in program building, development and fundraising. The Director will hold a joint appointment in his or her disciplinary department and serve as the DeBlois Professor of Urban and Regional Studies. The Director reports directly to the Dean of the College of Liberal Arts.

Apply: Application materials, including a cover letter, current curriculum vitae and the names and contact information of three professional references, should be sent by email to David Beriss, Chair, SUPRS Director Search Committee, at suprssearch@uno.edu.

The position will remain opened until filled, but the review process will begin on January 12, 2009. The University of New Orleans is Louisiana's major urban university and is affiliated with the Louisiana State University system.

UNO is an Affirmative Action/Equal Employment Opportunity Employer.

DEC 08-336

MASSACHUSETTS, BOSTON.

The Department of Geography and Environment at Boston University invites applications for a tenure track assistant professorship in terrestrial carbon cycle science, with a Fall 2009 start date. We seek a scholar with research and teaching interests in the terrestrial carbon cycle and its role in the global climate system. Specific potential research foci include (but are not limited to) measurement and/or modeling of land-atmosphere carbon fluxes, studies of coupled water and carbon dynamics in terrestrial ecosystems, the impact of humans on regional to global carbon budgets, linkages between terrestrial carbon and nitrogen cycles, and the use of remote sensing for carbon cycle science. Candidates should have a commitment to teaching and research, and a desire to work in an interdisciplinary setting. Excellent opportunities for collaboration exist with colleagues in affiliated departments and research centers including the department of Biology, the department of Earth Sciences, and the Center for Remote Sensing at Boston University.

Apply: Applicants should submit a CV, a statement of teaching and research interests, and contact information for at least three referees to: Mark Friedl, Department of Geography and Environment, Boston University, 675 Commonwealth Avenue, Boston, MA, 02215-1401. Electronic submissions are welcome and should be sent to ge@bu.edu with the subject "Carbon Cycle Science Position." Review of applications will begin on December 15, 2008 and will continue until the position is filled.

Boston University is an Equal Opportunity/ Affirmative Action Employer.

DEC 08-315

*MASSACHUSETTS, WESTFIELD.

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

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

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

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

JAN 09-001

MICHIGAN, EAST LANSING.

The Department of Geography and the Center for Global Change and Earth Observations (CGCEO) at Michigan State University are seeking applications for an open-rank tenuretrack position in Remote Sensing beginning August 2009. A PhD degree in Geography or closely related discipline is required at the time of appointment. The successful candidate will be a promising junior scholar or an established scholar with a strong record of extramural funding, high quality publications, and a comprehensive plan for future research. The position is joint between the CGCEO and the Department of Geography and thus explicitly collaborative. We seek exceptional applicants with international research interests in areas such as coupled natural-human systems, urban or environmental modeling. Applicants will be expected to develop an externally funded research program, teach undergraduate and graduate courses, and mentor graduate students.

Apply: Applicants should send a letter stating research interests, a current CV, and names of three referees. Apply to: Professor Joe Messina, Search Committee Chair, 116 Geography Building, Michigan State University, East Lansing, MI 48824-1117, jpm@msu. edu, 517-353-1715. Review of applications will begin January 1, 2009 and continue until the position is filled. Geography 38-070. Michigan State University is an equal opportunity institution and strongly encourages applications from women and minorities. Geography 38-070.

DEC 08-344

MICHIGAN, EAST LANSING.

The Department of Geography at Michigan State University is seeking applications for a tenure-track position in Hydroclimatology. The appointment will be at the rank of Assistant Professor, beginning August 2009. A PhD degree in Geography or closely related discipline such as Atmospheric Science, Environmental Science, Geology and Hydrology is required at the time of appointment. Research interests should include land-atmosphere interactions related to the hydrologic cycle. Expertise in environmental and related modeling is preferred. International experience or a demonstrated interest in international regions is an advantage. The successful candidate will be expected to participate in interdisciplinary research and contribute to MSU's strengths in climatology and climate change research, geomorphology, groundwater hydrology, Great Lakes studies, biogeography, paleoenvironments, and environmental decision-making. Duties include developing an externally funded research program, teaching undergraduate and graduate student courses, and mentoring graduate students. Applicants should send a letter stating research interests, a current CV, and names of three referees.

Apply to: Professor Julie Winkler, Search Committee Chair, 116 Geography Building, Michigan State University, East Lansing, MI 48824-1117, winkler@msu.edu, 517-353-9186. Review of applications will begin December 1, 2008 and continue until the position is filled. Geography 38-326

Michigan State University is an equal opportunity institution and strongly encourages applications from women and minorities.

DEC 08-345

MICHIGAN, HOUGHTON.

The Department of Social Sciences at Michigan Technological University seeks a **Social Scientist** with strong methodological skills in survey research or geographic information systems. Special attention will be given to applicants who have a topical or disciplinary background in environmental policy, natural resource sociology, human geography, political science, or environmental anthropology. The successful applicant will teach courses in his or her field of expertise, including quantitative or spatial methods, and contribute to our graduate research programs. This is a tenure track position at the **Assistant Professor** level, beginning August 2009. PhD required. Please visit www.social. mtu.edu to view the full ad.

Applicants should send a letter of interest describing their qualifications, experience, research plans, and teaching philosophy pertinent to contributing to an interdisciplinary social sciences department; a vitae; and the contact information for three references. Review of the applications will begin on December 15, 2008 and continue until the position is filled.

Apply: Hugh Gorman, Search Committee Chair, Department of Social Sciences, Michigan Technological University, 1400 Townsend Drive, Houghton, MI 49931-1295. Email: hsgorman@mtu.edu.

Michigan Technological University is an Equal Opportunity/Affirmative Action Educational Institution/Employer.

DEC 08-352

MISSISSIPPI, MISSISSIPPI STATE.

Mississippi State University, Department of Geosciences and the Geosystems Research Institute (GRI), invite applications for a new full-time, tenure-track Assistant Professor (9-month appointment). This joint faculty position will begin August 16, 2009. A PhD in a geospatial technologies field with emphasis in remote sensing is required. Applicants must have the PhD completed at the time of employment. The successful candidate must have a practical knowledge of Geosciences and be willing to participate in scholarly activities, to teach and develop courses, and to collaborate with existing faculty in the fields of geology, meteorology, or geospatial sciences. This position's research activity will be sponsored by GRI for technical and educational information on geospatial information technology (i.e., remote sensing, geographic information systems, global positioning systems, geographically referenced process-based models).

The Department of Geosciences has a recently approved PhD program in Earth and Atmospheric Sciences and the successful candidate will be expected to participate in this program through mentoring of graduate students, through teaching and course development, and through scholarly research activities, including publishing peer-reviewed manuscripts and acquiring external funding. The department currently has 16 tenure-track faculty and 11 full-time instructors. B.S. and M.S. degrees are offered. Within geosciences there are five areas of emphasis: meteorology/ climatology, professional geology, environmental geosciences, geography, and geospatial sciences. On-campus department enrollments include over 150 undergraduate majors and 50 M.S. students. Distance-learning programs within the department have enrollments of over 700 undergraduate and graduate students. More information about the Department of Geosciences is available on our website: www. msstate.edu/dept/geosciences.

GRI has a comprehensive research and extension program focused on basic science, practical applications, and extension outreach in geospatial technologies. More information on the institute can be found at www.gri. msstate.edu.

Apply: Candidates should submit a letter of application indicating the position for which they are applying, curriculum vitae, official transcripts, and the names and email addresses of three people who may be contacted for letters of recommendation to Dr. John Rodgers, Search Committee Chair, Department of Geosciences, P.O. Box 5448, Mississippi State, MS 39762. Voice: (662-325-0732). E-mail: jcr100@ msstate.edu. Applicants must also complete the Personal Data Information Form online at: www.jobs.msstate.edu. Screening of applicants will begin January 7, 2009 and continue until the position is filled.

Mississippi State University, a land-grant and sea-grant Institution, founded in 1878, is a Carnegie Doctoral/Research extensive Institution. Mississippi State University is an Affirmative Action/Equal Opportunity Employer.

DEC 08-358

MISSISSIPPI, MISSISSIPPI STATE.

Mississippi State University, Department of Geosciences and the Geosystems Research Institute (GRI), invite applications for a new full-time, 9-month, tenure-track **Assistant Professor** of **Geosciences**. This joint faculty position will begin August 16, 2009. A PhD in Meteorology/Atmospheric Science or Geography/Geosciences with an emphasis in Meteorology is required.

The successful candidate must have a practical knowledge of Geosciences and be willing to participate in scholarly activities and collaborate with existing faculty in the fields of meteorology and geospatial sciences. The successful candidate will be expected to develop courses in their area of expertise, preferably tropical meteorology, coastal meteorology, and/or meteorological modeling, to support the departments recently approved PhD program in Earth and Atmospheric Sciences. The successful candidate will be expected to be active in the mentoring of graduate students, through teaching and course development (both traditional and through distance learning technologies), and through scholarly research activities, including publishing peer-reviewed manuscripts and acquiring external funding.

The department currently has 16 tenuretrack faculty and 11 full-time instructors. Within geosciences there are five areas of emphasis: meteorology/climatology, professional geology, environmental geosciences, geography, and geospatial sciences. On-campus department enrollments include over 150 undergraduate majors and 50 M.S. students. Distance-learning programs within the department have enrollments of over 700 undergraduate and graduate students. More information about the Department of Geosciences is available on our website: www.msstate. edu/dept/geosciences.

This position's research activity will be sponsored by GRI. GRI has a comprehensive research and extension program focused on basic science, practical applications, and extension outreach in geospatial technologies. More information on the institute can be found at www.gri.msstate.edu.

Apply: Candidates should submit a letter of application, curriculum vitae, official transcripts, and the names and email addresses of three people who may be contacted for letters of recommendation to Dr. Mike Brown, Search Committee Chair, Department of Geosciences, P.O. Box 5448, Mississippi State , MS 39762-5448. Voice (662) 325-2906. Email: mike.brown@msstate.edu.

Screening of applicants will begin January 7, 2009 and continue until the position is filled. Applicants must complete a Personal Data Information Form (PARF #4366) on-line at www.jobs.msstate.edu.

Mississippi State University is an Affirmative Action/Equal Opportunity Employer. DEC 08-359

DLC 00-355

NEBRASKA, LINCOLN.

School of Natural Resources, University of Nebraska-Lincoln. Assistant Professor of Geographic Information Science. Tenuretrack position beginning August 2009. PhD in Geography or a closely related field relevant to the mission of the School of Natural Resources (SNR). The incumbent will provide leadership for teaching and research focused on GIS with emphasis on linkages to issues in natural resources science and geography. The School of Natural Resources (http://snr.unl. edu/) has strong programs in geography, water science, fish and wildlife management, applied climate science, remote sensing, and human dimensions of natural resources, and includes several prominent research centers including the Center for Advanced Land Management Information Technologies (www.calmit.unl. edu).

The successful candidate will have a record of excellence in teaching and research including the ability to teach courses in geographic information systems (GIS) at both undergraduate and graduate levels. Proficiency with ESRI software is preferred. We are especially interested in candidates who have expertise that clearly complements existing SNR strengths, and who have teaching and research credentials in one or more of the following areas: GIS-based environmental modeling, remote sensing-GIS integration, Web-based GIS/ mapping, GIS and spatial statistics, and/or scientific visualization.

Apply: go to http://employment.unl. edu (requisition #080906) and complete the "faculty/Academic Administrative form." Applicants must attach a cover letter, curriculum vitae, statement of research and teaching interests, and names and full contact information for at least three references. Review of applications will begin on January 12, 2009, but the position will remain open until filled.

The University of Nebraska has an active National Science Foundation ADVANCE gender equity program, and is committed to a pluralistic campus community through affirmative action, equal opportunity, work-life balance, and dual careers.

DEC 08-318

NEW JERSEY, POMONA.

The Richard Stockton College of New Jersey is seeking to fill a tenure track position at the Associate or Assistant Professor level in the Environmental Science and Geology Program to administer the Professional Science Masters Program. This innovative program is designed as a terminal degree for those working in the environmental field or intending to work as environmental professionals. Administering the PSM entails making and maintaining connections with regulators, consultants and environmental organizations, as well as coordinating with the Deans of the School of Natural Science and Mathematics and the School of Graduate and Continuing Studies, and the Coordinators of the College's Biology, Environmental Science, and Marine Science Programs. Other responsibilities include developing internship opportunities for students and submitting grants to enhance the program. The PSM also includes a 4+1 Bachelors/Masters component for highly qualified undergraduates.

The candidate will have a PhD in Environmental Planning or related fields. Certification with the American Institute of Certified Planners and experience with GIS and Remote Sensing would be considered a plus. In addition to the administrative responsibilities indicated above, the candidate must be capable of teaching graduate and advanced undergraduate courses in Environmental and Land Use Planning, lower division courses in the Environmental Science Program, and courses in the College's General Studies curriculum. He/she candidate must also be committed to developing research involving both undergraduate and graduate students. Academic experiences with culturally diverse populations desired.

Stockton is a nationally ranked public liberal arts college located in southern New Jersey. It is situated on 1,600 acres of the protected Pinelands National Reserve approximately one hour from Philadelphia, two hours from New York City, and 20 minutes from Atlantic City. The College has a diverse array of undergraduate programs, developing graduate degrees, and provides opportunities for interdisciplinary academic and scholarly development in the sciences as well as across the curriculum. Stockton's diverse faculty and student body combines a spirit of innovation with a sense of tradition for academic excellence. The Environmental Science program's facilities include two state of the art GIS labs with the latest GIS and remote sensing software/databases. In addition, the College maintains a field station twenty minutes from campus and is in the schematic design phase of a Unified Science Center. Please go to Stockton's website at www.stockton.edu for further information.

Apply: Screening will begin immediately. Send a letter of application, resume, brief statements about your administrative experience, teaching philosophy, and research interests as well as three letters of recommendation to: Dean Dennis Weiss, School of Natural Sciences and Mathematics, The Richard Stockton College of New Jersey, P.O. Box 195, AA221, Pomona, NJ 08240.

Stockton is an AA/EOE institution. DEC 08-367

NEW YORK, FLUSHING.

The Department of Sociology at Queens College invites applications for a post-doctoral position. The successful candidate will participate in a study investigating the link between gated communities and residential segregation as part of a two-year research grant funded by NICHD. Applicants are expected to have a PhD in hand and start on February 1, 2009. They are expected to have strong quantitative background and interest in applying spatial methodology; to have technical and analytical proficiency in working with software packages such as ArcGIS and GeoDa. The prospective candidates should be able to construct and maintain georeferenced database, conduct exploratory spatial data analysis, and be familiar with spatial autocorrelation and regression.

Apply online: www.rfcuny.org/hr/pvn/ cgi-bin/show_job.asp?pvn=REA-741. Application review begins on December 15 and remains open until the position is filled. For additional information: elena.vesselinov@ qc.cuny.edu.

DEC 08-338

NEW YORK, ITHACA.

Cornell University's Department of Development Sociology seeks a distinguished scholar to conduct research and teach in the area of **Global Development**. The endowed **Polson Professor of Development Sociology** is expected to provide intellectual leadership and conduct cutting-edge research in the field of development sociology. Qualified applicants must have an established record of scholarship and funded research on global development. Women and minority candidates especially are encouraged to apply. More information can be found at http://devsoc.cals.cornell.edu/jobs.

Rank: Advanced Associate or Full Professor. Starting Date: July 1, 2009 or as negotiated. Responsibilities: The position is a 50% research and 50% teaching position with responsibility for 3 courses (2 offered annually, 1 offered in alternate years).

The specific courses taught will be negotiated with the department chair upon acceptance of the position. The Polson Professor will be expected to provide active leadership in a coherent, externally-funded academic program in global development, conduct research and

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supervise graduate student research, especially field research, in diverse international settings, and contribute actively to the peer-reviewed academic literature. Collaboration with programs at Cornell related to development and international studies is expected.

Qualifications: PhD in Sociology or related discipline. The Polson Professor must be an established social scientist with a distinguished record of academic accomplishments in the area of global development and change reflected in publications, grant-funded research, and teaching. Additionally the Polson Professor must have demonstrated leadership in program development and be able to work collaboratively with scholars from diverse disciplines. Salary: Competitive and commensurate with background and experience.

Apply: Submit a letter of application, resume, and names and addresses of three references to: Professor Max J. Pfeffer, Chair, Development Sociology Department, 133 Warren Hall, Cornell University, Ithaca, NY 14853-7801.

Review of applications begins February 1, 2009. Cornell University is an affirmative action/equal opportunity employer.

DEC 08-353

NEW YORK, NEW YORK.

Department of Geography, Hunter College, City University of New York. Tenure-track Assistant Professor position to start September 2009. We seek a candidate with training and a background in environmental and/ or geographic education who brings strong expertise in any complementary environmental sciences, earth sciences, or environmental studies subfield; candidates with related specializations in human geography, methods, or physical geography subfields are also welcome. We seek a candidate who will: extend or complement departmental undergraduate and graduate teaching and advising strengths, especially in the environmental sciences and studies; support the Geography, Earth Sciences, and Social Studies teacher preparation streams at both the undergraduate and graduate levels; serve as the departmental liaison with the School of Education in strengthening these programs; and, contribute to the activities of the Center for Geographic Learning. PhD required by time of appointment.

Apply: send cover letter; CV; a statement of research and teaching interests; a sample of written work relevant to this position; contact information for three references to the following address by January 12, 2009: Search Committee, Department of Geography, Hunter College – CUNY, 695 Park Avenue – HN1006, New York, NY 10065.

If applying electronically, send one PDF file composed of a cover letter; CV; statement of research and teaching interest; sample of written work relevant to this position; and complete contact information for three references to geogjob@hunter.cuny.edu.

DEC 08-354

NEW YORK, ONEONTA.

Assistant Professor – Geographic Information Systems. The Department of Geography at the SUNY College at Oneonta invites applications for a tenure-track position at the rank of Assistant Professor with primary teaching responsibilities in GIS beginning August 2009. This is a continuing position with an initial appointment of two years. Expectations include instruction, research, student advisement, college service and continuing professional development.

SUNY Oneonta is a four year arts and sciences college with a pre-professional focus. The College at Oneonta enrolls more than 5,800 students with 475 faculty and offers 69 undergraduate majors and 9 graduate programs. The student to faculty ratio is approximately 17:1. The Geography Department maintains a strong undergraduate geography program and handles the environmental planning area of an inter-disciplinary environmental sciences program. The geography program has three tracks: general geography, urban and regional planning, and GIS. See SUNY Oneonta's home page for additional information (www.oneonta. edu). The Geography Department seeks a broadly trained Geographer. Duties: Include teaching GIS, Remote Sensing and Introductory Geography. The successful candidate will have the opportunity to develop other geography courses according to program needs and professional interest. Required Qualifications: Doctoral degree; must be a dedicated teacher with a strong commitment to quality undergraduate instruction; must demonstrate good oral and written communication skills and the ability to develop and maintain a successful research record.

Apply: Send application letter, resume, copies of graduate transcripts (official at time of appointment), teaching and research statement, and have three professional references send letters to: Tracy H. Allen, PhD Chair, Search Committee, Department of Geography, Box JG, #1039-H, SUNY Oneonta, Oneonta, NY 13820-4015. Voice 607-436-3459; Fax 607-436-2656.

Review of applications will begin immediately. For other employment and regional opportunities, please visit our website at: www. oneonta.edu/admin/humres/employment.

SUNY Oneonta values a diverse college community. Please visit our website on diversity at: www.oneonta.edu/navigation/diversity.asp. Moreover, the College is an EEO/AA/ADA employer. Women, persons of color, and persons with disabilities are encouraged to apply.

DEC 08-316

NEW YORK, SYRACUSE.

Syracuse University, Department of Geography, Assistant Professor. The Department of Geography at Syracuse University seeks to hire a Human Geographer at the Assistant Professor rank. This is a tenure track appointment. PhD required at time of appointment.

We seek a scholar who takes a political economy approach to geography. Candidates should have an empirical focus on areas such as the following: economic restructuring, gender, geopolitics, globalization, labor, law, or race. Besides contributing to the Department's research and teaching cluster in Political Economy, we seek a scholar who might also contribute to departmental research efforts in Culture, Justice, and Urban Space; Gender, Identity, and Citizenship; or Globalization and Regional Development. Regional specialization is open, but we would especially welcome applications from scholars of the Middle East, Africa, or Asia. Opportunities for interdisciplinary research within the Maxwell School include the Moynihan Institute of Global Affairs, the Program on the Analysis of Conflict, the Campbell Public Affairs Institute, the Middle East, East Asia, and South Asia Programs, and others. The Department maintains strong collaborative links with scholars in African American Studies, Anthropology, LGBT Studies, International Relations, Political Science, Sociology, and Women's and Gender Studies. With its Community Geography Project and other initiatives the Department is also a leader in the University's emphasis on publicly-engaged scholarship; applications from scholars emphasizing socially-relevant and engaged research are therefore welcome.

The Department strongly values excellence in teaching, and the successful candidate will

be expected to teach both undergraduate and graduate courses. Faculty members normally teach two courses per semester.

Apply: for consideration, a candidate must complete an online faculty application at www. sujobopps.com and attach no more than 3 files including: a letter of application, Curriculum Vitae, statements about the applicant's research program and teaching interests, a statement of teaching philosophy, and or list of professional references. In addition, three letters of r recommendation and any writing samples the applicant wishes to provide should be sent directly to: Search Committee, Department of Geography, The Maxwell School of Syracuse University, 144 Eggers Hall, Syracuse University, Syracuse, NY 13244.

Application deadline: January 15, 2009.

The Maxwell School is an Equal Opportunity Employer and encourages applications from women and minorities.

DEC 08-330

*NORTH CAROLINA, CHARLOTTE.

Assistant Professor, Department of Geography and Earth Sciences, University of North Carolina at Charlotte. The Department of Geography and Earth Sciences at UNC Charlotte invites applicants for a tenure-track, Assistant Professor in atmospheric dynamics and surface-atmosphere interactions to begin August 2009. Required qualifications: 1) a doctoral degree in a relevant field; 2) ability to teach atmospheric science courses at the graduate and undergraduate level; 3) ability to develop and maintain an externally funded research program; 4) ability to contribute to the department's interdisciplinary mission. Candidates with research interests in climate dynamics, hydrometeorology, boundary layer processes, air quality, and human-environment interactions are especially encouraged to apply. A full description of the position and application details can be found at http://jobs.uncc.edu. UNC Charlotte is an AA/EOE and applications from women and minorities are strongly encouraged. Review of applications will begin Feb. 1, 2009 and continue until the position is filled. For more information, contact Dr. Matthew Eastin, at 704-687-5914, mdeastin@uncc.edu, or view www.geoearth.uncc.edu.

JAN 09-013

OHIO, BOWLING GREEN.

The School of Earth, Environment & Society at Bowling Green State University invites applications for a tenure-track Assistant Professor position in Physical/Environmental Geography beginning August, 2009. The School is comprised of the Departments of Geography, Geology, and the Environment and Sustainability.

We are seeking a geographer with expertise in atmospheric sciences and proficiency in geospatial technologies. Preference will be given to applicants whose research emphasizes global change and its environmental impacts using GIS/Remote Sensing techniques. The candidate is expected to develop and maintain an active, externally funded research program and collaborate with faculty from other units within the School. The candidate will also be expected to teach a variety of undergraduate atmospheric science courses in the Department of Geography as well as participate in the development and teaching of new courses for the School. Opportunities also exist for teaching graduate-level courses within the School.

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 include computer labs with a total of 40 workstations (ESRI, ENVI, ERDAS, PCI, and ERMapper site licenses), large format color plotters, large and small digitizers and scanners, color printers, sub-meter GPS receivers, and portable field spectrometers (300-2500 nanometer and 2-15 micrometer wavelength ranges). We are also well-equipped for acquisition of field data with GPS, ruggedized Tablet PCs, and Pocket PCs for mobile GIS. Appropriate start-up funds are available for the successful candidate. Applicants are required to have a PhD at the time of employment.

Apply: Candidates should send a letter of application, curriculum vitae, statements of research and teaching interests, and three current letters of recommendation to Dr. Arthur N. Samel, Chair, Department of Geography, Bowling Green State University, 305 Hanna Hall, Bowling Green, OH 43403-0187.

Finalists will be required to provide a transcript for the highest degree. Applications must be postmarked by January 30, 2009.

Bowling Green State University is an Equal Employment Opportunity/Affirmative Action employer and encourages applications from women, minorities, veterans, and persons with disabilities.

DEC 08-365

OHIO, BOWLING GREEN.

Bowling Green State University. Tenure-track Assistant Professor appointment in the School of Earth, Environment and Society beginning August 15, 2009. A PhD is required at the time of employment. Physical/Environmental geographer with expertise in atmospheric sciences and an emphasis on global change and its environmental impacts using GIS/Remote Sensing techniques. Expectation to develop an active, externally funded research program and collaborations with faculty from other units within the School. Teaching to include existing undergraduate atmospheric science courses and the development of new undergraduate and graduate-level School courses.

Apply: Send cover letter, vita, three current letters of reference, and a transcript showing the highest degree by January 30, 2009 to Dr. Arthur N. Samel, Chair, Department of Geography, Bowling Green State University, Bowling Green, OH 43403-0187. Voice 419-372-2925. Fax 419-372-0588.

BGSU is an EO/AA Employer and encourages applications from women, minorities, veterans, and persons with disabilities.

DEC 08-366

OHIO, CINCINNATI.

University of Cincinnati. The Department of Geography invites applicants for a tenure track Assistant Professorship position in Geographic Information Sciences starting January, 2009. We seek applicants with expertise in geographic information networks, GIS and remote sensing, in-depth knowledge on physical-environmental geography and strong background in computer science. Applicants must demonstrate evidence of quality publications, continuous external funding and effective teaching. The successful candidate will be expected to maintain a full program of research and teach GIScience and physical-environmental geography courses at both the undergraduate and the graduate level. PhD is required at the time of appointment. Salary is highly competitive and commensurate with experience.

Apply: Instructions on how to apply online will be posted at www.geography.uc.edu/~linliu/ gis.html. Evaluation of applications will begin December 1, 2008, and the search will remain open until the position is filled. Please contact Dr. Kenneth Hinkel (hinkelkm@ucmail.uc.edu), Chair of Search Committee, for further information. The University of Cincinnati is an Equal Opportunity/Affirmative Action Institution. Women and minorities are encouraged to apply.

DEC 08-343

*OHIO, CLEVELAND.

Cleveland State University invites applications and nominations for the position of **Dean** of the Maxine Goodman Levin College of Urban Affairs. The new Dean must be able to lead the College's efforts to enhance its national ranking and be able to support the University's mission of engaged learning. Applications and nominations may come from the academic, public, private, or non-profit sectors. The successful candidate will qualify for a tenured appointment on the basis of scholarship or distinguished service.

The College consists of a multidisciplinary faculty of more than 25 faculty members, 45 professional staff, and 600 students, offering the following degree programs: a PhD in Urban Studies and Public Affairs; an MS in Urban Studies; a fully accredited Master of Public Administration; an MA in Environmental Studies; a fully accredited Master of Urban Planning, Design and Development; a Master of Nonprofit Administration and Leadership; a BA in Urban Studies; a BA in Public Safety Management; a BA in Nonprofit Administration and a BA in Environmental Studies.

In addition, the College offers joint degrees with the Cleveland-Marshall College of Law, several graduate and undergraduate certificate programs, and accelerated five-year undergraduate/graduate degrees. The College is home to the Urban Center, which conducts applied research and outreach in the areas of leadership and organizational development; public and nonprofit management; economic development; and planning and sustainability. The College also houses the Urban Forum and partners with the Center for Community Solutions on health policy and applied research.

The College's applied research and public activities are supported by the Urban University Program (UUP), a statewide program that the College coordinates. By office, the Dean of the College also serves as Chair of the UUP, which links the resources of Ohio's eight urban universities with the communities they serve through centers of excellence on each campus and collaborative research networks that address statewide issues.

The College is ranked among the top schools of urban affairs in the country. The

College's MPA program specialization in city management/urban policy is ranked second by U.S. News and World Report's annual college rankings.

Minimum Qualifications: All candidates must have: a PhD or a terminal degree in a discipline related to the programs of the College; a proven record of success as an administrator in an academic setting or a comparable environment; and a proven record of success in working with a variety of internal and external constituencies that have different perspectives and interests.

Preferred Qualifications: The preferred candidate will demonstrate: The passion and creativity to inspire and guide the College in its mission to serve its community and in its goal to achieve greater national prominence; significant academic administrative experience; a strong record of scholarship; success in promoting excellence in teaching; a record of supporting faculty research; a record of promoting and sustaining diversity in an institutional setting; and a commitment to the values of academic freedom, intellectual pluralism, and dissent.

Located in downtown Cleveland, Cleveland State University enrolls approximately 16,000 students. The greater Cleveland area offers an outstanding quality of life, combining cultural and other amenities of a large city with a wide range of attractive communities in which to live.

The appointment will be effective July 1, 2009. Salary will be commensurate with experience and responsibilities.

Apply: Applications or nominations must include: a letter of application addressing the applicant's or nominee's qualifications; a curriculum vitae; and the names, addresses, and telephone numbers of three references to: College of Urban Affairs Search Committee; c/o Dean Geoffrey S. Mearns; Cleveland-Marshall College of Law; Cleveland State University; 2121 Euclid Avenue, LB 138; Cleveland, OH 44115. Applications or nominations may also be submitted electronically to urbandean@law. csuohio.edu.

For full consideration, applications and nominations should be received by January 30, 2009. The position will remain open until filled.

Cleveland State University is an AA/EOE committed to nondiscrimination. M/F/H/V encouraged.

JAN 09-007-1

PENNSYLVANIA, EDINBORO.

Edinboro University of Pennsylvania. Human Resources and Faculty Relations Office. Edinboro, PA 16444. Tel: 814-732-2810/2703; Fax: 814-732-2885. Position title and number: Assistant Professor in the Geosciences Department (Position #35011210). Position description: Full-time, Tenure Track Geography, Urban/Regional Planning to begin August 2009. Responsibilities: The ideal candidate will be a geographer specializing in Urban and Regional Planning, and have strong GIS skills with the ability to incorporate GIS into planning courses. Teaching responsibilities will include World Geography (every semester), Economic Geography and other courses consistent with the candidate's areas of expertise. The successful candidate will be expected to develop upper division courses that contribute to a new planning track that is to be developed within the geography major. Candidates are expected to have an active research agenda compatible with other faculty members and engage undergraduates in their research. Qualifications: A PhD in geography and/or urban and regional planning is expected. Demonstration of excellent teaching skills is required as part of the interview process. Finalists will be required to successfully complete an interview and/or demonstration. Salary: Very competitive; commensurate with qualifications/experience, excellent benefits package.

Apply: Qualified applicants should submit a letter of application to: Dr. Eric A. Randall, Dean, School of Science, Management and Technology, 200 Cooper Circle, 102 Wiley Arts and Sciences Center, Edinboro University of PA, Edinboro, PA 16444. Phone: (814) 732-2400; Fax: (814) 732-2422 specifying position #35011210, detailed curriculum vitae, copies of transcripts; names/addresses/e-mail/telephone number of three professional references and statement of teaching philosophy.

Fluency in the English language for final candidates will be assessed. Application deadline: Review of applications will begin January 5, 2009 and continue until the position is filled.

Edinboro University of Pennsylvania is an Equal Opportunity/Affirmative Action employer and educator. All students are required to take a cultural diversity course, and the University is pursuing several initiatives to diversify the student body, faculty, staff and administration.

For more information about employment opportunities or the University, visit www.edinboro.edu (keyword: employment). Edinboro University of Pennsylvania of the Pennsylvania State System of Higher Education, is located 15 miles south of Erie, Pennsylvania. Enrollment is nearly 7,600 undergraduate and graduate students. The 585-acre campus is a picturesque area, approximately 100 miles from the educational and cultural centers of Cleveland, Pittsburgh and Buffalo.

DEC 08-332

PENNSYLVANIA, MANSFIELD.

Geographer - Full-time, tenure track, Assistant Professor in the Department of Geography and Geology beginning August, 2009. For information on the Geography and Geology Department visit: http://geoggeol.mansfield.edu. Support the Mapping Technology emphasis in Geography and advise students in that program; oversee the department computer lab; teach an introductory and an intermediate/advanced GIS/ GPS class, Cartography, Geographic Research, and either World Regional or Human Geography; help advise the Geography Club; and complement one of the other programs in the department (Environmental Science, Watershed Management, Planning and Earth/Space Science teacher preparation). The successful candidate is expected to teach effectively and advise a diverse student population, undertake a regular research program involving undergraduate students as appropriate; make professional and university service contributions; and advance Geography at Mansfield University. **Oualifications** - Minimum requirements: Must possess an earned doctorate in Geography or related field or be an exceptional ABD candidate in Geography or related field; and prior teaching or research experience (will include graduate teaching or research assistantship), or practical GIS/GPS experience. ABD candidates must complete the doctorate within 18 months of hire to continue in position. Additional requirements: background appropriate to teach GIS/GPS classes; excellent communication skills (verbal and written); the ability to teach, evaluate and advise students; and completion of a successful interview which includes a teaching demonstration. Preferred: college-level teaching experience. Background checks required. Salary is competitive and dependent on qualifications/ experience. Excellent faculty benefits: http:// hr.mansfield.edu/benefits.htm.

Apply: Submit a letter of application, curriculum vitae, copies of undergraduate and graduate transcripts, three letters of professional reference, and the names, addresses, and telephone numbers of three references via email to: lkent@mansfield.edu, Administrative Assistant for Searches. Please attach documents in Word or pdf format and include position number F17-TT-2008. Transcripts may be sent by mail to: F17-TT-2008, Human Resources Department, 109 Alumni Hall, Mansfield University, Mansfield, PA 16933.

Review of applications will begin immediately. Applications will be accepted until the position is filled. A condition of employment is a complete set of official transcripts for all academic work. Completion of an MU faculty application required for interview candidates.

AA/EOE. www.mansfield.edu. DEC 08-340

*PENNSYLVANIA, SLIPPERY ROCK.

Geography, Geology, and the Environment. Slippery Rock University of Pennsylvania is seeking applicants for two (2) full time, tenure track positions at the Assistant Professor level in the Department of Geography, Geology, and the Environment, beginning in August 2009. For both positions, PhD in Geography, Geology or related field at time of appointment is required. Successful performance in an on-campus interview, including teaching and research demonstrations, is also required. The candidates must demonstrate a commitment to the education of diverse populations.

The selected candidates will be responsible for teaching introductory level Geography courses, as well as upper division courses in her/his area of expertise. The Department has a tradition of providing students with opportunities for research, field experiences, and travel; the successful candidate will be expected to contribute to these efforts. We encourage applicants across a broad range of research interests, regional specialties, theoretical frameworks, and methodological approaches.

Position One (#09-38): We seek a broadly trained **Human Geographer** with an active research and publication agenda, who can support the Department's environmental programs in a liberal arts context. Applicants must be prepared to teach cultural geography. Preference will be given to candidates who also demonstrate the ability to teach GIS at the introductory level.

Position Two (#09-39): We seek an environmental geographer/geoscientist, with an active research and publication agenda, and whose expertise is compatible with the Department's environmental programs. Applicants must be prepared to teach GIS, from introductory through advanced levels. Preference will be given to candidates who also demonstrate the ability to enhance departmental strengths in surficial Earth Systems – atmosphere, biosphere, hydrosphere, and lithosphere.

Apply: Indicate the single position for which you wish to be considered. Send letter of interest, statements of your teaching philosophy and research agenda, curriculum vita, graduate and undergraduate transcripts (official transcripts are required before hiring), and letters from three references (include a list of their names, addresses and phone numbers) to: Search Committee Chair, Department of Geography, Geology, and Environment, 319 Advanced Technology and Science Hall, Slippery Rock University, Slippery Rock, PA 16057. Email: jialing.wang@ sru.edu for position one (09-38). Email: patrick. burkhart@sru.edu for position two (09-39). Fax: 724-738-4217.

Review of complete application materials will begin on January 15, 2009, continuing until the positions are filled. Background investigation required for employment. Slippery Rock University of PA is a member of the State System of Higher Education and is an affirmative action/equal opportunity employer. Visit our web page at www.sru.edu. TTY# 724-738-4881. Further information about the Department is available at http://academics.sru. edu/gge/index.html.

JAN 09-008

*RHODE ISLAND, PROVIDENCE.

The Program in Geography in the Department of Political Science at Rhode Island College invites applications for two anticipated vacancies in Geography for fall 2009. The first position is for a tenure-track, Assistant Professor of Geography position specializing in Political and/or Urban Geography. Requirements include: PhD and college-level teaching experience in geography or a closely related discipline; and the ability to teach undergraduate geographic methods courses with an emphasis on GIS. Responsibilities will include teaching introductory and upper level geography courses for both a liberal arts major in geography and education majors, as well as serving as the Director of Geography program.

The second position is a **three-year limited term position** at the rank of **Assistant Professor** and the individual will hold a joint appointment in the Faculty of Arts and Sciences and the Feinstein School of Education. Requirements include: M.A. in geography or related experience and college-level teaching experience in geography. Responsibilities will include teaching introductory and upper level geography courses as well as duties to be determined by the Department of Educational Studies. Application Deadline: January 9, 2009.

Apply: For more detailed information on the positions, application procedures, and Search Codes, see our web site at www.ric. edu/hr. Telephone: (401) 456-8216.

DEC 08-357

TENNESSEE, KNOXVILLE.

The University of Tennessee is accepting applications for a 12-month, tenure track position at the Assistant or Associate Professor level. The position is a joint appointment between the Department of Geography (web. utk.edu/~utkgeog) and the Center for Business and Economic Research (www.bus.utk.edu/ cber). We seek an analytical population geographer with forecasting skills and strong quantitative capabilities. Teaching load is one course in geography per year with the remainder of effort spent on CBER projects and other academic research. The successful candidate's primary role in CBER will involve population and demographic analysis and forecasting but the candidate will have the opportunity to participate in a broader range of CBER projects. Candidates should hold a doctoral degree in geography or closely related fields, or expect to complete all degree requirements by his or her starting date.

Apply: Recruiting Committee, Center for Business and Economic Research, 804 Volunteer Blvd., Temple Court, The University of Tennessee, Knoxville, TN 37996-4334.

Applications should include a curriculum vitae and a cover letter highlighting the applicant's qualifications for the position. Applicants should also have three referees send supporting letters to the search committee chair.

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.

DEC 08-331

TENNESSEE, MARTIN.

Meteorology. Assistant/Associate Professor tenure-track position beginning August 2009. PhD in meteorology, geography, or related discipline is required. We may consider individuals who are ABD at the time of application; the PhD must be completed before the time of appointment. Potential candidates must demonstrate an ability to teach undergraduate courses in meteorology, climatology, geographic information systems, and world-regional geography. Evidence of effective teaching in English is required. Primary responsibilities include the teaching of introductory geography courses and the development and teaching of upperdivision undergraduate courses in geography, meteorology, climatology, and geographic information systems. The candidate will also be expected to develop a research program involving undergraduates and to participate in the development of a new concentration in Geosciences based on the candidate's field of expertise. Additional responsibilities include undergraduate advising, committee service, and public service.

Complete applications include a letter of interest, curriculum vitae, teaching philosophy, copies of transcripts, and three letters of recommendation.

Apply: Chair, Geography Search Committee; Department of Geology, Geography, and Physics; 215 Johnson EPS Building; The University of Tennessee at Martin; Martin, TN 38238-5039. Telephone: 731-881-7430.

Digital applications may be submitted by email to: msimpson@utm.edu. For more information about the department, see its website at: www.utm.edu/departments/ggp/home.htm. Screening of applications will begin February 2, 2009 and will continue until the position is filled.

UT Martin is an EEO/AA/Title VI/Title IX/Section 504/ADA/ADEA employer. The University seeks to diversify its work force. Therefore, all qualified applicants, regardless of race, color, national origin, religion, gender, age, disability, or Vietnam veteran status, are strongly encouraged to apply.

DEC 08-346

TENNESSEE, MEMPHIS

The University of Memphis invites applications for a tenure-track **Assistant Professor** position in the Department of **Earth Sciences** (DES) beginning in Fall 2009. PhD is preferred, but ABD candidates will be considered for this position. Review of applications will begin December 1, 2008, and may continue until the position is filled. The ideal candidate will have the ability and interest to teach and conduct research in some of the following areas: human landuse-response to environmental or climatechange, paleoclimatology, paleoecology, geomorphology, microstratigraphy, or soils. The successful candidate will join a growing, vibrant faculty who are engaged in national and international interdisciplinary research, and will share in the future development of late Quaternary to historic research in geoarchaeology, active tectonics, and landform/ landuse evolution. Candidates should have a strong commitment to field research as well as to teaching and mentoring at the BS, MS and PhD levels. Visit our website at http://cas. memphis.edu/DES .

Apply electronically by visiting https:// workforum.memphis.edu. Please note that only electronic submissions will be accepted.

If you have questions, please contact Dr. George Swihart (901-678-2606; gswihart@ memphis.edu) or Dr. David Dye (901-678-3330; daviddye@memphis.edu), Search Committee Co-chairs, Department of Earth Sciences, 001 Johnson Hall, University of Memphis, Memphis, TN 38152.

The University of Memphis is an Equal Opportunity/Affirmative Action/ Title VI/Title IX/Section 504/ADA/ADEA employer that strives to increase its ability to serve a diverse student population by enhancing its diverse faculty and staff.

DEC 08-348

TEXAS, DENTON.

The Department of Geography at the University of North Texas (UNT) invites applications for a tenure-track **Assistant Professor** position, beginning September 1, 2009, to complement current faculty expertise in **Earth Science**. Candidates must have an earned doctorate with an emphasis in applied surface-water hydrology. Teaching experience preferred. As a tenure-track member of the faculty, candidates will be expected to develop a record of scholarly research necessary to obtain tenure. Candidates will also be expected to effectively teach undergraduate and graduate students, supervise graduate students, and serve the department and university.

This is an outstanding opportunity to be part of a dynamic, interdisciplinary program addressing human/environment interactions of regional and global importance. The department exemplifies the university's vision of a student-centered research institution emphasizing diversity, internationalization, and collaboration. We offer both bachelors and masters degrees in geography and substantially contribute to interdisciplinary masters and doctoral programs in environmental science. UNT is an emerging national research institution located in the vibrant and rapidly expanding Dallas-Fort Worth metropolitan area. University enrollment is over 34,000 students with more than 6,500 graduate students.

Apply: send application letter including teaching philosophy and research interests; complete curriculum vitae; and the names, mailing addresses, e-mail addresses, and phone numbers for three references to: Dr. Harry Williams, Search Committee Chair, Department of Geography, University of North Texas, 1155 Union Circle #305279, Denton TX 76203-5017.

E-mailed or faxed applications will not be accepted. Review of applications begins February 10, 2009, continuing until the search is closed. UNT is an AA/ADA/EOE committed to diversity.

DEC 08-360

TEXAS, DENTON.

The Department of Geography at the University of North Texas (UNT) invites applications for a tenure-track **Assistant Professor** position in **Urban-Economic Geography** beginning September 1, 2009, to complement current faculty expertise.

Candidates must have an earned doctorate with research emphasis on: (1) the interface between regional studies, economic development, and sustainable human environments; or (2) a related field such as new urbanism, urban transportation, industrial ecology, or environmental health (particularly social and environmental determinants of geographic variations of disease and health outcomes).

Practical and teaching experience preferred. As a tenure-track member of the faculty, candidates will be expected to develop a record of scholarly research necessary to obtain tenure. Candidates will also be expected to effectively teach undergraduate and graduate students, supervise graduate students, and serve the department and university.

This is an outstanding opportunity to be part of a dynamic, interdisciplinary program addressing human/environment interactions of regional and global importance. The department exemplifies the university's vision of a student-centered research institution emphasizing diversity, internationalization, and collaboration. We offer both bachelors and masters degrees in geography and substantially contribute to interdisciplinary masters and doctoral programs in environmental science. UNT is an emerging national research institution located in the vibrant and rapidly expanding Dallas-Fort Worth metropolitan area. University enrollment is over 34,000 students with more than 6,500 graduate students.

Apply: send application letter including teaching philosophy and research interests; complete curriculum vitae; and the names, mailing addresses, e-mail addresses, and phone numbers for three references to: Dr. Donald Lyons, Search Committee Chair, University of North Texas, Department of Geography, 1155 Union Circle #305279, Denton, TX 76203-5017.

E-mailed or faxed applications will not be accepted. Review of applications begins February 10, 2009, continuing until the search is closed. UNT is an AA/ADA/EOE committed to diversity.

DEC 08-361

TEXAS, DENTON.

The Department of Geography at the University of North Texas (UNT) invites applications for a full-time Lecturer position, beginning September 1, 2009, to complement current faculty expertise. Candidates must have an earned doctorate with an emphasis in physical geography or geology. Industry and teaching experience preferred. Candidates will be expected to teach four organized courses in each of the fall and spring semesters and provide effective service to the department, including coordinating introductory physical geology labs, regional field trips, and geologyrelated internships.

This is an outstanding opportunity to be part of a dynamic, interdisciplinary program addressing human/environment interactions of regional and global importance. The department exemplifies the university's vision of a student-centered research institution emphasizing diversity, internationalization, and collaboration. We offer both bachelors and masters degrees in geography and substantially contribute to interdisciplinary masters and doctoral programs in environmental science.

Apply: send application letter including teaching philosophy and research interests; complete curriculum vitae; and the names,

mailing addresses, e-mail addresses, and phone numbers for three references to: Dr. Paul Hudak, Search Committee Chair, Department of Geography, University of North Texas, 1155 Union Circle #305279, Denton TX 76203-5017.

E-mailed or faxed applications will not be accepted. Review of applications begins February 10, 2009, continuing until the search is closed. UNT is an AA/ADA/EOE committed to diversity.

DEC 08-362

*TEXAS, HOUSTON.

The University of Houston-Clear Lake invites applications for a tenure-track Assistant **Professor** in **Human Geography** beginning August 2009. The ideal candidate would be a broadly-educated scholar, have an outstanding commitment to undergraduate teaching, and a willingness to work in and further develop a small degree program. A PhD in Geography or related field is required. Applicants should provide evidence of teaching effectiveness and scholarly productivity. The selected candidate will be expected to teach variety of upper-level regional and topical courses, and to offer service to the Program, School, and University.

UH-Clear Lake is an upper-level institution (juniors, seniors, and master's students) with an enrollment of approximately 7,500. It is located adjacent to the NASA-Johnson Space Center midway between Houston and Galveston. More information about Geography Program and University can be found at: www.uhcl.edu/hsh/geography.

Apply: Applications accepted only online at https://jobs.uhcl.edu. To apply, complete the online faculty application and include a letter of interest and vita. In addition, mail three letters of recommendation and graduate transcript to: Chair, Geography Search Committee, MC 416, University of Houston-Clear Lake, 2700 Bay Area Blvd., Houston, Texas 77058-1098. Review of completed applications begins immediately and continues until the position is filled. Only applicants selected for further consideration will be contacted. We reserve the right not to fill position.

UHCL is an Affirmative Action/Equal Opportunity employer supporting workplace diversity. Proof of eligibility to work in U.S. will be required.

JAN 09-010

*VIRGINIA, CHARLOTTESVILLE.

Tenure-Track Faculty Position in Climate Dynamics. The Department of Environmental Sciences at the University of Virginia invites applications for a full-time, nine-month, tenure-track assistant professorship in climate dynamics. The Department is an interdisciplinary community of scientists representing the atmospheric sciences, ecology, geosciences, and hydrology. The Department offers B.S., B.A., M.S., M.A. and PhD degrees. We strongly encourage prospective candidates to review our Departmental website (www.evsc. virginia.edu) prior to applying.

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

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

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

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

JAN 09-012

WASHINGTON, ELLENSBURG.

The Geography Department at Central Washington University invites applications for a tenure-track **Water Resource Geographer** position at the **Assistant Professor** level beginning mid-September 2009. Applicants are required to hold a PhD in geography at time of appointment, as well as have evidence of knowledge and application of water resource management. Teaching responsibilities include introductory geography, water resources, climate change or natural hazards, and courses in his/her area of expertise. Preference will be given to candidates with: 1) teaching and research interests focused on the management of western North American watersheds; 2) active, long-term, applied research agenda that includes climate change, natural hazards, or other water resource related issues; 3) experience applying appropriate geotechniques; 4) strong commitment to high quality undergraduate and graduate teaching that enhances student speaking, critical thinking, and writing skills; 5) commitment to involve undergraduates and graduates in their research; and 6) demonstrated potential for scholarly contributions and securing grant/contract funding. EEO/AA/Title IX Institution.

Apply: please submit application online at www.cwu.edu/~hr/jobs/index.html. Screening begins January 4, 2009.

DEC 08-319

*WISCONSIN, EAU CLAIRE.

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

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

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

JAN 09-003

WISCONSIN, MENASHA.

We are looking for an excellent teacher. The University of Wisconsin Colleges Department of Geography and Geology seeks to hire a **broadly-trained geographer** in a tenure-track **Assistant Professor** level at the University of Wisconsin-Fox Valley, located in Menasha, Wisconsin to begin in August 2009.

The UW-Fox Valley is one of 13 campuses that together comprise the University of Wisconsin Colleges, the two-year transfer institution of the University of Wisconsin System. The UW Colleges provide the breadth part of a liberal arts education and emphasize excellence in teaching. Teaching responsibilities are wide ranging and include world regional geography, introduction to human geography, environmental conservation, introduction to GIS, and introductory physical geography. Teaching in alternative modes such as online or hybrid courses may also be required. In addition to teaching, other responsibilities include professional development, broadly defined and including research, and service especially in shared governance. For more information about the position: www.uwc.edu/ jobs/faculty/FOX-Geo-Oct08.cfm.

For questions contact: Dr. Cary Komoto, Chair, Department of Geography and Geology, University of Wisconsin – Barron County, 1800 College Drive, Rice Lake, WI 54868. Phone: 715-234-8176, ext. 5416. Email: cary. komoto@uwc.edu.

Apply: Submit a letter of application, a statement of teaching philosophy, transcripts, evidence of teaching effectiveness, and contact information of three references. Submit materials to: foxgeo@uwc.edu. Applications must be accompanied by a statement of whether the applicant wishes to have the application held in confidence or made available to the public upon request.

The UW Colleges is an affirmative action/ equal opportunity employer.

DEC 08-317

WISCONSIN, STEVENS POINT.

The Department of Geography and Geology at the University of Wisconsin-Stevens Point invites applications for a Visiting Assistant or Associate GIS Professor to begin August 24, 2009. This is a nine-month academic year appointment. Four-year appointment assuming positive review. A PhD is desirable but ABD status will be considered (ABD appointed at the visiting instructor level). Salary and title commensurate with qualifications and experience.

Excellent opportunity to expand an established undergraduate GIS curriculum as well as implement a new GIS Professional Certificate program. Required courses include introductory GIS and at least two upper division applied GIS courses. Primary responsibilities will be to deliver quality GIS instruction, perform applied GIS research, aid in the development of the GIS Certificate Program and secure extramural funding.

The UWSP GIS Center is affiliated with the Department of Geography/Geology and is located within the College of Letters and Science. The University of Wisconsin-Stevens Point is the only degree-granting institution in the north central part of the state. Founded in 1894 as a teacher-training institution, UWSP now offers 54 undergraduate majors and confers master degrees in 12 disciplines. Enrollment surpasses 9,000 students. For more information see website at www.uwsp.edu/geo/ gisposition.html.

Apply: Interested individuals must submit a letter stating their qualifications, teaching and research interests, plus curriculum vita and copies of transcripts. A minimum of three professional recommendations must be sent by references to Keith Rice, Chair, Department of Geography/Geology, University of Wisconsin-Stevens Point, Stevens Point, WI 54481. All application materials, including recommendation letters, are due on January 23, 2009.

DEC 08-364

INTERNATIONAL

*AUSTRALIA, SYDNEY.

Lecturer/Senior Lecturer in Human Geography Faculty of Science. Full advertisement: www.hr.unsw.edu.au/services/recruitment/ jobs/21110804.html. The School of Biological Earth and Environmental Sciences (BEES) is seeking a Human Geographer - broadly defined - to undertake research, postgraduate

supervision and teaching within one of Australia's most dynamic research environments. BEES is a large and multi-disciplinary school in the Faculty of Science at the University of New South Wales. Applicants should have a strong research record in Human Geography and the capacity to contribute to the school's existing and emerging research areas, including resource analysis, quantitative methods, economic geography and/or GIS. Applicants will need to demonstrate capacity to supervise honours and postgraduate candidates. UNSW is a member of the Group-of-Eight research intensive universities. It offers a highly desirable career path in a location that is 5 km from the centre of Sydney - Australia's most global city. UNSW is well located in Sydney's east, with schools, hospitals, transport, shopping and beaches nearby.

This is a full-time and continuing position. Salary range for Lecturer A\$73,573 - A\$86,734 per year and the salary range for Senior Lecturer is A\$89,362 - A\$102,523 per year (plus 17% employer superannuation and leave loading), depending on qualifications and experience. Applicants should systematically address the selection criteria in their application. Women and people from equity groups are also encouraged to apply. Please direct any enquiries to the Head of School, Associate Professor David Cohen on telephone (+61 2) ... or email d.cohen@unsw.edu.au, or Dr. Wendy Shaw on telephone (+61 2) 9385-3715 or email w.shaw@unsw.edu.au.

For the Information Package: www. hr.unsw.edu.au/services/recruitment/jobs/ info/pd21110804.pdf; www.hr.unsw.edu.au/ services/recruitment/application.html. Further information on the School, please visit: www. bees.unsw.edu.au.

Applications close: January 31, 2009. JAN 08-005-1

CANADA, MONTREAL.

Département de Géographie. Faculté des arts et des sciences. Université de Montréal. As part of its research and teaching activities related to the environment, the Département de géographie at the Université de Montréal invites applications for the position of **Department Chair** at the advanced associate or full professor level, effective June 1, 2009 (subject to budgetary approval). The Department is particularly interested in candidates with a background in either human or physical geography who could complement current departmental strengths in fields including, but not limited to, urban geography, the dynamics of terrestrial geosystems or health geography. The candidate should possess extensive experience in teaching at all three levels of the university curriculum and in the supervision of graduate students, lead an original world-class research program and have established experience in administration.

For more information about the Département de Géographie, please see our web site at: www.geog.umontreal.ca.

Interested persons should send, no later than January 9, 2009, an application package including: a letter presenting the applicant's vision of the Department and its potential for development, a curriculum vitae, a proposal describing the applicant's research program, reprints of the applicant's three (3) most significant research contributions and the name and the complete contact information for three (3) referees.

Apply: The complete package should be sent to the following address: Monsieur Pierre Richard,

Chair, Search Committee, Réf: Poste de Directeur, Département de Géographie, Université de Montréal, C.P. 6128, succursale Centre-ville, Montréal (Québec) H3C 3J7.

DEC 08-322

CANADA, MONTREAL.

Graduate Student Assistantships. The Department of Geography at McGill is pleased to announce graduate recruitment for entry in September 2009. Student assistantships are available for positions advertised on the department website, and funding beyond these are available from numerous sources including federal and provincial fellowships, teaching, and research assistantships. Applicants are asked to contact an appropriate faculty member to determine if she or he may be willing to serve as a supervisor. Please see the graduate recruitment web site www.geog. mcgill.ca/gradrecruitment.html.

McGill is one of the top ranked universities in the world, and the department is an active research community with particular strengths in Earth System Science; Development; Environmental Management; GIS/Remote Sensing; Land Surface Process Studies; and Political, Urban, Economic, and Health Geography. International PhD students pay the same low fees as Quebec residents. Montreal is a unique and vibrant multicultural urban community, with excellent quality of life and affordability.

DEC 08-334

*SCOTLAND, ABERDEEN.

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

Apply: to apply online for this position visit www.abdn.ac.uk/jobs or alternatively you may request an application pack by emailing your name and contact details to jobs@abdn.ac.uk or by telephoning our 24-hour answer service on (01224) 272727 quoting GEO010R. Visit the Departmental website at www. abdn.ac.uk/geography. For a direct link to the job advert visit: www.abdn.ac.uk/jobs/display. php?recordid=GEO010R.

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

JAN 09-009

*UNITED ARAB EMIRATES.

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

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

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

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

JAN 09-011

Award Deadlines

JANUARY

- Newberry Library Fellowships (long term residence). www.newberry.org/ research/felshp/long-term.html.
- 16. 36th Annual CaGIS Map Design Competition. www.cartogis.org.
- 20. Holberg Prize. www.holbergprisen.no.
- 25. James Blaut Award. Contact Eliot Tretter (etretter@mail.utexas.edu) or Lawrence Berg (lawrence.berg@ubc.ca).

FEBRUARY

1. Society of Women Geographers Pruitt National Dissertation Fellowships. www.iswg.org. Contact Ruth Shirey for details at rishirey@auxmail.iup.edu.

MARCH

 Newberry Library Fellowships (short term). www.newberry.org/research/ felshp/short-term.html.

MAY

- 10. Society for the History of Discoveries Essay Contest. www.sochistdisc.org.
- 15. Society of Woman Geographers Pruitt National Minority Fellowships. www. iswg.org. Contact Ruth Shirey for details at rishirey@auxmail.iup.edu.

JUNE

1. Walter W. Ristow Prize in the History of Cartography. http://home.earthlink.net/~docktor/ristow.htm

AAG Grants and Competitions

The AAG offers numerous grants and awards. Visit www.aag.org/grantsawards for a full listing including detailed descriptions, deadlines, and application procedures.

NSF Grants and Competitions

Detailed information about NSF grants and awards is available at www.nsf.gov.

2009 JANUARY

7-9. Conference of Latin Americanist Geographers (CLAG). Granada, Nicaragua. http://clagnica2009.org.

14-19. Launch of the AAAS Science and Human Rights Coalition, Washington, D.C. http://shr.aaas.org/scisocs.

FEBRUARY

18. Third Annual Gilbert F. White Lecture in the Geographical Sciences. Speaker: Rita Colwell (University of Maryland). Washington, D.C. http://dels.nas.edu/besr/lecture. shtml. Information: Jared Eno at jeno@ nas.edu

26-March 1. Dynamic Deserts: Resource Uncertainty in Arid Environments. Tempe, Arizona. http://sols.asu.edu/dynamicdeserts.

MARCH

22-27. AAG Annual Meeting. Las Vegas, Nevada. www.aag.org.

APRIL

16-17. 40th Annual South Dakota State Geography Convention, Brookings, South Dakota. www3.sdstate.edu.

MAY

19-20. National Geography Bee, Washington, DC. www.nationalgeographic. com/geographybee.

26-30. Canadian Association of Geographers Annual Meeting. Carleton University, Ottawa. www.cag-acg.ca.

JUNE

14-20. Geography Faculty Development Alliance Workshop. http://aag.org/ GFDA/earlycareer.htm. 15-19. GSDI-11. Rotterdam, Netherlands. http://gsdi.org/gsdi11.

JULY

6-11. International Association of Geomorphologists, 7th International Conference. Melbourne, Australia. www. geomorphology2009.com.

7-10. GI Forum 2009. Salzburg, Austria. www.gi-forum.org.

10-11. AAG Department Leadership Workshop. Wilmington, NC. www.aag.org.

10-13. 13th World Multi-Conference on Systemics, Cybernetics, and Informatics. Orlando, Florida. www.iiis2009.org/ wmsci.

12-17. 23rd International Conference on the History of Cartography. Copenhagen, Denmark. www.ichc2009.dk.

13-17. ESRI User Conference. San Diego, California. www.esri.com.

20-22. Advances in Social Networks Analysis and Mining Conference. Athens, Greece. www.asonam.org.

AUGUST

16-19. Tenth Asian Urbanization Conference. Hong Kong. www.hku.hk/ asia2009.

23-27. 14th International Conference of Historical Geographers (ICHG). Kyoto, Japan. www.bun.kyoto-u.ac.jp/ichg.

SEPTEMBER

21-25. COSIT 09, 9th International Conference on Spatial Information Theory. Aber Wrac'h, France. www.cosit.info.

24-27. National Conference on Geography Education. San Juan, Puerto Rico. www.ncge.org.

25-26. Great Plains/Rocky Mountain AAG Regional Meeting. Utah State University, Logan, UT. (Doug Ramsey, organizer: doug.ramsey@usu.edu. **30-Oct. 3. Pacific Coast AAG Regional Meeting**, San Diego State University, San Diego, CA.

OCTOBER

11-13. 50th Annual Meeting of the Society for the History of Discoveries. Raleigh, NC. www.sochistdisc.org.

26-31. AfricaGIS 2009, Kampala Uganda. www.africagis2009.org.

29-31. West Lakes AAG Regional Meeting. Macalester College, Saint Paul, Minnesota. www.macalester.edu/ geography/09aagwestlakes.

29-31. Southwest AAG Regional Meeting. University of Central Arkansas, North Little Rock, Arkansas.

NOVEMBER

6-7. Middle States AAG Regional Meeting. SUNY-New Paltz, New Paltx, NY. Contact Larry McGlinn (mcglinnl@ newpaltz.edu).

15-21. 24th International Cartography Conference. Santiago, Chile. www.icc2009.cl.

24-26. Southeast AAG Regional Meeting. Knoxville, TN. Local Arrangements: Ron Kalafsky:

2010 APRIL

13-18. AAG Annual Meeting. Washington, D.C. www.aag.org.

2011 APRIL

12-16. AAG Annual Meeting. Seattle, Washington. www.aag.org.

Register for the 2009 AAG Annual Meeting at www.aag.org/annualmeeting.

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