

In This Issue



From the Meridian	2
President's Column.....	3
AAG Washington Monitor	5
Quarter Century	11
Op-Ed.....	12
Grants and Competitions	14
New Members	16
New Appointments	18
Grants and Awards	
Received	19
Specialty Group News	20
Books Received	22
Members of Note	23
Necrology.....	23
Jobs in Geography	24
Award Deadlines.....	46
Events	47

AP Human Geography Testing Surges

AP Human Geography test rates for 2006 are up 49% from 2005. This year 20,003 students sat for the exam which measures performance in college-level advanced placement (AP) human geography courses offered in high schools. But what does this surge in testing rates mean to the college and university community?

The AP Human Geography course is structured around a syllabus that meets college standards and follows an outline that parallels college course content, including themes and models such as globalization, cultural diffusion, and central place theory. If students score sufficiently well on the AP exam, they may receive college credit for a comparable introductory human or cultural geography course.

Recent world events combined with the development of geographic technologies turned around a decline in geography in the United States during the latter half of the twentieth century. A holdover from this decline though was difficulty in recruit-

ing majors, due to the lack of geography knowledge of incoming freshman. Without the very basics, departments were dependent on recruiting students from introductory-level courses, many of which were large lecture-hall survey courses, venues that make it difficult to connect with individual students who might have otherwise developed an earlier interest in pursuing geography as a major. Students whose interest in a course begins in high school are more likely to explore it further in more advanced courses in college.

Interest in geography can be shown by observing the increasing numbers and expanding locations of the colleges and universities that receive test scores from AP Human Geography students. In 2003, 2,790 scores were sent to 635 institutions (Gober 2005). The University of Texas at Austin received the most scores (116). In 2005, 5,406

Continued on page 4

San Francisco's Ethnic Neighborhoods

An advantage of living in a city," my mother once counseled, "is that things come to you." Although she was referring to arts and goods, the same can be said of people. San Francisco, situated on the western end of a broad and long continent and on the eastern shore of a vast ocean, is famed for its cosmopolitan air, derived from the diversity of people who have gathered here. As a native, I feel this diversity to be at the heart of the city, having grown up on a block where I counted among my neighbors other Japanese, Chinese, Filipinos, Mexicans, Dutch, southern Blacks, Irish, and later, Fijians.

Many of San Francisco's historic ethnic enclaves developed as a result of racially discriminatory practices. Boarding houses, labor halls and unions, restaurants, schools, and other services often excluded ethnic minorities from among their clientele. Consequently, such institutions developed from within an ethnic community to address its need for services.

Chinese

San Francisco has a long history of Chinese immigration, dating from the early 1800s. The first major wave of Chinese

Continued on page 8



These Victorian "stick style" row houses are a part of San Francisco's charm and character.

CREDIT: SF/CMB, Craig Buchanan

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Is it Time for an AAG “Developing Regions” Membership Program?

For years, the AAG has talked about the need to provide support and lower cost memberships to geography departments and geographers in the poorest regions of our world. We do maintain a limited fund to subsidize occasional fee waivers on an ad hoc basis, but it is not a large fund nor widely implemented geographically. Our association's financial foundation is now strong, and as a result perhaps we can afford to share some of our membership benefits more broadly with those who do not have the resources to access our journals and other membership benefits through normal channels. I believe it is time that we take action to establish a systematic, clear, and workable program to make low cost membership in the AAG available to those geographers and also to geography departments in the developing world that might wish to access our publications and other membership benefits.

With the concurrence and support of AAG officers and the Council, I have begun the process of developing a conceptual outline for how such a program might be structured and implemented. Based on conversations we have had with geographers from many of the poorest parts of the world, there seem to be needs which must be met at both the geography department level and at the individual geographer level within these regions. One example of how a “developing regions” membership program might be structured and priced is illustrated below.

Such a program, of course, would also have to define explicitly which countries comprise “developing regions” and would be eligible to participate. Several organizations, including the United Nations and the World Bank, generate economic data and national poverty rankings based on fairly widely accepted criteria, generally per capita income. These rankings could

form useful starting points, however imperfect, for beginning the program. While it is important that we consider this question of definition carefully, we should not let the impossibility of arriving at the perfect definition of “the poorest regions” prevent us from moving forward at all.



Richardson

Example: Developing Regions Departmental Memberships

Upon written request, the AAG might grant eligible geography departments or programs in developing regions a departmental membership for a small fee (e.g., perhaps \$40 per year), renewable on an annual

basis. This departmental membership package might include the following benefits:

- One hard copy of all AAG quarterly publications, the *Annals of the Association of American Geographers* and *The Professional Geographer* for the departmental library
- One hard copy of the monthly AAG *Newsletter* for circulating among faculty and students
- Reduced rate on other third party geographic journals offered by the AAG
- Reduced prices on AAG publications (according to normal individual membership benefits)
- Free listing in the *AAG Guide to Geography Programs*
- In addition, a departmental membership might allow the department to add individual faculty as individual AAG members for a small incremental rate (such as only \$10 per year per person), to receive full individual membership benefits, except that journals and newsletters would be provided online, in digital format only, not in hard copy. Reduced rate

Continued on page 5

Integrating Study Abroad into Geography Higher Education

There is now widespread recognition that study abroad has a critical role to play in the education of U.S. students. Recent years have seen a flurry of articles and reports on the topic, most prominently those emerging from a far-reaching examination of study abroad and international education conducted by a U.S. Senate appointed bipartisan Commission on the Abraham Lincoln Study Abroad Fellowship (see www.lincolncommission.org/). Indeed, in late 2005 the U.S. Congress declared 2006 as the Year of Study Abroad. This is, therefore, an opportune time to reflect on the role of study abroad in geography higher education and the significant contributions that we, as geographers, can make to international education.

Few of us need to be convinced about the value of studying abroad. In the most practical sense, study abroad experiences increase the global competence of our students, make them more adept at working in multicultural settings, and ultimately make them more competitive with counterparts in other countries. Equally, or more importantly, study abroad broadens the imagination of our students, stimulates greater creativity, and expands and enriches their lives. Yet it is clear from the statistics reported by *Open Doors* that the role of study abroad in U.S. higher education needs much improvement. Consider the following:

In 2003-04, the number of U.S. students studying overseas was 190,000 which represented less than two percent of enrolled students;

Over two-thirds of students chose destinations in Europe and Australia, while less than 10% traveled to Asia and Africa;

In terms of fields of study, 21% of study abroad offerings were in the social sciences; the physical sciences accounted for less than 8%.

The Lincoln Commission identified a number of barriers preventing U.S. students from engaging in study abroad. Not surprisingly at the very top was the high cost of

study abroad, both the cost associated with the programs themselves as well as the "opportunity cost" of traveling overseas for students that work. Toward this end, the commission report recommended that the federal government provide \$125 million per year in funding with the aim of increasing the number of U.S. students studying abroad to as many as one million in a year.

Cost, however, was just one of the reasons for the low participation in study abroad programs. Also very significant were curricular barriers to study abroad. For example, the programs of study in many majors—often in the sciences, engineering, and arts—are highly structured and do not give students the flexibility to engage in a semester of study abroad. In cases where there is flexibility, students may have difficulties determining what study abroad courses fulfill major requirements. The bottom line is that, in most fields, study abroad programs are seen as tangential to, rather than an integral part of a student's academic program

Turning to our own discipline, it is clear from my travels across the country that many geographers are actively engaged in offering study abroad courses. It seems to me, however, that as a discipline we still have not embraced study abroad as a key component of geography undergraduate education. Yet there are compelling reasons for us to do so, not the least of which is that study abroad vitally connects to two long-standing traditions in geography: area studies and field work.

In the first case, study abroad can be a powerful experience to energize our regional geography curriculum and provide students with a sophisticated understanding of world regions. In recent years, more and more departments have begun reintroducing regional geography

courses. Imagine the richness of student experience if they were to take a regional geography course in the setting of that very region! Another opportunity is to offer abbreviated regional geography "service courses" designed as orientations for all university students prior to their embarking on study abroad.

This would go a long way in getting geography recognized on campus as a central discipline in international education.

Study abroad can also develop in students the excitement of field work which has drawn so many of us to geography. It provides faculty members conducting international research to take

students to their field sites and to share the details of their work with students. There are also ample opportunities to engage study abroad students in local research projects and in global service learning projects. Study abroad programs can, therefore, reconnect geographers with our field-based tradition and help students to develop into truly well-rounded geographical scholars.

As a first step then, let's take a careful look at the place of study abroad in the curriculum of our departments and programs. Does the program of study for the geography degree have the flexibility to incorporate study abroad courses? Have we identified a set of study abroad courses that meet the requirements of the major? If we are not able to offer "home grown" study abroad courses, have we identified courses offered by other units on campus or by other institutions that would be appropriate for our students? Is it possible to establish institutional partnerships with other geography programs outside of the country to facilitate curricular flexibility and enrich



Pandit

Continued on page 4

Integrating Study Abroad into Geography from page 3

our own programs? Do we routinely advise our undergraduate students about study abroad options?

The recommendations of the Abraham Lincoln commission report have now been introduced as a Senate bill (S. 3744) which, hopefully, will come up for vote

next year. If this legislation passes through Congress, it will result in an extraordinary expansion of opportunities for study abroad participation by U.S. undergraduates. When it does, I hope that we as geographers are poised with a major curriculum that is rich with study abroad

options. We owe it to our discipline, and more importantly, to our students. ■

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APHG Test Rates Surge from page 1

scores were sent to 871 institutions with the University of Florida (249) and University of Texas at Austin (160) receiving the most geography scores (see map). In 2006, preliminary figures show that 7,423 scores were sent to 984 colleges and universities. As might be expected, post-secondary schools in states with the highest numbers of high school AP Human Geography students received the most scores. Three-hundred-sixty-one scores were sent to the University of Florida, and 230 scores were sent to the University of Texas at Austin. An increase in the number of scores sent to colleges has also led to an increased number of schools and universities that allow credit or placement for geography scores of three or higher. The goal, however, is to increase the profile for geography, and show post-secondary institutions that AP Human Geography is fostering a renewed interest in geography in general.

How do the statistics of scores sent translate into students in departments? As yet, we have no hard data on numbers of students taking geography courses in colleges that have completed the AP Human Geography course. We do, however, have comments from geography professors at Oregon State, Clark University, Macalester College, Dartmouth University, and Texas A&M to name but a few, who have commented on students in their classes that are well-versed in geography from their AP class. High school teachers also report on their students who are taking geography courses in colleges around the country because they want to continue to learn more about geography. In other instances,

students have reported that their AP Human Geography course has been of great help to them as they pursue degrees in political science and government.

Do all of the students who have passed through the AP Human Geography program take another course in college, or consider majoring in geography? Of course not, but consistently from 2001 through 2006 over 20% of the students taking the exam indicated that they would consider geography as a major field in college (AP Human Geography Background Questions, 2001-06).

AP Human Geography has opened up a new world for over 50,000 students in the past six years, and we expect this trend to continue as more schools offer the program to increasing numbers of students. We also expect an increasing number of these students to continue their geography education in college. But most importantly, students are exposed to the world of geography, increasing their knowledge of other places and cultures, and elevating their awareness of and responsibility to the new processes of globalization.

Members of the geography community can support this growth by applying to be readers for the exam (join colleagues for a week in June to score the essay questions on the exam) or volunteering to write multiple-choice questions. Interested individuals may also agree to test questions in their college classes (to help ensure that the questions on each AP Human Geography exam are appropriate to the course) and encourage their institution to accept student scores of three, four, or five for credit or placement.



Colleges that received APHG scores in 2005.

Stop by the College Board Booth at the AAG Annual Meeting in San Francisco this spring to talk to committee members and test developers about the test and join with your colleagues at the College Board's reception for AP Human Geography. The continuing growth of the APHG course will provide more students for geography departments—students with geographic knowledge and a desire to set a career path toward geography. ■

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- Gober, P. (2005) "AP Human Geography: Trickle-Up Effects on Collegiate Geography" *AAG Newsletter*, Vol. 40 (1).

Past President's Address: "Land, Life, and Environmental Change in Mountains"

Richard Marston's Past President's Address at the 2007 AAG Annual Meeting in San Francisco will explore one of the greatest challenges facing mountain scientists: the need to separate environmental change due to human activities from change that would have occurred without human interference. Linking cause-and-effect is especially difficult in mountain regions where physical processes can operate at ferocious rates and ecosystems are sensitive to rapid degradation by climate change, resource development, and land use/land cover change. Pressure is increasing for resource development in mountains, home to 600 million people and the source of water for half of the world's population. In addition, highland inhabitants are more vulnerable to natural hazards and political-economic marginalization than populations elsewhere.

This presentation will highlight special insights that geographers offer to understanding human impacts on mountain landscape stability. First, modern techniques of measuring rates of geomorphic change help place the human factor in perspective and explain spatial variability of natural hazards. Second, scientists and policy-makers have come to realize that most problems require

training, experience, and expertise in understanding both physical and human systems. The propensity for collaboration within our discipline and with practitioners from other disciplines serves geographers well for understanding the human impact in mountains. Third, the mixed methods and theories we employ—quantitative and qualitative, positivist science and critical theory, muddy boots field work linked with GIScience—together position geographers to resolve the debate over human triggered physical landscape change in mountains and explain the frequent disconnect between the findings of mountain science, policy making, and resource management.

Marston's address will illustrate the complex feedbacks between biophysical and human phenomena from the growing international community of mountain scientists, in which geographers play an influential role, plus his own work in the Himalaya-Karakoram, the French Alps, the Rocky Mountains, and the coastal ranges of Oregon and south-east Alaska. Studies of slope stability, floods,

and river incision in the Himalaya of central Nepal and the Garhwal Himalaya of India demonstrate the need to avoid potential pitfalls if we are to separate human impacts from background variability. We must recognize the place-dependency of processes, take care before extrapolating cause-effect relations

from one place to another, and recognize the contrasting sensitivity of landscapes to disturbance. Mountain landscapes can respond to outside induced disturbances—human or natural—in opposite ways at different times and places. Mountains function differently as a whole than would have been understood by adding-up the individual effects of multiple physical and human

variables. The International Year of Mountains (IYM) in 2002 spawned a variety of efforts to raise the awareness of the values of mountain regions and build on the IYM motto, "We are all mountain people."

Marston will deliver his Past Presidential Address on April 19, 2007, immediately following the AAG Banquet. The address is open and free to all meeting attendees. ■



Marston

Is it Time for an AAG "Developing Regions" Membership Program? from page 2

registration fees at the AAG Annual Meeting and other AAG-sponsored meetings, along with other standard benefits would also be included with the individual membership.

Example: Developing Regions Individual Memberships

Individual geographers in developing regions with income of less than \$20,000 per year might be made eligible for AAG membership at the price of \$20 per year. This category would include all regular membership benefits, except that publications would be provided only in digital format:

- Online access to AAG publications, the *Annals of the Association of American Geographers*, *The Professional Geographer* and *AAG Newsletter*
- Reduced registration fees (member rates) at the AAG Annual Meeting and other AAG-sponsored meetings
- Reduced rate on other third party geographic journals offered by the AAG
- Reduced prices on AAG publications (according to normal individual membership benefits)
- Option for hard copy journals or newsletter for incremental fee, to cover cost of production and especially shipping

The examples provided above are illustrative of what could be done now, with

the new financial strength of the AAG, and with our current online technologies. They are only one approach, but are included here to give a concrete idea of how such a program might be implemented. They also are administratively fairly easy to implement.

Greater international networking, information sharing, and interaction is becoming increasingly common in the work and lives of most geographers, both in so-called "developing regions" and in wealthier countries. As both the AAG membership and the attendance at our

Continued on page 6

Geography Awareness Week 2007

This year's Geography Awareness Week, November 13-17, was a busy one. Many schools, individuals, and geographic organizations including the Association of American Geographers sponsored or participated in activities to support geography and geographic education. GAW has been held every year since 1987 during the third week of November to celebrate "geography awareness" and promote the importance of geography in the U.S. and Canada.

The AAG began the week with a National Public Radio broadcast on Monday about the importance of geography and the exciting place the discipline currently finds itself. AAG Executive Director Doug Richardson was featured on the NPR program "The Kojo Nnamdi Show," along with Mark Monmonier from Syracuse University, John Hanke of Google Earth, and Christian Nold of University College London. A recording of the one-hour show is available for use or distribution online at www.wamu.org/programs/kn/06/11/13.php#12176.

Other AAG Geography Awareness Week activities included outreach booths highlighting geography and the student activities of the My Community, Our Earth project (MyCOE) at the USDA and George Wash-

ington University. Focused on "Geographic Learning for Sustainable Development," the MyCOE program is an AAG-led partnership to encourage youth to use geographic concepts and tools to address local issues of sustainability (www.aag.org/sustainable/). The AAG also partic-

ipated in several related activities during the week, including an AAG co-sponsored U.S. Geological Survey symposium on natural hazards and a meeting of the Society of Women Geographers.

The My Wonderful World campaign, a five-year public engagement and outreach initiative to promote geographic literacy supported by the AAG, National Geographic Society, and others, celebrated the week by highlighting Africa with resources, games, and an interactive Google Earth quiz of "Africa IQ" at www9.nationalgeographic.com/mywonderfulworld/docs/gaw.html. A daily blog on the site also explored different facets of Africa's geography (with links to related sites and tools).



Past My Community Our Earth (MyCOE) winners, this group of Jamaican elementary students are shown recording field data for their winning 2005 transportation project.

Additionally, at time of press, reports from schools, geography organizations, and individuals who held special events for Geography Awareness Week were beginning to roll in. Among the reports was news that Canadian geographers were featured in the article "Geography Awareness Week to

Highlight the Importance of Place" in the *News EMC*. The article discussed geography and geography awareness and noted local events including a Carleton University hosted GIS Day open house for local youth on career opportunities in geography. Also the University of Kansas Geography Department reported record attendance of 266 at their third annual Globe-O-Mania trivia bowl. The GeoClub and Geography Graduate Student Organization-sponsored event attracted mostly undergraduates and non-majors who answered geography-related questions.

If you have any Geography Awareness Week news you'd like to submit, please contact us at newsletter@aag.org so we can include your event in an upcoming issue. ■

Is it Time for an AAG "Developing Regions" Membership Program? from page 5

annual meetings have grown in recent years, international geographers' participation in the activities of the AAG has grown at an even faster rate than that of domestic U.S.-based geographers. With over 5,500 attendees already registered for the AAG Annual Meeting to be held in San Francisco next April (2007), nearly 25% are from countries other than the U.S., up from approximately 20% during the past few years. Yet most of our current international membership and participation is still from the wealthier countries in Europe, Asia, and North America.

An AAG developing world membership category would recognize the obvious:

that vastly different financial resources are available in different parts of the world. This proposed new category of membership, while recognizing the more extreme financial needs of geographers in the very lowest income countries, is not wholly inconsistent with the AAG's current general membership fee approach for the U.S. and other wealthier countries, which also recognizes income level differences among individual members in establishing membership fees.

And, of course, encouraging greater participation of geographers from the "developing regions" of the world in activities and networks of the AAG has the

potential to enrich the experience, research, and scholarship of the AAG and its current members in myriad ways, providing benefits to us far exceeding the financial subsidies we might extend to our colleagues in some of the poorest regions of the world.

I look forward to receiving your thoughts, suggestions, and ideas on this proposal. ■

Doug Richardson
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AAG Washington Monitor

Democrats Gain Control of Both House and Senate

A few days before the November 7 elections, *Washington Post* editorial cartoonist Tom Toles reminded readers about the Democrats' recent penchant for finding ways to blow national elections. He depicted the Democratic donkey in the person of Charlie Brown, eager to kick the football being held by Lucy, representing voters nationwide and the bevy of polls showing the Democrats poised for substantial gains in both houses of Congress. But Toles's warning notwithstanding, Lucy was true to her word this time, and she held the ball long enough for an emphatic boot by the party that hadn't won a national election since 1996.

The Democrats seized control in the House, where they're likely to end up with at least 232 of the 435 seats. In the Senate, razor-thin wins by Virginian Jim Webb and Montana's Jon Tester gave the Democratic caucus fifty-one votes—just enough for control. As a result, when the new Congress convenes in early January, the House will be led by the nation's first female Speaker, Rep. Nancy Pelosi (D-CA). In the Senate, Harry Reid (D-NV) will guide a caucus featuring nine new members, reelected titans Robert Byrd (D-WV) and Ted Kennedy (D-MA), and several Senators with star power and presidential aspirations, including Evan Bayh (D-IN), Hillary Clinton (D-NY), and Barack Obama (D-IL).

While others will write about what the changes will mean for our nation and the world, I'll try to offer just a few preliminary thoughts on what the elections will mean for geography and the science community. Most importantly, perhaps, the House Science and Senate Commerce, Science, and Transportation Committees will no longer be deferential to a Bush administration that many Washington insiders assert has been extremely hostile to scientific endeavor. In addition, the new appropriations chairs in both houses of Congress are perhaps more likely to favor substantial increases for the National Science Foundation, the United States Geological Survey, the National Insti-

tutes of Health, the Census Bureau, and the other federal agencies that support basic research and data collection.

Also, while Rep.-elect Tim Walz (D-MN) will be the only member of the Democratic majority with direct ties to geography (see story below), there are several Democrats with social science backgrounds who have supported AAG activities in recent years and will continue to be useful allies in the coming months. For example, in 2005, Reps. Daniel Lipinski (D-IL), a political scientist, and Brian Baird (D-WA), a psychologist, were featured speakers at a Decade of Behavior congressional briefing sponsored in part by the AAG.

Another area that will likely see change as a result of the elections is education policy. While there has been substantially more bipartisan cooperation on education issues in the last six years than on other topics, the political shift will certainly bring a changed tone to Washington, especially as Congress readies to reauthorize No Child Left Behind, the administration's name for the Elementary and Secondary Education Act. The AAG will work closely with our allies in the geography community to promote the geographic education bills under consideration and the overarching importance of geographic education.

January will be an interesting and historic time here in Washington. Stay tuned as new developments and policy shifts become clearer in the days ahead!

Geography Teacher Wins House Seat

Amid the attention given to close Senate races, various referenda, and other such matters this November, you may have missed the news that one of the House districts where a Democrat challenger unseated a Republican incumbent was the first district in Minnesota. But why should we care that Tim Walz defeated Gil Gutknecht by a 53%-47% margin? Because Tim Walz is a geogra-



Walz

phy teacher at Mankato West High School in Mankato, Minnesota. With his wife, Walz also runs an educational travel business, through which he accompanies high school juniors and seniors on educational trips to China each summer.

It's nice to know that there's at least one new member of Congress who won't have to be convinced that geography is an important subject in the schools and that enhanced geographic perspectives can be valuable in dealing with the nation's and world's issues. More information on Tim Walz may be obtained at http://en.wikipedia.org/wiki/Tim_Walz.

Top Census Officials Resign; Confirmation Battle Could Ensnare

On November 14, the two top officials at the U.S. Census Bureau resigned, potentially throwing 2010 Census preparations in disarray and setting up what could be a messy and protracted confirmation battle in the U.S. Senate. Census Director C. Louis Kincannon and Hermann Habermann, the Bureau's Deputy Director and Chief Operating Officer, did not provide a clear reason for their simultaneous departures, but signs suggested that Kincannon and Habermann felt they had lost influence within the Bush administration.

Political insiders have suggested that the officials, both highly regarded statisticians, were targeted by Republicans intent on appointing replacements who would be less likely to favor sampling for the 2010 Census. Sampling is used primarily to estimate the true population size of hard-to-measure localities and tally unaccounted for residents. Its heaviest influence is typically felt in urban communities that tend to vote for Democratic congressional candidates. As a result, full implementation of sampling for the 2010 Census could strengthen inner-city representation at the expense of more moderate-to-conservative suburban and rural areas.

Continued on page 15

San Francisco Ethnic Neighborhoods from page 1

immigration occurred during the 1850s, when large numbers rushed to the gold fields and later labored on the railroad. More recently, the 1997 handover of Hong Kong to China brought an influx of middle class immigrants. Currently, one in five city residents is of Chinese descent.

Chinatown, the oldest and one of the largest Chinatowns in North America, is located just west of the original bay waterfront. Although a popular tourist destination, Chinatown maintains its community relevance through its host of community-serving institutions. Grant Avenue is famed for its somewhat Disneyland-style architecture (credited to Chinese American Look Tin Eli), but Stockton Street is the neighborhood's true shopping street, where you'll find many residents toting pink plastic bags from the markets, delis, dim sum shops, and bakeries. Also interesting are the alleys which cut between the long blocks, and from where one can often hear mah jong tiles being washed overhead.

With overcrowded and substandard housing a problem in Chinatown, middle class Chinese have settled in the Richmond and Sunset districts and working class Chinese have settled in Visitacion Valley and the Portola district. In all of these neighborhoods, satellite Chinatowns have also developed. The largest and most popular of these new Chinatowns is located along Clement Street between Arguello Boulevard and 12th Avenue, and features many neighborhood-serving shops and restaurants.

Japanese

Japanese immigration to San Francisco dates from the 1860s, with many arriving as laborers following passage of the Chinese Exclusion Act of 1882. After the 1906 earthquake and fire, the Japanese community settled in the area now known as Japantown, centered on the intersection of Buchanan and Post Streets. Japantown, or Nihonmachi, is the oldest Japanese enclave in the United States, celebrating its 100th anniversary in 2006. World War II internment decimated Japantown, not only through the forced relocation of its inhabitants, but also

through the consequent dispersal and assimilation of the Japanese population. Unlike the Chinatowns which support a local residential Chinese population, Japantown remains a cultural center of a dispersed Japanese population, housing numerous temples and churches; Kinokuniya Bookstore, a major Japanese bookseller; community newspapers; and the national headquarters of the Japanese American Citizens League.

Filipino

Filipinos began arriving in California at the turn of the twentieth century, working as merchant marines and migrant farm workers, and staying in San Francisco's transient hotels during shore leaves and off-seasons. As immigration laws barred Filipino men from bringing wives, the men developed a bachelor community around the hotels, pool halls, and barber shops of the transient quarters.

The historic heart of the Filipino community, Manilatown, was located along Kearny Street near Portsmouth Square. Although Manilatown no longer exists, its legacy remains in the International Hotel, the focus of a nine year public battle which came to symbolize the fight against urban renewal and displacement in the late 1960s. Despite developers' eventual success in demolishing the hotel, the city's requirement for replacement low income units kept the site in a hole in the ground for the next twenty-six years.

Today, Filipino communities are located in the South of Market and the Outer Mission/Daly City. The South of Market community, centered on Sixth and Mission Streets, is comprised mostly of low income immigrant families in the residential alleyways and of elderly World War II veterans in the residential hotels. Working and middle class families are clustered in the Outer Mission and Daly City.

African American

Significant numbers of African Americans arrived in San Francisco during World War II, when many migrated to work in the Bay Area's wartime industries. Most settled

in the Japanese-vacated Western Addition, and in Bayview Hunter's Point near the naval shipyard. These remain the largest African American enclaves in the city, with a smaller one located in the Oceanview/Merced/Ingleside district. Poverty, unemployment, and crime are persistent problems in these neighborhoods, as are declining Black populations, as those who can have been moving to the suburbs, while residential succession and redevelopment have unsettled the remaining populations. Recent attempts to revive Fillmore Street south of Geary Boulevard as a "jazz heritage district" have mostly failed. Meanwhile, the development of a new light rail line down Third Street promises future changes for Bayview Hunter's Point, although predictions vary from a local economic revival to gentrification and displacement.

Russian

The fall of the Soviet Union rejuvenated the Russian community in outer Richmond. Prior to the fall, the Russian presence was limited to a few faded restaurants and an impressive onion domed cathedral. In the past fifteen years, Russian



Russian businesses in the Richmond neighborhood of San Francisco

bakeries, restaurants, pharmacies, and markets have sprouted along Geary Boulevard west of Park Presidio. In addition to commerce, recently arrived Russians have brought to the neighborhood a culture of strolling, which has added pedestrian life to a corridor otherwise dominated by cars.

Continued on page 9

AAG Endorses GENIP Standards for “Highly Qualified” Geography Teachers

The AAG Council recently endorsed a statement released by the Geography Education National Implementation Project (GENIP) on the importance of and standards for highly qualified geography teachers. GENIP, an organization coordinating the geography education initiatives of the Association of American Geographers, the American Geographical Society, National Council for Geographic Education and the National Geographic Society, developed this position statement on qualifications for a highly qualified teacher in geography through a broad consensus process.

Under NCLB, a highly qualified teacher is someone who: 1) holds a bachelor's degree; 2) has demonstrated broad content

and teaching skills by successfully completing an undergraduate major (or advanced certification) in their subject area(s) or passing a state test; and 3) holds a license to teach. For current practitioners, the option is added to hold a bachelor's degree and either meet the second requirement or pass a state test of academic subject areas.

The GENIP statement notes that “... if students are to learn standards-based geography well in school; if improvement in student achievement is to be documented on the National Assessment of Educational Progress and other measures; and if our graduates are to be prepared for life-long geography learning, it will be necessary to implement the definition of a highly qual-

ified teacher provided in the No Child Left Behind Act, primarily by requiring specific undergraduate coursework and ensuring specific ‘content pedagogy’ skills.”

Because relatively few teachers have access to teacher preparation programs in geography or earn a major in the discipline, the GENIP statement provides multiple pathways for obtaining the geography content preparation and instructional competencies required to achieve NCLB professional development expectations. GENIP believes that this statement (available in full at <http://genip.tamu.edu/>) will therefore be of value to the members of each constituent organization as well as to teacher preparation programs nationwide. ■

Decision Time Shortened for Articles Submitted to AAG Journals

Recent statistics show that in the past year AAG journals have reduced average article turnaround time to less than three months. During the period from January 1, 2006 to September 30, 2006, the overall average time from submission to decision for new manuscripts submitted to the *Annals of the Association of American Geographers* was 2.7 months. For *The Professional Geographer*, it was 2.9 months.

Turnaround time has been reduced by one month since 2005, when both journals averaged just under four months.

This change in decision times would not be possible without the cooperation and follow-through of peer reviewers. While reviewers are requested to provide comments on a pending article within one month, many return their reviews early. This is no small part of the improved

responsiveness of the journals as it allows the journal editors to render their decisions quickly (in addition to providing thoughtful comments to authors on the content of their articles).

Many thanks to all who help support the *Annals* and *The PG* as reviewers, editors, editorial board members, and authors. ■

San Francisco Ethnic Neighborhoods from page 8

Latino

Latinos began settling in the Mission district during the 1950s, when the resident Irish and Italian populations moved to the suburbs. Most conceive of the Latino district as the Inner Mission, from about 16th to 30th Streets and east on 24th Street. Indeed, this area offers an impressive and colorful density of Latino

commerce and culture, where one can find numerous taquerias, panaderias, produce stands, and other markets which support daily life. However, the Latino population concentration continues along Mission Street, through the Outer Mission district all the way to Daly City, giving the Latino enclave a distinctive linear settlement pattern.

Despite sky-high housing costs, San Francisco remains an immigrant port of entry to the Bay Area and beyond. To explore its ethnic neighborhoods is to discover what keeps the city vibrant, interesting, and ever-changing. ■

Monique Nakagawa
mayanak@sfsu.edu

AAG ADVANCING GEOGRAPHY FUND

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

Giving levels include:

- | | |
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This gift will be made as follows:

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Please send this pledge form to:

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

Make a Tax-Deductible Gift to Support Geography

Tax-deductible donations to the AAG Advancing Geography Fund will help the AAG to advance geography broadly in the years ahead. All contributions made to the fund by December 31 are tax-deductible for the year 2006.

The AAG has the goal of creating a \$2 million long-term, stable fund to provide sustained resources that can be used to strengthen academic geography, provide leadership training, and ensure a means for capitalizing on unique opportunities that arise in the future.

Gifts to the AAG Advancing Geography Fund may be designated to support specific projects or initiatives including geography education, enhancing diversity, public policy, and physical geography. You may also specify other purposes for your donation by checking "other" and indicating an area which you'd like to support in the space provided.

The Association of American Geographers, a nonprofit, tax-exempt, 501(c)(3) organization, will accept gifts made by cash, check, or credit card (MasterCard or VISA) using the form on this page. You may also pledge an extended gift by filling out the pledge form and budgeting your gift over a five-year period of time. Your pledge may be matched by your employer. Please consult your appropriate advisor for details.

Commemorative Bricks

In honor of the AAG and to advance geography, the AAG is currently filling orders for personalized bricks named by donors of \$1,500 or more to the Advancing Geography Fund. Both new donors and donors who have previously made contributions in this amount are eligible to name a commemorative brick. Bricks will be placed in the walkway of Meridian Place (AAG headquarters) in Washington, D.C. A ceremony and reception dedicating the new brick walkway will be held on Saturday, February 17, 2007, from 4:00-6:00 pm. The event is open to all AAG members.

Some suggestions for naming bricks are parents' names, your college or institution, your name and organization, your and your spouse's names, or the name of a professor or mentor you wish to honor. Personalized bricks make a unique and lasting birthday, holiday, or congratulatory gift. Buying a brick is a great way to memorialize a loved one or a mentor, while you support efforts to advance geography.

Reserve your brick today using the online payment system at www.aag.org/cf/bricks.htm or by downloading the form available there and sending it back to the AAG with your payment.

For groups that are interested in pooling their money to purchase a brick please send in a form (please do not use the online system) with the names of all donors and the amount that they gave. For questions, contact Robert Andelman at (202) 234-1450 x21 or randelman@aag.org.

Sign up for AAG Field Trips and Workshops

In San Francisco this spring, AAG meeting attendees will have the opportunity to take part in numerous field trips exploring the San Francisco region and workshops investigating new topics and activities. Brief descriptions of these workshops and field trips are listed below and full descriptions are available online at www.aag.org/annualmeetings/. Interested individuals may sign up for these events online at www.aag.org when registering for the annual meeting. If you are already registered for the meeting, please submit a hard copy registration form available at www.aag.org/annualmeetings/SF2007/. The 2007 meeting dates are April 17-21, 2007. Field trips marked with an asterisk (*) take place prior to April 17.

Field Trips

Natural and Cultural Heritage from San Francisco to Monterey Bay* (a multi-day tour including: Año Nuevo, Monterey Bay Marine Sanctuary, Monterey Bay Aquarium, Cannery Row, Carmel Mission, Point Lobos, and Big Basin Redwoods State Park)

Tracking Hydraulic Mining Sediment in the Sierra Foothills and Sacramento Valley* (American River, Bear River, Yuba River, Sutter bypass, Sacramento River)

Sonoma County Wine Geography* (three wineries/vineyards: Gloria Ferrer, Benzinger, Sonoma-Cutrer)

Sierra Nevada Gold Country and Yosemite Valley: Evidence Constraining Sierran Uplift and Glaciation*

Consuming San Francisco: From Union Square to Yerba Buena Center (St. Francis Hotel, Union Square, Levi's & Nike, Macy's, Stockton Street, Market Street, Sixth Street, Yerba Buena, Moscone Center, San Francisco Museum of Modern Art)

Napa Valley Sea Kayaking and Wine Tasting (Napa Valley Marina, Carneros Winery Region, Domaine Carneros Winery)

Port of Oakland Tour

Genealogy and Geography: An Insider's Tour of San Francisco's Financial District
A Walk Along San Francisco's Urban Waterfront (Fisherman's Wharf, Levi Plaza, Ferry Building, Giants Park/South Beach)

The Great Sand Waste: A Historical Look at Golden Gate Park (Golden Gate Park, Beach Chalet, Sutro Heights)

Tour of the U.S. Geological Survey (USGS Survey campus in Menlo Park, San Andreas Fault and other geological features along the way)

Post-Industrial "Renaissance" Walking Tour of San Francisco's Northeast Mission

South Bay Salt Pond Restoration (National Wildlife Refuge, Cargill Salts, Environmental Education Center)

Stairways of San Francisco

City Living Re-Invented: Walking Tour of San Francisco's SoMa District

Mocha Java Geography: Chocolate and Coffee Production in the Bay Area (Java walk, Scharfen Berger)

San Francisco Coast Biogeography: Golden Gate to Point Reyes (San Francisco Presidio National Park, Muir Woods, Audubon Canyon Ranch, Point Reyes National Seashore)

The Politics of Mobility and the Contestation of Urban Space in San Francisco: A Walking Tour of the Freeway Revolt (San Francisco Planning Department, Central Freeway Viaduct, Octavia Boulevard, Patricia's Green)

On the Border with Nature: Exploring San Bruno Mountain

Farallon Islands Natural History Trip with Dr. Ellen Hines

Conservation Biogeography of San Francisco Peninsula Endemics (Milagra Ridge, Mori Point, Presidio of San Francisco)

Workshops

Hands on GPS Mapping

Modern Stereoscopic Displays for Geographic Education

Writing and Publishing Your Scholarly Book

Geospatial Metadata: Introduction and Tips from the Field

Accommodating Diverse Learning Styles in the Geography Classroom

Object-Based Image Analysis with Definens Professional Software Looking for Data ■

Quarter Century

The December 1981 issue of the AAG *Newsletter* included the news that **William B. Kory**, associate professor of geography at the University of Pittsburgh at Johnstown, spent seven weeks during the summer of 1981 studying the Arab-Islamic culture of Egypt on a Fulbright Fellowship...the **University of Alabama** announced on

October 1, 1981 the establishment of the Department of Geography, following the separation of the seventy-nine-year-old Department of Geology and Geography...a report by **George Kish** (University of Michigan) and **Robert M. Ward** (Eastern Michigan University) offered suggestions for strengthening geography in

academia in light of the June 19, 1981 decision to terminate the **Department of Geography at the University of Michigan** at the end of the 1981-82 academic year...**Fred Shelley** was appointed as assistant professor at the University of Oklahoma. ■

300 Million and Counting

In October, we welcomed the 300 millionth American—a 50% population increase from 200 million in 1967. That's momentous, though in another thirty-five years, we may look back on these as the sparsely populated good ol' days. The number to watch isn't 300 million, it is 400 million.

High rates of unwanted fertility, higher numbers of people of reproductive age and continued immigration are pushing us toward 400 million by around 2040. We could slow this projected growth down, for example, reducing the 14% of births that are unwanted—very high by European standards—or by tightening legal and illegal immigration. Whether we have the political will to do so is another question, because experts have been making policy recommendations along these lines and warning of population growth impacts and at least since 1972.

In 1969, President Richard Nixon had Congress appoint a Commission on Population Growth and the American Future. Its 1972 report was prescient. It said immigration would impact U.S. population growth significantly by 2000—and it has. It warned that unless we made wiser choices about where people lived, population growth's consequences would multiply—they have. It predicted that 85% of Americans would live in urban areas by 2000—79% did. But with Vietnam, Watergate, and the presidential campaign, the 1972 report was largely ignored, and today, we still struggle with the same issues.

Population growth affects air, water, food, economy, living standards, social services, political rights. Some aspects of growth are positive, such as a larger workforce and consumer market helping us compete with Asia. Some are negative, such as environmental damage, sprawl, resource scarcity, and higher risks of con-

flict. We might mitigate some of those consequences, for example we might reduce environmental impacts by altering where and how Americans live and work. But ultimately we must confront the big question: How many people can a society support sustainably?

In 1972, our total fertility rate was 1.9, with just over 2 immigrants per 1,000 population entering the United States. Today, we have higher total fertility of 2.1 plus higher immigration of 3.2 per 1,000 population. Already the world's third most populous country, we are growing faster than any industrialized nation. Since the birth-control pill was introduced in 1963, birthrates stabilized for many but not all Americans: fertility rates are currently 1.8 for whites, 1.9 for Asians, and 2.0 for African Americans, versus 2.8 for Hispanics. A 2002 Center for Disease Control and Prevention study found that 17% of Hispanic births unwanted and 27% mistimed versus 11% unwanted and 18% mistimed Anglo births. (Mistimed means having the child sooner than the woman wanted.) This needs more study but suggests disparities in access to family planning and/or sex education.

Though research supports the commission's finding that wider access to family planning and education would reduce birthrates, we do little to provide it. Comprehensive sex education is proven to delay sexual activity, and 90% of Americans support it, yet we make no federal appropriation for it. Medicaid Family Planning Expansion Waivers demonstrably reduce unintended pregnancies and abortions while saving state and federal dollars, yet they are unavailable in twenty-nine states.

The commission's prediction that immigration would impact population also proved true; immigration contributed 53% of population growth since 1967—

more than fifty million people. The commission recommended maintaining 1972 levels of legal immigration (400,000 annually) and stopping illegal immigration.

Today, many politically feasible, useful immigration reforms are possible without resorting to sealing the borders or mass deportation of illegal immigrants. For example, enforcing the widely flouted 1986 law mandating sanctions against employers hiring ineligible workers, or undoing perverse incentives for temporary workers to overstay their visas and become permanent illegal residents, could help slow population growth. Yet today, with twelve million illegal immigrants already here, such reforms remain elusive.

Thirty-five years ago, the commission concluded that looming environmental, economic, social, and governmental impacts of population growth highlighted our need to slow growth and achieve a stable population, sooner than later. That conclusion is still valid—all the more so for growth beyond 300 million. America is not China; Washington is unlikely to legislate zero-population growth anytime soon. But we can and should empower women to have the number of children they choose, achieve some reduction in immigration, and make policy changes that will better manage growth. ■

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This article originally appeared in the October 15, 2006 San Francisco Chronicle.

Charles Westoff is professor emeritus and senior research demographer for Princeton University's Office of Population Research (OPR), and former executive director of the Commission on Population Growth and the American Future.

Juliane Baron is Washington, D.C. director of the Population Resource Center.

The AAG invites brief opinion pieces consistent with the AAG ethics policy.

Send submissions to newsletter@aag.org.

AAG Book Awards

Each year, the AAG confers three book awards, the John Brinckerhoff Jackson Prize, the Meridian Award for the Outstanding Scholarly Work in Geography, and the Globe Book Award for Public Understanding of Geography. Nominations are now invited for these awards, and should be submitted by **December 31, 2006**.

AAG Meridian Book Award for 2006

Authors who have published books in calendar year 2006 are eligible for the AAG Meridian Award for the Outstanding Scholarly Work in Geography. The award is made for a book that makes an unusually important contribution to advancing the science and art of geography. Winners will be recognized at the 2007 Annual Meeting in San Francisco and an award of \$1,000 each will be made for a book written or co-authored by a geographer.

Nomination statements (two page maximum length) should specify the award for which the book is being nominated and document the ways the nominated work meets the applicable criterion. Please submit nomination statements and four copies of each nominated book to Book Awards, Association of American Geographers, 1710 Sixteenth Street NW, Washington, DC 20009 no later than **December 31, 2006**.

Visit www.aag.org/Grantsawards/meridian_book_award.cfm for details.

AAG Globe Book Award for 2006

Authors who have published books in calendar year 2006 are also eligible for

the AAG Globe Book Award for Public Understanding of Geography. This award is made for a book that conveys most powerfully the nature and importance of geography to the non-academic world.

Nominations are made in the same manner as the Meridian Award (see above), and should be received no later than **December 31, 2006**.

Visit www.aag.org/Grantsawards/globe.cfm for further details.

AAG John Brinckerhoff Jackson Prize for 2006

The AAG's Jackson Prize was established to encourage and reward American geographers who write books about the United States that convey the insights of professional geography in language that is interesting and attractive to a lay audience. The prize, which carries an award of \$1,000 to the author, is for books published during the calendar year 2006.

J. B. Jackson founded the magazine *Landscape* in 1951 and remained its owner and editor until 1968. After he retired as editor, he spent more than a decade writing about landscape and teaching celebrated courses in the history of vernacular landscapes at Berkeley and Harvard. The AAG's Jackson Prize is dedicated to encouraging the kind of thinking and writing to which J.B. Jackson devoted much of his life: to encourage Americans to look thoughtfully at the human geography of their own country; to try to understand how that geography came to be and what it signifies; and to convey that understanding to the public at large.

Eligibility: J.B. Jackson and his friends established the prize to recognize American geographers who write serious but popular books about the human geography of the contemporary U.S. The prize is restricted to books written by geographers, with preference given to those by U.S. citizens or permanent residents. Textbooks, dissertations, and articles are ineligible. Special consideration will be given to books that are carefully designed, appropriately illustrated, and physically appealing. The selection committee reserves the right to make no award in a particular year. Awards are announced in conjunction with the Annual Meeting of the AAG.

Publishers are invited to submit entries for the Jackson Prize competition by **December 31, 2006**, and should forward one copy of the book to each of the four committee members: Michael P. Conzen (chair), Committee on Geographical Studies, University of Chicago, 5828 S. University Avenue, Chicago, IL 60637-1583; Karl B. Raitz, Department of Geography, University of Kentucky, Lexington, KY 40506-0027; Richard Francaviglia, Center for Southwest Studies, Box 19497-Central Library, University of Texas at Arlington, Arlington, TX 76019-0497; and Susan Hardwick, University of Oregon, Department of Geography, Eugene, OR 97403-1251.

For more information about the Jackson Prize, see www.aag.org/Grantsawards/Jacksonprize.html or contact Michael P. Conzen (chair) at 312-702-8308 or m-conzen@uchicago.edu. ■

Hoffman Award Applicants:

Applications for the Hoffman Award should be submitted to Interim Hoffman Committee Chair Kazimierz Zaniewski at University of Wisconsin-Oshkosh, Department of Geography and Urban Planning; zaniewsk@uwosh.edu. Applications already submitted to the previous chair, George White, will be forwarded to the new interim chair and do not need to be re-submitted.

NSF Award for Young Researcher

The National Science Foundation is accepting nominations for the 2007 Alan T. Waterman Award. The Waterman Award recognizes the talent, creativity, and influence of a singular young researcher and is the NSF's highest honor for researchers under the age of thirty-five.

Nominees are accepted from any field of science or engineering that NSF supports. The award recipient will receive a medal and an invitation to the formal awards ceremony in Washington, D.C. In addition, the recipient will receive a grant of \$500,000 over a three-year period for scientific research or advanced study in any field of science or engineering supported by the NSF, at any institution of the recipient's choice. Candidates must be U.S. citizens or permanent residents and must be thirty-five or younger or not more than seven years beyond receipt of the PhD degree by December 31 of the year in which they are nominated.

Candidates should have demonstrated exceptional individual achievements in scientific or engineering research of sufficient quality to place them at the forefront of their peers. Criteria include originality, innovation, and significant impact on the field.

For detailed nomination information, please visit www.fastlane.nsf.gov/honawards/.

Complete nomination packages, consisting of nominations and four letters of reference, are due by **December 31, 2006**. The nominations and letters must be received through the FastLane system. Please contact the Program Manager for the Alan T. Waterman Award at waterman@nsf.gov or 703-292-8040 if you have any questions. You may also visit <http://www.nsf.gov/od/waterman/waterman.jsp> for more information.

International Teacher Program in Japan

The Toyota International Teacher Program is open to teachers of all disciplines in grades nine to twelve nationwide and offers a fully-funded, eleven-day professional development experience in Japan

to take place June 22 - July 7, 2007. The program will provide forty educators with an opportunity to travel through Tokyo, Nagoya, Kyoto, and surrounding rural areas examining the history, education system, environment, and industry of Japan.

To apply online, visit www.iie.org/toyota. The application deadline is **January 8, 2007**.

Holberg International Memorial Prize

Nominations are invited for the Holberg International Memorial Prize for outstanding scholarly work in the fields of the arts and humanities, social science, law, and theology.

The prize for 2007 is approximately \$716,000 and will be awarded to scholars who have made a decisive influence on international research in their field, for instance through the development of new theory, knowledge, or insight, through making new use of existing theories, or through the methods used.

Scholars holding a senior position at universities and other research institutions within the above mentioned academic fields may nominate candidates for the Holberg Prize. Letters of nomination must be sent, by **February 15, 2007**, to: the Holberg Prize, University of Bergen, P.O. Box 7800, NO-5020 Bergen, Norway. For full details visit www.holbergprize.no.

Grants for Research in Geographic Education

The National Council for Geographic Education is accepting submissions for Miller Grants for Research in Geographic Education. These research grants of up to \$4,000 for projects lasting up to twenty-four months are intended to advance frontiers in geographic education by supporting and promoting innovative research in theory, practice, and application. Projects may focus on geographic learning and teaching at any age level from pre-school to adult and at any scale from individual learners and teachers to national and international studies. For eligibility requirements and proposal guidelines visit www.ncege.org/resources/awards.

Proposals must be postmarked by **March 15, 2007** to be eligible for consideration.

Funding for Language and World Region Studies

The National Security Education Program (NSEP) is offering funding for U.S. students to study world regions critical to U.S. interests (including Africa, Asia, Central and Eastern Europe, Eurasia, Latin American and the Caribbean, and the Middle East, but excluding Western Europe, Canada, Australia, and New Zealand). Boren Scholarships for undergraduate students, Boren Fellowships for graduate students, and the National Flagship Language Program (NFLP) Fellowships for advanced language training are available through the NSEP. Information about all three programs can be found at www.iie.org/nsep.

The Boren Scholarship and Boren Fellowship application are both offered only online at www.iie.org/programs/nsep/undergraduate/default.htm and www.iie.org/programs/nsep/graduate/default.htm respectively. The NFLP Fellowship application is downloadable at www.iie.org/programs/nsep/flagship/default.htm.

The application deadlines are: **January 17, 2007** for NFLP Fellowships, **January 30, 2007** for Boren Fellowships, and **February 13, 2007** for Boren Scholarships. Please contact nsep@iie.org or 1-800-618-NSEP, if you have any questions.

Cartography and GIS Scholarships

Scholarships for excellence in cartography or GIScience are available from the Cartography and Geographic Information Society (CaGIS). Two CaGIS scholarships are awarded for studies focusing on cartography or GIScience rather than applying GIS or mapping as a technique. There is a \$1,000 award for a doctoral student and a \$500 award for a master's student. Winners are selected based on academic merit. Awards are announced in the spring.

Candidates must be enrolled full-time in a four-year undergraduate or graduate

Continued on page 15

degree program in cartography or GIS. Prior scholarship winners are eligible to apply in succeeding years, provided all appropriate criteria are satisfied. Scholarship applicants must be members of CaGIS.

For details and application forms, visit www.cartogis.org/awards/scholarship/. Applications must arrive at ACSM/CaGIS headquarters no later than 5:00 pm, **December 15, 2006** to be considered.

Information on other CaGIS-sponsored awards is available at www.cartogis.org/awards.

Historical Study in Pennsylvania

The Pennsylvania Historical and Museum Commission invites applications for the 2007-08 Scholars in Residence Program, including applications for collaborative residencies. Residency programs are

open to all who are conducting research on Pennsylvania history and provide support for up to eight weeks of full-time research and study in manuscript and artifact collections maintained by any commission facility. Stipends are awarded at the rate of \$375 per week. For full details visit www.phmc.state.pa.us or call 717-787-3034. Deadline for applications is **January 12, 2007**. ■

AAG International Geographic Information Fund Awards

The AAG International Geographic Information Fund (IGIF) offers three types of awards: Student Travel Grants, Graduate Research Awards, and Student Paper Awards. These awards are intended to support full-time students who are currently registered in an undergraduate or graduate degree program at a duly accredited and recognized college, university, or other educational institution within the United States, and who are working in any area of spatial analysis or geographic information science and technology (GIS&T).

This year, one or more AAG-IGIF Student Travel Grants in the amount of approximately \$500 will be awarded. Grant monies can be used for the support

of student travel to national and international symposia or specialized meetings sponsored by recognized professional organizations associated with GIS&T.

Also, one or more AAG-IGIF Graduate Research Awards of up to \$500 will be made in support of graduate research proposed by a student.

Additionally, one or more AAG-IGIF Student Paper Awards of up to \$200 will be made in recognition of outstanding student papers in any area of GIS&T given at a national and international conference or specialized meeting sponsored by recognized professional organizations held during 2006.

Students interested in attending the "Geography in the Americas: Collabora-

tion on Research and Education" conference in Chile, who meet IGIF requirements, are encouraged to apply.

For complete information on all IGIF awards visit www.aag.org/Grantsawards/IGIF.cfm.

To apply for an AAG-IGIF award, please submit completed application materials in an email attachment to grantsawards@aag.org with the title of the appropriate IGIF award in the subject line. Alternately, completed applications can be mailed to: Association of American Geographers, AAG-IGIF (fill in subject) Award, 1710 Sixteenth Street NW, Washington, DC 20009-3198. The deadline for applications is **December 31, 2006**. ■

AAG Washington Monitor from page 7

As of this writing, it's unclear who the president will look to appoint to fill the vacancies. Habermann will leave the bureau in January regardless of whether his job has been filled. Typically, the deputy director position would be filled by a career civil servant, but making a political appointment is within the admin-

istration's discretion. Kincannon, meanwhile, has agreed to stay at the bureau until his successor has been nominated and confirmed by the Senate. If President Bush appoints an individual distinctly opposed to sampling techniques, the nominee could face strong opposition in a Senate that will be controlled by the

Democrats as of January. The AAG will keep close tabs on the nominations to replace Kincannon and Habermann as they are made. ■

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Travel Grants Available for Students

Student travel grants to attend the "Geography in the Americas: Collaboration on Research and Education" conference in Chile are now available. Interested students are urged to apply for travel funding through the AAG's International Geographic Information Fund (IGIF) noted above. Additional travel funding is also available. For information visit www.geographyintheamericas.com/. The conference will be held May 21-26, 2007.

The AAG welcomes the following new members.

- Abeloe, Ryan; Reno, NV
 Abeansirigunawardena, Dilumie; Victoria, BC, Canada
 Ahn, Kyung Ju; Fayetteville, NY
 Anderson, Trisha
 Antilla, Liisa; Seattle, WA
 Asami, Yasushi
 Bain, Christopher, M.; Chambersburg, PA
 Barrett, Bradford; Norman, OK
 Barsimantov, James; Santa Cruz, CA
 Bart, Ryan; San Diego, CA
 Bartoli, Catherine
 Batina, Matthew; Slippery Rock, PA
 Batnitzky, Adina; Oxford, UK
 Batson, Douglas; Alexandria, VA
 Bauriedl, Sybille; Hamburg, Germany
 Been, Laura; Palm Springs, CA
 Beland, Michael; Los Angeles, CA
 Belden, Deborah; Missoula, MT
 Berry, Stephen M.; Berea, KY
 Bettinger, Keith; Honolulu, HI
 Bhungalia, Lisa; Syracuse, NY
 Birnie, Philip; Columbus, OH
 Black, Jennifer; New York, NY
 Blackman, M. Jason; Vancouver, BC, Canada
 Blandford, Benjamin
 Bliet, Desmond; Montreal, PQ, Canada
 Blumberg, Renata; Minneapolis, MN
 Branum, Bob; San Antonio, TX
 Bray, Kelly; Saint Petersburg, FL
 Browne, Kath
 Broz, John; Athens, OH
 Buller, Rebecca; Lincoln, NE
 Cadman, Louisa Jane; Sheffield, UK
 Caroline, Guigar; Philadelphia, PA
 Casey, Melinda; Grand Prairie, TX
 Catania, Rose Tina; Hanover, NH
 Charney, Igal; Koranit, Israel
 Charrier, Richard; Columbia, MO
 Chen, Cynthia; New York, NY
 Chen, Shuang Sophia; Nanjing, Peoples Republic of China
 Chen, Wei-Ming; Taipei, Taiwan
 Chiang, John; Berkeley, CA
 Coles, Benjamin; Egham, Surrey, UK
 Conley, Theodore
 Corson, Catherine; Ithaca, NY
 Costich, Claudine; Rockville, MD
 Crain, Barbara; Kensington, MD
 Crouse, Dan Lawson; Montreal, PQ, Canada
 Cumming, Rebecca; Victoria, BC, Canada
 Dahlke, Melissa; Austin, TX
 Dall'erba, Sandy; Tucson, AZ
 Darrin, Kachadorian; Springfield, VA
 Davis, Elyssa; Brooklyn, NY
 Davis, John; Colorado Springs, CO
 De Sevo, Julia; Pleasantville, NY
 Deacon, Leith; London, ON, Canada
 Devlin, Ryan; Berkeley, CA
 Diaz Caravantes, Rolando; Tucson, AZ
 Dillow, Robin K.; Chicago, IL
 Dodman, David; Kingston, Jamaica
 Downs, Joni
 Doyle, Jason
 Drabble, Stephanie; Manchester, UK
 Driscoll Derickson, Kate; State College, PA
 Dupont-Coutu, Rebecca; Salem, MA
 Dworkin, Devin; Salem, MA
 Dyble, Louise Nelson; South Pasadena, CA
 Efron, Jessica; Boone, NC
 Egan, Brian
 Ekers, Michael; Toronto, Canada
 Erichsen, Chris; Jesi (Ancona), Italy
 Es, Murat; Chapel Hill, NC
 Eskandari, Mohammad
 Estacio, Sandy; Fremont, CA
 Falconer, Ryan; Hermosa Beach, CA
 Fan, Chuncui
 Fernando, Dinali; Piscataway, NJ
 Fischetti, Diana; Eugene, OR
 Flaherty, Kevin
 Forest, Patrick; Montreal, PQ, Canada
 Fortier, Joseph; Worcester, MA
 Franz, Heatherann; Spokane, WA
 Gall, Megan; Denver, CO
 Gao, Jin Cheng; Manhattan, KS
 Garcia-Ellin, Juan Carlos; Los Angeles, CA
 Gareau, Brian J.; Santa Cruz, CA
 Germain, Alexandre; Montreal, Canada
 Gold, John R.; Oxford, UK
 Goldberg, Daniel; Playa del Rey, CA
 Goodall, Jonathan
 Goodridge, Graham; Pepperell, MA
 Gore, Matthew; Montreal, PQ, Canada
 Graci, Sonya; Toronto, ON, Canada
 Griffin, Carl; Belfast, UK
 Hagge, Patrick; Knoxville, TN
 Heppenstall, Alison; Leeds, UK
 Herman, Thomas; San Diego, CA
 Highland, Steven; Corvallis, OR
 Hill, Rory; Jersey, UK
 Hipkind, Vanita; Cincinnati, OH
 Hirt, Sonia; Blacksburg, VA
 Hogrefe, Kyle; Corvallis, OR
 Holden, Meg
 Holthaus, Eric; New York, NY
 Howze, Tony; Long Beach, CA
 Huff, Leah
 Hung, Yvonne; New York, NY
 Hungerford, Hilary; Kansas City, MO
 Hwang, Myunghwa; Urbana, IL
 Jakubowski, Marek; Berkeley, CA
 Jeffers, James; Piscataway, NJ
 Jhaveri, Nayna; Hamilton, NY
 Jiang, Ziyang; Worcester, MA
 Jones, Lauren; Glen Carbon, IL
 Julian, Jason Paul; Chapel Hill, NC
 Jun, Wang
 Kariyeva, Jahan; Tucson, AZ
 Kasperek, Sara; Akron, OH
 Kaup, Brent Zachary; Madison, WI
 Keeling, Arn; St. John's, NF, Canada
 Keon, Dylan; Corvallis, OR
 Kimmel-Guy, Alethea; Tempe, AZ
 King, Robert; Edwardsville, IL
 Kirk, Ryan; Minneapolis, MN
 Kraemer, Aaron; Minneapolis, MN
 Krueger, Amy
 Kuo, Chijeng; New York, NY
 Lane, Robyn; Fayetteville, AR
 Lanzendorf, Martin; Leipzig, Germany
 Lawrence, Diane; Appleton, WI
 Lebel, Alexandre; Quebec, PQ, Canada
 Lee, Taesoo; Buffalo, NY
 Leigh, Nancey Green; Atlanta, GA
 Lewis, Heather; Lockport, NY
 Li, Gary; Hayward, CA
 Li, Jia; Hong Kong, Hong Kong

- Li, Li; College Station, TX
 Li, Xiaoxiao
 Li, Yan
 Liao, Ke; Columbia, SC
 Limonad, Ester; Rio De Janeiro, Brazil
 Lin, Yu-Chun
 Lindeke, William; Saint Paul, MN
 Linton, James; Cantley, PQ, Canada
 Livingston, David; Bloomington, IN
 Loftus, Alex; Egham, Surrey, UK
 Lopez, Tania; State College, PA
 Lorimer, Hayden; Glasgow, UK
 MariaHazy, Laszlo; Irvine, CA
 Martinelli, Nick; Eugene, OR
 Mass, Bryan; Ralston, NE
 Mathews, Elizabeth; Co. Kildare, Ireland
 Matlin, Olga; Venice, CA
 Maxwell, Richard, S.; Morgantown, WV
 McBride, Kathleen E; Flagstaff, AZ
 McDonald, Ashley; Marietta, GA
 McDonough, Elisabeth; North Ferrisburg, VT
 McEvoy, Jamie; Logan, UT
 McGovern, Jeffrey; Tucson, AZ
 McKeown, Rosalyn
 McLauchlan, Kendra; Hanover, NH
 Medovaya, Mariyam; Boulder, CO
 Megan, Walsh; Eugene, OR
 Mercer, Kristin; Columbus, OH
 Miller, David Neal
 Miller, Jennifer Elizabeth; Austin, TX
 MirafTAB, Farnak
 Montoya, Mariana; Austin, TX
 Morgan, Fraser, John; Auckland Central, New Zealand
 Mortimer-Sandilands, Catriona; Toronto, ON, Canada
 Motley, Chris; Wamego, KS
 Mueller, Erich; Helena, MT
 Muhlestein, Geoffrey; Manitou Springs, CO
 Mulherin, Nathan L.; Goodyear, AZ
 Munro-Stasiuk, Mandy
 Murphy, Laura; New Orleans, LA
 Navarro, Juan; Hollister, CA
 Neeti, Neeti
 Ness, Jacob Michael; Brookings, SD
 Ni, Chin-Cheng; Albuquerque, NM
 Norwood, James Alan; Montgomery, AL
 Nowakowski, Joseph; Silverdale, WA
 Oeppen, Ceri; Cambridge, UK
 Olstad, Tyra; Laramie, WY
 O'Neill, Bruce
 Osinski, Robert; Crofton, MD
 Owens, Christina; Davis, CA
 Pal, Tania; Baton Rouge, LA
 Pardasani, Raj; Greensboro, NC
 Parmeley, Jennifer; Omaha, NE
 Parmentier, Benoit; Worcester, MA
 Pelling, Mark; London, UK
 Pence, Justin; Omaha, NE
 Pfeiffer, Jeanine; Davis, CA
 Pigozzi, Bruce; East Lansing, MI
 Pollini, Jacques; Ithaca, NY
 Polo, Patricia; Chapel Hill, NC
 Polyakova, Alina; Berkeley, CA
 Poncelet, Julie Anne; Seattle, WA
 Porinchak, Brandon; New Holland, PA
 Prizito, Tara; Atlanta, GA
 Pruett, Timothy; Murfreesboro, TN
 Ratner, Jaime; Binghamton, NY
 Rees, Catherine
 Reshef, Inbal; College Park, MD
 Richards, Penny L.; Redondo Beach, CA
 Riley, Christopher; New Albany, OH
 Rios-Alvarado, Eva; South Pasadena, CA
 Roark, Brendan; Menlo Park, CA
 Rogaly, Ben; Brighton, UK
 Rojas, Carmen; Oakland, CA
 Rudaz, Gilles; Berkeley, CA
 Sanchez, Sandra; Syracuse, NY
 Sanders, Karla; Athens, OH
 Sawyer, Suzana; Davis, CA
 Sayre, Roger; Reston, VA
 Scott, Christopher
 Seth, Anji; Storrs, CT
 Shaw, Ian; Tucson, AZ
 Sheridan, John; New York, NY
 Sherrell, Kathy; Vancouver, BC, Canada
 Shultz, Benjamin
 Skowron, Maya; Champaign, IL
 Skraastad-Jurney, Pamela; Edmond, OK
 Smith, Barbara Ellen; Blacksburg, VA
 Smith, Jeremy; Longmont, CO
 Smith, Nathan P.; Tucson, AZ
 Speer, David; Eau Claire, WI
 Steger, Terence; Tucson, AZ
 Stern, Pamela; Burnaby, BC, Canada
 Stewart, Harris; Asheville, AL
 Stuart, Diana; Santa Cruz, CA
 Stuart, Matthew; Salt Lake City, UT
 Stubbs, Quentin; Washington, DC
 Sugiyama, Kazuaki; Nagoya, Japan
 Tensen, Jeremy; Morgantown, WV
 Terpkosh, Travis; Los Angeles, CA
 Thien, Deborah; Long Beach, CA
 Thorburn, Craig; Clayton, Victoria, Australia
 Tinsler, Ana Marie; Mclean, VA
 Tompkins, Kyla; Pasadena, CA
 Torrado, Marla
 Townsend, Sarah; Gainesville, VA
 Trapolino, Scott; Cleveland, MS
 Triplett, Laura; Minneapolis, MN
 Tucker, Andrew R.; Cambridge, UK
 Tugault-Lafleur, Claire
 Van Ausdal, Shawn; Bogota, Colombia
 Viazanko, Andrea
 Vickers, Daniel; Sheffield, UK
 Vives Gonzalez, Celia; Vancouver, BC, Canada
 Wachal, Robert; Lewisville, TX
 Wallace, Robert; Irvine, CA
 Wang, Jiao; San Marcos, TX
 Wang, Ophelia; TX
 Wasserman, Noah
 Weaver, Eric; Cincinnati, OH
 Weisner, Larry; AP
 Welch, Ivan; APO AE, NY
 Wickham, Thomas; Washington, PA
 Williams, Jared; Independence, MO
 Willms, Joachim
 Wilson, Steven, Gregory; Clinton, MD
 Witcoski, Jonathan; Knoxville, TN
 Worthen, Holly; Chapel Hill, NC
 Wu, Fulong; Cardiff, UK
 Xu, Lei; Fullerton, CA
 Yanda, Benjamin; Laramie, WY
 York, Jennifer; Centreville, VA
 Yoshimura, Mami
 Zader, Amy; Boulder, CO
 Zalik, Anna; Berkeley, CA
 Zhang, Jianting; Albuquerque, NM
 Zheng, Tao; Williamsburg, MD
 Ziewitz, Kathryn

Network for PhDs in Climate Change Research

The Dissertations Initiative for the Advancement of Climate-Change Research (DISCCRS) is an interdisciplinary network for new PhD graduates in climate-change research sponsored by several professional associations including the AAG.

New PhD scholars from the natural and social sciences, humanities, mathematics, engineering, geography, and other fields are invited to join the network and apply for the DISCCRS symposium to be held September 10-17, 2007 in Hawai'i. During the week-long event thirty-six scholars will present their research in both oral and poster format,

four veteran climate-change researchers from the natural and social sciences will present and discuss their research and share insights on building successful collaborative interdisciplinary research projects and careers, communication skills will be developed in the context of interchange across disciplines and beyond academia, a representative from the NSF will describe programs and proposal review, and proposal-development skills will be practiced in interdisciplinary teams. Travel and on-site expenses are covered.

To be eligible for the symposium scholars must have completed their PhD between April 1, 2004 and March 31, 2007. Selection

will favor applicants who plan to engage in interdisciplinary research careers in any subject *within* or *relevant* to climate change and its impacts. The deadline for applications is **May 1, 2007**. Contact C. Susan Weiler at discrs@whitman.edu

DISCCRS also sponsors a webpage (<http://discrs.org>) to introduce new scholars to the global community and provide resources for early-career development. It includes: program information, network registration form, registered PhD dissertation abstracts, climate-change resources, career-development resources, and symposium application instructions. ■

New Appointments

ESRI, Education Industry Curriculum Development Manager, Joseph Kerski. PhD, 2000, University of Colorado.

Minot State University, Assistant Professor, Johnny Coomansingh. PhD, 2005, Kansas State University, Manhattan.

Salem State College, Professor, Richard R. Brandt. PhD, 2006, University of Arizona.

University of Kentucky, Assistant Professor, Patricia Ehrkamp. PhD, 2002, University of Minnesota.

University of Kentucky, Assistant Professor, Morgan Robertson. PhD, 2004, University of Wisconsin.

University of Kentucky, Associate Professor, Michael Samers. PhD, 1997, Oxford University.

University of Kentucky, Associate Professor, Andrew Wood. PhD, 1993, Ohio State University.

University of Miami, Senior Research Professor, Laurence S. Kalkstein. PhD, 1974, Louisiana State University.

University of South Florida, Assistant Professor, Fenda Akiwumi. PhD, 2006, Texas State University.

University of South Florida, Instructor, Jianguo Ma. PhD, 2005, Cornell University.

University of South Florida, Instructor, Connie Mizak. PhD, 2004, University of South Florida.

University of South Florida, Assistant Professor, Ruiliang Pu. PhD, 2000, Chinese Academy of Sciences/University of California at Berkeley.

Key: *New institution, position, name. Degree, year degree granted, granting institution.*



Sixteen students from Norman High School in Norman, Oklahoma gave poster presentations at the recent meeting of the AAG's Southwestern Division in Norman on October 27, 2006. The students (pictured) are in an Advanced Placement High School Geography class taught by Gary Gress (back row on right), also an adjunct geography faculty member at the University of Oklahoma (UO) and coordinator of the Oklahoma Alliance for Geographic Education.

The UO Association of Geography Graduate Students evaluated the student posters giving the outstanding poster award to David Westrop, with Mahfuz Kabir receiving second place and Tessa Breder third place.

Jerry E. Mueller, emeritus professor of geography at New Mexico State University, was inducted into the John Russell Bartlett Society at Brown University on September 28, 2006. Mueller became an honorary life member in recognition of his research on John Russell Bartlett, a one-time commissioner on the United States-Mexican Boundary Survey. Mueller's edited book *Autobiography of John Russell Bartlett (1805-1886)* was released in September.

John A. Kelmelis, a PhD graduate of the Department of Geography in the College of Earth and Mineral Sciences at Pennsylvania State University was named recipient of the 2006 GEMS (Graduates of Earth and Mineral Sciences) Alumni Achievement Award on September 16, 2006. This award recognizes outstanding achievement by their graduates. These prominent alumni are invited to return to campus to share their expertise with students, faculty, and administrators. Kelmelis currently serves as both Chief Scientist for Geography at the U.S. Geological Survey (USGS) and Senior Counselor for Earth Science at the U.S. Department of State.



Kelmelis

Two faculty members of the Department of Geography at the University of Kentucky recently received the top university awards. **Anna Secor** received the Provost's Award for Teaching in 2005. The award recognizes qualities of dedication, imagination, creativity, inspiration, and concern for students from individuals who demonstrate high aspirations and superior contributions to teaching. Also, **Sue Roberts** won the William B. Sturgill Award for Excellence in Graduate Education which is presented annually to a faculty member for outstanding contributions to graduate education at the University of Kentucky.

Dawn Wright of Oregon State University is one of six co-PIs on a \$2.3 million grant from the National Science Foundation to continue the Marine Metadata Interoperability (MMI) initiative (www.marinemetadata.org). The initiative provides the community infra-

structure and software tools needed by marine metadata specialists, ocean scientists, and policy decision makers to achieve interoperable oceanographic data systems and data sets. The MMI will be educating marine scientists about the direct benefits and tools available to them for improved collection and organization of metadata, and collaborating on the creation of reference metadata ontologies and software implementations.



Wright

Marianna Pavlovskaya of Hunter College received a Social Science Research Council (SSRC) Eurasia Teaching fellowship for "After the Future: Geography of Post-Socialist Russia, Central Asia, and the Caucasus." The \$9,000 fellowship will support research for the original and innovative undergraduate and graduate courses focused on this region.

Ohio University Associate Professor **Yeong Hyun Kim** received the College of Arts & Sciences' Distinguished Teacher Award for 2006.

William D. Romey, emeritus professor of geography at St. Lawrence University, received the Neil Miner Award from the National Association of Geoscience Teachers. The award, the highest given by the association, was conferred at the Annual Meeting of the Geological Society of America in Philadelphia, on October 22, 2006, "for exceptional contributions to the stimulation of interest in the earth sciences." Romey and Alexander R. McBirney, emeritus professor of geology at the University of Oregon, recently created a website to make the public aware of self-published books by geoscientists: www.libri-terrarium.com.



Romey

Iain Hay (PhD, 1989, University of Washington) received a 2006 Teaching Citation for Outstanding Contributions to Student Learning from Australia's Carrick Institute for Learning and Teaching in Higher Education

"for sustained leadership and scholarship dedicated to improving the quality of geography learning and teaching within Australia and internationally."

Glen MacDonald, professor of geography at UCLA, received a National Science Foundation grant of \$626,610 in support of a collaborative research project entitled "Identifying Hydroclimatic Regimes of Carbon Stability in Northern Peatlands: Holocene Data Analysis and Process-Based Modeling." Collaborators on the project include **Steve Frolking** (University of New Hampshire) and **Zicheng Yu** (Lehigh University). **Nigel Roulet** of McGill University in Canada is also participating in the research. The project will integrate field data, paleoenvironmental data, and quantitative models to assess the impact of past and future climate changes on the hydrology, carbon storage, and carbon dioxide and methane release of northern peatlands.

Matthew Farish, assistant professor of geography at the University of Toronto, is one of two investigators on a three-year, Can\$76,000 grant from the Social Sciences and Humanities Research Council of Canada for "The Distant Early Warning Line: A Spatial History." The project aims to provide a detailed history, drawn together from diverse sources, of the highly symbolic radar line built by the United States across the North American Arctic in the 1950s, and to situate the line within the broader cultural, environmental, and political geographies of the Cold War.

Sarah J. Halvorson, associate professor of geography at the University of Montana, Missoula, received a grant from the U.S. Department of Education's International Research and Studies Materials Grant Program for \$360,000. The three-year project "New Travels on Old Roads: Undergraduate Teaching Materials on the Geography of Central Asia and the Caucasus" aims to develop a curriculum package consisting of an undergraduate textbook, instructor's guide, and CD-ROM of supplemental materials that will enhance teaching and learning about the regional geographies of the vitally important regions of Central Asia and the Caucasus. ■

Asian SG

See A.K. Chakravarti Best Student Paper on South Asia under Regional Development and Planning SG.

Bible Geography SG

The Bible Geography Specialty Group (BGS) recently published the book *Geography of the Holy Land: Perspectives* based on papers presented at the annual meetings of the AAG in the past twenty-five years. The publication of this book has had positive national and international impacts and numerous geography-enhancing professional ramifications.

Even prior to the book's publication, the idea of the book generated interviews with BGS members in articles in the *Philadelphia Inquirer*, *Kansas City Star*, *The Intermountain Jewish News*, and the *Birmingham Times*, and also prompted requests for BGS members to make presentations at professional meetings, and serve as pre-publication book reviewers and atlas consultants.

The book's distribution to AAG and NCGE members, newspaper editors, book and atlas publishers, private foundations, and libraries, has not only stimulated interest in the BGS and helped bond the group's membership into a cohesive body, but also created professional opportunities for BGS members and advanced the study of Bible geography. Responses to the book have included the endowment of a geography of the Bible program at the University of Northern Iowa; plans to establish a scholarship(s) for students studying geography of the Bible; requests for a second edition of the book; development of a project in Israel that will create a new "Comprehensive Historical Atlas of Jerusalem," a Web module, a CD entitled "Jerusalem: Mapping the Holy City," and a traveling exhibit for schools and museums entitled "Jerusalem: The Holy City as Seen Through the Eyes of Pilgrims, Civil Administrators, and Map Makers"; employment opportunities to teach geography of the Bible and the Bible as literature in private colleges and public institutions; an invitation from the National Council for Geographic Education to present all-day content sessions at their annual meetings;

the opportunity to review grant and contract proposals; and growing numbers of AAG members presenting in and attending BGS sessions.

Biogeography SG

The Biogeography Specialty Group (BSG) announces the 2007 award competitions for best paper presentations, student research grants, publication of the year, and career award. Application forms are available on the BSG website (<http://people.cas.sc.edu/kupfer/bsg.html>) or by contacting Joy Nystrom Mast at jmast@carthage.edu.

The BSG sponsors three **best presentation awards**. One award each will be given to the best undergraduate or master's student paper (\$200) and to the best PhD student paper (\$200). The third award will go to the best poster (\$100). The student must be either the sole author or the primary author of the paper, and must be the presenter at the AAG 2007 meeting. In addition to an application form, send a copy of your abstract to Jim Speer at jspeer3@indstate.edu by **January 31, 2007**.

The **BSG Graduate Student Research Grant Competition** provides partial support for graduate students to conduct quality biogeographic research projects for their master's thesis or doctoral dissertation. Proposals are judged on: 1) scientific merit of the project, including biogeographic significance of the research question and quality of the methodology; 2) organization and clarity of the proposal; and 3) qualifications of the student to conduct the proposed work. Each applicant must be a student member of the AAG, and the proposed project should be part of her/his thesis or dissertation research. Awards are made to one master's for \$500 and one doctoral student for \$1,000 each year. Applications must be postmarked or electronically transmitted (preferred) to Charles Lafon at clafon@geog.tamu.edu by **January 16, 2007**.

The **Cowles Award** honors Henry Cowles, who published the first paper to appear in the *Annals of the AAG* "The Causes of Vegetation Cycles" (1911). The award is given annually in recognition of the best biogeographical publication of the year (in

this case, for 2006), honoring either books or papers. To submit a nomination for the Cowles Award, please send the name of the person and the name of their paper/book.

The **Parsons Award**, named in honor of long-time University of California-Berkeley professor James J. Parsons, recognizes outstanding lifetime achievements in the field of biogeography. Candidates will be assessed based on: distinguished research career, remarkable dedication to the development of undergraduate and graduate students in biogeography, and outstanding service to the discipline. Nominations for the Parsons Award should include a short letter of nomination stating some of the candidate's most significant achievements. Submit nominations to Catherine Yansa at yansa@msu.edu by **January 31, 2007**.

Geomorphology SG

The Awards Committee of the Geomorphology Specialty Group (GSG) will honor outstanding geomorphologists at the 2007 AAG meeting. Members are invited to submit award nominations and applications to the committee. The deadline for nominations is **February 1, 2007**.

The **Grove Karl Gilbert Award** is presented to the author(s) of a significant contribution to the published research literature in geomorphology during the past three years. Only books, refereed journal articles, or monographs will be considered, with an emphasis on refereed research articles.

The **Melvin G. Marcus Distinguished Career Award** is presented to an individual who has made significant contributions to geomorphology over his/her career.

The **Reds Wolman Graduate Student Research Awards** are made to help cover the costs of data acquisition, fieldwork, and laboratory analysis required to complete thesis or dissertation research. An award is given for master's level students and for doctoral students. Students must be members of the AAG and the GSG. Visit the GSG website at www.aag-gsg.org/awards.shtml for further details. Contact Michael Craghan about nominations. Letters of support or recommendation should accompany nominations and pro-

posals so don't wait until the last minute to apply.

Regional Development and Planning SG

Nominations are invited for 2006 Regional Development and Planning Specialty Group (RDPSG) Awards. These include: the **Best Graduate Student Paper Award**, and the **A.K. Chakravarti Best Student Paper on South Asia** (jointly sponsored with the Asian Specialty Group).

Student's papers must deal with regional development and planning, as well as be scheduled for presentation at the 2007 AAG Annual Meeting. Manuscripts must be no more than twenty-five double-spaced, typed pages, including maps and other graphics.

Manuscripts must be forwarded by the head or chair of the department, certifying that the student meets the contest eligibility requirements. Deadline for final paper submission is **February 15, 2007**. The abstract must be submitted to the AAG conference.

All submissions should be sent to: John Benhart, Jr., Honors Committee Chair, Dept. of Geography & Regional Planning, Leonard Hall 9, Indiana University of Pennsylvania, Indiana, PA 15705. Phone: (724) 357-2250. Email: john.benhardt@iup.edu.

Remote Sensing SG

The Awards Committee of the Remote Sensing Specialty Group (RSSG) requests

nominations from its members for the 2007 **Outstanding Contributions Award in Remote Sensing**. The award recognizes individuals who have made outstanding contributions to the field of remote sensing and to the geographic community through their remote sensing research, teaching, and/or outreach. The recipient(s) will receive a cast medal designed by the RSSG and inscribed as "Outstanding Contributions" in Remote Sensing.

Nominations should be sent to: Timothy Warner, Chairperson RSSG Awards Committee, Department of Geology and Geography, West Virginia University, Morgantown, WV 26506-6300. Phone: (304) 293-5603 x 4328 or fax (304) 293-6522. Email: tim.warner@mail.wvu.edu.

Nominations (preferably emailed) should include a letter that includes the name, affiliation, and contact information of the nominee, and describes his/her outstanding contributions in remote sensing research, teaching, and/or outreach. A professional vita of the nominee should also be included. Nominations will be accepted through **January 10, 2007** and can be made only by a member of the RSSG. Nominees may come from the broader remote sensing community.

Sexuality and Space SG

The Sexuality and Space Specialty Group (SSSG) announces the 2007 **Sexuality and Space Student Paper Competition**. Any student currently enrolled in an

undergraduate, master's, or doctoral degree program in geography or a related discipline, in any location, may submit a paper. Students do not need to present at the 2007 AAG meeting to be eligible.

The SSSG seeks excellent quality student papers that advance the study of sexuality and space. Papers should be no more than 3,500 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 and should be in English.

Electronic submissions is preferred. Please email Farhang Rouhani (frouhani@umw.edu) with the paper attached as a PDF or standard word processing file. If electronic submission is not possible, please send three paper copies (double-sided copies are fine) to Farhang Rouhani (Department of Geography, University of Mary Washington, 1301 College Avenue, Fredericksburg, VA 22401, USA), or Robert Vanderbeck (School of Geography, University of Leeds, Leeds LS2 9JT, UK). Be sure to include your name, postal address, telephone, and email address on the front cover of your paper.

Papers must be received by **March 1, 2007**. Winners will be notified prior to the 2007 AAG Annual Meeting and will be honored at the AAG Awards Luncheon. ■

MOVING? HAVE YOU RECENTLY MOVED?

To update your address or contact info, visit the AAG website (www.aag.org) or fax this entire page to 202-234-2744 or mail to the AAG Office.

Name _____

Affiliation _____

Address _____

_____ Home Office

City _____ State _____ Zip _____

Telephone _____ Fax _____ Email _____

- Atkinson, Rowland and Sarah Blandy, eds. *Gated Communities*. London and New York: Routledge, 2006. 169 and 16 pp., n.p., ISBN 0-415-37315-8.
- Bauman, John F., and Edward K. Muller. *Before Renaissance: Planning in Pittsburgh, 1889-1943*. Pittsburgh: University of Pittsburgh Press, 2006. 331 and 8 pp., \$27.95, ISBN 0-8229-5930-5.
- Cërabregu, Muharem. *Geographical Origin of Language: The End of Place Name Mystery*. Pittsburgh, PA: Dorrance Publishing Co. Inc., 2006. 229 pp., \$15.00, ISBN 0-8059-7124-6 (978-0-8059-7124-8).
- Clarke, Colin. *Decolonizing the Colonial City: Urbanization and Stratification in Kingston, Jamaica*. Oxford and New York: Oxford University Press, 2006. 298 and 25 pp., £85.00, ISBN 0-19-926981-5 (978-0-19-926981-5).
- Conway, Dennis and Nik Heynen, eds. *Globalization's Contradictions: Geographies of Discipline, Destruction and Transformation*. London and New York: Routledge, 2006. 287 and 14 pp., n.p., ISBN 0-415-77062-9.
- Corey, Kenneth E. and Mark I. Wilson. *Urban and Regional Technology Planning: Planning Practice in the Global Knowledge Economy*. London and New York: Routledge, 2006. 268 and 14 pp., n.p., ISBN 0-415-70141-4.
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- Cutter, Susan L. *Hazards, Vulnerability and Environmental Justice*. London and Sterling, VA: Earthscan, 2006. 418 and 28 pp., n.p., ISBN 1-84407-311-4.
- Edelson, S. Max. *Plantation Enterprise in Colonial South Carolina*. Cambridge, MA: Harvard University Press, 2006. 383 and 13 pp., \$45.00, ISBN 0-674-02303-X.
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- Hayes, Derek, compiler. *Historical Atlas of the United States*. Berkeley, CA: University of California Press, 2007. 280 pp., \$39.95, ISBN 0-520-25036-2.
- Huchzermeyer, Marie. *Unlawful Occupation: Informal Settlements and Urban Policy in South Africa and Brazil*. Trenton, NJ: Africa World Press, Inc., 2004. 274 and 13 pp., n.p., ISBN 1-59221-211-5.
- Ioffe, Gregory, Tatyana Nefedova, and Ilya Zaslavsky. *The End of Peasantry? The Disintegration of Rural Russia*. Pittsburgh: University of Pittsburgh Press, 2006. 258 and 11 pp., \$27.95, ISBN 0-8229-5941-0.
- Johnson, Douglas L., and Laurence A. Lewis. *Land Degradation: Creation and Destruction*. Lanham, MD: Rowman & Littlefield, 2nd rev. ed., 2007. \$39.95, ISBN 0-7425-1948-1.
- Kennedy, Michael. *Introducing Geographic Information Systems with ArcGis®*. Hoboken, NJ: Wiley & Sons, Inc., 2006. 588 and 35 pp., n.p., ISBN 0-471-79229-2.
- Kirby, Jack T. *Mockingbird Song: Ecological Landscapes of the South*. Chapel Hill, NC: University of North Carolina Press, 2006. 361 and 20 pp., \$29.95, ISBN 0-8078-3057-7.
- Moran, Emilio F. *People and Nature: An Introduction to Human Ecological Relations*. Malden, MA: Blackwell, 2006. 218 and 14 pp., n.p., ISBN 1-4051-0572-0.
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- Paymuk, Ayse. *Mapping Global Cities: GIS Methods in Urban Analysis*. Redlands, CA: ESRI Press, 2006. 182 and 199 pp., \$49.95, ISBN 1-58948-143-7.
- Poucher, Sandra and Rick Copeland, compilers. *Speleological and Karst Glossary of Florida and the Caribbean*. Gainesville, FL: University Press of Florida, 2006. 196 and 12 pp., \$34.95, ISBN 0-8130-3006-4.
- Pugh, Jonathan, and Janet Henshall Momsen. *Environmental Planning in the Caribbean*. Burlington, VT: Ashgate, 2006. 207 and 12 pp., \$99.95, ISBN 0-7546-4391-3.
- Sassen, Saskia. *Territory, Authority, Rights: From Medieval to Global Assemblages*. Princeton, NJ: Princeton University Press, 2006. 493 and 14 pp., \$35.00, ISBN 0-691-09538-8.
- Sitwell, Oswald F.G. *Between the Gods and the Earth: A Reassessment of the Human Situation*. Edmonton, Canada: Farthing Press, 2006. 391 and 10 pp., \$23.50, ISBN 0-9780194-0-7.
- Zimmerer, Karl S., ed. *Globalization & New Geographies of Conservation*. Chicago and London: University of Chicago Press, 2006. 357 and 10 pp., \$35.00, ISBN 0-226-98344-7.

Two faculty members of the Department of Geography at the University of Kentucky recently received top university honors. The University of Kentucky Board of Trustees awarded **Jonathan Phillips** a University Research Professorship (one of four campus-wide) in recognition of his outstanding research achievements and **Thomas Leinbach** was named the 2006-07 College of Arts and Sciences Distinguished Professor, an honor bestowed on one faculty member annually on the basis of outstanding research, unusually effective teaching, and distinguished professional service.

Professor **James K. Lein** of Ohio University was interviewed on the public

radio program *Earth and Sky* on October 1, 2006, with regard to his research on the use of satellite imagery data to track terrorist threats and identify areas vulnerable to terrorist attacks.

Jeff Ueland, assistant professor in the Department of Geography at Ohio University, was quoted in a June 25, 2006 article in the *Tallahassee Democrat* on the possible effects of predicted sea level rise in coastal areas of Florida.

The work of **William Woods** (University of Kansas) was cited in a recent feature article in *Nature* by Emma Marris, "Black is the New Green" (August 10, 2006) that discusses the implications to tropical soil

fertility and carbon sequestration of the ancient *terra preta* soils and associated biochar experiments.

Three geographers formed the scientific and cultural geographical advisory committee for the recent book *Home Ground: Language for an American Landscape*: **Will Graf** (University of South Carolina), **Kevin Blake** (Kansas State University), and **Kathy Parker** (University of Georgia). Graf and Blake are contributing editors and Parker is an advisory editor. Graf has organized a session for the 2007 AAG meeting to celebrate and interpret the project's effort to bridge scientific and cultural approaches to landscapes. ■

Necrology

Benjamin Moulton

Benjamin Moulton, longtime chair of the Department of Geography and Geology at Indiana State University died September 30, 2006 at age eighty-nine in Terre Haute, Indiana.

Moulton graduated from Clark University in 1939, earned a master's from Butler University in 1941 and a second master's from Indiana University in 1945. He received a PhD from Indiana University in 1950. Before joining the faculty at Indiana State University in 1961, he taught at Butler University, University of Florida, Florida State University, Western Reserve University, Flint Community College, and Eastern Michigan University. He served as professor and chairman of the Depart-

ment of Geography and Geology from 1964 to 1983. He founded the master's programs in geography and geology and the PhD program in geography at Indiana State University. The graduate programs were founded with a focus on satellite remote sensing and computer spatial analysis and set the new graduate program apart from others. When he retired in 1983, thirty-five graduate students were in residence.

Moulton published seventeen articles, reviewed more than forty books, taught graduate courses in geography at six colleges and universities, directed twelve field courses to Alaska and the northwestern United States, led annual field trips throughout Indiana, served on more than

twenty-five Indiana State University committees, and directed in-service institutes for teachers of earth science. He worked with and served as a judge for science fairs in Michigan and Indiana. He was honored by the National Council for Geographic Education for his outstanding contributions to undergraduate and graduate education in geography and for his excellence in mentoring students. Upon his retirement, the Benjamin Moulton Award was established at Indiana State University for students demonstrating excellence in graduate academic prowess. Moulton remained an active participant in departmental functions throughout his emeritus years. ■

AAG Specialty and Affinity Group news and discussion forums are a great way to share news about available grants, news, and special queries.

Listserves are available to all AAG members.

Visit www.aag.org/faq.htm for more information.

Jobs in Geography

UNITED STATES

ALABAMA, BIRMINGHAM 35229 The Department of Geography at Samford University invites applications for a full-time tenure-track **Assistant Professor in Physical Geography** starting August 2007. We welcome applications from broadly-trained candidates to contribute to a small, but growing program. Applicants must have a Ph.D. in Geography in hand at time of appointment. A strong commitment to undergraduate teaching and learning is essential, and an ability to use and integrate GIS and related technologies into the classroom is expected. Areas of teaching and research interest may include any subfield of physical geography. Teaching responsibilities will include general education courses in physical geography, remote sensing, and a willingness to develop and teach upper-level courses in physical geography. A regional specialization in either Latin America or Africa is an added asset. Other expectations include an active professional research agenda, willingness to collaborate with others within and outside the department and an interest in mentoring undergraduate research. Candidates should be willing to contribute to and promote the school's mission as a Christian university. Samford University is the largest privately-supported and fully-accredited institution of higher education in Alabama. Located in suburban Birmingham, the university was founded in 1841 and has 336 full-time faculty and more than 4,400 students. Send letter of application discussing teaching and research interests, curriculum vitae, evidence of teaching effectiveness, and the contact information for three references to the address below. NOV 06-309.

Apply: Eric J. Fournier, Chair, Department of Geography, Samford University, 800 Lakeshore Drive, Birmingham, Alabama 35229. E-mail: ejfourni@samford.edu. The search committee will begin reviewing applications on December 1 and will continue until the position is filled.

Samford is an Equal Opportunity Institution and welcomes application for employment and educational programs from all individuals regardless of race, color, sex, disability, or national or ethnic origin.

ALABAMA, MOBILE 36688. The University of South Alabama Department of Earth Sciences (Geology, Geography and Meteorology) invites applications for a tenure track **Assistant Professor position in Physical Geography**. The successful candidate must have a Ph.D. in Geography. Excellence in undergraduate teaching and an active Physical Geography research agenda are expected. Skills in GIS and Remote Sensing are advantageous. While teaching other courses, the candidate will

assume responsibility for two potentially large introductory classes in Physical Geography (Atmospheric Processes and Landscape Processes). The position begins August 15, 2007. Send a copy of your curriculum vita, transcripts, and three letters of reference to the address below. NOV 06-256.

Apply: Dr. Roy Ryder, Earth Sciences Department, LSCB 136, University of South Alabama, Mobile, AL 36688. Review of applications will begin immediately and continue until the position is filled. AA/EEO/M/F/D.

***ARIZONA, TEMPE 85287.** Arizona State University is leading the transformation of American higher education by establishing itself as the model for the New American University.

ASU is building a comprehensive public research university that is an unparalleled combination of academic excellence and commitment to its social, economic and environmental setting. We are dedicated to the creation of new knowledge and to its application in a broader social context.

Our University is inclusive, rather than exclusive, and offers access to as broad a segment of the populace as possible. Research at ASU focuses on use-inspired innovation and societal relevance.

ASU proudly champions diversity, and is an active partner in initiatives to enhance the social well-being, economic competitiveness and cultural depth of the region.

The College of Liberal Arts and Sciences (CLAS) is ASU's largest and most diverse college, with 30 schools, departments and programs plus 22 research centers and institutes. It offers more than 100 undergraduate and graduate degrees in the humanities, social sciences, and natural sciences and mathematics. These disciplines form the foundation of a liberal education, which prepares students to live responsible, productive and creative lives no matter what their occupation.

School of Geographical Sciences: Director.

ASU seeks an accomplished, visionary Director for its new School of Geographical Sciences. The successful candidate must possess an earned doctorate in Geography or a closely related discipline, evidence of national and international recognition in his or her field, evidence of strong previous administrative leadership, and an established record of academic and professional achievement appropriate to the rank of Professor. Evidence of an active, extramurally funded research program or leadership in directing funded research in areas

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

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

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

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

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

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

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

* Indicates a new listing

related to GIS, Climate and Environmental Change, Complex Land Use Systems, or the Social and Cultural Dynamics of Space and Place is required. An outstanding teaching record, excellent communication and organizational skills, and previous involvement with community-based research initiatives are highly desired.

The successful candidate is expected to lead the School in transdisciplinary initiatives closely allied to Geography, provide visionary and entrepreneurial leadership for the integration of physical, human, and geotechnological perspectives within the School; oversee growth in the faculty and research programs; participate in graduate and undergraduate education; supervise the further development of the graduate and undergraduate programs; establish strong ties between the School and other University or community-based research and education initiatives; and maintain a productive independent or collaborative research program. The personal research focus of the candidate is open, yet a candidate is encouraged to demonstrate how their research profile will add synergies to School and/or interdisciplinary and transdisciplinary activities at ASU and within the four general themes above.

The position is available beginning July 1, 2007. Salary and start-up will be competitive and commensurate with qualifications. Applicants must submit a cover letter, current Curriculum Vitae and the names and addresses of three references. Applications and nominations will be accepted via mail or email (in MS Word or PDF format) and will be reviewed every two weeks from 11/30/06 until the search is closed. Interested parties are encouraged to submit their applications by 11/30/06 to assure optimal consideration. ASU requires a background check prior to official hire. Please submit your application to the address below. DEC 06-334.

Apply: Arizona State University, College of Liberal Arts and Sciences, PO Box 876505, Tempe, AZ 85287-6505 or electronically to Roxana.Martin@asu.edu ASU is an equal opportunity/affirmative action employer.

The School of Geographical Sciences website is: <http://geography.asu.edu/>.

***ARIZONA, TUCSON 85721. Two Faculty Positions in Retailing and Consumer Sciences (RCSC).** The University of Arizona. Available Fall 2007.

Position: **Assistant Professor**, 9-month tenure track (60% teaching and 40% research).

Minimum qualifications: Strong scholarly interest in the retailing discipline. Ph.D. required in a managerial or social science field closely related to the retailing discipline. Potential for, or proven success in research, university teaching, and graduate student advising.

Responsibilities: Effectively teach undergraduate and graduate courses. Course load is typically three courses per year. Conduct research and seek research funding in the relevant field. Publish

in leading scholarly, refereed journals in the candidates' discipline. Direct doctoral and master's student research. Provide undergraduate and graduate student advising/mentoring. Contribute to curriculum planning and other academic affairs. Provide service at Division, School, College, and university levels

Application procedure: For information, contact Search Committee Chair, Dr. Eric J. Arnould, ejal@email.arizona.edu or 520-626-9670 or 520-621-1295. To apply, please submit information requested on-line at <https://www.uacareertrack.com/applicants/jsp/shared/frameset/frameset.jsp?time=1161619262689>, Department: 0107-Sch Of Family & Consum Sci-Ins, Job Number: 36352. Three letters of recommendation may be sent directly to the address below. DEC 06-347.

Apply: Eric J. Arnould, PETSMAST Distinguished Professor, Chair, Search and Screening Committee, Division of Retailing and Consumer Sciences, P.O. Box 210033, The University of Arizona, Tucson, AZ 85721-0033.

Review of application materials will begin December 15th, 2006 and will continue until the position is filled.

As an equal opportunity and affirmative action employer, The University of Arizona recognizes the power of a diverse community and encourages applications from individuals with varied experiences, perspectives and backgrounds M/W/D/V.

***ARKANSAS, CONWAY 72035.** The University of Central Arkansas, Department of Geography invites applications for an **Assistant Professor**, tenure-track position in **Human Geography and GIS**, beginning August 2007. The candidate must have completed a doctoral program in geography by the time of appointment. The successful candidate will be a broadly trained human geographer who will teach, on a rotating basis, Economic, Urban, and Political Geography. Secondly, the successful candidate will teach at least one online, graduate-level, GIS course each semester as part of a GIS Certificate Program and a Master of GIS Degree. Other teaching assignments may include Principles of Geography or Geography of World Regions, General Education electives. The Department of Geography is interested in an enthusiastic individual who connects with students, is engaged in scholarly research and publication, has the ability to promote the geography program across campus, works well with community leaders, and can contribute to an existing GIS program. Salary is competitive. Candidates should submit letter of application, curriculum vita, and the names of three references by January 12, 2007. DEC 06-348.

Apply: Dr. Brooks Green, Chair, Department of Geography, University of Central Arkansas, 301 Irby Hall, 201 Donaghey Avenue, Conway, Arkansas, 72035, or e-mail: brooksg@uca.edu. Founded in 1907, the University of Central Arkansas is an accredited state-supported institu-

tion that awards the bachelor's, master's, specialist's and PhD degrees. The university has an enrollment of over 12,000 students and a faculty of more than 400. Conway, a community of over 50,000, has three colleges and universities, and is located thirty miles northwest of Little Rock, the state capital. UCA is an Equal Opportunity/Affirmative Action employer. The Web site is www.uca.edu.

***CALIFORNIA, BERKELEY.** The University of California, Berkeley invites applications for the 2007-2008 S.V. Ciriacy-Wantrup **Postdoctoral Fellowships in Natural Resource Economics and Political Economy**.

The S.V. Ciriacy-Wantrup Postdoctoral Fellowships in Natural Resource Economics and Political Economy will be awarded for the 2007-2008 academic year to support advanced research at the University of California, Berkeley. For the purposes of this fellowship, natural resources are defined broadly to include environmental resources. The fellowship encourages, but is not limited to, policy-oriented research. Applications are open to scholars from any social science discipline, and related professional fields such as law and planning, who will make significant contributions to research on natural resource economics broadly defined. Preference will be given to proposals whose orientation is broadly institutional and/or historical, and which are conceptually and theoretically innovative. Proposals with a primarily statistical or econometric purpose are not eligible for consideration.

Two types of awards are available:

A one-year postdoctoral award with a salary of \$51,480, renewable for a second year. It is expected that the applicant will possess a doctorate or equivalent conferred within the past five years.

A one-year award with a salary of \$51,480 to support a professional or sabbatical leave from an academic or professional position, without option to renew. Applicants for visiting scholar fellowships must have received their doctorate or equivalent within the last ten years. Awardees will be expected to provide documentation of the home institution or agency's concurrence of their leave.

Both types of fellowships include \$2,000 toward research-related expenses and one-way economy airfare to Berkeley for each fellow and his/her immediate family.

Applications must be received by Monday, December 11th, 2006 (note: this is one month earlier than in previous years)

Results will be announced in March 2007.

For more information, please visit: <http://research.chance.berkeley.edu/ciriacy/>

Questions may be directed to Laurie Goldman by e-mail at lauriesg@berkeley.edu or by phone at (510) 642-7540.

DEC 06-380-1.

***CALIFORNIA, DAVIS.** Position in **Agricultural Sustainability and Society**

The Community Studies and Development Unit, Department of Human and Community Development, University of California, Davis, announces an opening for an academic year (9 month), tenure-track position at the **Assistant Professor** level to teach and conduct research on agricultural sustainability and community development. Fiscal term employment (i.e., 11 month) will be offered and continued based on academic personnel review. Candidates should have a Doctorate or equivalent in anthropology, geography, planning, political science, rural sociology, or sociology, and a record of research in the social science of agricultural sustainability. Appointment is expected before July 1, 2007.

Applicants should begin the application process by registering online at <http://hcd.recruitments.ucdavis.edu>. Review of the applications will begin January 01, 2007. The position will remain open until filled. Inquiries about this position should be addressed to the Chair of the Search Committee, Stephen Brush (sbrush@ucdavis.edu). For technical or administrative questions regarding the application process please email the Search Committee Coordinator, Jeri L. Sorensen (jlsorensen@ucdavis.edu).

The University of California is an Affirmative Action/Equal Opportunity Employer.
DEC 06-378.

CALIFORNIA, FRESNO 93740-8034 California State University Fresno seeks applicants for an **Assistant Professor (Tenure Track) in Urban Planning** to begin in August, 2007. An earned doctorate in Urban Planning, Geography, or related disciplines is required for appointment for a tenure track position. A.B.D. nearing completion considered. Candidates specializing in one or more of the following areas in planning are preferred: physical, landuse, transportation, environmental, community, policy, and long range. The successful candidate will primarily teach undergraduate courses in urban planning, human geography, and related subjects. Other course assignments may include GIS, remote sensing, and geographic techniques. The successful candidate is expected to co-manage a state-of-the-art urban planning laboratory at the department, teach and conduct research in that facility, liaison with local community and development groups, and to actively engage in extramural planning-related projects.

Send application forms (www.csufresno.edu/aps/vacancy/sc1.pdf), application letter, CV, three recommendation letters (direct from referees), and other support materials to the address below. NOV 06-308.

Apply: Dr. Michelle Calvarese, Search Committee Chair, Department of Geography, California State University, Fresno, CA 93740-8034. Phone: 559-278-2797. Fax: 559-278-7268. Email: mcalvare@csufresno.edu. For full consideration applications must be received by December 31, 2006. Women, minorities, and disabled persons are encouraged to apply. AA/EEO.

***CALIFORNIA, LOS ANGELES 90089.** The University of Southern California seeks to appoint a **faculty member (open rank) in climatology** whose research focuses on global climate change, and who will foster collaborations between the environmental science and social science fields. Subfields of expertise may include dynamic or synoptic climatology, surface-atmospheric interactions, hydroclimatology, paleoclimatology, and climate modeling and statistical analysis. Specialization in climate dynamics and familiarity with GCM simulations is particularly desirable, as is an interest in the societal and public policy implications of climate science.

This individual will hold a joint appointment in the Department of Earth Sciences and another department in the College of Letters, Arts, and Sciences (depending on specific expertise). The position will involve teaching responsibilities in both academic units, as well as involvement in a multidisciplinary undergraduate Environmental Studies program. The University of Southern California supports supercomputing through the Center for High-Performance Computing and Communications (HPCC), which is among the nation's top research computing centers. USC also maintains a state-of-the-art geographic information science research and teaching laboratories and the Wrigley Marine Science Center on Catalina Island.

Review of applications will begin in January 2007 and continue until the position is filled. The appointment could begin as early as August 16, 2007. Applications should include curriculum vitae, statement of research interests, statement of teaching experience and interests, and the names, addresses, and e-mail addresses of at least three referees.

Applications should be submitted to the address below. DEC 06-355.

Apply: Dr. Lowell D. Stott, Chair, Search Committee, c/o Dana Coyle, Department of Earth Sciences, University of Southern California, Los Angeles, CA, 90089-0740.

USC is an affirmative action/equal opportunity employer.

***CALIFORNIA, SAN DIEGO 92182-4493.** San Diego State University seeks applicants for a tenure-track **Assistant Professor** position, contingent on funding, to begin in August, 2007. Ph.D. strongly recommended at time of appointment. Expertise in **Physical Geography** or related disciplines with an emphasis in **watershed science** such as fluvial geomorphology, ecohydrology, water quality, and hazards. Demonstrated excellence in teaching and scholarship, and commitment to funded research required. Departmental information can be found at <http://geography.sdsu.edu>. Send letter of application describing research agenda and teaching interests, curriculum vitae, and names and addresses of three referees. Applicants should show a commitment to working in a multi-cultural environment with students from diverse backgrounds.

SDSU is a Title IX, equal opportunity employer and does not discriminate against individuals on the basis of race, religion, national origin, sexual orientation, gender, marital status, age, disability or veteran status, including veterans of the Vietnam era.

Review of applications will begin January 12, 2007 and will continue until the position is filled. Applications should be sent to the address below. DEC 06-367.

Apply: Dr. Allen Hope, Chair, Hiring Committee, Department of Geography, San Diego State University, San Diego, CA 92182-4493. e-mail: hope1@mail.sdsu.edu.

COLORADO, BOULDER. University of Colorado, Boulder.

The Institute of Behavioral Science (IBS) at the University of Colorado at Boulder invites applications for a tenure-track assistant professor position in population studies beginning August 2007 and in collaboration with the Department of Anthropology or Geography. The position is rostered in IBS, with tenure track and teaching responsibilities in the disciplinary department.

Candidates are expected to have strong theoretical training and substantive research experience in population studies. For geography candidates, areas of expertise may include spatial demography, residential mobility, migration, fertility, health, aging, and population-environment interactions. The successful candidate in geography will be included in the teaching rotation for the introductory human geography courses. For anthropology candidates, areas may include reproductive health, family demography, population genetics, paleodemography, population-environment interactions, medical anthropology, demographic methods, health and disease, economic change and development, and diaspora and refugee populations.

A major commitment to and demonstrated excellence in research and the ability to secure external research funding are expected, as well as commitment to excellence in teaching at both the graduate and undergraduate levels. Preliminary interviews of anthropology applicants will be conducted at the AAA meeting in San Jose, Nov. 16-18. Candidates are expected to complete all requirements for the Ph.D. by August 20, 2007.

The University of Colorado at Boulder is committed to diversity and equality in education and employment. Members of underrepresented groups are especially encouraged to apply.

Review of applications will begin November 1, 2006 and continue until the position is filled. Send letter of interest, curriculum vitae, writing samples, evidence of teaching effectiveness, and arrange for three letters of recommendation to be sent to the address below. NOV 06-330.

Apply: Prof. Rick Rogers, Chair, Search Committee and Director, Population Program, Institute of Behavioral Science via e-mail: ApplyPop@colorado.edu. Further information is available at www.colorado.edu/ibs.

***COLORADO, COLORADO SPRINGS.** The Department of Geography and Environmental Studies (GES) at the University of Colorado at Colorado Springs (UCCS) invites applications for a tenure track position of **Assistant Professor in Geographic Information Science**, beginning August, 2007. Candidates must possess a strong background and track record in GIScience applications and organization. Responsibilities will be to build upon the existing GIS curriculum through development of advanced courses in areas such as spatial data models, database management and design, spatial analysis, programming (particularly for internet-based services), or visualization. Other teaching options depend on individual areas of expertise. We seek a candidate to lead initiatives to build an institutional structure for GIS across campus and bridge the link between the university and a very active regional GIS community. Candidates must maintain an active research agenda and strong commitment towards procuring external funding. A Ph.D. in geography or cognate field is required. See GES website at www.uccs.edu/~geogenvs.

GES offers a BA in geography and environmental studies and an MA in applied geography. UCCS is located at the base of Pikes Peak, is part of the 3-campus University of Colorado System, and is one of the fastest growing universities in the nation. Applicants should send a curriculum vitae, statement of research and teaching interests, explanation of GIS experience, and contact information for three references to the address below. DEC 06-335.

Apply: John Harner, GIS Search Committee Chair, Department of Geography and Environmental Studies, University of Colorado at Colorado Springs, Colorado Springs, CO 80933-7150. This position is pending funding. Final budget decisions will be determined in January, 2007. Review of applications will begin Jan. 30 and continue until position is filled. The University of Colorado at Colorado Springs is committed to diversity and equality in education and employment. Members of underrepresented groups including women and minorities are especially encouraged to apply.

COLORADO, COLORADO SPRINGS. The Department of Geography and Environmental Studies (GES) at the University of Colorado at Colorado Springs (UCCS) invites applications for a tenure-track position of Assistant Professor in **Human Geography** specializing in Regional Development, beginning August, 2007. Regional development can be broadly defined in terms of regional economic development, resource or hazards management, or a focus on racial and ethnic diversity, gender equity, migration and population dynamics, and related fields that address public policy. All candidates should have some expertise in topics of sustainability, and we welcome candidates who can contribute to geography education. Candidates must maintain an active research agenda and strong commitment towards procuring external funding. We promote an inclusive and

supportive work environment, and seek a candidate capable of interdisciplinary collaborations and applied research. Candidates must possess a Ph.D., or be near completion, in geography or cognate field. See GES website at www.uccs.edu/~geogenvs.

GES offers a BA in geography and environmental studies and an MA in applied geography. UCCS is located at the base of Pikes Peak, is part of the 3-campus University of Colorado System, and is one of the fastest growing universities in the nation. Applicants should send a curriculum vitae, statement of research and teaching interests, and contact information for three references to the address below. NOV 06-301.

Apply: John Harner, Search Committee Chair, Department of Geography and Environmental Studies, University of Colorado at Colorado Springs, Colorado Springs, CO 80933-7150. Review of applications will begin Nov. 30 and continue until position is filled. The University of Colorado at Colorado Springs is committed to diversity and equality in education and employment. Members of underrepresented groups including women and minorities are especially encouraged to apply.

***COLORADO, DENVER 80217-3364.** University of Colorado at Denver and Health Sciences Center. Tenure-track **Assistant or Associate Professor** of Geography, beginning August, 2007. Ph.D. required at time of appointment. Research and teaching interests in the **Geography of Health/Environmental Health** with an explicit focus on **Geo-Spatial Technologies** (GIS, remote sensing, and/or spatial statistics). Commitment to excellence in both research and teaching is expected; teaching load is two courses per semester including introductory courses in addition to upper division and graduate courses in the specialization. The Department of Geography and Environmental Sciences (www.cudenver.edu/clas/ges) seeks to add significantly to the program's existing strengths in environmental studies and GIS, and to expand linkages to health sciences research on campus. Geography faculty have full access to a multidisciplinary computer laboratory with state-of-the-art GIScience technology for teaching and research.

Applicants should send a letter describing teaching and research interests, a current curriculum vitae, and three letters of recommendation to the address below. DEC 06-320.

Apply: Search Committee Chair, Department of Geography and Environmental Sciences, University of Colorado at Denver and Health Sciences Center, Downtown Denver Campus, PO Box 173364, Campus Box 172, Denver, CO 80217-3364 (E-mail = sue.eddleman@cudenver.edu). Application review begins November 30, 2006, and will continue until the position is filled. UCDHSC requires background investigations for employment. The University of Colorado is committed to diversity and equality in education and employment. As one of three institutions

within the University of Colorado system, UCDHSC is located in downtown Denver and seeks to meet the needs of a diverse population through its curriculum, research and community service activities.

***COLORADO, GREELEY 80639.** The Geography Program at the University of Northern Colorado invites applications for **Lecturer**, beginning Fall 2007. This is a term position with possibility of annual renewal. A doctorate in geography is required in hand by August 20, 2007. We seek candidates with expertise in any area of **human geography**. Must be able to teach introductory world geography or geography of U.S. and Canada, human geography, and advanced regional and/or specialty courses in the candidate's areas of interest. Ability to use GIS in teaching or research is desirable. Full-time load will be 4 courses per semester with additional responsibilities in scholarship and service.

Screening of applications begins December 1, 2006, and continues until position is filled. Send letter of application, vitae, transcripts, names of three referees, and evidence of successful college teaching to the address below. DEC 06-343.

Apply: Dr. Phil Klein, Chair, Search Committee, Geography, Campus Box 115, School of Social Sciences, University of Northern Colorado, Greeley, CO 80639. Voice: 970-351-2715. Fax: 970-351-2890. E-mail: phil.klein@unco.edu.

More information about the Geography Program is at <http://geography.unco.edu>. Position is contingent on funding. The University of Northern Colorado is an AA/EO employer committed to fostering diversity in its student body, faculty, and staff. Full position description is linked to the UNC Human Resources site (http://www.unco.edu/hr/Job_Opportunities_FE.htm; see Position #F99974).

***CONNECTICUT, GUILFORD.** The Globe Pequot Press is looking for a **Map Coordinator** to coordinate the creation of maps to ensure accuracy, schedules and budget. Must be able to juggle multiple projects, meet deadlines and must be proficient in mapping software. Knowledge of GPS and GIS a must! The Map Coordinator will work with authors to create map manuscript, answer questions and assist them with the process, as well as work with editors to schedule and complete accurate maps.

Globe Pequot publishes books on domestic and international travel, outdoor recreation, sports, how-to, history, fiction, health and fitness, cooking, and nature. Globe Pequot Press is the book publishing division of Morris Communications Company, LLC a privately held media organization with nationwide diversified holdings in newspaper and magazine publishing, radio, outdoor advertising, and computer services.

Please send resume with salary requirements to: jobs@globepequot.com.

DEC 06-371.

***CONNECTICUT, NEW HAVEN 06515.** Southern Connecticut State University. The Department of Geography invites applications for two **tenure track assistant/associate professor positions** to begin August 2007.

Position 1. Specialization(s): Environmental Geography and/or Geography Education with GIS proficiency in these areas; region of expertise other than Anglo America, Latin America and Russia a plus; application of remote sensing desirable. Normal teaching load is 12 credit hours per semester. Responsibilities include teaching core introductory courses, conducting interdisciplinary collaborative activities with related university programs such as environmental education, environmental studies, marine studies or the School of Education. Our GIS lab is equipped with the latest hardware/software and we are looking to incorporate geospatial technology into our growing program.

For the successful candidate a Ph.D. is required by the time of appointment. Scholarly/research activities related to environmental geography and/or GeoEd is expected as is student advising and department and university committee assignments normally expected of university faculty. The candidate must demonstrate potential for teaching excellence, mentoring and have interpersonal and communication skills to be able to work effectively with a diverse array of students and colleagues. Interviewed applicants will be required to give two presentations (one to students and one to faculty) on topic/s of one's choice.

Applicants should submit a Cover Letter, Statement of Teaching and Research Interests, Current Curriculum Vita, Unofficial Graduate Transcripts, and Three Current Letters of Recommendation to: Dr. Peter Sakalowsky, Chair, Geography Department, Morrill Hall 118 B, Southern Connecticut State University, 501 Crescent St., New Haven, CT 06515 (email: sakalowskyp1@southernct.edu).

Position 2. Specialization(s): Urban Geographer/Urban Studies; GIS applications related to urban issues. Normal teaching load is 12 credit hours per semester, including administrative activities. The program, mostly at the graduate level, offers a variety of courses that are both applied and theoretical. We are looking for an individual trained in urban geography that is also well versed in GIS applications as these relate to urban issues. Our GIS lab is equipped with the latest hardware/software and we are looking to incorporate geospatial technology into our growing program.

For the successful candidate a Ph.D. is required by the time of appointment. The candidate must demonstrate the potential for teaching excellence, mentoring and have interpersonal and communication skills to be able to work effectively with a diverse array of students and colleagues. S/He should be able to contribute to the on going development of the Urban Studies program, including working relationships with related university programs and with government and community agencies. Scholarly/research activity related to urban studies expected as is service and advising respon-

sibilities normally expected of university faculty. Interviewed applicants will be required to give two presentations (one to students and one to faculty) on topic/s of one's choice.

Applicants should submit a Cover Letter, Statement of Teaching and Research Interests, Current Curriculum Vita, Unofficial Graduate Transcripts, and Three Current Letters of Recommendation to: Dr. Leon Yacher, Search Committee Chair, Geography Department, Morrill Hall 118A, Southern Connecticut State University, 501 Crescent St., New Haven, CT 06515. (email: yacherl1@southernct.edu).

Screening of applicants for both positions will begin on January 15, 2007 and will continue until the positions have been filled.

Minorities and women are strongly encouraged to apply.

DEC 06-337.

CONNECTICUT, STORRS, 06269. University of Connecticut, Storrs. The Department of Geography invites applications for a full-time tenure-track position at the **Assistant Professor** level beginning Fall semester 2007. We seek a geographer with a broad interest in **Urban Geography** and with possible research interests in urban sustainability, environmental justice or immigration. The successful candidate will be expected to have demonstrated interests that complement and enhance existing departmental strength in Geographic Information Science. The applicant must demonstrate effective teaching, an active research program and the potential for generating external funding. A PhD in Geography or a closely allied discipline is required at the time of appointment.

The successful candidate will join a department that offers degrees at the bachelors, masters and PhD levels as well as offering a GIS Certificate Program. The department is housed in a newly renovated building with excellent high technology teaching facilities, a complete GIS laboratory and space for the state Geographic Alliance.

The University of Connecticut is in the midst of a \$2.8 billion building and renovation program to create one of the foremost physically attractive, technologically advanced, and highly ranked public research universities in the United States.

Applicants should send a letter of application that reviews and documents their qualifications, curriculum vitae, other supporting materials, and contact information for three referees. Review of applications will begin December 1, 2006 and will continue until the position is filled. NOV 06-304.

Apply to Dr. Jeffrey Osleeb, Chair, Department of Geography, 215 Glenbrook Road, Unit 4148, University of Connecticut, Storrs, CT 06269-4148

E-mail: Jeffrey.osleeb@uconn.edu.

At the University of Connecticut, our commitment to excellence is complemented by our commitment to build a culturally diverse community. We actively encourage woman, people with disabilities, and members of minority groups to apply.

***FLORIDA, MIAMI 33199.** The Department of Environmental Studies and the Department of International Relations and Geography at Florida International University seek applicants at the **Assistant Professor** level for a shared tenure track position in **human geography** with tenure eligibility in Environmental Studies, to begin in August, 2007. Applicants must have a Ph.D. in Geography or **Urban and Regional Planning** with at least one degree in geography. The successful candidate will have active teaching and research interests in urban environmental geography, and a strong scholarly record of publishing. Regional specialization is open, but interest in developing a research program in south Florida is a plus. Female and minority candidates are strongly encouraged to apply. Both recruiting departments have dynamic national and international research programs with many opportunities for collaboration. Strength in seeking external funding and a strong interest in interdisciplinary research and teaching settings are expected. Responsibilities include development of funded research, program building, and teaching courses at the undergraduate and graduate level.

Florida International University is a Carnegie Research University/High Research Activity institution that offers over 200 academic programs in 12 schools and colleges and enrolls over 38,000 students. It is a comprehensive public, urban university offering degrees at the Baccalaureate, Master's and Ph.D. levels. Please send statement of research and teaching interests, curriculum vitae, names and addresses of three references, and up to three publications or manuscripts to Dr. David B. Bray, Chair, EVR/GEO Search Committee, Department of Environmental Studies, Miami, FL 33199. Contact Dr. David B. Bray (brayd@fiu.edu) or Dr. Rod Neumann (neumannr@fiu.edu) for further information. Application deadline is January 12, 2007. The final appointment is subject to university budget approval. FIU is an EO/EA employer and institution.

DEC 06-379.

***FLORIDA, TAMPA 33620.** University of South Florida. The Department of Geography invites applications for two **full-time tenure-track positions** beginning in August 2007, subject to funding.

Position 1: Assistant Professor in Environmental and Water Policy. Preferred teaching and research specializations include a combination of policy expertise as related to water quality and/or quantity; urbanization; hazard mitigation; and/or environmental contamination. Competence in quantitative research methods, and teaching experience in environmental policy is desired. Participation in the undergraduate, masters-level and doctoral programs in the Department of Geography is expected. Evidence of capability for conducting vigorous, externally funded research is required, along with a commitment to university and community service. Salary is negotiable. The applicant must have a Ph.D. in Environmental Science/Policy, Geography, Public Administration, Regional Planning, Economics, or a related field, in hand by the beginning of the contract date.

Deadline for the submission of application materials is January 19, 2007. Send a letter of application, curriculum vitae, statements of research and teaching goals and experience, copies of teaching evaluations, samples of published research, and contact information for three references to: Dr. Philip Reeder, Search Committee Chair, Department of Geography, University of South Florida, 4202 East Fowler Avenue - NES 107, Tampa, Florida 33620. Ph: 813-974-4292, Email: preeder@cas.usf.edu.

Position 2: Assistant Professor in Urban and Regional Planning. Preferred teaching and research specializations include one or more of the core areas in Urban and Regional Planning such as planning theory, history, and methods, as well as sub-areas such as growth management; urban and regional development; transportation planning; and environmental planning. Participation in the undergraduate, masters-level and doctoral programs in the Department of Geography is expected. Evidence of capability for conducting vigorous, externally funded research is required, along with a commitment to university and community service. The Urban and Regional Planning Masters Program will begin offering courses in Fall 2007, and accepting degree-seeking students in August 2008, pending final approval. Salary is negotiable. The applicant must have a Ph.D. in Urban Planning or a closely related field in hand by the beginning of the contract date. AICP certification is preferred. Deadline for the submission of application materials is January 19, 2007. Send a letter of application, curriculum vitae, statements of research and teaching goals and experience, copies of teaching evaluations, samples of published research, and contact information for three references to: Dr. Elizabeth Strom, Search Committee Chair, Department of Geography, University of South Florida, 4202 East Fowler Ave, NES 107, Tampa, FL 33620. Ph: 813-974-3439; Email: estrom@cas.usf.edu.

The 21-member Department of Geography has a broad focus, with a teaching and research emphasis on urban development, water resources and policy, hazards, karst and environment and policy. The department also houses the Environmental Science and Policy Program, and graduate certificate programs in GIS, Community Development, and Environmental Science and Policy. Please visit our website for additional information (www.cas.usf.edu/geography/). The University of South Florida is an equal opportunity, affirmative action, equal access institution. For disability accommodations, please contact us at 813-974-4291 at least five working days in advance. According to Florida law, applications and meetings regarding them are open to the public. DEC 06-324.

GEORGIA, ATLANTA 30302-4105. Georgia State University. The Department of Geosciences invites applications for two **tenure-track positions at the rank of Assistant Professor** beginning August 2007.

1. Environmental Geography. We seek a geographer whose research involves environmental issues. Area of specialization may include environ-

mental impact assessment, global change, hazards, land conservation, landscape ecology, natural resource management, sustainable development, and environmental planning.

2. Geomorphology/Hydrology. We are interested in a scholar who studies surficial processes. Research area is open within geomorphology, hydrology, or closely related fields.

In addition to seeking external funding and exhibiting the potential to develop a strong research agenda, the new faculty members will teach introductory courses in physical geography as well as upper-division and graduate courses in their specialties. A Ph.D. is required prior to the August 2007 start date. Georgia State University, which is located in downtown Atlanta, is one of the country's leading urban research universities. The Department of Geosciences draws on the strengths of geography and geology faculty to conduct high-quality research and teaching in the physical and social sciences. The department currently offers the following degrees: B.A. in Geography, B.S. in Geology, M.A. in Geography, and M.S. in Geology. In addition, the department offers advanced certificates in GIS and Hydrogeology, and it collaborates with the Department of Chemistry to offer a Ph.D. in Chemistry with Geology specialization. For more information about the Department of Geosciences, visit the department's Web site at <http://monarch.gsu.edu/geosciences/>.

Candidates should send a letter of application, a statement of teaching and research interests, a curriculum vitae, and names of three references with full contact information to the address below. NOV 06-310.

Apply: Dr. Jeremy Diem, Geography Search Committee Chair, Department of Geosciences, Georgia State University, 33 Gilmer Street SE, P.O. Box 4105, Atlanta, GA 30302-4105. E-mail: jdiem@gsu.edu. Review of applications will begin on 1 December 2006 and continue until the position is filled. Georgia State University is an Equal Opportunity, Affirmative Action employer.

GEORGIA, CARROLLTON 30118. The Department of Geosciences at the University of West Georgia invites applications for a tenure-track **Assistant Professor** position starting August 2007. We seek a **Physical or Environmental Geographer** (specialty open). The position's primary teaching responsibilities will be lower division physical geography courses and upper division courses in the selected candidate's specialties. The selected candidate will be expected to develop an independent research program and to involve undergraduates in her or his research. Applicants should have a Ph.D. in Geography (degree required at time of employment).

Applications should contain a curriculum vitae, letter describing scholarly and teaching interests, transcripts, and names and contact information for three or more references. NOV 06-281.

Apply to: Andy Walter, Search Committee Chair, Department of Geosciences, University of West Georgia, Carrollton, GA 30118-3100 ([\[westga.edu\]\(http://www.westga.edu\)\). Review of applications will begin on January 5 and continue until the position is filled.](mailto:awalter@</p>
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The Department of Geosciences (<http://www.westga.edu/~geosci>) offers undergraduate degrees in physical geography, human geography, geology, and earth science education. Its thirteen tenure-track faculty members are strongly committed to high quality undergraduate education and vigorous faculty-student research. The department contains well equipped physical geography and geospatial technology labs with technical support, and in 2008 will move into a new, expanded teaching and research facility. Located fifty miles west of Atlanta, the University of West Georgia is a growing regional university of the University System of Georgia with an enrollment of approximately 10,000. The University of West Georgia is an equal opportunity/affirmative action employer.

ILLINOIS, CHICAGO 60607. Assistant Professor of Urban Planning and Policy.

The Urban Planning and Policy Program in the College of Urban Planning and Public Affairs at the University of Illinois at Chicago seeks applications for a tenure-track position at the Assistant Professor level effective August 2007. The candidate for this position will teach courses in the new Bachelor of Arts in Urban and Public Affairs, the Master of Urban Planning and Policy and the Ph.D. in Urban Planning and Policy. Appointment will begin August 2007 or as soon thereafter as possible.

Applicants should hold a Ph.D. degree in urban studies, planning or a closely related field and have an interest and commitment to urban research as well as planning practice. Priority will be given to scholars in the social sciences or humanities with research experience in the history, political economy, or culture of urban places and institutions. Applicants must demonstrate a strong commitment to innovative undergraduate education, possess broad knowledge of contemporary U.S. planning practice and show a promising record of research and publication on urban planning and/or urban studies topics. Minorities and women are especially encouraged to apply.

The UIC Urban Planning Program (UPP) <http://www.uic.edu/cuppa/upp/> was founded in 1973. It has 200 graduate students and over 1000 alumni from its two graduate degree programs, the Master of Urban Planning and Policy, and the Ph.D. in Urban Planning and Policy. Concentrations include: community development, economic development, globalization and international planning, physical planning, and urban transportation. The program plans to co-direct an undergraduate B.A. in Urban and Public Affairs with the Public Administration Program starting the Fall 2007 semester.

The College of Urban Planning and Public Affairs (CUPPA) was created in 1995 as part of UIC's Great Cities Initiative. The position is part of a multi-year expansion of CUPPA based on our 2010 Strategic Plan <http://www.uic.edu/cuppa/cuppa2010plan.pdf>, which also calls for hiring in the Public Administration program. The College

houses two academic programs, The Urban Planning and Policy Program and the Public Administration Program. The College hosts seven research centers: the Center for Urban Economic Development, the Great Cities Institute, the Institute for Research on Race and Public Policy, the Survey Research Laboratory, the Urban Transportation Center, the Great Cities Urban Data Visualization Lab, and the Voorhees Center for Neighborhood and Community Improvement. The Program is also affiliated with the City Design Center and the Institute for Environmental Science and Policy.

The University of Illinois at Chicago is a comprehensive public university that serves 25,000 students on a campus located just west of Chicago's Loop. Its policy is not to engage in discrimination or harassment against any person because of race, color, religion, sex, national origin, ancestry, age, marital status, disability, sexual orientation, unfavorable discharge from the military, or status as a disabled veteran or a veteran of the Vietnam era and to comply with all federal and state nondiscrimination, equal opportunity, and affirmative action laws, orders and regulations. The University of Illinois is an Affirmative Action/Equal Opportunity Employer.

Send both a hard copy and an electronic copy of a letter of application and a curriculum vita. Please also send three letters of reference from professional references with contact information by January 15th, 2007 for fullest consideration to the address below. NOV 06-268.

Apply: Professor Charles Hoch, Chair, UPP Search Committee, Urban Planning and Policy Program M/C 348, College of Urban Planning & Public Affairs, 412 South Peoria, Chicago, Illinois 60607. chashoch@uic.edu.

ILLINOIS, NORMAL 61790-4400. Illinois State University, Department of Geography-Geology seeks applicants for a tenure track position at the **Assistant Professor** level beginning August 16, 2007. Applicants should have a PhD at the time of appointment. The department invites applications from individuals specializing in **Human Geography** with research interests in sustainable community development. The successful candidate will teach general education, intermediate, and advanced courses in his/her area of interest. Ability to teach a regional geography course is a plus. The department houses GIS and Cartography Services, a newly established community and regional GIS outreach program; two teaching computer labs equipped with the latest ESRI GIS software; and a dedicated computational research laboratory. Collaboration with the Stevenson Center for Community and Economic Development is possible.

Illinois State University is a research-intensive university enrolling approximately 20,000 students. Our department offers a BA/BS in Geography, a BS in Geology, and a MS in Hydrogeology. Illinois State University and the department place strong emphasis on undergraduate education.

The successful candidate is expected to pursue an active program of scholarly research, publication, and external grant funding. Potential for a significant start-up package exists.

Illinois State University is located in the Bloomington-Normal metropolitan area of central Illinois with a population of approximately 150,000. A cover letter, a curriculum vita, research and teaching statements, the names of three referees, and all college and university transcripts must be received by December 15, 2006, to ensure full consideration. NOV 06-286.

Apply: Dr. David Malone, Department of Geography-Geology, Campus Box 4400, Normal, Illinois 61790-4400. Telephone: (309) 438-2692, Fax: (309) 438-5310, Email: dhmalon@ilstu.edu. Additional information about our department, university, and community is available at <http://www.geo.ilstu.edu>.

Illinois State University is an Affirmative Action/Equal Opportunity University encouraging diversity.

ILLINOIS, SPRINGFIELD 62794. Geosciences Instructor. Lincoln Land Community College (LLCC) serves a 4000 square mile district at its main campus in Springfield, the vibrant capital city of Illinois. Springfield is centrally located between Chicago and St. Louis and is home to the new Abraham Lincoln Presidential Library and Museum as well as numerous historic sites and cultural events. LLCC also provides educational services at the East Springfield Learning Center and the Capital City Center, both in Springfield, and at Regional Education Centers in Taylorville, Jacksonvill, Beardstown, Litchfield and Hillsboro, Illinois. LLCC enrollment for 2005-2006 was approximately 17,000 full- and part-time credit and non-credit students.

The college is seeking applicants for a full-time, tenure track faculty position in the GeoSciences beginning fall semester of 2007. LLCC is seeking innovative instructors who place student success and student learning as top priorities. The college is particularly interested in applicants who demonstrate an interest in active learning approaches, student assessment techniques, and utilizing technology in the classroom. The college is also interested in individuals with a commitment to departmental, institutional, and community service. Duties will include teaching 15 contact hours per semester, which may include teaching during evening or weekend hours and/or at our regional centers. Some opportunities exist for overload and summer teaching assignments.

A master's degree in Geology, Geography, Earth Sciences, or Physical Science is required with at least 18 credit hours of graduate courses in the Geosciences. Teaching experience, especially at a community college, is viewed favorably. The candidate should be able to teach Physical Geology, Physical Geography, and Weather and Climate, as well as a variety of other lower level courses in the GeoSciences (e.g., Introductory Astronomy,

Ocean Studies, GIS, and GPS). Preference will be given to those capable of teaching a broad spectrum of courses.

The Biological and Physical Sciences Department consists of 13 full-time and 36 adjunct faculty. The department includes the areas of Biology, Health, Chemistry, Geography, Geology and Physical Science. The department chair, who reports to the Vice President of Academic Services, heads the Biological and Physical Sciences Department.

Starting salary is determined by education level and experience and will be between \$36,227 and \$60,264. The college provides an excellent fringe benefit package and is supportive of faculty development. Send a letter of application, resume, Lincoln Land Community College application form completed in full, and copies of all college/university transcripts to the address below. NOV 06-317.

Apply: Human Resources Office, Lincoln Land Community College, 5250 Shepherd Road, P.O. Box 19256, Springfield, IL 62794-9256. Email: hr@llcc.edu.

Application forms may be downloaded at www.llcc.edu/hr/ or you may contact us at (800) 727-4161, ext 62258.

Review of applications will begin December 1, 2006 and will continue until the position is filled.

LLCC is an equal opportunity employer and educator. Check our employment listings at www.llcc.edu/hr/.

ILLINOIS, URBANA 61801. The University of Illinois at Urbana-Champaign. The Department of Geography invites applications for a full-time (9 month), tenure track position at the **Assistant Professor** level in **Geographic Information Science**, starting August 2007.

The successful candidate will be expected to develop an active program of research and publication in one or more aspects of GIScience (including, but not limited to spatial analysis, spatial modeling, geovisualization, geocomputation, GIS and society) as well as complement current departmental and school research strengths. The position also involves participating in teaching for the Department's undergraduate and graduate core curriculum in GIS. The Department is part of the newly established School of Earth, Society and Environment (SESE, comprising the Departments of Geography, Geology and Atmospheric Sciences), which provides excellent opportunities for interdisciplinary research. There are also multiple opportunities to interact with the National Center for Supercomputing Applications (NCSA), a leading center for the development of cyberinfrastructure, scientific visualization and data mining.

A Ph.D in Geography or a closely related discipline is required at the time of appointment. Salary will be commensurate with experience.

Full consideration will be given to applications received by December 15, 2006. Applicants should submit a curriculum vitae, a statement of research and teaching interests and a writing sample. In

addition, they should arrange for three letters of recommendation to be sent. All materials should be submitted to the address below. NOV 06-306.

Apply: Luc Anselin, Chair, GIScience Search Committee, Attn. Diane Lane, Department of Geography, 220 Davenport Hall (MC 150), 607 South Mathews Avenue, Urbana, IL 61801, tel (217) 333-3342, fax (217) 244-1785. For further information, contact anselin@uiuc.edu.

The University of Illinois is an Affirmative Action/Equal Opportunity Employer.

ILLINOIS, URBANA 61820. The College of Fine and Applied Arts at the University of Illinois at Urbana-Champaign invites applications for the position of **Head of the Department of Urban and Regional Planning**. The successful candidate will have an established record of teaching, research, and service with commitment to interdisciplinary aspects of planning. Salary is competitive; start date is negotiable. Further information about the position may be found at <http://www.faa.uiuc.edu/>. To ensure full consideration, applications should include a letter of intent, complete vitae, contact information of three references and sent to the address below. NOV 06-258.

Apply: DURP Head Search Committee, 608 E. Lorado Taft Drive #100, Champaign, IL 61820, postmarked by December 1, 2006. AA/EOE.

INDIANA, MUNCIE. Department of Geography, Ball State University, Muncie, Indiana. **Two tenure-track faculty positions** available August 17, 2007. Competitive salary and benefits package.

Assistant Professor (1). Responsibilities: teaching undergraduate and graduate courses in weather forecasting, severe storms and satellite/radar meteorology; supervising student research; advising students; seeking external funding; conducting research. Minimum qualifications: Ph.D. in **geography/meteorology/atmospheric sciences** or closely related discipline; ABD will be considered but Ph. D. must be completed by Aug 1, 2007; demonstrated commitment to quality teaching, research and service, and evidence of scholarly productivity. Preferred qualifications: experience in web-based forecasting techniques, WSI systems and an interest in teaching introductory physical geography courses; broadcast meteorology and severe weather field experience.

Assistant Professor (2). Responsibilities: teaching undergraduate and graduate courses in synoptic meteorology, thermodynamic meteorology, and global climatology; supervising student research; advising students; seeking external funding; conduct research. Minimum qualifications: Ph.D. in **geography/meteorology/atmospheric sciences** or closely related disciplines; ABD will be considered but Ph. D. must be completed by Aug 1, 2007; demonstrated commitment to quality teaching, research, service, and evidence of scholarly productivity. Preferred qualifications: interest in teaching introductory courses in physical geography, large-scale atmospheric phenomena, biomete-

orology and computer programming; demonstrated ability to conduct research in area of interest.

The Department and Facilities: The department has an option in meteorology and climatology with two separate tracks, a minor and a graduate program with an emphasis in Atmospheric Sciences and GIS. The general track prepares students for positions with a general knowledge of meteorology and climatology in satisfying primary task objectives. The professional meteorology track has been designed to meet Federal Civil Service requirements (GS1340). A minor in meteorology and climatology for Weathercasters provides students with the background necessary for National Weather Association (NWA) seal of approval. The department has an excellent state-of-the-art weather laboratory using WSI software and possesses an archive of local weather records from 1932 to the present. The laboratory serves as a backup Emergency Operation Center (EOC) for the Delaware County Emergency Management Agency.

Send letter of application indicating position of interest, including statement of teaching and research interests; curriculum vitae; copies of transcripts; documentation of teaching and scholarly activity; and names and contact information for three references to the address below. NOV 06-290.

Apply: Dr. Christopher Airriess, Chair, Search Committee, Department of Geography, Muncie, Indiana 47306-0470. Phone 765-285-1614, E-mail: cairries@bsu.edu. Official transcripts will be required upon employment. Review of applications will begin immediately, and will continue until the positions are filled. (www.bsu.edu/geography).

Ball State University is an equal opportunity, affirmative action employer and is strongly and actively committed to diversity within the community.

INDIANA, MUNCIE 47306. Assistant Professor/Cartography, Department of Geography, Ball State University, Muncie, Indiana.

Tenure-track position available August 17, 2007. Responsibilities: teaching introductory cartography and advanced computer cartography and graphics, map reading, and other introductory geography courses; supervising student research; advising students; seeking external funding. Minimum qualifications: Ph.D. in geography or closely related disciplines; ABD will be considered but Ph.D. must be completed by August 1, 2007; demonstrated commitment to quality teaching, research, and service; extensive expertise in the most recent cartographic software packages. Preferred qualifications: Ph.D. in geography or closely related disciplines with specialization in computer cartography and graphics and map reading; proficient in the applications of Adobe CS2 software bundle; demonstrated ability to teach and conduct research in area of interest. Competitive salary and benefits package.

Send letter of application, including statement of teaching and research interests; curriculum vitae; copies of transcripts; documentation of

scholarly activity or cartographic work; and the names and contact information for three references to the address below. NOV 06-285.

Apply: Dr. Kevin Turcotte, Chair, Search Committee, Department of Geography, Ball State University, Muncie, IN 47306. (Tel: 765.285.1776; Email: turk@bsu.edu) Official transcripts will be required upon employment. Review of applications will begin immediately, and will continue until the position is filled. (www.bsu.edu/geography).

Ball State University is an equal opportunity, affirmative action employer and is strongly and actively committed to diversity within its community.

***IOWA, AMES 50011. The Departments of Community and Regional Planning and Landscape Architecture** at Iowa State University invite applications and nominations for the position of **Chairperson** at the rank of Full Professor with Tenure.

Please send nominations to Kate Schwensen, Search Committee Chair and Associate Dean of the College of Design, at kschwenn@iastate.edu. Please see our pdf position description at: <http://www.design.iastate.edu/openpositions.php> DEC 06-370-W.

IOWA, IOWA CITY 52242-1316. The Department of Geography at The University of Iowa invites applications for **two tenure track positions** beginning in August 2007 that will be filled at the **Assistant Professor** level. The Department and the College of Liberal Arts and Sciences are strongly committed to diversity and maintain ties to programs on campus that provide a supportive environment for women and minorities. The strategic plans of the University, College, and Department reflect this commitment to diversity; the Department is especially interested in increasing its gender and ethnic diversity.

The department's focus is on human-environment relations with a significant role for geographic information science. Current faculty have research and teaching strengths in the areas of land use/land cover change, water quality, environmental health, environmental justice, and GIScience. We seek individuals who will complement existing research and teaching capabilities with expertise in the following two areas:

1. Environmental geography. A focus on **land use dynamics** and/or **environmental economics** and/or **environmental health** is desired. Interests in economic geography and any area of geographic information science are also welcome.

Apply: Professor George P. Malanson, Department of Geography, 316 Jessup Hall, The University of Iowa, Iowa City, IA 52242-1316. Telephone: 319/335-0540, Fax: 319/335-2725, email: george-malanson@uiowa.edu.

2. Geoinformatics. Specialization and/or application in **health**, the **environment**, or **urban systems** is desired, but all specializations will be considered. Instructional expertise in GIS, remote sensing, and/or spatial statistics is also desired. NOV 06-292.

Apply: Professor David A. Bennett, Department of Geography, 316 Jessup Hall, The University of Iowa, Iowa City, IA 52242-1316. Telephone: 319/335-0158, Fax: 319/335-2725, email: david-bennett@uiowa.edu.

Applicants for these positions should submit a letter describing their research and teaching interests, evidence of teaching effectiveness, and a current c.v. They should also arrange to have three letters of recommendation sent. A strong commitment to undergraduate and graduate education is expected, as are credible plans for establishing a record of productive research. A Ph.D. in geography or a closely related field is required. Screening of applications will begin on November 1, 2006. For additional information about the department see: <http://www.uiowa.edu/~geog/>. The University of Iowa is an AA/EO employer; minorities, women, and individuals with disabilities are encouraged to apply.

KANSAS, PITTSBURG 66762. The Department of Social Sciences, the largest of the 14 departments in the College of Arts and Sciences at Pittsburg State University, invites applications for a tenure earning **Assistant Professor of Geography** starting in August 2007. Expertise in GIS is required, preferably with an application area in Environmental and/or Urban Geography. Demonstrated potential for excellence in undergraduate teaching and an active research agenda required. Teaching duties include World Regional Geography, upper division level application classes, and introductory and advanced courses in GIS. The position is also responsible for monitoring student performance and growing a GIS program that includes established undergraduate internships and community outreach. A Ph.D. in Geography or related discipline is preferred though ABDs will be considered. The salary is from a base of \$40,000 with appointment terms dependent upon candidate qualifications.

Pittsburg State University is a growing regional institution of approximately 7,000 students that is part of the Kansas Board of Regents system. It is located in Pittsburg, KS a community of some 20,000 people, located about a two-hour drive from the metropolitan areas of Kansas City, MO and Tulsa, OK. NOV 06-283.

Applicants should contact: Dr. Tim Bailey, Chair, Geography Search Committee, Department of Social Sciences, Pittsburg, KS 66762. Please send a vita, three letters of recommendation, copies of graduate transcripts, samples of research, as well as syllabi and teaching evaluations, if available. The final review process will begin on November 15, 2006 and continue until the position is filled. The university is an EEO/AA employer and welcomes applications from women and minorities.

***KENTUCKY, LOUISVILLE.** The Department of Geography and Geosciences at the University of Louisville seeks a candidate with a Ph.D. in geography for a tenure-track faculty position with the rank of **assistant professor** to begin Fall 2007. A special-

ization in **applied urban geography and demography** and demonstrated competence in GIS are required. A successful candidate must be willing to develop or redesign courses relevant to the area of specialization and to contribute to courses in quantitative analysis. The department's physical facilities are excellent and opportunities to collaborate with colleagues in other disciplines and within the Louisville Metro community are plentiful. The department offers a B.S. in Applied Geography and has made significant progress towards submission of plans for a M.S. in Applied Geography. Applicants must apply on-line at www.louisville.edu/jobs and reference Job ID #20667. Through the on-line application process submit a cover letter detailing teaching and research interests, a curriculum vita, a sample of teaching evaluations (if available) and contact information (including email address) for three references before January 15, 2007. For further information about the position, contact Dr. Clara A. Leuthart, chair of the search committee, at c.leuthart@louisville.edu. The University of Louisville is an Affirmative Action, Equal Opportunity, Americans with Disabilities Employer, committed to diversity and in that spirit, seeks applications from a broad variety of candidates. DEC 06-372.

***LOUISIANA, BATON ROUGE 70803. Assistant/Associate/Full Professor. (Three positions).** Department of Geography and Anthropology Required Qualifications: (All positions) Ph.D. in Geography or closely related field at the time of appointment; promising or established program of research and a record of, or potential for, securing funding from extra-university sources; excellence in teaching and graduate mentoring.

Assistant/Associate/ Full Professor (Economic Geographer/Ref: #032603) Additional Required Qualifications: regional specialty in China. This search is to fill one of eight new positions as part of a University-wide Chinese Commerce and Culture initiative.

Assistant/Associate Professor (Combining GIS with any substantive subfield of geography/Ref: #009922) with any substantive subfield of geography. Responsibilities: teaches introductory and advanced classes in GIS and in the applicant's subfield area; liaison with the Computer Aided Design & Geographic Information Systems (CADGIS) Research Laboratory.

Assistant Professor (Climatology/Tenure-track/Ref: #019004) We seek an outstanding climatologist who is conducting innovative research, willing to collaborate with the Southern Regional Climate Center and the Louisiana Office of State Climatology. All specializations within climatology will be considered. Additional Qualifications Desired: utilize GIS in research and teaching.

These positions will further the University's Flagship Agenda, and build on departmental strengths. Responsibilities: (All positions) seeks external funding; works with graduate-students; teaches a variety of graduate and undergraduate courses. For further

information contact the chair of the search committee via email at gachair@lsu.edu. An offer of employment is contingent on a satisfactory pre-employment background check. Review of applications will begin immediately. Application deadline is December 15, 2006, or until candidates are selected. Appointments will begin in August 2007. Applications should include a CV (including e-mail address), letter of interest including statements of research and teaching interests, and the names and contact information for three referees. Send application to the address below. DEC 06-315-1.

Apply: Search Committee Chair, Department of Geography and Anthropology, Louisiana State University, Ref: #032603, #009922, or #019004, Baton Rouge, LA 70803-4105. Louisiana State University recognizes the power of a diverse community and encourages applications from individuals with varied experiences, perspectives, and backgrounds.

LSU Is An Equal Opportunity/Equal Access Employer.

MARYLAND, SALISBURY. Assistant Professor of Geography and Geosciences.

Salisbury University, Department of Geography and Geosciences seeks applicants for a tenure track position at the **Assistant Professor** level beginning in August 2007. Ph.D. in Geography or related field is required at time of appointment. We are seeking a **Geographer with a specialization in Geographic Information Science**. This is an expansion position to support a new Master's program in GIS and Public Administration. In addition to teaching GIS/geographic techniques, the candidate will teach undergraduate courses in physical or human geography as well as graduate courses in the Master's program. The successful candidate is expected to participate in regional and community GIS outreach through the Eastern Shore Regional GIS Cooperative (www.esrgc.org). It is essential that the candidate have a commitment to excellence in teaching and the ability to communicate fluently in English, both orally and in writing and is able to use effective teaching and classroom management strategies which enhance the success of diverse learners. Salisbury University faculty members are expected to demonstrate appropriate levels of scholarly activity and service.

Salary will be commensurate with qualifications and experience. Submit letter of application, curriculum vita, and the names, addresses (including e-mail) and phone numbers of at least three references. Applications will be reviewed beginning December 15, 2006. Applications will be accepted until the position is filled. OCT 06-243-3.

Apply: Dr. Michael Scott, Chair of Search Committee, Department of Geography and Geosciences. E-mail: msscott@salisbury.edu.

The Department of Geography and Geosciences is part of the endowed Richard A. Henson School of Science and Technology, and is housed in the recently opened Henson Science Hall. Department facilities include a state-of-the-art 42-station geographic computing lab, over two terabytes of

regional geographic datasets, and modern physical geography laboratories. For more information about the Department visit our website: www.salisbury.edu/geography.

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

Please visit www.salisbury.edu.

***MASSACHUSETTS, BOSTON.** University of Massachusetts Boston, Environmental, Earth and Ocean Sciences (EEOS). Opening for Tenure-Track Assistant or Associate Professor, Fall 2007.

The Environmental, Earth and Ocean Science (EEOS) Department seeks an Assistant or Associate Professor in either **Geographic Information Technologies (GIT)** or **Environmental Remote Sensing Using GIS**. For the GIT position, preference will be given to applicants with experience in applying GIS for urban/economic applications as well as applications that link urban dynamics with coastal and ocean environments. For the Remote Sensing position, applicants should have experience with GIS, spatial statistics and their integration with remote sensing, and have experience with high resolution and hyper spectral imagery and large dataset management. The successful applicant is expected to participate in the GIS certificate program and the campus-wide Applied GIS Core Facility. The individual must have interests in understanding and managing the effects of natural and human perturbations on linked watershed-coastal or coastal-marine ecosystems.

Applicants must have a fundamental commitment to join a multidisciplinary faculty that emphasizes linkages between the social and natural sciences. Preference will be given to candidates with strong quantitative skills, with a sincere commitment to interdisciplinary research who are willing to both initiate and participate in team-based research projects, and whose research complements research by other EEOS faculty. Applicants must have a well-conceived research and teaching program, capable of supporting graduate research through external funding. Teaching responsibilities include supervising graduate and undergraduate students and teaching both undergraduate and graduate courses related to their discipline. Qualifications: Ph.D. with post-doctoral experience. Since EEOS is a newly formed department, see <http://www.es.umb.edu> and <http://www.geog.umb.edu/> for information on the former departments.

Send a cover letter that includes curriculum vitae, statements about research and teaching, and names and email addresses of three references to the address below. DEC 06-369.

Apply: the College of Science and Mathematics, Search 520b, University of Massachusetts Boston, 100 Morrissey Blvd., Boston, MA 02125-

3393. Application review will begin on 1 December and continue until position is filled. UMass Boston is an Affirmative Action, Equal Opportunity Title IX employer.

***MASSACHUSETTS, BOSTON 02215.** The Department of Geography and Environment at Boston University invites applications in the area of **interdisciplinary environmental science and policy**. We seek to hire either a recent Ph.D. (preferably with post-doctoral experience) for appointment at the rank of **assistant professor**, or a **senior individual at the rank of associate or full professor**. We will consider applicants with a broad range of backgrounds with interests at the interface between human and environmental systems. Specific research interests may include such topics as the environmental impacts of climate change, land use and land cover change, energy, international environmental issues, forest and water resources management, marine resources, and agroecosystems.

Candidates should have a commitment to teaching and research, and a desire to work in an interdisciplinary setting. Senior applicants should have demonstrated leadership abilities and be interested in contributing to departmental and campus-wide environmental initiatives.

Boston University has faculty expertise across both the social and natural science dimensions of the environment, and opportunities for collaboration exist with colleagues in affiliated research centers including the Center for Energy and Environmental Studies, the Department of Economics, the Department of Biology and the Center for Conservation Biology, the School of Public Health, the Center for Transportation Studies, the Department of International Relations, and the Center for Remote Sensing at Boston University. Applicants should submit a CV, a statement of teaching and research interests, and contact information for at least three referees to the address below. DEC 06-317.

Apply: Mark Friedl, Department of Geography and Environment, Boston University, 675 Commonwealth Ave, Boston, MA, 02215-1401. Electronic submissions are welcome and should be sent to friedl@bu.edu with the subject "Environment Position." Review of applications will begin on December 15, 2006 and will continue until the position is filled. Boston University is an Equal Opportunity/Affirmative Action Employer.

***MASSACHUSETTS, WESTFIELD.** Westfield State College, established in 1839, was the nation's first public coeducational school for teacher preparation. It has since evolved into a selective public institution, offering undergraduate and master's level graduate programs to over 5,000 students. The most residential of the nine Massachusetts state colleges, Westfield State takes pride in its warm atmosphere, small class sizes, and attractive campus.

The department of Geography and Regional Planning is now accepting applications for the fol-

lowing position: **Assistant Professor, Physical Geography**

Tenure Track – to begin September 2007

Includes introductory Physical Geography and Labs, introductory and advanced GIS and Remote Sensing. Review of applications will begin immediately and continue until the position is filled. Ph.D. in Geography or Planning is desired.

An online application is required for this position. To submit an online application and to review a detailed job description and minimum qualifications, please visit: <http://jobs.wsc.ma.edu/applicants/Central?quickFind=50571>.

Paper applications are no longer accepted. If you need assistance completing an online application, please call 413-572-8158 to schedule an appointment.

Westfield State College is committed to building a culturally diverse faculty and staff dedicated to teaching and working in a multi-cultural environment. The College strongly encourages applications from women, minorities, and individuals with disabilities.

An Affirmative Action/Equal Opportunity Employer. Women, persons of color, and persons with disabilities are encouraged to apply. DEC 06-375.

MASSACHUSETTS, WORCESTER 01602. Assistant Professor/Geomorphology.

Broadly trained physical geographer with a specialization in geomorphology. The position involves teaching introductory courses in geomorphology, soil science and physical geography and developing upper level courses in the candidate's area of expertise such as fluvial, coastal or glacial processes and environments. This position also carries the primary responsibility for a new required course in geographic research methods.

Applicants may be asked to contribute to a research methods course and to develop freshman seminars. All applicants should demonstrate a potential for excellence in undergraduate teaching, an active engagement in research and scholarship and a commitment to public higher education. Involving undergraduates in research and interest in geographic education are also desirable.

This position offers an opportunity to shape the future of a department in transition. We currently have 40 majors and offer a B.S. in Geography. Average class size is 20-30. Worcester State College is part of the Massachusetts state college system. The contractual teaching load is 12 credit hours per semester. The position includes full state benefits.

Minimum requirements include a Ph.D. in Geography or a related discipline and undergraduate teaching experience. Desirable qualities include integrating geoscience technologies into teaching and research and developing field courses. Enthusiasm for developing the physical geography curriculum and growing the major is essential.

Interested applicants should send a letter of interest, curriculum vitae, original transcripts (highest degree), and three original, current professional

letters of recommendation to the address below. NOV 06-271.

Apply: Director of Human Resources, Worcester State College, 486 Chandler Street, Worcester, MA 01602-2597.

Worcester State College is an equal opportunity/affirmative action employer. It actively seeks nominations of and expressions of interest from women and individuals of color.

For more information please visit the Human Resources Department site at <http://www/fac.worcester.edu/hr/jobs.htm>.

MASSACHUSETTS, WORCESTER 01602. Assistant Professor/Physical Geography: Hydrologic and Atmospheric Science.

Broadly trained physical geographer with a specialization in hydrologic or atmospheric science. The position involves teaching meteorology, hydrology and sections of physical geography as well as developing upper level courses in water resources, climate change and one's area of expertise.

Applicants may be asked to contribute to a research methods course and to develop freshman seminars. All applicants should demonstrate a potential for excellence in undergraduate teaching, an active engagement in research and scholarship and a commitment to public higher education. Involving undergraduates in research and interest in geographic education are also desirable.

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For more information please visit the Human Resources Department site at <http://www/fac.worcester.edu/hr/jobs.htm>.

MASSACHUSETTS, WORCESTER 01602. Assistant Professor/Human Geography.

Human geographer with a background in urban, economic or political geography. A region-

ally specialization in Asia or Latin America is preferred, as are GIS skills. Teaching responsibilities include introductory human and world regional geography and upper level courses in urban, economic and political geography. The successful candidate will develop a social geography curriculum that prepares students to think critically about globalization processes and that will contribute to the inter-disciplinary internationalization of the college's curriculum.

Applicants may be asked to contribute to a research methods course and to develop freshman seminars. All applicants should demonstrate a potential for excellence in undergraduate teaching, an active engagement in research and scholarship and a commitment to public higher education. Involving undergraduates in research and interest in geographic education are also desirable.

This position offers an opportunity to shape the future of a department in transition. We currently have 40 majors and offer a B.S. in Geography. Average class size is 20-30. Worcester State College is part of the Massachusetts state college system. The contractual teaching load is 12 credit hours per semester. The position includes full state benefits.

Minimum requirements include a Ph.D. in Geography or a related discipline and undergraduate teaching experience.

Interested applicants should send a letter of interest, curriculum vitae, original transcripts (highest degree), and three original, current professional letters of recommendation to the address below. NOV 06-273

Apply: Director of Human Resources, Worcester State College, 486 Chandler Street, Worcester, MA 01602-2597.

Worcester State College is an equal opportunity/affirmative action employer. It actively seeks nominations of and expressions of interest from women and individuals of color.

For more information please visit the Human Resources Department site at <http://www/fac.worcester.edu/hr/jobs.htm>.

MICHIGAN, MOUNT PLEASANT, MI 48859. Central Michigan University. Assistant Professor. Remote Sensing.

The Department of Geography invites applications for a tenure-track appointment at the level of Assistant Professor effective August, 2007. A Ph.D. in Geography or a closely related field is required at the time of appointment. Appointment at a higher rank may be considered for applicants with a strong record of external funding.

Applicants should specialize in the application of remote sensing to natural resources, environmental analysis, surface hydrology, or other areas of physical geography. Additional expertise in radar, LIDAR, and / or GIS is a plus. The successful candidate must have excellent verbal and written communication skills and have a strong commitment to both graduate and undergraduate teaching, research, and external funding. Candidates will be expected to mentor graduate and undergraduate student research.

Screening will begin on November 10, 2006, and continue until the position is filled.

The department offers a B.S. (major and minor) and M.S. in Geographic Information Sciences, along with bachelor degrees in Geography and Meteorology. Computer and lab facilities are state-of-the-art. Additional potential research opportunities are available in CMU's GIS Center and the Central Michigan University Research Corporation.

Send an application letter, curriculum vita, copies of all transcripts, statement of teaching philosophy and statement of future research plans, and three letters of reference to the address below. NOV 06-276.

Apply: Dr. Bin Li, Chair, Department of Geography, Central Michigan University, Mount Pleasant, MI 48859. Further information is available at www.cst.cmich.edu/units/geo.

Serving more than 28,159 students, Central Michigan University is an innovative doctoral/research-intensive institution recognized for strong undergraduate education and a range of focused graduate programs and research.

CMU, an AA/EO institution, strongly and actively strives to increase diversity within its community.

***MICHIGAN, SAGINAW. Assistant Professor of Geography.** The Department of Geography at Saginaw Valley State University is seeking applicants for a tenure-track position beginning Fall 2007 to teach introductory courses including World Regional Geography and Physical Geography, as well as upper-division courses in her/his interest area. Ph.D. by August 2007 is required. Applicants from economic, political and physical geographers and those with regional expertise outside North America, Latin America and Africa are especially encouraged. Ability to teach a course in History, Sociology, Political Science or a natural science may be beneficial. For more information about SVSU, please visit www.jobs.svsu.edu. Interested individuals must apply online at www.jobs.svsu.edu. SVSU is an EO/AA employer. DEC 06-349.

***MISSISSIPPI, HATTIESBURG 39406.** The University of Southern Mississippi. Department of Geography and Geology. The Department of Geography and Geology invites applications for **two full-time, tenure-track Assistant Professors** commencing August 2007.

Position 1. The department seeks a geographer with interests in **Human-Environmental Geography**. A broad range of sub-specialties is welcome, however our goal is to build strength in all aspects of coastal studies. The appointment will work closely with our Gulf Park Campus in Long Beach, MS. The undergraduate degree program at Gulf Park is one of the fastest growing majors on that campus. We seek a well-qualified and ambitious scholar who can continue to develop the program, as well as work closely with the geography faculty on the Hattiesburg Campus. Expectations

include teaching core and upper division courses and a commitment to sustained research.

Position 2. The department seeks a **GIScience specialist with strengths in Quantitative Methods and application of GIS to human and earth science studies.** The candidate will be situated on the Hattiesburg Campus. Expectations include teaching courses in geospatial science and cartography, participating in collaborative research, advising students, and establishing a competitive, externally-funded research agenda.

Minimum qualifications for both positions are: a Ph.D. in geography at the time of appointment; evidence of ability to teach effectively and to conduct quality research in the area of their specialization.

The Geography Program offers a B.S., M.S. and Ph.D. in geography. The Department of Geography and Geology is a member of the School of Ocean and Earth Science (which includes: Marine Science, Coastal Science, the Gulf Coast Geospatial Center, Geography and Geology). The Geography faculty have a strong focus upon international research/field programs in Latin America, as well as the U.S. South. Please see our website (<http://www.usm.edu/geo/>) for more details on this position and our department.

Applications should include a personal statement of background and experience relevant to the position, especially research and teaching experience, a dated curriculum vitae, and names and addresses (including e-mail) of three referees. The review of applications will commence on February 1, 2007 and continue until a candidate is appointed. All materials should be sent to the address below. DEC 06-373.

Apply: Dr. Clifton Dixon, Chair, Department of Geography and Geology, Box 5051, The University of Southern Mississippi, Hattiesburg, MS 39406-5051. E-mail: c.dixon@usm.edu, voice: (601) 266-4729, Fax: (601) 266-6219. The University of Southern Mississippi is an equal opportunity employer; diversity is highly valued. Minorities and women are encouraged to apply. Visit the Southern Miss Web site at <http://www.usm.edu>.

AA/EOE/ADA.

MISSOURI, COLUMBIA. 65211. University of Missouri - Columbia. The Department of Geography invites applications for a tenure track **Assistant or Associate Professor in GIScience.** PhD in Geography is required at the time of appointment, which will be August 2007. This is a jointly funded position between Department of Geography and the College of Engineering with a tenure home in geography. Candidates should be comfortable working across disciplines and teaching courses to students from both areas. Candidates are expected to have an active program of research and publication, ability to attract external funding, and evidence of commitment to teaching excellence. The appointees primarily will teach courses in GIScience and should have an interdisciplinary research agenda that complements both the Department of Geography and the College of Engineering. Applicants should send

a letter of interest describing their research agenda and teaching philosophy, curriculum vitae, and contact information for three references. Review of applications will begin November 1, 2006, and continue until the position is filled.

The University of Missouri is an EO/AEE employer and women and minorities are strongly encouraged to apply. For ADA accommodations please contact the Geography Department at 573-882-8370. NOV 06-299.

Apply: <http://recruiting.geog.missouri.edu/>. Questions: Dr. Gail S. Ludwig, ludwig@missouri.edu.

MISSOURI, SPRINGFIELD 65897. Missouri State University. The Department of Geography, Geology and Planning invites applications for a **tenure-track Assistant Professor of Geography with an emphasis in Cartography** to begin in August 2007. Ph.D. (or ABD) in Geography, Cartography, or Geospatial Science required at time of appointment. Expertise in Cartography, an aggressive research agenda documented by a detailed research plan, and a commitment to teaching and service are required. Additional expertise in Land Surveying, Geographic Information Science, Remote Sensing, and/or Global Positioning Systems is strongly desired. Post-doctoral research experience and evidence of teaching effectiveness would be advantageous.

The Department grants undergraduate degrees in geography, geospatial science, planning, geology, and earth science education and an M.S. in Geospatial Science in Geography and Geology. The successful candidate must be able to work closely with existing faculty in remote sensing and GIS to provide the core curriculum for both our undergraduate and Master's programs in geospatial science. Candidates with expertise to also support our undergraduate programs in human geography, physical geography, and/or planning would be especially desirable. Applicants should submit a letter of interest a current curriculum vitae, and a detailed research plan and arrange for three reference letters and copies of all academic transcripts to be submitted to the address below. NOV 06-298.

Apply: Chair, Cartography Search Committee, Department of Geography, Geology and Planning, Missouri State University, 901 South National, Springfield, MO 65897. The evaluation of applications will begin November 13, 2006 and will continue until a successful candidate is found. Further information can be obtained at (417) 836-5800 or fax to (417) 836-6006, or visit our web site at geosciences.missouristate.edu. Women and minority candidates are encouraged to apply. EO/AA employer. Email: Geography@missouristate.edu.

NEBRASKA, KEARNEY 68849-5130. The University of Nebraska at Kearney, Department of Sociology, Geography and Earth Science invites applications for **two (2) tenure-track positions at the Assistant Professor level** beginning August 2007.

Position 1: Remote Sensing with experience/expertise in Great Plains Agriculture or Land

Cover, and GPS applications. Teaching responsibilities will include an upper-division, undergraduate course in Remote Sensing and other topical areas depending upon the candidate's training and expertise along with an introductory course in physical geography.

Position 2: Human / Regional Geography with experience/expertise in Urban Geography, Transportation Geography, and/or Quantitative Methods in Geography. Teaching responsibilities will include an upper-division, undergraduate course in Urban Geography and/or Transportation Geography along with an introductory course in Human/Regional geography.

The successful candidates will have a demonstrated commitment to quality teaching, a record of publication or evidence of other scholarly activity as well as the expectation of research in the topical areas listed. The successful candidates will also be expected to supervise undergraduate student research, advise students and seek external funding. Minimum qualifications: doctorate in geography or closely related discipline with special emphasis in the required areas of specialization completed by August 20, 2007. Salary and Benefit Package are competitive.

To apply, complete the required faculty profile at www.employment.unk.edu THEN attach to the on-line profile a letter of application, vitae, and contact information for three professional references. Official transcripts will be required upon employment. Review of applications will begin January 15, 2007 and will continue until the position is filled. NOV 06-277.

Apply: Search Committee Chair: Stan Dart, Chair - Department of Sociology, Geography and Earth Science, 203 Copeland Hall, University of Nebraska at Kearney, Kearney, NE 68849-5103 (darts@unk.edu)

The University of Nebraska at Kearney is an equal opportunity, affirmative action employer and is strongly and actively committed to diversity within its community.

NEBRASKA, WAYNE 68787. Wayne State College, **Assistant Professor of Geography, Tenure Track.**

Wayne State College seeks faculty member to teach **Urban / Economic / Regional Geography.** Ability to teach Introduction to World Geography and some or all of the following: Urban, Economic, Asian, Latin American, and / or European Geography. Background in GIS, Computer Cartography, or Remote Sensing a plus. Strong commitment to teaching in an undergraduate, interdisciplinary environment needed. Ph.D. in Geography required for tenure. Teaching load is 12 hours / semester (usually four classes, three preparations). Regular teaching of Introductory World Regional Geography in addition to above mentioned courses. Undergraduate academic advising expected.

Start date will be August, 2007. Competitive salary. Excellent benefits. Send letter of interest, curriculum vitae, contact information of at least three references, and brief online application (at

www.wsc.edu under Visitors / Employment Opportunities) to the address below. NOV 06-294.

Apply: Human Resources Director, Wayne State College, 1111 Main Street, Wayne, NE 68787; or email to hrwork1@wsc.edu. EOE.

NEVADA, RENO 89557. The University of Nevada, Reno Department of Geography invites applications for a tenure-track position for an **Assistant or Associate Professor in Land Use Planning** with a focus on growth management beginning Fall 2007. Interests and specializations may include economic analysis, regional studies, environmental analysis, sustainable development or transportation. Primary teaching responsibilities will include courses in planning, and some introductory and advanced geography courses. The ability to teach GIS and quantitative methods within a planning context is desirable. The standard teaching load in the department is four courses or twelve total credit hours per year for faculty engaged in graduate education and research. The candidate will be expected to sustain an active funded research program.

PhD in Geography, Urban or Regional Planning or related field is required at the time of appointment. Experience in land use planning is desirable. Other preferred qualifications include experience in graduate program curriculum development and implementation, experience with student advising and capability of working with graduate students on local and regional planning issues. For complete position description and qualifications see <http://jobs.unr.edu> or the department website <http://www.unr.edu/geography>. NOV 06-302.

Apply online at www.unrsearch.com/applicants/Central?quickFind=51687. A complete application needs a letter of application addressing the position requirements, documentation/evaluation by peers or students of teaching effectiveness; current curriculum vitae; and the name, address, phone number and email address of three references. Applications received by Jan. 12, 2007 will receive full consideration. Search chair: Scott Mensing, Voice (775)784-6364 Fax (775) 784-1058 Email: smensing@unr.edu. EEO/AA.

Interested applicants should apply online and will be prompted to attach a CV/resume, letter of application, contact information for 3 professional references.

NEW JERSEY, NEW BRUNSWICK. Rutgers University invites applications for a tenure-track **Assistant Professor** position in the Department of Geography, starting Fall 2007 (pending budgetary approval). We are searching for a **geographer who specializes in South Asia**, and whose research addresses the intersection of global processes and social, cultural, political-economic and/or environmental conditions in that region. This position is being created as part of a major new interdisciplinary initiative in South Asian Studies at Rutgers (<http://southasia.rutgers.edu>). Applicants must hold a Ph.D. upon appointment, and be able to demonstrate excellence in research and teaching. Inquiries and

Buffalo State

State University of New York

DIRECTOR Great Lakes Center (GLC)

The Great Lakes Center at Buffalo State College invites nominations and applications for the position of GLC Director to begin September 2007.

Responsibilities: Oversee, direct GLC operations including personnel, field station facilities, fleet of research vessels. Develop, maintain strong externally funded research program focused on Great Lakes. Oversee and guide education, public outreach programs. Develop, maintain relationships with affiliated college faculty members, other colleges and universities, government agencies working on Great Lakes environmental issues.

Required Qualifications: Ph.D. or equivalent. Senior-level aquatic scientist with academic qualifications for appointment with tenure as professor in one of the science departments associated with the GLC. Strong record of scientific research accomplishments in lake systems or other large aquatic systems. Strong record of obtaining research grants at federal/state level. Experience guiding graduate and/or postdoctoral research. Sufficient administrative experience to oversee operations of GLC personnel, field station facility, and fleet of research vessels.

Preferred Qualifications: Research experience in Great Lakes. Background and familiarity with operation of field stations. Experience with developing education and public outreach programs.

Review of applications will begin **February 1, 2007** and continue until position is filled. Send letter of application, curriculum vitae, a brief description of ongoing and planned research, and contact information for 3 professional references to: **Dr. Howard Riessen, Search Committee Chair, Biology Department, Buffalo State College, 1300 Elmwood Ave., Buffalo, NY 14222-1095, (716-878-6409)**. For more information about the college, visit www.buffalostate.edu.

Buffalo State is an affirmative action/equal opportunity employer.

applications (cover letter; curriculum vitae; statement of teaching interests, philosophy, and experience; and three reference letters under separate cover) should sent to the address below. NOV 06-255.

Apply: Richard Schroeder, Search Committee Chair, Department of Geography, 54 Joyce Kilmer Avenue, Piscataway, New Jersey 08854-8045; ph: 732/445-4019; fax: 732/445-0006; rschroed@rci.rutgers.edu (<http://geography.rutgers.edu/>). Review of applications will begin November 1, 2006, and continue until the position is filled. Rutgers is an equal opportunity and affirmative action employer.

*NEW YORK, BRONX 10468. Lehman College is now accepting applications for a tenure-track **Assistant/Associate Professorship in Environmental, Geographical and Geological Sciences**. The appointee is expected to participate fully in teaching at the undergraduate introductory level in the three departmental disciplines and at graduate level in their field of expertise and to develop and maintain an active research program that will involve undergraduate and graduate students. We particularly seek candidates with expertise in global climate change, atmospheric and hydrospheric processes with knowledge of GIS/remote sensing and modeling that will complement existing departmental expertise. Anticipated start date 1 Sept 2007. Can-

didate must possess PhD in environmental, geographical or geological sciences or a related field at time of appointment. Position will remain open until filled; application review will begin 30 November. Please send statement of research interests and teaching philosophy, current CV and a list of 3 references via email to heather.sloan@lehman.cuny.edu. Lehman College is an EEO/AA/ADA/IRCA Employer.

DEC 06-323-1.

NEW YORK, NEW YORK 10021. The Department of Geography of Hunter College, City University of New York invites applications for the position of **Department Chair** for the academic year beginning fall 2007. The Department seeks a dedicated and effective leader who will continue to promote and strengthen the department's well regarded academic, research, and service programs. Applicant must have a Ph.D. in Geography or a related field at the time of appointment and be qualified for appointment with tenure at the rank of full professor.

The Department seeks candidates whose academic research interests will contribute to the existing strengths of Geography at Hunter. **Specialization is open** to all geography subfields. Administrative and management experience within both undergraduate and graduate level programs in



**Senior Scholar - Open Rank
PH.D. Program
in Geography
The Graduate Center at the
City University of New York**

The Graduate Center is looking for a senior scholar with an established record of academic publication in human geography. The position will be at the associate professor level or higher in the Program in Earth and Environmental Sciences, where a new Ph.D. specialization in Geography has been established. We will consider a broad range of specializations within human geography, especially those that can mesh with an emerging focus on social and environmental theory. Regional interests are welcome. The successful candidate will be expected to take a leadership role in the interdisciplinary Center for Place, Culture and Politics also located at the Graduate Center.

Duties will include: Actively participating in the organization and teaching of the year-long seminar in the Center for Place, Culture and Politics; teaching from 2 to 4 graduate courses a year in the Geography Program of EES (depending upon rank); mentoring, advising and examining students in the doctoral program in EES; undertaking doctoral and other committee responsibilities in the Graduate Center more generally. Further information on the EES program and the Center can be found at the Graduate Center website: www.gc.cuny.edu.

A letter of application, including the names and addresses of three references, and a curriculum vitae should be sent to: **Professor David Harvey, Chair, Search Committee, Earth and Environmental Sciences, CUNY Graduate Center, 365 Fifth Avenue, New York, NY 10016**. Applications will continue to be accepted until the position is filled but evaluation of candidate's applications will begin no later than February 1st, 2007.

EO/ AA/IRCA/ADA employer.

Geography is highly desirable. The successful candidate will have a demonstrated record of exceptional scholarship, a history of significant professional service, and, a well established record of grant activity. It is expected that the candidate also will participate in the intellectual and institutional development of geography within the City University of New York system which includes faculty at Hunter College, the CUNY Graduate Center, Lehman College, among many other CUNY institutions where geographers are present.

The Department of Geography of Hunter College is unique within the City University of New York and is the largest and among the most technologically advanced geography programs in the NYC metropolitan region. The department is composed of 15 full-time faculty members. Hunter College offers bachelor's degrees in geography and environmental studies, a master's degree in geography, and a graduate-level certificate in Geographic Information Science. Within the geography major the department also prepares students for a career in teaching social studies at grades K-12. For the 2005-2006 academic year the department had 123 undergraduate and 42 masters students. Over the course of each academic year the Department of Geography hosts more than 2,500 undergraduates in intro-

ductory courses. The department and department faculty also participate in the Geography specialization within the Earth and Environmental Science Ph.D. Program at the CUNY Graduate Center. Currently, there are 32 doctoral students pursuing the Geography specialization.

Interested individuals should submit 1) a letter describing how they would lead the Department and contribute to its teaching and research programs; 2) a complete curriculum vitae; 3) a maximum of five reprints; and 4) the names and addresses (including e-mail and fax) of three to five referees. Review of applications will begin November 15, 2006, but applications will be accepted until the position is filled. NOV 06-305.

Apply: Dr. William Solecki, Chair, Search Committee, Department of Geography, Hunter College – CUNY, 695 Park Avenue - N1006, New York, New York 10021. Hunter College is an EO/ADA/AA/IRCA employer. Females, minority members, disabled persons, and veterans are encouraged to apply for this position.

***NEW YORK, OSWEGO. Assistant Professor - Geographic Information Systems.**

The State University of New York at Oswego invites applications for a tenure-track position at the Assistant Professor level in applied GIS. The appointment will be in an academic department appropriate to the candidate's area of specialization and will begin Fall 2007. A Ph.D. at time of appointment is required. The successful candidate must be able to develop, promote, and teach a core curriculum in GIS for students in the natural sciences, the social and behavioral sciences, and information science and upper-division courses in their specialty area. Candidates must be an effective teacher and scholar and be committed to educating students to live in a multicultural and global community.

Review of applications will begin on December 1. For complete information about the position and application procedures, visit our website at www.oswego.edu/vacancies. SUNY Oswego is an affirmative action, equal opportunity employer. DEC 06-326.

NORTH CAROLINA, CHARLOTTE 28223-0001.

University of North Carolina at Charlotte. The Department of Geography and Earth Sciences is recruiting a tenure-track **Assistant Professor of Geography**. Required qualifications are: 1) Ph.D. in geography, planning or related discipline by August 10, 2007; 2) research and teaching specialization in either **urban, environmental, or transportation planning**; and 3) potential to sustain an externally funded research program in urban, environmental or transportation planning research. Applicants with a demonstrated ability to utilize GIS for spatial analysis and modeling are preferred.

In the fall of 2006 the Department of Geography and Earth Sciences began a new Ph.D. in Geography with tracks in Urban Regional Analysis and GI Science. The Department has a long-established MA in Geography, one part of which is an

interdisciplinary concentration in Community Planning. In addition, the Department is a core participant in an interdisciplinary Ph.D. in Public Policy. The appointee will be expected to teach 4 courses per year and conduct funded research tied to the mission of the graduate programs.

The Department, the College of Arts and Sciences and the University of North Carolina Charlotte are strongly committed to creating and maintaining a community in which all students, staff and faculty can work, learn and live in an environment of respect and support. We welcome applications that help us achieve these goals.

Review of applications will begin November 15 and continue until the position is filled. Send 1) letter of application describing teaching and research interests, 2) a full curriculum vita, and 3) three letters of reference to the address below. NOV 06-307.

Apply: Dr. Gerald L. Ingalls, Chair, Department of Geography and Earth Sciences, University of North Carolina at Charlotte, 9201 University City Boulevard, Charlotte, NC 28223-0001. AA/EOE

NORTH CAROLINA, GREENVILLE, 27858.

The Department of Geography at East Carolina University invites applications for a tenure-track position in **Physical Geography** at the **assistant professor** level to begin August 20, 2007. Candidates with research interests that complement existing areas of expertise in coastal or fluvial geomorphology preferred, but all applicants with interests in earth and environmental science will be considered. The successful candidate is expected to develop an externally funded research program. Ability to contribute to a growing departmental expertise in GISc is also desirable. Appropriate service to the university, community and profession is expected. Competitive salary and teaching load in a progressive department that offers the BA, BS, and MA. In a continuing effort to enrich its academic environment and provide equal educational and employment opportunities, the department actively encourages applications from members of all groups underrepresented in higher education. PhD in geography or related field is required at the time of appointment. The successful candidate will demonstrate commitment to excellence in teaching and research.

Review of applications will begin October 30, 2006 and will continue until the position is filled. Applicants must complete a candidate profile and submit a cover letter, curriculum vitae, statements of research and teaching interests, and the names and contact information (including email addresses) for three current references online at www.jobs.ecu.edu.

East Carolina University is an Equal Opportunity/Affirmative Action University that accommodates individuals with disabilities. Individuals requesting accommodation under the Americans with Disabilities Act (ADA) should contact the Department for Disability Support Services at (252) 737-1016 (Voice/TTY). Proper documentation of

identity and employability is required at the time of employment. Official transcript required upon employment.

NOV 06-260.

***OKLAHOMA, NORMAN 73019.** The Department of Geography at the University of Oklahoma invites applications for a nine-month, tenure-track **Assistant or Associate Professor position in remote sensing**, beginning August 16, 2007. Ph.D. required at time of appointment. Postdoctoral research experience is preferred. Salary and rank commensurate with experience.

The University of Oklahoma is an active member of University Consortium of Geographic Information Science. The Center for Spatial Analysis (CSA), which with the Department is a unit in the College of Atmospheric and Geographic Sciences, leads GIS and RS activities on the campus. Communities within the University offer collaborative research opportunities in areas such as landscape ecology, urban remote sensing, natural hazards and risk modeling, public health, and hydrology and water resources. The University, through campus-wide strategic research initiatives, is building centers of excellence in Radar Meteorology, Life Sciences, and Applied Social Sciences. CSA has established collaborative networks that bring together remote sensing and GIS researchers in support of these campus-wide strategic research initiatives in the areas of weather-related decision support systems, applied psychology, ecosystem modeling, and ecology and evolutionary biology. Both the Department and CSA are associated with the National Weather Center, which provides opportunities in radar and satellite meteorology.

The Department seeks an individual with expertise in remote sensing of the natural or built environment and in developing innovative remote sensing methodologies, and who has the ability and desire to engage in interdisciplinary research. He or she is expected to play a key role in strengthening and delivering the Department's remote sensing curriculum at both graduate and undergraduate levels, develop a personal research program in remote sensing, and participate in campus-wide research initiatives. The successful candidate will have a record of publication in remote sensing, strong potential to obtain external funding to support research and graduate students, and college-level teaching experience. Active engagement in remote sensing professional organizations is highly desirable. The regular teaching load in the department is two courses per semester with opportunities to buy out courses.

Letters of application should include concise reviews of teaching experience, research plans and accomplishments, and ongoing efforts in developing innovative basic or applied remote sensing research. The application package should include the applicant's C.V. and two samples of the applicant's published research. Names and contact information for three referees must be included in the application package. The University of Oklahoma is an Equal

Opportunity/Affirmative Action Employer. Women and minorities are encouraged to apply. Review of applications will begin December 1, 2006 and continue until the position is filled. DEC 06-368.

Apply by email to Dr. May Yuan, Remote Sensing Search Committee Chair, Department of Geography, The University of Oklahoma. Norman, OK 73019. myuan@ou.edu.

OHIO, BOWLING GREEN 43403. Geospatial Science, Bowling Green State University.

The School of Earth, Environment & Society at Bowling Green State University invites applications for a tenure-track Assistant Professor position in Geospatial Science beginning in August, 2007. The newly formed school is comprised of the Department of Geography, Department of Geology, and the Center for Environmental Programs. We are seeking a person with interdisciplinary interests in GIS/Remote Sensing with emphasis in the application GIS to human, social, or environmental issues. The candidate is expected to develop and maintain an active, externally funded research program. The candidate will also be expected to teach undergraduate and graduate courses. Salary for the position is competitive and commensurate with peer institutions for rank and position and in keeping with candidate experience and credentials. Extensive facilities to support research and teaching in GIS/Remote Sensing include teaching and research 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 Ph.D. at the time of employment. Candidates should send a letter of application, curriculum vitae, statements of research and teaching interests and goals, and three current letters of recommendation to the address below. NOV 06-295.

Apply: Dr. Joseph Frizado, Chair, Faculty Search Committee, Department of Geology, Bowling Green State University, Bowling Green, OH 43403. Finalists will be required to provide a transcript for the highest degree. Applications must be postmarked by January 2, 2007. Bowling Green State University is an Equal Employment Opportunity/Affirmative Action employer and encourages applications from women, minorities, veterans, and persons with disabilities.

***OHIO, CLEVELAND 44115. Assistant Professor, GIS/Planning**

The Maxine Goodman Levin College of Urban Affairs at Cleveland State University seeks a full-time faculty member at the assistant level, position start date August 18, 2007. The College offers nine academic degrees and has 15 research centers.

The Levin College is ranked second in the nation for the study of city management/urban policy by U.S. News & World Report. For additional information: www.urban.csuohio.edu.

Minimum Qualifications: Geographic Information System (GIS) capacity in research and teaching; research interests related to the Urban Planning, Design and Development (MUPDD) program. All requirements of a Ph.D. degree in City and Regional Planning, Geography, Natural Resource Management, or a related field, must be completed by start date. Candidates are expected to teach at both the undergraduate and graduate levels.

Preferred Qualifications: Environmental planning or natural resource management.

Review of applications will begin November 20, 2006. Position open until filled.

Send a statement of interest (including teaching and potential collaboration with College research centers), a curriculum vita, and contact information for three references to the address below. DEC 06-346-1.

Apply: Wendy Kellogg, Search Committee Chair, c/o Lynnette Walker, Office of the Dean, College of Urban Affairs, Cleveland State University, 2121 Euclid Avenue, UR 335, Cleveland, OH 44115.

CSU is an AA/EEO institution committed to non-discrimination in employment and education. M/F/D/V encouraged.

***OHIO, DELAWARE 43015.** Ohio Wesleyan University, The Department of Geology and Geography seeks applicants for the tenure-track position of **Assistant Professor of Cultural/Human Geography** effective August, 2007. Specialties include cultural, economic and urban geography. Specialties which enhance our interdisciplinary programs in Urban Studies and/or International Studies are welcome. Regional research and teaching interests in developing (Third World) regions are preferred. The successful candidate is responsible for teaching the Department's offerings in cultural, economic and urban geography, as well as course(s) in his/her areas of interest. Ohio Wesleyan is a selective private liberal arts college with a long tradition of excellence in Geography and enrolls 1850 students. The University places significant value on teaching, expects excellence and innovation in the classroom, and close educational interaction between faculty and students. The University values and expects scholarly research and active engagement in professional activities. ABD or Ph.D. in Geography required, completion of the Ph.D. by time of appointment preferred. Submit a letter of application, curriculum vitae, and three letters of recommendation. Review of applications will begin on January, 15, 2007 and will continue until the position is filled, with expected appointment by April 1, 2007. Ohio Wesleyan University is an Equal Opportunity/Affirmative Action Employer strongly and actively committed to diversity within its community. DEC 06-363.

Apply to: Chair of the Search Committee, Department of Geology and Geography, Ohio Wesleyan University, Delaware, Ohio 43015. Fax: 740.368.3999. <http://geography.owu.edu>.

OHIO, GRANVILLE 43023. Assistant Professor: The Environmental Studies Program at Denison University invites applications for a tenure-track position beginning in August, 2007. A strong potential for excellence in teaching and a productive research program that may involve undergraduate students are essential. Ph.D. is required; postdoctoral experience and demonstrated teaching ability are assets. The successful candidate will have expertise in geographic information systems (GIS) sufficient to teach Introduction to Environmental Mapping and to manage the GIS lab at Denison. Other teaching responsibilities will include two introductory courses, /People and the Environment/ and /Science and the Environment/, an advanced course in the area of specialization, and an occasional course for non-majors. All areas involving environmental applications of GIS will be considered; specialties such as cultural geography, environmental history or sociology, ecological anthropology or archaeology, environmental health, or environmental justice would complement the present ENV5 faculty. For more information about Denison's Environmental Studies Program visit: <http://www.denison.edu/enviro/>.

Denison offers competitive start-up funds and summer support for student and faculty research. Candidates should send cover letter addressing their interest in liberal arts education; curriculum vitae; statements of teaching philosophy and research interests; copies of transcripts (graduate and undergraduate); and the names, e-mail addresses, and telephone numbers of three references to the address below. NOV 06-267.

Apply: Bahram Tavakolian, Director, Environmental Studies Program, Denison University, Granville OH, 43023.

Review of applications will begin December 15, 2006. Denison is an Affirmative Action/Equal Opportunity Employer. Women and minorities are especially encouraged to apply.

***OHIO, HAMILTON 45011.** Miami University (Hamilton Campus). Tenure-track Assistant Professor to begin in August 2007.

Miami University, Ohio seeks a full-time, tenure-track geographer to play a central role in a new GIScience Certificate program, and to teach introductory and intermediate-level geography courses. Ability to teach introductory- and advanced- level GIS and/or Remote Sensing courses is essential; other courses may be in any sub-field of geography. Ph.D. required at time of appointment. Screening begins January 15, 2007, and continues until the position is filled.

Miami University Hamilton is a regional campus of Miami University, located 16 miles from the Oxford Campus and midway between the Cincinnati and Dayton metropolitan areas. Miami Hamilton serves students who want to begin a

bachelor's degree, complete a professional or applied science associate's degree program, take non-credit continuing education courses, or upgrade their skills with a certificate program. Most of the over 3,000 students work at least part-time while attending day and/or evening or Saturday classes. Faculty drawn from Miami's Oxford and Middletown campuses as well as local business and community leaders augment the campus' 80 full-time faculty members on Hamilton campus.

Teaching, service and scholarly activity responsibilities of this position are appropriate to a regional campus of a major university. The successful candidate will be a full member of the Miami University Geography Department based in Oxford and will have the opportunity to participate fully in the department's programs, including supervising graduate students.

Miami University is an affirmative action/equal opportunity employer. Women and minorities are strongly encouraged to apply. For information regarding campus crime and safety, visit www.muohio.edu/righttoknow. Candidates should send curriculum vitae, a statement describing teaching, service and scholarly engagements and interests, copies of relevant publications, record of teaching (including courses taught and evidence of teaching quality), and three letters of recommendation. DEC 06-364.

Apply: Dr. Ian Yeboah, Chair, Search Committee, Department of Geography, Miami University, Oxford, Ohio 45056 (telephone: 513-529-5010, fax: 513-529-1948; email yeboahie@muohio.edu). For more information on the Department of Geography, and Miami University-Hamilton, consult the web sites at www.muohio.edu/geography and <http://www.ham.muohio.edu/>.

***OREGON, EUGENE 97403.** The International Studies Program at the University of Oregon invites applications for a tenure track appointment at the rank of Assistant Professor to begin September 2007. Applicants should demonstrate excellence in research and publication, undergraduate and graduate teaching capabilities, a high level of proficiency in a language appropriate for the region of specialization, and a commitment to the interdisciplinary exploration of contemporary issues in international studies. We are especially interested in candidates working on international environmental issues, international human rights, and related themes. Our priority is for a scholar working on Latin America. Candidates should have the Ph.D. in hand, or demonstrate likelihood of completion of Ph.D. by summer 2007. The University of Oregon is committed to creating a more inclusive and diverse institution and seeks candidates with demonstrated potential to contribute positively to its diverse community. Applications, including a cover letter, curriculum vitae, three letters of reference, and a sample of written scholarly work, should be sent to the address below. DEC 06-359-1.

Apply: Chair, International Studies Search Committee, 175 PLC Hall, 5206 University of

Oregon, Eugene, Oregon 97403-5206. To guarantee full consideration, applications should be received by December 1, 2006, though applications will be considered until completion of search. The University of Oregon is an EO/AA/ADA institution committed to cultural diversity.

***PENNSYLVANIA, INDIANA 15705.** Temporary Full-Time Faculty Position, Geography/Planning.

The Department of Geography and Regional Planning at Indiana University of Pennsylvania invites applications for a full-time temporary position to begin August 2007. The ideal candidate will have an education or experience in both planning and geography. All specializations will be considered. However, we are particularly interested in a combination of: community planning, physical planning, regional economic development, and the ability to apply and teach geographic information systems (GIS). Additional consideration will be given to candidates with training in tourism and/or with a strong regional specialty. The possibility of a future tenure track vacancy in this particular area is anticipated.

We seek a planner/geographer with a strong orientation towards teaching and the ability to teach courses ranging from introductory geography and planning courses to graduate seminars. A Ph.D. in planning or geography is preferred, ABD candidates will be considered. Candidates must communicate effectively and perform well during the interview(s), which may include a teaching demonstration. All applicants must be work eligible.

The department offers undergraduate degrees in both geography and planning and a Masters degree in geography, with concentrations in GIS/Cartography, Environmental Planning, and Regional Planning. Further information regarding the department and its programs can be found at www.iup.edu/geography.

Applicants should submit a letter of application, a statement of teaching/research philosophy, curriculum vitae, three letters of recommendation, and transcripts to the address below. DEC 06-362.

Apply: Dr. Bob Begg, Search Chair, Department of Geography & Regional Planning, Indiana University of Pennsylvania, 421 North Walk, Room 9 Leonard Hall, Indiana, PA 15705-1087. Applications received by February 15th will receive full consideration. IUP is an equal opportunity employer M/F/H/V.

Indiana University of Pennsylvania is a member of the Pennsylvania State System of Higher Education. F07-035T.

PENNSYLVANIA, SHIPPENSBURG 17257. The Department of Geography/Earth Science seeks a broadly trained physical geographer with expertise in some facet of hydrologic systems for a tenure-track Assistant Professor position, effective August 2007. Teaching responsibilities will include general education courses such as Introduction to the Atmosphere and advanced undergraduate or graduate

courses in the candidate's area of specialization. The successful applicant will complement a department with strong traditions in applied education, human-environment interactions, field-based teaching, and student-faculty collaborative research. Evidence of a commitment to understanding diverse populations and a demonstration of teaching effectiveness will be required as part of the interview process. At least one degree must be in Geography. Doctorate preferred, but ABD will be considered. A doctorate from an accredited institution is required for tenure. Qualified candidates should send a completed application including a letter of interest, curriculum vitae, official undergraduate and graduate transcripts, along with three letters of reference to the address below. NOV 06-261.

Apply: Dr. William Blewett, Chair, Department of Geography and Earth Science, Shippensburg University of Pennsylvania, 1871 Old Main Drive, Shippensburg, PA 17257. Phone: (717) 477-1685. Fax: (717) 477-4029. Review of applications will begin November 15, 2006, and will continue until the position is filled. All candidates must furnish proof of eligibility to work in the U.S. upon appointment. Shippensburg University is an Equal Opportunity Employer.

PENNSYLVANIA, WEST CHESTER, 19383. Join a vibrant campus community whose excellence is reflected in its diversity and student success. West Chester University, Department of Geography and Planning, seeks an **Assistant Professor**, full-time, tenure-track position starting Fall 2007. Ph.D. preferred in Geography, Planning, or other related field; ABD considered.

The department is seeking a Geographer or Planner with qualifications to teach undergraduate and graduate courses in one or more dimensions of **Resources, Conservation, and Environment**. Preference will be given to the applicant with research and teaching experience in resource management and conservation of natural resources.

The successful candidate is expected to teach introductory geography courses, conservation of natural resources, and upper level courses in their area of expertise. The normal teaching load is 12 credit hours per semester. Preference will be given to the candidate with demonstrated teaching experience with undergraduate students, and qualifications for teaching graduate students in the Department's Master of Arts program. Preference will also be given to the candidate with teaching or research experience in geographic technologies such as Geographic Information Systems (GIS), Global Positioning Systems (GPS), and Remote Sensing.

West Chester University places great emphasis on excellence in both teaching and sustained scholarship. Located in Chester County, Pennsylvania's leading residential environment by all measures of economic growth and education, West Chester University enjoys easy access by public transportation or auto to Philadelphia and all major cities on the east coast.

Review of applicants will begin November 1, 2006, and continue until the position is filled. Finalists must successfully complete interview and/or teaching demonstration. References with contact information will be required prior to interview.

Send application letter, curriculum vitae, and names with contact information for at least three references. NOV 06-270.

Apply to: Dr. James Lewandowski, Department of Geography and Planning, West Chester University, West Chester, PA 19383. Voice 610-436-2343. Fax 610-436-2889. Internet address is jwelch@wcupa.edu. Developing and sustaining a diverse faculty and staff advances WCU's educational mission and strategic *Plan for Excellence*. Women and minority candidates are encouraged to apply. West Chester University is an equal opportunity/affirmative action employer.

TEXAS, COLLEGE STATION 77843-3147. Texas A&M University. The Department of Geography (<http://geog.tamu.edu>) invites applications for a tenure-track **Assistant Professor** position in **Process Geomorphology** to begin in September 2007. We seek a scholar with the ability to enhance the department's existing program in geomorphology. This position is one of six faculty hires in the environmental program initiative within the College of Geosciences. Outstanding opportunities exist for collaboration within geography and with other departments, research units, and interdisciplinary initiatives within the College of Geosciences and university (e.g., the departments of Atmospheric Sciences, Oceanography, and Geology and Geophysics, the Center for Atmospheric Chemistry and the Environment, the Watershed Management and Hydrological Sciences program and the Integrated Ocean Drilling Program; <http://geosciences.tamu.edu>). The successful applicant must have a strong commitment to quality teaching at the undergraduate and graduate levels and supervision of undergraduate, M.S. and Ph.D. level research; and demonstrate the potential to initiate and maintain a vigorous externally-funded research program. The Ph.D. is required at time of appointment.

Candidates should submit a letter of application, curriculum vitae, and names and addresses (including e-mail addresses) of three referees to the address below. NOV 06-303.

Apply: Dr. David Cairns, Search Committee Chair. Review of applications will begin on December 15, 2006 and will continue until the position is filled. Texas A&M University is an Affirmative Action/Equal Opportunity Employer. The University is dedicated to the goal of building a culturally diverse and pluralistic community committed to teaching and working in a multicultural environment. We strongly encourage applications from women, underrepresented ethnic groups, and individuals with disabilities.

***TEXAS, NACOGDOCHES 75962.** The Department of Political Science, Geography, and

Public Administration at Stephen F. Austin State University invites applications for a tenure-track **Assistant Professor of Geography** beginning spring 2007 or fall 2007. Review of applications will begin November 7, 2006, and the position will remain open until filled. The small, intimate geography program offers B.S./B.A. degrees and provides required courses for the University's two largest programs: education and forestry/environmental science. The successful candidate should be a broadly trained geographer who will teach four courses each semester from a broad inventory of introductory and advanced courses. The typical class size involves a minimum of 10 and a maximum of 48 students. Academic expertise in K-12 geography education is desirable. Other assets would include an interest in cultural, political, or physical geography research and a willingness to teach some combination of the following: world regional geography, physical geography, human geography, cartography, cultural geography, economic geography, political geography, Texas geography, and/or urban geography. A Ph.D. is preferred, but an ABD who will earn a Ph.D. within one year of appointment will be considered. The successful candidate must be committed to teaching excellence and maintain an active research agenda. The successful candidate should also be able to communicate successfully with students and faculty and serve the University and the profession with internal and external service and maintain an active research agenda. Please submit a letter of application describing teaching and research interests, a curriculum vita, evidence of quality teaching, publication reprints, photocopies of all college transcripts, and three current letters of recommendation to the address below. DEC 06-352-1.

Apply: Dr. William Forbes, Geography Search Committee Chairperson, Department of Political Science, Geography, and Public Administration, P.O. Box 13045 SFA Station, Nacogdoches, TX 75962-3045. Office: (936) 468-2373; fax: (936) 468-2732; e-mail: forbesw@sfasu.edu.

Stephen F. Austin State University is an Equal Opportunity/Affirmative Action Employer. Security-sensitive position: criminal background check required for successful candidate.

***VIRGINIA, FAIRFAX 22030.** The Department of Earth Systems and GeoInformation Sciences (ESGS, <http://esgs.gmu.edu>) of George Mason University (GMU) invites applications for a tenure-track position at the **Assistant Professor** level beginning August 2007. PhD required at time of appointment. We seek dynamic candidates with expertise in **Earth Systems Science, GeoInformation Sciences (GIS, Remote Sensing and/or GPS), and/or numerical modeling**, and promising funding potential, complementing the existing strengths of the Department. Besides engaging in his/her dynamic research program, the successful candidate is expected to contribute in teaching in at least one of the Earth Systems Science/Global Change areas at both the undergraduate and graduate levels.

ESGS administers an MS in Earth Systems Science jointly offered with other academic units and offers a Ph.D. with four concentrations: geoscience, geography, remote sensing and GIS. Members of the department also belong to the Center for Earth Observing and Space Research (CEOSR, <http://ceosr.gmu.edu>), the largest research center at GMU with more than 60 research scientists covering a wide spectrum of research areas in Earth and space sciences, and related information sciences including space-related research, remote sensing, GIS and distributed information technology.

Interested candidates must complete the online application (go to <https://jobs.gmu.edu>, select "SEARCH POSTINGS" using the position number "F8922Z"). Other application material, including the application letter, curriculum vitae, names and contact information of at least three references, may be attached online or sent to the address below. DEC 06-356.

Apply: Zafer Boybeyi, Chair, Search Committee, Earth Systems & GeoInformation Sciences, MS 6A2, George Mason University, 4400 University Drive, Fairfax, VA 22030. The position will be open until filled. Screening of applicants will begin February 1, 2007.

George Mason University is an innovative, entrepreneurial institution with national distinction in a range of academic fields. Enrollment now tops 29,000, with students studying in 144 degree programs at campuses in Arlington, Fairfax, Loudoun, and Prince William.

George Mason University is an equal opportunity/affirmative action employer. Women and minority candidates are particularly encouraged to apply.

***VIRGINIA, FAIRFAX 22030-4444.** George Mason University, The Department of Geography invites application for **three tenure track positions**. All applicants must be conversant with GIS and interested in using this technology in their teaching. One position will be at the Associate Professor rank and one at the rank of Assistant Professor, the third may be at either rank depending on the qualifications and the suitability of the applicant. **Position 1** (job number 5706Z) is for a **geographer who will teach GIS** in the undergraduate and graduate programs. The department is expanding its course offerings and will open an additional computer classroom in fall 2007. There will be additional teaching support to meet student demand. **Position 2** (job number 8832Z) is for a **Human Geographer** who will teach Major World Regions. **Position 3** (job number 8831Z) is for a **Cartographer**, who will teach map design and construction in the Geographic and Cartographic Sciences (MS) program. Preference will be given to candidates with expertise in areas pertinent to the geography of rapidly expanding urban areas. Candidates with expertise in regional science, or area studies (Africa, SE Asia, Australasia) and/or GIS expertise supported by 3-D visualization skills and modeling are particularly

encouraged to apply. Candidates may offer any combination of these areas of expertise with the ability to meet the teaching responsibilities stated above. The department will look for candidates with proven ability to attract grants, build graduate programs and reach out to the local community.

The Department participates in inter-disciplinary Ph.D. degrees with the Departments of Earth Systems and GeoInformation Sciences, and the Department of Environmental Science and Public Policy, and Colleges of Education and Human Development, Liberal Arts and Human Sciences and The School of Public Policy. This is an exciting opportunity to work in the dynamic environment of Northern Virginia close to Washington D.C. in the nation's most diverse university.

Interested candidates should complete the online faculty application by going to <https://jobs.gmu.edu>, then to "search postings" by job number specified above. Send/mail other material including a letter of application relating your research interests, teaching profile, and service record to this position; current curriculum vitae; and the names and contact information for at least three referees to the address below. DEC 06-366.

Apply: Chair, Search Committee, Department of Geography, George Mason University, 4400 University Drive, Mail Stop 1E2, Fairfax, VA 22030. These positions will be open until filled. Salary will be appropriate to qualifications. Screening of applicants will begin February 1st 2007.

George Mason University is an innovative, entrepreneurial institution with national distinction in a range of academic fields. Enrollment now tops 30,000, with students studying in 148 degree programs at campuses in Arlington, Fairfax, Loudoun and Prince William.

George Mason University is an equal opportunity/affirmative action employer. Women and minority candidates are particularly encouraged to apply.

***VIRGINIA, FAIRFAX 22030.** George Mason University, School of Public Policy. The School of **Public Policy** at George Mason University invites applications for **two tenure-track assistant professorships** to begin in the fall of 2007. In public finance and budgeting, candidates should be able to teach economic analysis and budget politics in a global setting. In national security studies, candidates should be able to teach courses at the strategic and operational levels and may have an affiliation with our masters program in peace operations.

Successful candidates for either position must have a Ph.D. in hand by the end of the current academic year and demonstrate a commitment to academic research. Applications should also convey evidence of success in one or more of the following areas: scholarly publication, teaching at the professional or doctoral levels, external research funding, and non-academic professional experience relevant to the field of the search.

We seek applicants who are excited about working in the School of Public Policy's vibrant

interdisciplinary community of more than forty full-time faculty and teaching at the professional and doctoral levels. We enroll more than 850 students in five general and specialized professional masters' degree programs and about 150 candidates in a research-oriented Ph.D. program.

Located in Arlington and Fairfax, Virginia, just minutes from Washington, D.C., the School of Public Policy is the leading graduate school of its kind in the region and serves a wide range of students from across the country and around the world. The School of Public Policy faculty participate actively in research, much of it externally funded, at the local, regional, national, and global levels. For more information, please visit our website at policy.gmu.edu.

We will begin reviewing applications on November 15, 2006 and will accept them at the address below until December 31, 2006. Applications should include full curriculum vitae, graduate school transcript, letters of recommendation, and a writing sample to be sent to the address below. DEC 06-351-1.

Apply: Faculty Search Committee (2), School of Public Policy, MSN 3C6, George Mason University, 4400 University Dr., Fairfax, VA 22030. (We will not accept them via e-mail) George Mason University is an Equal Opportunity/Affirmative Action employer and is strongly committed to diversity within its community.

***VIRGINIA, RICHMOND.** Virginia Commonwealth University. The School of World Studies in the College of Humanities and Sciences at VCU is seeking applicants in four fields from which to fill **three full-time tenure-eligible faculty positions: China/Pacific Asia, Middle East, Transatlantic Migration and Material Culture Europe and Film.**

For detailed job descriptions and application process visit: <http://www.pubinfo.vcu.edu/facjobs/>.

Virginia Commonwealth University is an equal opportunity/affirmative action employer. Women, minorities and persons with disabilities are encouraged to apply.

DEC 06-365.

***VIRGINIA, RICHMOND 23284.** Tenure-track position: **Transportation Policy and Planning.** L. Douglas Wilder School of Government & Public Affairs, Virginia Commonwealth University.

The Wilder School of Government and Public Affairs invites applications for a tenure-track position (**rank open**) in Transportation Policy and Planning, commencing August 2007.

Qualifications: The successful candidate must have an earned doctorate in urban planning, public policy or a closely related field by the commencement of the appointment. Eligibility for membership in AICP preferred. Candidates must have a strong background in transportation policy and planning.

Duties: The appointee will be expected to teach primarily in the Urban & Regional Planning program, with possible additional teaching responsibilities in

the Homeland Security and Emergency Preparedness program. The appointee will be expected to develop a strong research program that is capable of attracting external funding and to actively engage with the transportation planning community in Virginia.

The Setting: Situated in the heart of Richmond, the capital of Virginia, our PAB-accredited Master of Urban & Regional Planning program serves both working professionals and full-time students. Our location in the state capital affords many opportunities for collaboration with state government agencies, such as the Virginia Department of Transportation, an agency with 9,300 employees and an annual budget of \$2.8 billion. Washington, DC is just 100 miles to the north – a quick train ride away.

The Urban and Regional Planning program is part of a dynamic, interdisciplinary school that also offers graduate programs in Public Administration and Criminal Justice and a planned master's in Homeland Security and Emergency Preparedness. We offer graduate certificates in Urban Revitalization, Historic Preservation, Geographic Information Systems, and Public & Nonprofit Management. We also offer joint programs with the University of Richmond's School of Law. VCU is the second-largest public university in Virginia, is ranked nationally by the Carnegie Foundation as a top research institution and enrolls nearly 30,000 students. Twenty of the University's graduate programs have been ranked as among the best of their kind.

Application Process: A letter of application, including a current CV, statement of teaching and research interests, evidence of teaching effectiveness, short writing sample, and at least three letters of reference should be sent to the address below. DEC 06-332.

Apply: Transportation Policy and Planning Search Committee, Dr. John Accordino, Chair, Search Committee, L. Douglas Wilder School of Government & Public Affairs, Virginia Commonwealth University, 923 West Franklin Street, Richmond, VA 23284-2028. Junior scholars should include a graduate transcript. Review of applications will begin on December 10, 2006 and will continue until a successful candidate is identified. Electronic submissions will not be considered. Salary will depend upon qualifications and experience. Virginia Commonwealth University is an equal-opportunity/affirmative-action employer. Women, minorities and persons with disabilities are encouraged to apply.

For Additional Information: Dr. John Accordino, jaccordi@vcu.edu, Phone (804) 827-0525, Fax (804) 827-1275. Web: <http://www.has.vcu.edu/gov>.

***WASHINGTON, TACOMA 98447. Visiting Assistant Professor Physical Geography/Geomorphology.** Pacific Lutheran University.

The Department of Geosciences and the Environmental Studies Program at Pacific Lutheran

University invite applications for a full-time 2-year visiting assistant professor in Geomorphology and/or Physical Geography to begin 1 September 2007. Over two years, teaching responsibilities will include (1) upper division Geomorphology and Cartography, (2) lower division Geologic Hazards, Meteorology, and Geology of National Parks, (3) an integrated Environmental Studies field course, and (4) mentoring senior capstone research projects. Summer research involving undergraduates is encouraged and competitively supported by the Division of Natural Sciences.

Commitment to effective teaching at the undergraduate level is required. Ph.D. is preferred. Pacific Lutheran University, near Seattle and Mount Rainier, enrolls 3700 students, with a mission of educating for lives of thoughtful inquiry, service, leadership, and care. It serves a diverse clientele and is a strongly EO/AA employer. See web site <http://www.plu.edu/~geos/>.

Send complete c.v., transcripts, statement of teaching philosophy, summary of research interests and three recommendation letters to the address below. DEC 06-353.

Apply: Search Committee, Department of Geosciences, Pacific Lutheran University, Tacoma, WA 98447. Application review begins 12/15/06.

***WISCONSIN, STEVENS POINT 54481.** University of Wisconsin-Stevens Point. The Department of Geography/Geology invites applications for **two tenure track assistant professor/instructor positions** to begin August 2007.

Position 1: Economic/Urban Geographer. Excellent opportunity to strengthen the department's option in Urban Planning. Successful applicant must have strong teaching and research interests in economic and urban geography. Position requires teaching an introductory course in economic geography and upper division courses in urban/economic geography, locational analysis, and urban planning. Emphasis is on quality undergraduate teaching. For more information visit <http://www.uwsp.edu/geo/openpositions/EcoUrbanGeographer.html>.

Position 2: Environmental Geographer. Excellent opportunity to strengthen the department's programs in Physical Geography, GIS, and Geoscience. Successful applicant must have strong teaching and research interests in environmental geography. Teaching responsibilities include introductory and advanced courses in environmental geography and introductory Geographic Information Systems (GIS). Emphasis is on quality undergraduate teaching. For more information visit <http://www.uwsp.edu/geo/openpositions/EnvironmentalGeographer.html>.

Ph.D. desirable; required for tenure. A Ph.D. is required for hiring at the assistant professor level, although candidates will be considered at the instructor level if they are Ph.D. candidates or the Ph.D. is pending. Scholarly activity and service required for retention and tenure. Salary dependent upon qualifications and experience. DEC 06-316.

To apply, submit a letter discussing qualifications, a statement of teaching and research interests, a curriculum vitae, copies of transcripts and three letters of reference sent by referees to: Keith Rice, Chair, Department of Geography/Geology, University of Wisconsin-Stevens Point, Stevens Point, WI 54481.

Application deadline is February 1, 2007. The University of Wisconsin-Stevens Point is an equal opportunity/affirmative action employer.

***WISCONSIN, WHITEWATER 53190.** University of Wisconsin-Whitewater. Tenure Track Assistant Professor beginning August, 2007. Ph.D. preferred; ABD considered. Prior teaching experience and demonstrated teaching ability preferred. The department seeks a Geographer with expertise in Applied GIS and Environmental Resource Planning/Policy. While the area of specialization is open, an emphasis in Water Resources Planning/Policy is desirable. The position is designed to complement our existing Applied GIS strengths in physical and economic geography.

The candidate will be expected to teach upper level GIS courses in area of specialty, to share introductory GIS course load, and to teach other courses in the area of her or his specialty that complement existing faculty offerings.

This position requires a strong commitment to undergraduate education. This includes contributing to the department's internship program and involving students in research activities. The successful candidate will have an active research agenda, seek external research funding, and publish scholarly articles.

UW – Whitewater is a comprehensive public regional university with an enrollment of 10,500 students. It offers high quality, career-oriented programs integrated with a model general education curriculum. The institution is part of the 26-campus, University of Wisconsin System. Whitewater is a community of 14,000 residents near the Kettle Moraine in southeastern Wisconsin. The Geography and Geology Department is housed in the newly renovated and expanded Upham Hall, which features state of the art research and teaching facilities including two dedicated GIS labs, a remote sensing lab, and two dedicated physical geography teaching labs. The position offers the opportunity to join and contribute to a vibrant undergraduate program with one of the largest number of geography majors in the UW-System University, according to the current AAG Guide to Programs in Geography in the United States and Canada.

Send letter of application highlighting interests, qualifications and experience, curriculum vitae, non-certified transcripts, and three letters of reference to the address below. DEC 06-357.

Apply: Dr. Howard Botts, Chair, Search Committee, Department of Geography & Geology. Voice 262-472-5271. Fax 262-472-5633. Email bottsh@uw.edu. Evaluation of applicants will begin on January 31, 2007 and continue until position is filled.

UW-Whitewater is an AA/EEO Employer, and actively seeks and encourages applications from women, people of color, persons with disabilities, and all veterans. Names of applicants may be disclosed unless requested otherwise. Names of finalists will be released.

***WISCONSIN, WHITEWATER 53190.** University of Wisconsin-Whitewater. Tenure Track **Assistant Professor** beginning August, 2007. Ph.D. preferred; ABD considered. Prior teaching experience and demonstrated teaching ability preferred. The department seeks a **Physical Geographer** with expertise that complements existing departmental strengths in climatology, dendroclimatology, and soil geomorphology. GIS proficiency is essential.

Teaching duties will include Physical Geography and upper level courses depending on areas of research and expertise. We seek someone to teach Applied GIS in Physical Geography. Ability and interest in teaching a regional course not currently covered by faculty, such as Europe, South America, Africa, or the Middle East, is desirable.

This position requires a strong commitment to undergraduate education. This includes contributing to the department's internship program and involving students in research activities. The successful candidate will have an active research agenda, seek external research funding, and publish scholarly articles.

UW – Whitewater is a comprehensive public regional university with an enrollment of 10,500 students. It offers high quality, career-oriented programs integrated with a model general education curriculum. The institution is part of the 26-campus, University of Wisconsin System. Whitewater is a community of 14,000 residents near the Kettle Moraine in southeastern Wisconsin. The Geography and Geology Department is housed in the newly renovated and expanded Upham Hall, which features state of the art research and teaching facilities including two dedicated GIS labs, a remote sensing lab, and two dedicated physical geography teaching labs. The position offers the opportunity to join and contribute to a vibrant undergraduate program with one of the largest number of geography majors in the UW-System University, according to the current AAG Guide to Programs in Geography in the United States and Canada.

Send letter of application highlighting interests, qualifications and experience, curriculum vitae, non-certified transcripts, and three letters of reference to the address below. DEC 06-358.

Apply: Dr. Peter Jacobs, Chair, Search Committee, Department of Geography & Geology. Voice 262-472-1082. Fax 262-472-5633. Email jacobsp@uww.edu. Evaluation of applicants will begin on January 31, 2007 and continue until position is filled.

UW-Whitewater is an AA/EEO Employer, and actively seeks and encourages applications from women, people of color, persons with disabilities, and all veterans. Names of applicants may be dis-

closed unless requested otherwise. Names of finalists will be released.

INTERNATIONAL

***CANADA, ONTARIO, HAMILTON L8S 4K1.** Tenure-Track Position at McMaster University, School of Geography and Earth Sciences.

The School of Geography and Earth Sciences at McMaster University invites applications for a tenure track position at the **Assistant Professor** level beginning July 1, 2007 in **Environment and Health** (. Environment and Health is a priority for the University, linked to McMaster's Collaborations for Health initiative (see).

The successful candidate must have a PhD in geography or a related field in hand at time of appointment. The applicant is expected to develop a strong program of externally-funded research in the human health-environment area. Experience in applying GIS/spatial analysis is an advantage. The applicant should have a strong commitment to undergraduate/graduate teaching and supervision.

All qualified candidates are encouraged to apply; however Canadians and permanent residents will be considered first for this position. McMaster University is strongly committed to employment equity within its community, and to recruiting a diverse faculty and staff. The University encourages applications from all qualified candidates, including women, members of visible minorities, Aboriginal persons, members of sexual minorities, and persons with disabilities.

The evaluation of candidates will begin on December 15, 2006 and will continue until the position is filled.

Applicants should send a cover letter outlining their research interests, a copy of their *curriculum vitae*, a brief teaching dossier including a statement of teaching philosophy (max. 2 pp.) and evidence of teaching effectiveness, contact information for three referees (address, phone number and e-mail) and copies of no more than three reprints or works in progress to the Chair of the search committee. Electronic applications will NOT be accepted. DEC 06-333.

Apply: Dr. Alan Dickin, Chair, Search Committee, School of Geography and Earth Sciences, Burke Science Building, room 235, McMaster University, 1280 Main Street West, Hamilton, ON L8S 4K1. Tel: (905) 525-9140, ext. 24365. Fax: (905) 546-0463. Email: .

***CANADA, ONTARIO, LONDON N6A 5C2.** **Urban Geographers**

The Department of Geography at The University of Western Ontario is seeking applicants for **two positions in Urban Geography, at the Associate** (tenured or probationary), **and/or Assistant** (probationary) **Professor levels**. The Department is looking for someone with research interests in areas of economic, social, or political aspects of urban systems. Candidates who can complement

Departmental and Faculty strengths are particularly encouraged to apply. Further information about the Department may be found at: <http://geography.ssc.uwo.ca>.

We seek an outstanding individual with demonstrated commitment to excellence in research and teaching. The candidate must have a PhD and a strong record of scholarly activity. The candidate should have an active research program and be capable of supervising graduate student research and teaching graduate and undergraduate students. The appointment will be effective July 1, 2007. The appointment is subject to final budgetary approval. Salary will be commensurate with experience. Applications, including a statement of research and teaching interests, current curriculum vitae and the names and addresses of three referees, together with their e-mail, fax and telephone numbers, should be sent to the address below. DEC 06-341-1.

Apply: Prof. Dan Shrubsole, Chair, Department of Geography, Social Science Centre, The University of Western Ontario, London, Ontario, N6A 5C2, Canada. Tel: (519) 661-3126; Fax: (519) 661-3750. Email: dashrubs@uwo.ca.

Closing date: 15 December 2006 or until position is filled. E-mailed applications will not be accepted.

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

***CANADA, ONTARIO, LONDON N6A 5C2.** **Health Geographer.**

The Department of Geography at The University of Western Ontario is seeking applicants for a position in Health Geography, at the **Associate** (tenured or probationary), or **Assistant** (probationary) **Professor levels**. The Department is looking for someone with health geography interests that links with existing areas of focus in the Department. Candidates who can complement Departmental and Faculty strengths are particularly encouraged to apply. Working relationships with organizations in relevant fields is also desirable. There are excellent opportunities for teaching and research collaborations with faculty members from other academic units who have an interest in a variety of health-related issues.

We seek an outstanding individual with demonstrated commitment to excellence in research and teaching. The candidate must have a PhD and a strong record of scholarly activity. The candidate should be capable of supervising graduate student research, teaching graduate and undergraduate students, and conducting research on development.

The appointment will be effective July 1, 2007. The appointment is subject to final budgetary

approval. Salary will be commensurate with experience. Further information about the Department may be found at: <http://geography.ssc.uwo.ca>. Applications, including a statement of research and teaching interests, current curriculum vitae and the names and addresses of three referees, together with their e-mail, fax and telephone numbers, should be sent to the address below. DEC 06-342-1.

Apply: Prof. Dan Shrubsole, Chair, Department of Geography, Social Science Centre, The University of Western Ontario, London, Ontario, N6A 5C2, Canada. Tel: (519) 661-3126; Fax: (519) 661-3750. Email: dashrubs@uwo.ca.

Closing date: 15 December 2006 or until position is filled. E-mailed applications will not be accepted.

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

CANADA, ONTARIO, TORONTO M5B 2K3. The Department of Geography (Faculty of Arts) at Ryerson University invites applications for a tenure-stream position (**rank open**) that will be cross-appointed to the Faculty of Business. A PhD (or equivalent) in Geography is required by the time of appointment (effective August 1, 2007). The position targets candidates with a specialization in the area of **Marketing with a specialization in Spatial Analysis and GIS**. It is expected that the successful candidate will take an active role in the research activities of the Centre for the Study of Commercial Activity (CSCA).

The Department of Geography offers an undergraduate program in geography leading to a Bachelor of Arts (BA) and a graduate program leading to a Master of Spatial Analysis (MSA), while the Faculty of Business is comprised of four schools in the areas of Business Management, Information Technology Management, Hospitality and Tourism Management and Retail Management. The Faculty of Business offers a Master of Business Administration (MBA) with a Retail and Commercial Development specialization that started in the fall of 2006.

Applicants must demonstrate a strong commitment to excellence in research and teaching. Demonstrated experience in establishing research partnerships with the private sector preferred. The successful candidate will be expected to teach at the undergraduate and graduate levels, contribute to the MSA and/or MBA through supervision and research, and to develop an active externally-funded research program.

Ryerson University is located in downtown Toronto, Canada and has 20000 undergraduate and 1000 graduate students in addition to 61000 continuing education registrations. For more

information about the Geography Department, the Faculty of Business and the University see <http://www.geography.ryerson.ca> and <http://www.ryerson.ca/fb/>.

Consideration of applications will begin on December 11, 2006, but the competition will remain open until suitable candidates are identified.

Applicants should submit a curriculum vitae, a statement of research and teaching interests, samples of recent publications, and the names and contact information (e-mail address and telephone number) of three references who may be contacted to the address below. NOV 06-266.

Apply: Dr. Shuguang Wang, Chair, Department of Geography, Ryerson University, 350 Victoria Street, Toronto, Ontario M5B 2K3. e-mail: swang@ryerson.ca. Please note applications by fax or e-mail are not acceptable.

Ryerson University is known for innovative programs built on the integration of theoretical and applied learning. More than 80 undergraduate and graduate programs are distinguished by a professionally focused curriculum and strong emphasis on excellence in teaching, research and creative activities. Ryerson is also a leader in adult learning, with the largest university-based continuing education school in Canada.

Ryerson University has an employment equity program and encourages applications from all qualified individuals, including Aboriginal people, persons with disabilities, members of visible minorities and women. Members of designated groups are encouraged to self-identify. All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority.

CANADA, ONTARIO, TORONTO. The Department of Geography, University of Toronto at Mississauga, invites applications for an **Associate or Full Professor** with expertise in **Remote Sensing**. The Department seeks a candidate with an international reputation and vision in the theory and application of remote sensing to research areas in physical geography such as (but not limited to) natural resources, land-use, and environmental or global change. The successful candidate will join a tri-campus Geography department with strengths and interdisciplinary links in both physical and human geography including hydrology, biogeography, environmental modeling, remote sensing/GIS and health. The candidate is expected to take up the position on July 1, 2007.

The appointment is at the University of Toronto at Mississauga (UTM), which has a strong interdisciplinary commitment, a multicultural student body, and a modern, spacious campus. The appointee will be well supported in their research and teaching initiatives by dedicated departmental geographic computing resources and an existing geospatial research cluster.

Strong participation in the UTM Geography undergraduate program with dynamic participa-

tion in the GIS degree stream is expected. The successful candidate will have a graduate appointment and graduate teaching responsibilities in the Department of Geography and Program in Planning, University of Toronto.

The successful candidate must have a Ph.D. in Geography or a related discipline, and demonstrated excellence in scholarly research, publication, and teaching. Additional information on the Department can be obtained online at <http://geog.utm.utoronto.ca/> and <http://www.geog.utoronto.ca>. Please send applications to the address below. NOV 06-259.

Apply: Professor Amrita Daniere, Chair, Department of Geography, University of Toronto at Mississauga, 3359 Mississauga Road North, South Building Room 3106, Mississauga, Ontario, L5L 1C6 CANADA. Applications should include a curriculum vitae, a statement outlining current and future research interests, examples of publications, and materials relevant to teaching experience. Applicants should also ask three referees to write letters directly to Professor Daniere. Materials must be received by December 15, 2006 (no email applications will be accepted). Any inquiries about the application should be sent to the Department Chair, Prof. Amrita Daniere, at geog_chair@utm.utoronto.ca.

The University of Toronto is strongly committed to diversity within its community and especially welcomes academic excellence and welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, members of sexual minority groups, and others who may contribute to the further diversification of ideas. We offer opportunities to work in many collaborative programs including Aboriginal, Canadian, environmental, ethno-cultural, sexual diversity, gender and women's studies. The University of Toronto offers the opportunity to teach, conduct research and live in one of the most diverse cities in the world. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

***CANADA, ONTARIO, WATERLOO N2T 1G3.** The University of Waterloo invites applications for a tenure-track position at the **Assistant or Associate Professor** level specializing in **Industry, Innovation and the Environment**. Preference will be given to applicants who have an ability to conduct research and teach in one or more of the following areas: industrial restructuring; location decisions; economic development; industrial ecology; environmental management systems and/or sustainable business. The successful candidate is expected to be a strong contributor to research and teaching at both the graduate and undergraduate levels. The successful candidate is expected to contribute to Faculty of Environmental Studies initiatives, in particular, the Master's Program in Local Economic Development and the Environment and Business Honours Program, and will be jointly

appointed to the Faculty and one of the three administrative units.

The Faculty of Environmental Studies consists of the Department of Environment and Resource Studies, the Department of Geography, and the School of Planning. There are additional graduate programs in Local Economic Development and in Tourism, and an undergraduate program in Environment and Business. For additional information see: <http://www.fes.uwaterloo.ca>.

The University of Waterloo has substantial capacity in industry, innovation and environment-related research with its Centre for Business, Entrepreneurship and Technology, interdisciplinary Business programs and the Accelerator Centre. See: <http://rtpark.uwaterloo.ca/realestate/accelerator.html>.

Applicants must have a Ph.D. In addition, practical experience in government, business or NGOs would be an asset. The appointment will be effective 1 July 2007. Applications must include: i) a curriculum vitae and the names (with contact information) of four referees; ii) a research statement outlining the applicant's approach and specific plans; and iii) a teaching portfolio summarizing the applicant's relevant experience and teaching philosophy. The first stage in the review of applicants will be based on the application documents. Referees will be contacted for those being considered in the second stage of the review. The

review of applications will commence on January 5th 2007 and continue until the position is filled.

Applications should be sent to the address below. DEC 06-329.

Apply: Paul Parker, Chair, Faculty Search Committee, Faculty of Environmental Studies, University of Waterloo, Waterloo, ON N2L 3G1, pparker@fes.uwaterloo.ca

The University of Waterloo encourages applications from all qualified individuals, including women, members of visible minorities, native persons, and individuals with disabilities. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. This appointment is subject to the availability of funds.

***CANADA, QUEBEC, MONTREAL.** Geography – McGill University. The Department of Geography invites applications for **two tenure-track positions** at the **Assistant Professor** level, beginning on August 1, 2007.

Health Geography: Health and its geographic, economic and cultural determinants is a priority interdisciplinary research area for the University (see <http://www.mcgill.ca/strategic/>). We seek applications from candidates with a wide variety of research interests but themes such as global health and infectious disease or access to health care

would be particularly complementary to existing research expertise. The successful candidate is expected to develop an externally-funded research program, embracing graduate student supervision and undergraduate teaching. There are excellent opportunities for collaboration within the Department and other units such as the Institute for Health and Social Policy, the School of Environment, the School of Dietetics and Human Nutrition, and the Department of Epidemiology and Biostatistics.

Urban Geography: We seek applications from scholars with a dynamic research program in urban geography that complements and extends our current strengths. The successful candidate is expected to develop an externally-funded research program, embracing graduate student supervision and undergraduate teaching and to play a leading role in the Urban Systems programs at McGill. There are excellent opportunities for collaboration within the department, with other units such as the School of Urban Planning, The Institute for the Study of Canada and the School of Environment, as well as other research institutions in the area.

McGill has a highly diverse student body in a culturally vibrant and cosmopolitan urban setting that offers a unique living experience. Information on McGill and the Department of Geography can be found at www.geog.mcgill.ca

The **School of Geography** (renamed from Department of Geography) of The University of Hong Kong is now inviting applications for the following two appointments as Professor/Associate Professor/Assistant Professor, tenable preferably from September 01, 2007 or as soon as possible thereafter, on a three-year fixed-term basis, with the possibility of renewal and consideration for tenure, or on a tenured basis for exceptionally outstanding candidates above Assistant Professor level. Candidates with the possibility of an imminent completion of the doctoral programme will be considered, but the appointee in that category would be appointed at a lower level until the PhD requirement has been met. Further information on the School is available at <http://geog.hku.hk>.

1. **Population & Migration Studies (Ref.: RF-2006/2007-202)**
2. **Tourism & Leisure (Ref.: FW-200612007-203)**

Applicants must have a PhD degree in either of the above-advertised fields or a closely related field, a strong tertiary teaching experience, and a sound track record of research grants and publication.

Applicants for the Population post should also have secondary expertise in geography of health and disease or social and political geography and a focus on China including Hong Kong. The appointee is expected to strengthen the School's teaching and research with emphasis on one or more of the following key subfields: population growth and mobility, migration, human resource development, medical and health care, the relationship between disease and place, social or political geography, and the formulation of related policies.

Applicants for the Tourism post are expected to strengthen the School's teaching and research in Tourism and Leisure with a particular focus on China in one or more of the following key subfields: Tourism Planning and Destination Management, China Tourism Development and its Global Impacts, Ecotourism and Sustainable Development, Tourism Economics, Tourist Behavior and Consumer Psychology.

Starting annual salaries for Professorship, Associate Professorship and Assistant Professorship are around HK\$803,700, HK\$593,100 and HK\$451,980 respectively (approx. US\$1=HK\$7.8) (subject to review from time to time at the entire discretion of the University). At current rates, salaries tax does not exceed 16% of gross income. The appointments will attract a contract-end gratuity and University contribution to a retirement benefits scheme, totalling up to 15% of basic salary, as well as leave, and medical/dental benefits. Housing benefits will be provided as applicable. The **closing date of applications for both posts is 31 January 2007**.

Further particulars and application forms (2721302 amended) can be obtained at <https://extranet.hku.hk/apptunit/>; or from the Appointments Unit (Senior), The University of Hong Kong, Hong Kong (**Fax** (852) 2540 6735 or 2559 2058; **E-mail:** apptunit@hkucc.hku.hk). Applicants should strictly follow the application procedures and state the post reference number in their applications. The University reserves the right not to fill any of the posts listed.

Applicants must possess a PhD or expect to graduate by summer 2007, and have demonstrated excellence in research, teaching and communication. Salary will be commensurate with qualifications and experience.

The Department encourages applications from qualified women and men, visible and other minorities, aboriginal people, and persons with disabilities. In accordance with Canadian immigration requirements, this advertisement is directed in the first instance to Canadian citizens and permanent residents of Canada. McGill University is committed to equity in employment.

Candidates should ensure their curriculum vitae, statements of teaching specializations and research interests, up to three reprints, and the names and contact details of three referees, are received before December 15, 2006 at the address below. DEC 06-312-1.

Apply: Dr. Tim Moore, Chair, Department of Geography, McGill University, 805 Sherbrooke St. West, Montreal, Quebec, Canada, H3A 2K6.

Phone: 514 398-4114. Fax: 514 398-7437. E-mail: recruit@mcgill.ca.

***UNITED KINGDOM, OXFORD.** University of Oxford, Oxford University Centre for the Environment, School of Geography. **University Lecturership in Human Geography** in association with an Official Fellowship at St Peter's College.

Applications are invited for the post of University Lecturership in Human Geography in the School of Geography, to be filled from no later than 1st July 2007 or as soon as possible thereafter. The University salary will be on the Oxford lecturer scale (details available in the further particulars). The successful candidate will be offered a Tutorial Fellowship in Geography at St Peter's College. The combined university and college salary will be on a scale up to £50,589. Any additional emoluments are described in the further particulars which are downloadable from the website address: <http://www.admin.ox.ac.uk/fp>, and which all applicants are asked to consult.

Applicants should have a strong record of research and publication related to one of the School's human geography research clusters, which are concerned with Spaces of Globalisation and Technologies of Life and Ecology. Fuller details of

these research clusters are given in the further particulars or at <http://www.ouce.ox.ac.uk/>. The post-holder will be required to contribute to the teaching for undergraduate and postgraduate courses within the School of Geography, and will be responsible for undergraduate teaching and other forms of tutorial work in Geography within the College.

Candidates who wish to do so may contact the Head of the Oxford University Centre for the Environment, Professor Gordon L Clark, at gordon.clark@ouce.ox.ac.uk.

Applications (*eight* copies except from candidates overseas who need send only one), including a *curriculum vitae*, a list of principal publications, and the names of two referees, should be sent to the address below. DEC 06-374-1.

Apply: Professor Gordon L Clark, Head, Oxford University Centre for the Environment, School of Geography, South Parks Road, Oxford, OX1 3QY, for receipt no later than 5 January 2007. Please note that electronic applications will NOT be accepted.

The Oxford University Centre for the Environment's website is: <http://www.ouce.ox.ac.uk>. ■

Award Deadlines

DECEMBER

1. AAG Anderson Medal.
1. James Blaut Award and Memorial Lecture. www.neiu.edu/~scgsg/.
4. American Institute for Sri Lankan Studies Fellowships. www.aisls.org.
15. CaGIS Scholarships. www.cartogis.org/awards/scholarship/.
31. NSF Alan T. Waterman Award. www.nsf.gov/od/waterman/waterman.jsp.
31. EPA P3 Grants. www.epa.gov/P3.
31. AAG Research Grants and Dissertation Research Grants.
31. AAG IGIF Student Travel Grant, Student Paper Award, and Graduate Research Award.
31. AAG George & Viola Hoffman Award.
31. AAG Anne U. White Fund.
31. AAG Jackson Prize.
31. AAG Meridian Book Award and Globe Book Award.
31. AAG Glenda Laws Award.
31. AAG Meredith F. Burrill Award.

2007

JANUARY

8. Toyota International Teacher Program in Japan. www.iie.org/toyota.
9. NSF Ecosystem Research Grants. www.grants.gov/search/search.do?mode=VIEW&oppld=10704.
15. New York State Archives Awards. www.nysarchivestrust.org.
17. NFLP Fellowships. www.iie.org/programs/nsep/flagship/default.htm.
30. Boren Fellowships. www.iie.org/programs/nsep/flagship/default.htm.

FEBRUARY

1. SWG National Fellowship for Dissertation Research Competition. Contact Ruth I. Shirey at rishirey@iup.edu.
1. SWG National Minority Fellowship Program. Contact Ruth I. Shirey at rishirey@iup.edu.
1. U.S. Community Forestry Research Fellowships. www.cnr.berkeley.edu/community_forestry/.
1. SSSP Racial/Ethnic Minority Graduate Scholarship. www.sssp1.org.

1. IGERT "Water in the Urban Environment" Fellowship at UMBC. www.umbc.edu/cuere/igert/.
13. Boren Scholarships. www.iie.org/programs/nsep/undergraduate/default.htm.
20. Holberg Prize. www.holbergprize.no.
20. Places OnLine best website nominations. www.placesonline.org/about/2006award.asp.
28. Founder's and Patron's Medals of the RGS/IBG. www.rgs.org/AboutUs/Medals+and+Awards/Medals+and+Awards.htm.

MARCH

15. NCGE Miller Grants for Research in Geographic Education. www.ncge.org/resources/awards.

JUNE

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

For a summary of all AAG grants and awards, visit www.aag.org/grantsawards/index.cfm.

**2006
DECEMBER**

11-15. American Geophysical Union Meeting. San Francisco, CA. www.agu.org/.

**2007
JANUARY**

9-11. ESRI Federal User Conference. Washington, D.C. www.esri.com/events/feduc/index.html.

14-18. American Meteorological Society Annual Meeting. San Antonio, TX. www.ametsoc.org/meet/meetinfo.html.

FEBRUARY

1-2. NCSE's 7th National Conference on Science, Policy, and the Environment. Washington, D.C. www.ncseonline.org/2007conference/.

17. AAG Dedication of Brick Walkway Honoring Donors. Reception to follow. 4:00-6:00 pm. AAG Meridian Place Central Office, Washington, D.C.

MARCH

16-18. California Geographical Society Annual Conference. Borrego Springs, CA. www.csun.edu/~calgeosoc/.

28-31. 9th Crime Mapping Research Conference. Pittsburgh, PA. www.ojp.usdoj.gov/nij/maps/pittsburgh2007/index.html.

29-30. Towson University GIS Conference. Towson, MD. <http://cgis.towson.edu>.

29-30. 38th Annual South Dakota State Geography Convention. Brookings, SD. www3.sdstate.edu/academics/collegeofartsandscience/geography/index.cfm.

29-31. Southern Regional Science Association Meeting. Charleston, SC. www.regionalscience.org/srsa/conferencesub.htm.

APRIL

17-21. AAG Annual Meeting. San Francisco, CA. www.aag.org.

23. 15th International Conference on Modeling, Monitoring, and Management of Air Pollution. Algarve, Portugal. www.wessex.ac.uk/conferences/2007/air07/index.html.

MAY

7-11. ASPRS Annual Conference. Tampa, FL. www.asprs.org/meetings/calendar.html.

10-12. American Council of Learned Societies. Montréal, Québec, Canada. www.acls.org/mor-am.htm.

21-26. Geography in the Americas: Collaboration on Research and Education. La Serena, Chile. www.aag.org.

29-June 2. Canadian Association of Geographers Annual Meeting. Saskatoon, Saskatchewan, Canada. www.usask.ca/geography/cag2007.

31-June 3. Conference of Latin Americanist Geographers 2007. Colorado Springs, CO. Contact Eric Perramond (perramond@yahoo.com) or John Harner (jharner@uccs.edu).

JUNE

18-21. Seventh International Conference on Military Geology and Geography. Québec City, Québec, Canada. <http://icm2007.geographic.ulaval.ca/>.

18-22. ESRI User Conference. San Diego, CA. www.esri.com/events/uc/index.html.

22-24. The Monticello Symposium on Geography and the Humanities. Charlottesville, VA. www.aag.org/humanities.

25-28. Second Global Conference on Economic Geography. Beijing, China. <http://courses.nus.edu.sg/course/geoywc/conference/econgeog.html>.

JULY

8-13. 22nd International Conference on the History of Cartography. Berne, Switzerland. www.ichc2007.ch.

18-21. Sixth Quadrennial Conference of British, Canadian, and American Rural Geographers. Spokane, WA. www.ewu.edu/ruralgeography.

21-25. Soil and Water Conservation Society Annual Meeting. Tampa, FL. www.swcs.org/index.cfm.

AUGUST

10-12. Society for the Study of Social Problems Annual Meeting. New York, NY. www.sssp1.org.

18-23. Ninth Asian Urbanization Conference. Chun-cheon City, Republic of Korea. www.ship.edu/~aura.

20-23. URISA 2007 Annual Conference. Washington, DC. www.urisa.org.

29-31. RGS-IBG Annual International Conference 2007. London. www.rgs.org/ac2007.

SEPTEMBER

10-17. Dissertation Initiative for the Advancement of Climate Change Research III Symposium. Hawai'i Island. <http://aslo.org/phd.html>.

21-22. AAG Great Plains-Rocky Mountain Division Meeting. Denver, CO. <http://geography.uncoedu/GPRM/>.

OCTOBER

17-20. AAG Pacific Coast Division Meeting. Long Beach, CA. www.csus.edu/apcg/index.html.

NOVEMBER

12-15. American Water Resources Association Annual Conference. Albuquerque, NM. www.awra.org/meetings/.

18-20. AAG Southeast Division Meeting. Charleston, SC. www.geography.vt.edu/sedaag/.

2008

15-20. April. AAG Annual Meeting. Boston, MA. www.aag.org.

2009

22-26. March. AAG Annual Meeting. Las Vegas, NV. www.aag.org.

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