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## Enloe Named Honorary Geographer

Cynthia Enloe, one of the leading feminist thinkers in North America and an internationally renowned scholar, has been selected as the Association's 2003 Honorary Geographer. Enloe has had a profound influence on feminist and political geography. Her analyses of state practices and international politics as gendered processes of place-making provide substantial and compelling evidence of her deep and abiding appreciation of geographic perspectives. Her work has addressed innovative approaches to politics, feminism, and militarism at multiple scales. In support of her nomination for the award, Lynn Staeheli said, "Cynthia Enloe's work has been a touchstone for many of us who study political geography and feminist geography."



Enloe

Enloe is currently a professor in the Department of Government at Clark University.

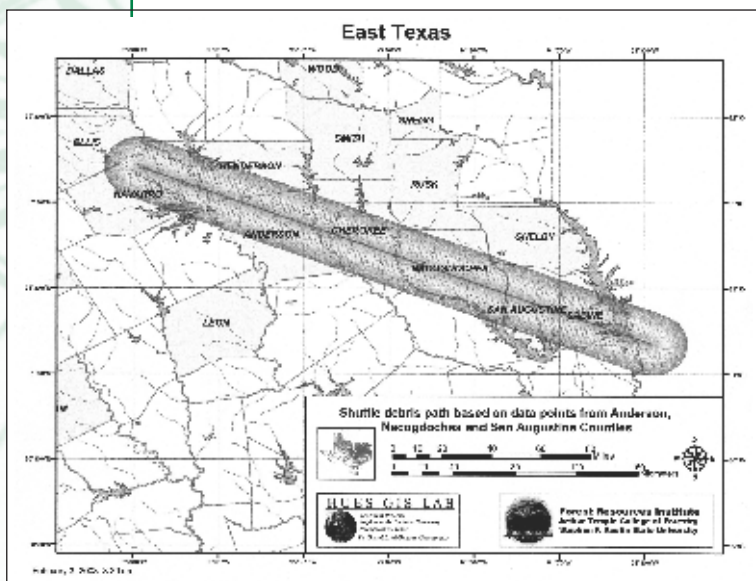
Her numerous publications include *Bananas, Beaches, and Bases: Making Feminist Sense of International Politics* (1989), *The Morning After: Sexual Politics at the End of the Cold War* (1993), and *Maneuvers: The International Politics of Militarizing Women's Lives* (2000). She has been honored many times for her excellence in teaching, has served on the committees of many geographers, and has often acted as reviewer for geography manuscripts.

The AAG annually selects an individual as that year's AAG Honorary Geographer. The award recognizes excellence in research, teaching, or writing on geographic topics by non-geographers. Past recipients are Stephen Jay Gould, Herman Daly, Calvin Trillan, John E. Gould, and John McPhee ■

## Mapping the Columbia Shuttle Debris

Geography students and faculty at Stephen F. Austin State University (SFASU) recently participated in efforts to map the

debris field left by the former space shuttle Columbia. About 50 students, faculty, alumni, and friends of the HUES GIS lab run by Dr. Darrel McDonald and the Forest Resources Institute (FRI) lab, assembled shortly after the calamitous explosion of 1 February with GPS/GIS units in hand, to help map the shuttle fragments spread around the east Texas town of Nacogdoches. Undergraduate students were excused from their regular classes for several days to help with the search and mapping. A map of the debris band, generated within 8 hours of the explosion, was put together by P.R. Blackwell and Jeff Williams at the FRI lab, and was used in search and recovery projects. The map was also used in an article run by the *New York Times* on 3 February 2003. Geographers at SFASU are part of the Department of Political Science and Geography, founded in 1931. ■



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Douglas Richardson, Publisher  
Amy Jo Woodruff,  
Director of Publications  
Heather M. Baker, Editor  
Megan D. Nortrup,  
Editorial Assistant  
AAG Voice 202-234-1450  
AAG Fax 202-234-2744  
newsletter@aag.org  
www.aag.org

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## Geography is Key Player in NSF 10-Year Outlook

The National Science Foundation's remarkable new report, *Complex Environmental Systems: Synthesis for Earth, Life and Society in the 21st Century*, establishes a tone and direction at NSF that should be very encouraging to geographers. Subtitled "A 10-Year Outlook for the National Science Foundation," the report is a clarion call for a greater emphasis on integrative science, collaboration between the natural and social sciences, "regional and place-based" approaches, and the importance of "spatially explicit information" in science and research.

The report echoes key perspectives and research themes in geography in its plan for increased emphasis on three inter-related areas: (A) coupled human and natural systems; (B) coupled biological and physical systems; and (C) people and technology, as a means "to advance the fundamental knowledge necessary to address critical environmental challenges."

NSF also acknowledges in its 10-year outlook the centrality of the revolutionary new geographic technologies that are now transforming scientific research well beyond geography: "Spatially explicit information in increasingly compatible formats and scales is now becoming available to researchers from the natural and social sciences. This is creating new opportunities for collaboration among scientists and engineers, the potential to move across disciplinary boundaries, and even the prospect of developing entirely new methodologies and fields of knowledge. These new instrumentation, data-handling, and methodological capabilities have expanded the horizons of what we can study and understand about the terrestrial, freshwater, marine, and sedimentary environments, the atmosphere, and

near-Earth environments in space. These tools are helping us address long-standing scientific questions as well as issues of immediate societal concern."

To meet these complex challenges as well as urgent human needs, the report notes, we need to develop an environmen-

tal synthesis to frame integrated interdisciplinary research questions and activities and to merge data, approaches, and ideas across spatial, temporal, and societal scales. It is clear from the language above that geographers have played important roles in working with NSF to provide insight and assistance during the devel-

opment of this landmark study and report. David Skole of Michigan State University served on the NSF Advisory Committee for Environmental Research and Education (AC-ERE), which was charged with developing the strategy, and David will now assume the chairmanship of this committee during the crucial initial implementation stages of the report's recommendations. AAG staff and NSF Geography and Regional Science program staff also provided input and comments on the study as it evolved. Examples of model research by several geographers, including Will Graf and Timothy Nyerges, were also featured prominently in the report.

In addition to research, the NSF 10-year outlook also addresses education and outreach, stressing the critical need for quality undergraduate and graduate programs that can create a next-generation workforce capable of bridging multiple disciplines and working collaboratively in teams. "While synthesis of data and ideas has historically occurred within disciplines, integrated synthesis

*Continued on page 4*



Richardson

## Musings from the Hills of West Virginia

As I begin this column, we are experiencing one of those major snowstorms in West Virginia and throughout the Northeast that people will refer to for years to come. Yet, by the time this column reaches you I am hopeful (as are others weathering this long winter) that there will be signs of spring on the horizon and nature will begin to burst forth in its various forms. As I look out from my office at the snow covered hills and the partially frozen Monongahela River, I want to reflect on some of the recent positive happenings relative to the Association and geography, as well as some of my recent readings that are relevant to our discipline.

In my July 2002 column I wrote about the value of the AAG as a professional organization, and among other points, I addressed my concerns about the erosion of our membership base. I have made an effort through my comments at regional meetings (as well as my challenge to the regional divisions and regional councillors to increase their membership bases), through my other communications, and through the appointment of a membership committee to begin to address this concern. I am pleased to report that individual memberships have increased by 9.4% to over 7,100, and that, plus library and institutional memberships, puts the AAG's total membership at over 8,000. I congratulate those in the New England-St. Lawrence Valley region for the largest percentage increase in membership (over a 100% increase), and the Pacific Coast region for the largest absolute increase in membership to the AAG. Every region but one experienced a growth in membership. Despite this positive trend, there is still work to be done in broadening our membership and strengthening the overall sustainability of our membership base.

As you are aware from my column last month, the AAG has initiated a major centennial fundraising campaign to strengthen opportunities for advancing geography on a variety of fronts. I realize that this is a difficult time to start a major

fundraising effort (given our slow economy and budget shortfalls in many states), yet our membership is already responding in positive ways. By the time this newsletter reaches you I am confident we will have over \$200,000 in commitments toward this effort. Thanks to each of you who have already responded to this important need as we work to ensure the vitality of geography during the AAG's second hundred years.

Speaking of our centennial, I encourage our specialty groups to submit information on the history and developments of their groups to Donald Dahmann (ddahmann@yahoo.com), for inclusion in the Geography Timeline. The Timeline will be an important part of the AAG's and geography's historic record as we celebrate our centennial and beyond.

I wonder how many of you are aware that Gamma Theta Upsilon (GTU), the international geography honor society, had its jubilee celebration at the AAG Annual Meeting in New Orleans. The impact this 75-year old organization has had on the discipline and its students is significant. Despite Americans' hesitancy to join formal associations, there are still over 100 active chapters of GTU that serve as important centers for encouraging superior scholarship and leadership achievement in geography. Many such chapters sponsor visiting lecturers and field trips, and serve as an important locus for geography student communication across the campus community. I was proud that our local chapter at West Virginia University sponsored (with some help from the Dean's Office) 13 students to attend the AAG Annual Meeting in New Orleans. I congratulate all who have played some role in advancing GTU internationally as yet another way to continue advancing geography.



Nellis

From a couple of my recent readings, it is clear that geography is positioned to gain a more prominent role in the future research agenda of the National Science Foundation. "Complex Environmental Systems: Synthesis for Earth, Life, and Society in the 21st Century," is a 10-year outlook for the National Science Foundation (NSF) that was recently

developed by the NSF Advisory Committee for Environmental Research and Education (to obtain a copy of the report send an e-mail to [ere-info@nsf.gov](mailto:ere-info@nsf.gov) with your name and address). The report recommends increased focus on three interrelated areas: coupled human and natural systems; coupled biological and physical systems; and people and technology. Elaborations related to these areas clearly articulate how important geography is and will continue to be in addressing these subjects within enhanced research agendas. Geographers need to be poised to seize these new opportunities and the associated increase in investments that will accompany them.

In 2002, the Boyer Commission published "Reinventing Undergraduate Education: Three Years After the Boyer Report (for the complete report see <http://www.sunysb.edu/pres/0210066-Boyer%20Report%20Final.pdf>)." The report was based on a national survey of 123 research universities that measured progress universities have made on the Commission's 1998 recommendations. Although there were several recommendations in the original report, three themes were prominent—the need for research-based learning and enhanced inquiry based learning, and the development of a capstone experience. Based on discussions with many geographers around the country and in my own experiences as an external reviewer for geography programs nationally, it is clear that geography is engaging students in ways

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across disciplines is a relatively new and evolving frontier," the report states. "An integral part of this approach is the collection of environmental information across spatial, temporal, and organizational scales and the effective communication of this knowledge to and among researchers, educators, students, resource and industrial managers, policy makers and the public." Disciplinary fields of study will of course remain important, and new interdisciplinary programs will develop, but tomorrow's scientists will need to be prepared to contribute effectively to collaborative teams that include researchers with many disciplinary backgrounds, resource managers, and policy makers. "Faculty members will be called on to partner across institutional boundaries to develop innovative programs that provide a continuous route of advancement for students."

In her comments on new developments at the horizons of science at the recent National Council for Science and the Environment conference, in which the AAG participated, NSF Director Rita Colwell observed that, "Discovery and

innovation are the heart and soul of the scientific endeavor. Although the details may not be clear, we can still discern the shape of the landscape that's ahead. Our new information and communication technologies have transformed the very conduct of research, helping us to handle huge amounts of data, enabling new ways to communicate and collaborate around the globe....To the traditional methods of theory and observation, we now have the added sophisticated modeling and simulation techniques that allow us to probe the complexities and the dynamics of environmental systems at all levels. Increasingly, we're able to predict some of the consequences of environmental change."

However, as the NSF 10-Year Outlook also pointed out, "Imagination, diversity, and the capacity to adapt quickly have become essential qualities for both institutions and individuals, not only to facilitate research, but also to ensure the immediate and broad-based application of research results to the environment." NSF's outlook for the next decade reflects significant opportunities

for both geography's traditions and its recent innovations, not only for greater funding for geographic research from NSF, but also for greater contributions to the needs of society, provided we can move forward quickly and surely and creatively enough to realize the potential now before us. ■

Doug Richardson  
drichardson@aag.org

Copies of the NSF report cited above are available by contacting [ere-info@nsf.gov](mailto:ere-info@nsf.gov).

Continued from page 3

that address these three themes. Many geography lab experiences and advanced classes, for example, are research based, and although field work at the undergraduate level has diminished in many geography programs, where it does occur, students have wonderful experiences that often benefit them in ways central to the recommendations of the Boyer Commission. Based on feedback to the survey, the Commission recognizes the need for more faculty, smaller class sizes, and greater incentives for faculty in supporting undergraduate teaching at research universities. Although the latter of these is clearly being addressed at research universities and has frequently been important in large geography programs at major universities nationally, with the current budget crisis, we are all, unfortunately, being forced to teach more with fewer resources.

Geography and our Association continue to make progress on various fronts, and the opportunities for strengthening geography remain extensive. I welcome your thoughts on any of these musings. ■

M. Duane Nellis  
dnellis@wvu.edu

## "Doing Fieldwork" to be Reprinted

"Doing Fieldwork," the special double issue of the American Geographical Society's *Geographical Review* (Vol. 91, Nos. 1 and 2), is being reprinted. The original printing of the issue, which came out in late 2001, was unusually large. Despite that, greater-than-anticipated sales of the issue have almost depleted the original printing. That has made it necessary to print an extra run to meet continuing demand. The fresh supply is expected in AGS offices in late March. Instructors ordering classroom quantities are apparently using the volume as a supplementary text, especially for classes in fieldwork methods.

"Doing Fieldwork," co-edited by GR Editor Paul Starrs and guest editor Dydia

DeLyser, contains 56 essays by geographers about their fieldwork experiences and their views of the role of fieldwork in the life of the geographer. One reviewer has described these as "mini case studies" of the issues bound up in the fieldwork experience. A four-and-a-half page introduction by the editors asserts the indispensability of fieldwork for the true geographical scholar and celebrates the remarkable variety of paths fieldwork research can take.

The 508-page volume sells for \$39.00 plus shipping and handling. There are discounts for bulk purchases. For ordering information, contact James W. Thomas at 212-422-5456 or by email at [JWThomas@amergeog.org](mailto:JWThomas@amergeog.org). ■

## Online Center for Global Geography Education Seeks Authors

Geographers with interests in international education are invited to participate in a project to develop an online Center for Global Geography Education. Michael Solem is directing the project in collaboration with the Association of American Geographers, the Grosvenor Center for Geographic Education, the International Geographical Union, the International Network for Learning and Teaching, and the National Council for Geographic Education. Funding for the project is being provided by the National Science Foundation.

At this time, the project director is seeking authors for a planned series of modules designed to promote online international collaborative learning and

inquiry. Potential module topics include population and resources, gender and human rights, development, global climate change, natural hazards, nations and nationalism, global economy, health and disease, and urban growth. The modules will be developed for use in undergraduate geography courses and will be disseminated internationally through the World Wide Web.

The project grant includes funds to hire six faculty authors, three of whom will be affiliated with higher education institutions outside of the United States. Authors will collaboratively write and test one module and will each receive an honorarium and full travel support to attend the 3rd Grosvenor Center International

Conference on Research in Geographic Education, 22- 24 May 2003 in San Marcos, TX.

For additional information, links to prototype learning materials, and a downloadable application for module authors, please visit the project website, <http://www.swt.edu/~ms32/CGGE/index.html>. Applications must be received no later than 31 March 2003 and should be sent to Michael Solem, Department of Geography, Southwest Texas State University, San Marcos, TX, 78666-4616, fax: 512-245-8353, e-mail: [michael.solem@swt.edu](mailto:michael.solem@swt.edu). Faculty will be notified of their application's status by 15 April 2003. ■

## AAG Life Membership for Retirees

At the 1997 Annual Meeting in Ft. Worth, the Council of the AAG made two decisions of special interest to retirees and those approaching retirement. One decision established a category of Retired Life Membership. That decision was well received, and in the initial year twenty-one retirees availed themselves of Retired Life Membership. Retirees may currently obtain a Retired Life Membership in the AAG by a one-time contribution of \$1,210 to the AAG Development Fund. The Retired Life Membership contribution is 50% of the cost of a Regular Life Membership in the AAG, but it is adjusted proportionately as and when general membership dues are adjusted. A second decision granted the Retired Geographers' Organization (RGO) the status of Affinity Group; currently the RGO is under the leadership of Chuck Bussing. Retired Life Membership and the RGO together offer

retirees the opportunity to continue to contribute financial support, time, talent, and expertise to the Association.

When a retiree opts for Retired Life Membership in the AAG, the contribution is not used for day-to-day operations of the Association, but it becomes part of the Development Fund portfolio to assure the AAG's long-term stability and viability. Retirees, whose careers were dedicated to geography, thus have an avenue to enhance the vision and help secure the future of the discipline and the Association.

The contribution of \$1,210 for AAG Retired Life Membership carries a noteworthy additional benefit: a portion of the amount may be tax-deductible. At retirement, payment of dues for AAG membership may no longer be considered part of professional career expenses. To qualify for Retired Life Membership one must be at least 60 years age, have an

uninterrupted period of at least five years membership in the AAG immediately preceding retirement, and be retired from one's principal career, even though one may be teaching, consulting, or otherwise engaged part-time. Retired Life Membership affords all the benefits enjoyed by regular membership. For additional information about Retired Life Membership and fostering the future of the AAG, contact Robert Andelman, AAG Membership Coordinator, at [randelman@aag.org](mailto:randelman@aag.org) or 202-234-1450. ■

Donald E. Vermeer  
California Polytechnic State University  
[slocscape@aol.com](mailto:slocscape@aol.com)

## America's Wetland: New Orleans Notes

As geographers traveled to New Orleans for the 2003 AAG Annual Meeting, many observed firsthand one of the city's most striking characteristics: it is surrounded by water. Whether you approach from the north across the 24-mile span of Lake Pontchartrain, from the west across the swamps of the Atchafalaya Basin and the lowlands of the "river parishes" of St. James, St. John, and St. Charles, from the south across the fertile marshes and swamps of the Barataria-Terrebonne National Estuary, or from the east past the curving Chandeleur and Breton island chain, Lake Borgne, and the marshes of St. Bernard Parish, the city of New Orleans exists in a region where "high land" is both relative and scarce. What we call high land rises to about 15 feet above sea level and is located along the natural levees of our major rivers and bayous, including the Mississippi River, Bayou Lafourche, and Bayou Teche.

Move away from the natural levee, and you encounter lower and lower elevations; dry land first gives way to the forested wetland of the swamp and, as elevation decreases further, to the grassy wetland of the marsh. Open water dominates areas where standing water is too deep or too salty for even the hardiest marsh vegetation to grow. While engineers and developers drained many of the city's wetlands during the 20th century (including the site of Louis Armstrong-New Orleans International Airport), the expanse of swamp and marsh that flanks the metropolitan area and extends 200 miles west to the Texas border is an amazing survivor. Plagued by subsidence, starved of sediment by levees, and carved with canals for navigation and oil and gas exploration, Louisiana's coastal zone still remains a

productive, working wetland that is intimately linked to both New Orleans' and the state's culture, economy, and well-being. The abundance and variety of seafood offered by area restaurants bear witness to this linkage, as does the fact that New Orleans has not yet been obliterated by a hurricane. Nevertheless, Hurricane George in 1998, along with two storms this past season, Isidore and Lili, caused great concern due to the deterioration of marshes that once provided a protective buffer for the city. (For more on the value of wetlands for hurricane protection, see the excellent article "Drowning New Orleans" in *Scientific American*, October 2001.)

In addition to being an integral part of the Louisiana and New Orleans experience, the state's coastal region is also "America's Wetland." One of the most productive ecosystems on the continent, Louisiana's coast contains 25 percent of the United States' coastal wetlands and 40 percent of contiguous states' saltwater marshes. These areas produce approximately 17 percent of the nation's oil and 25 percent of its natural gas, while additional imported oil flows to refineries through pipelines beneath the Gulf of Mexico and adjacent wetlands. Fishermen, shrimpers, crabbers, and oyster harvesters haul in between 1 and 1.5 billion pounds of fish and shellfish annually, accounting for 25-35 percent of the nation's total catch. Not surprisingly, four of the top ten U.S. fishing ports (by volume) are in coastal Louisiana. These wetlands are also the gateway to four major cargo ports, including the Port of New Orleans, that together handle approximately 20 percent of the country's foreign waterborne trade. While the wetlands in summer nurture the next generation of

fish and shellfish and provide ports and cities with protection from storm surges, in winter they shelter millions of ducks and geese that have migrated south along the Mississippi and Central Flyways. (Coalition to Restore Coastal Louisiana, *No Time to Lose: Facing the Future of Louisiana and the Crisis of Coastal Land Loss* [Baton Rouge: The Coalition, 2000]; the report is available on the organization's website, [www.crcl.org](http://www.crcl.org).)

Unfortunately, America's Wetland is losing approximately 25-35 square miles of land each year, as forested and grassy wetlands become open water. What can you do? I have two suggestions. First, enjoy our swamps and marshes while you can. For visitors who have transportation and prefer self-guided trips, wetland access is available at the Barataria Preserve Unit of Jean Lafitte National Historical Park and the Bayou Sauvage National Wildlife Refuge, both within an hour's drive of New Orleans, as well as along the southern section of LA Highway 1 (head for Grand Isle), a two hour journey. Second, spread the word about America's Wetland to your friends, students, and legislators. It will take an estimated \$14-15 billion dollars to address the problem of coastal land loss in Louisiana, and the state will require federal assistance to implement its proposed strategy, the Coast 2050 Plan. For more information on efforts to restore Louisiana's coastal wetlands, visit the following websites: [www.americaswetland.com](http://www.americaswetland.com), [www.crcl.org](http://www.crcl.org), [www.lacoast.gov](http://www.lacoast.gov), and (for educational materials) [www.btneq.org](http://www.btneq.org). ■

Gay Gomez  
McNeese State University  
[ggomez@mail.mcneese.edu](mailto:ggomez@mail.mcneese.edu)



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AAG 100th Annual Meeting  
14 – 19 March 2004 • Philadelphia, PA**

## Jackson Square: New Orleans Reflection

In 1718, French Canadian Jean Baptiste Bienville founded La Nouvelle Orleans for France. The outpost, to become the city of New Orleans, was a commercial endeavor and developed along a crescent-shaped natural levee on the Mississippi River. In 1720, when French engineers surveyed a grid design, one central plaza, referred to as the Place d'Armes, served as the settlement's governmental, military, religious, and social center. In 1840, the city renamed the plaza Jackson Square, in honor of General Andrew Jackson and for his victory in the Battle of New Orleans.

Throughout its history the Square has been a military parade and training ground, a site for executions and punishment for enslaved persons, a marketplace, and the location of all exchanges of power between governors and countries. Present day Jackson Square—the heart of the French Quarter—has a serene, commemorative quality, and its edge, the Pedestrian Mall, stands in contrast as a bustling open-air market and street theater.

The Baroness Mircaela Almonester de Pontalba, a Franco-Spanish Creole, inspired the basic design of Jackson Square, which has changed little since the mid-nineteenth century. She also built apartment buildings that flank the east and west sides of the Square. Today, shops fill the first floors and apartments remain



Photo courtesy of Martha A. Works, Portland State University

on the second floors. St. Louis Cathedral, the oldest operating Catholic Church in the United States, towers at the midpoint of Jackson Square's north edge while the impressive Cabildo and Presbytere, originally governmental structures, house the Louisiana State Museum and are adjacent to the Cathedral.

Inside Jackson Square, a narrow canopy of live oaks lines its sides nearest the apartments, and ornamental plantings stretch along a formal promenade. A statue of General Jackson, tipping his hat (some say to the Baroness), proudly stands at the Square's center. This design and an ordinance that allows only city or state-planned activities fashion a tranquil space. In 1972, with funds from a private contributor, the city converted three streets adjacent to Jackson Square to the slate Pedestrian Mall, while the street south of

it remained open to two-way traffic. The Pedestrian Mall, a lively and sometimes chaotic edge unburdened by restrictive regulations, produces a sharp contrast to Jackson Square's park-like interior.

Artists started appearing in the Square by the 1940s, although more recently the Mall created a larger space for a variety of people to socialize and work. Tap dancers, mimes, magicians, shoe shiners, and henna tattoo artists now come to showcase their talents. Musicians from a variety of neighborhoods arrive in Jackson Square's Pedestrian Mall to learn and play jazz. Tarot card, bone, and palm spiritual advisors provide (for a "donation") tourists with personalized readings, and a diverse array of religious and civil groups preach and protest, often becoming a spectacle. All compete for the tourists' attention. The Mall has become a place of continual improvisation and an ensemble of tourist appeal.

Jackson Square's edge, the Pedestrian Mall, has become a hub for tourists in the French Quarter because it in part concentrates a unique informal economy and a dynamic social setting that has long been a part of New Orleans. ■

Rebecca Sheehan  
Louisiana State University Square  
rsheeh1@lsu.edu

## Journals Available

The Department of Geography and Urban Planning at Wayne State University, is giving away (gratis) a significant collection of volumes of the following journals: *Papers of the Regional Science Association*, *Economic Geography*, *The Professional Geographer*, *Canadian Geographer*, *Geographical*

*Analysis*, *Geographical Journal*, *Geographical Review*, and *Annals of the Association of American Geographers*. If you are interested in any of these publications, please contact Robert Sinclair at ab8043@wayne.edu or 313-577-0562.

### Kansas State University

Kansas State University's Faculty Senate approved a new graduate certificate program in geographic information science, also known as GIScience, in June 2002. A set of prerequisites in four areas is required before entering into the certificate program, including cartography, elementary statistics, mathematics through elementary calculus, and computer programming/relational database management. The certificate requires 15 credit hours: nine hours in core geospatial technique courses and six hours of electives in advanced or applied GIScience, GIS, or complementary fields of study.

To ensure students attain a strong understanding of GIScience concepts, theory, and practical applications, a minimum cumulative grade point average of 3.33 in the geospatial core and elective courses is required. Although administered by the Department of Geography, a key part of the certificate program is a multidisciplinary group of instructors and

researchers from various departments on campus who review the program's requirements. J.M. Shawn Hutchinson, Director the Geographic Information Systems Spatial Analysis Laboratory (GISSAL), is coordinator of the new program. The GIScience certificate program currently has 12 students enrolled, with the first student completing program requirements at the end of 2002.

### Michigan State University

The Department of Geography at Michigan State University announced the formation of the Quaternary Landscapes Research Group (QLRG). The QLRG is an informal cluster of researchers who are actively reconstructing prehistoric landscapes, both the processes involved in their physical formation as well as their use by humans. Research associated with the QLRG is focused on the Great Lakes region, with the goal being to form and maintain an interdisciplinary network that seeks to improve our historical understanding of this important geographical area.

Core faculty within the QLRG are Alan Arbogast, Randy Schaetzl, and Catherine Yansa. Arbogast focuses on Holocene landscape evolution in coastal, eolian, and fluvial environments, whereas Schaetzl is investigating soil geomorphology and late-glacial evolution in Michigan. Yansa specializes in Holocene paleoenvironmental reconstruction using pollen and macrofossil proxies. Affiliated faculty in geography are Jeff Andresen, Steve Friedman, and Jay Harman, who focus on climatology, plant ecology, and environmental ethics, respectively. Additional affiliated faculty are based in anthropology and geology. The QLRG is a field-oriented group that values field research, collaborative and individual, and working with students in both the field and laboratory. To see the web page of the QLRG, the range of problems they are investigating, publications, and options for graduate student funding, please visit [www.geo.msu.edu/qlrg/](http://www.geo.msu.edu/qlrg/). ■

## Grants and Competitions

The Challenger Center for Space Science Education is currently seeking enthusiastic, people-oriented research scientists and engineers to participate in Journey through the Universe. This program, funded by NASA's Minority University Research and Education Division, and the Offices of Space Flight, Space Science, and Earth Science, uses the themes of human space flight and the earth and

space sciences as the interdisciplinary means to inspire entire communities. They invite researchers and engineers with a passion about what they do to be a part of this adventure. To learn more about the program visit the *Journey through the Universe* website at [www.challenger.org/journey](http://www.challenger.org/journey). To get a flavor of programming in a community, visit the Washington, DC site at [www.challenger.org/dcjourney](http://www.challenger.org/dcjourney). Application packages are due 24 March 2003. Please send completed packages to: Challenger Center for Space Science Education, attn: Journey through the Universe, 1250 North Pitt Street, Alexandria, VA 22314. For more information please call or email John Hamel, Program Coordinator, at 703-683-9740 or [jhamel@challenger.org](mailto:jhamel@challenger.org). ■

org/dcjourney. Application packages are due 24 March 2003. Please send completed packages to: Challenger Center for Space Science Education, attn: Journey through the Universe, 1250 North Pitt Street, Alexandria, VA 22314. For more information please call or email John Hamel, Program Coordinator, at 703-683-9740 or [jhamel@challenger.org](mailto:jhamel@challenger.org). ■

## Award Deadlines

### MARCH

3. NSF Materials Use: Science, Engineering, and Society (MUSES) grant competition, [www.geo.nsf.gov/be-03.htm](http://www.geo.nsf.gov/be-03.htm).

### MAY

1. Fulbright Distinguished Chair awards in Europe, Canada, and Russia. Contact: Council for International

Exchange of Scholars at 3007 Tilden St., NW, Suite 5L, Washington, DC 20008-3009, 202-686-7877, or email [apprequest@cies.iie.org](mailto:apprequest@cies.iie.org).

### JULY

15. Women's International Science Collaboration Program, [www.aaas.org/international/wiscnew.shtml](http://www.aaas.org/international/wiscnew.shtml).

### AUGUST

1. Fulbright traditional lecturing and research grants worldwide. Contact the Council for International Exchange of Scholars at 3007 Tilden St. NW, Suite 5L, Washington, DC 20008-3009, 202-686-7877, or email [apprequest@cies.iie.org](mailto:apprequest@cies.iie.org). ■



Ron Canterbury, biology, and Joe Manzo, geography, Concord College, have received a \$65,000 Grosvenor Grant from the National Geographic Society to examine urban sprawl and bird habitats in West Virginia.

Judy Carney, Department of Geography, UCLA, was a co-winner of the 2002 Melville Herskovits Award by the African Studies Association for her recently published book *Black Rice: The African Origins of Rice Cultivation in the Americas* (Harvard University Press, 2001).

At Syracuse University, geography major Katherine Easterly won one of the university's three Clements Internship Awards of \$3,190 to do fieldwork in South Africa for her Honors Program senior thesis on current housing policy there. Doctoral candidate Richard Van Deusen has gained both a Fulbright Fellowship and a NSF Doctoral Dissertation Improvement Grant, and is currently in Paris working on "The Image Technicians: Urban Designers and the Production of Public Space in Belleville, Paris." And at the September 2002 national meetings of CELA (Council of Educators in Landscape Architecture), doctoral candidate James Ketchum won the best student paper award for "War and Traces

of War: Recent Contemporary Art, New Cultural Landscapes, and the Clash of Civilizations."

Boston University Professor Farouk El-Baz has been appointed to the Committee on Human Rights of the National Academy of Sciences (NAS), National Academy of Engineering (NAE), and Institute of Medicine. In addition, the Council of NAE has appointed El-Baz to its selection committee for the 2004 Charles Stark Draper Prize. Each appointment will run for two years, from 1 January 2003 through 31 December 2005.

Ross Meentemeyer, Department of Geography, Sonoma State University, together with colleagues from the Biology Department, received an \$810,000, four-year award from the National Science Foundation's Division of Environmental Biology to study the spread of Sudden Oak Death, an alarming disease that is killing thousands of native oak trees in the Coast Ranges of California. The multidisciplinary grant is allowing geographers and biologists at Sonoma State University and UC Davis to collaboratively study the critical factors in the environment and host species that contribute to the spread of the disease

causing pathogen, *Phytophthora ramorum*. The researchers are using GIS and remote sensing technologies in combination with fieldwork and DNA analysis to characterize spatial patterns of disease factors including the genetic resistance of host species, plant community structure, weather variability, and human activities. These data will be used to model changes in disease distribution and predict future habitat loss from disease. This research will also help develop management strategies for susceptible forests and test regulations designed to prevent long distance spread of the pathogen, a threat that could drastically alter woodlands and forests in California and elsewhere in the United States.

The National Geographic Society's Committee on Research and Exploration has awarded a research grant of \$16,830 to David W. Stahle for a study of pre-Hispanic dendrochronology in Mexico. The goal of the proposed research is to develop tree-ring records in Mexico 500- to 1000-years long and use these data in conjunction with historical records to study the impacts of extreme climatic events such as drought in Mexico. ■

## Astronaut Brings Interest in Geography to Mir

In an interview by Terry Gross on the NPR program *Fresh Air* (produced in Philadelphia by WHYY), American astronaut Jerry Linenger revealed that during his 5-month stay aboard the Russian space station Mir, "one of my goals was to become a world-class geographer." Linenger's duties aboard

Mir included scientific investigations in medicine, metallurgy, and microgravity, as well as earth observations to help geologists examine fault lines and oceanographers studying plankton blooms. He was also responsible for a photographic survey of the planet, composed of over 10,000 photos. Despite innumerable hours

watching the earth from above for various projects, Linenger's zeal for geography has not waned since returning to earth. He now naturally gravitates toward world maps, which recall the heavenly views he left behind. ■

## AAG welcomes these new members whose memberships were processed during the last month

- John Abbey, Kalamazoo, MI  
 Brandon Adair, Phoenix, AZ  
 Adegoke Ademiluyi, Fayetteville, NC  
 Miguel Aguilar-Robledo,  
 San Luis Potosí, Mexico  
 Nadiah Ahmad, TX  
 Cole V. Akeson, Saint Paul, MN  
 Emma R. Archer, Cape Town, South Africa  
 Philip Ashton, Brooklyn, NY  
 Marit Aure, Tucson, AZ  
 Meral Avci, Istanbul, Turkey  
 Christopher Badurek, Buffalo, NY  
 Seonhae Baik, Los Angeles, CA  
 Philip Bakelaar, Piscataway, NJ  
 Arlene Baker, Ocala, FL  
 Karen Banks, Spicewood, TX  
 Alisson F. Barbieri, Chapel Hill, NC  
 Bradley A. Barrow, Myersville, MD  
 Rene Dieter Baumstark, Saint Petersburg, FL  
 Brad Alan Bays, Stillwater, OK  
 Amy Bellone-Hite, New Orleans, LA  
 Arvind Bhuta, Auburn, AL  
 Sara Bialobrzewski, North Haven, CT  
 David Birge, Morgantown, WV  
 Adam Boone, Centreville, VA  
 Adrienne Booth, Austin, TX  
 Kevin Borden, Columbia, SC  
 Julian Brash, Brooklyn, NY  
 Vince Breneman, Washington, DC  
 David Allen Brookman, Grand Forks, ND  
 Danika M. Brown, Tucson, AZ  
 Jennifer Brown, Washington, DC  
 Matthew Brown, Columbia, MD  
 Rhonda Burcham, Huntington, WV  
 Steve Butcher, Kent, OH  
 Angus Cameron, Leicester, UK  
 George Castille, Baton Rouge, LA  
 Laura Cathers, Morgantown, WV  
 Yi-Ling Chen, Chapel Hill, NC  
 Wendy Cheng, Oakland, CA  
 Bailey Christa, Ft. Walton Beach, FL  
 Matthew Clemonds, Bryan, TX  
 Sandra Coffey, Sudbury, MA  
 Michael Colby, Madison, WI  
 Mathew Coleman, Los Angeles, CA  
 Benjamin Coles, Lawrence, KS  
 Jennifer Collins, Plymouth State  
 College, NH  
 Dawn Couch, Seattle, WA  
 James Patrick Cunningham, Montreal, PQ  
 James Damron, Alexandria, VA  
 Wendy Michelle DeBoard, Indianapolis, IN  
 Anne DelMonte, Rockville, MD  
 Julie A. Dercle, Northridge, CA  
 Mark De Socio, Cincinnati, OH  
 Armin Diblin, Covington, LA  
 Jessica Jayne Dobrowski, State College, PA  
 Dennis Dye, Yokohama, Kanagawa, Japan  
 Thomas Patrick Earhart, Charlottesville, VA  
 Briana L Egan, Boone, NC  
 Nuala Egan, Alexandria, VA  
 Matthew Eggleton, Lenoir, NC  
 Jacob Emberson, Norman, OK  
 Salvatore Engel-Di Mauro, Stevens Point, WI  
 Keisuke Enokido, Vancouver, BC  
 Amanda Espy-Brown, Tuscaloosa, AL  
 Maria Fannin, Seattle, WA  
 David Farritor, Baton Rouge, LA  
 Christopher Faust, Coatesville, PA  
 Evan Fedorko, Morgantown, WV  
 Marshall Feldman, Kingston, RI  
 Kali Fermantez, Honolulu, HI  
 Rachael S Finn, Saint Paul, MN  
 Eric Fischer, Columbus, OH  
 Helen Fisher, Minneapolis, MN  
 Emily Fogarty, Crawfordville, FL  
 Joshua French, Chicago, IL  
 Rhonda J. Friberg, Saint Paul, MN  
 Christina Friedle, Portland, OR  
 Justin Fuller, Las Cruces, NM  
 Amanda M. Gabrielson, San Marcos, TX  
 Jenifer Gager, New York, NY  
 Patricia Gallivan, South Hadley, MA  
 Joel P. Geffen, Los Angeles, CA  
 Hannes Gerhardt, Tucson, AZ  
 Taare Giday, Bellevue, WA  
 Carol Gillespie, San Marcos, TX  
 Ms. Shalon Given, Upperglade, WV  
 Eric Glass, Austin, TX  
 Jessica Gordon, Austin, TX  
 Mark Graham, Bowling Green, KY  
 Mr. Don P. Green, Jr., Hattiesburg, MS  
 Charles Greenberg, N. Vancouver, BC  
 Christopher Gross, Birdsboro, PA  
 Daniel Grossman, Storrs, CT  
 Mark Guizlo, Kirtland, OH  
 Laam Hae, Syracuse, NY  
 Jennifer Hamilton, Columbia, MO  
 Craig Harmak, Dade City, FL  
 Mr. Justin Lane Hart, Tuscaloosa, AL  
 Jeremy Hartranft, Whitewater, WI  
 Michael Hawkins, Muncie, IN  
 Keith Healy, Palatine, IL  
 Patricia Healy, Arlington, VA  
 Martha Henderson Tubesing, Burns, OR  
 Pedro J. Hernandez, Jr., West Chester, PA  
 Gavin Hilson, London, UK  
 Ms. Diane Holden, Grand Forks, ND  
 Frank Holmes, Manhattan, KS  
 Rachel Honer, Marlborough, MA  
 George E. Host, Duluth, MN  
 You-Tien Hsing, Berkeley, CA  
 Jessica Hudson, Delaware, OH  
 Karl Huemrich, College Park, MD  
 Karen Humes, Moscow, ID  
 David Humphreys, Storrs, CT  
 Donnise Hurley, Hyattsville, MD  
 Amanda Huron, Chapel Hill, NC  
 Mr. Chris Hurst, Springfield, LA  
 Anthony Iovanna, Bowling Green, KY  
 Adrian Ivakhiv, Menasha, WI  
 Kimberly Jackson, Wichita Falls, TX  
 Claire Jamieson, Knoxville, TN  
 Anhorn Jared, Norman, OK  
 Samuel Johnson, Forest Park, IL  
 Tora Johnson, Northeast Harbor, ME  
 Miranda Joseph, Tucson, AZ  
 Jinkyu Jung, Amherst, NY  
 Jun Kamata, Los Angeles, CA  
 Sheila Kazar, Morgantown, WV  
 Pollard Kelly, State College, PA  
 Roger Keil, Toronto, ON  
 Lawrence Kiage, Baton Rouge, LA  
 Hyungjoo Kim, Seattle, WA  
 Wesley Kirkman, San Francisco, CA  
 A.J. Kirkpatrick, Columbus, OH  
 Gina K. Koester, Saint Paul, MN  
 Ms. Sophia Kokoros-Valladares, Pompano  
 Beach, FL  
 Lauren Kologe, University Park, PA  
 Michelle Kooch, Bend, OR  
 Ellen Percy Kraly, Hamilton, NY  
 Christopher Krenz, Stevens Point, WI  
 Karen Larsen, Orange, OH  
 Scott Larson, Brooklyn, NY  
 Claudia Leal, Oakland, CA  
 Nancy Leathers, Statesboro, GA  
 Meredith Leonard, Pacific Palisades, CA  
 David A. Lewis, Ithaca, NY  
 Zhe Li, Worcester, MA  
 Shunlin Liang, College Park, MD  
 Ms. Jennifer Loomer, South Hadley, MA  
 Matthew Lukasiewicz, Dearborn, MI  
 Bruce J. MacVicar, Montreal, PQ  
 Scott Markwith, Athens, GA  
 Calvin O. Masilela, Indiana, PA  
 Tania Matos, Champaign, IL  
 Allison McAdams, Louisville, KY  
 Ms. Seri Michelle McClendon, Pasadena, CA  
 Coleman McCormick, Gainesville, FL  
 Michael McCowan, Columbia, MO  
 Michele McIntoshRoss, Norcross, GA

Maureen McLachlan, Madison, WI  
 Mr. George Mcleod, Virginia Beach, VA  
 Michael D.T. McMahon, Toronto, ON  
 Ellen Meadd, Toronto, ON  
 Nabiha Megateli-Das, Austin, TX  
 Mr. Asoka Mendis, Vancouver, BC  
 Janot-Reine Mendler, Wayland, MA  
 Helen Metts, Sheloceta, PA  
 Bruce Millett, Brookings, SD  
 James Mitchell Jr., Morgantown, WV  
 James Monchak, Chicago, IL  
 Alan Monek, Moscow, ID  
 Kristina Monroe, Worthington, OH  
 Vince E Moore, Breckenridge, TX  
 Michael Moran, Columbia, MD  
 Barbara Morehouse, Tucson, AZ  
 Mark Murphy, Cary, NC  
 Ana J. Murteira, Saint Paul, MN  
 Ray Nafziger, Atlanta, GA  
 Betty Nakamura, La Canada, CA  
 Richard Neil, Vacaville, CA  
 Angela Nelson, Columbia, SC  
 Harvey Neo, Worcester, MA  
 Toby Newcomer, Springfield, MO  
 David Nicosia, San Marcos, TX  
 Mary Lee Nolan, Corvallis, OR  
 Kevin O'Donnell, Tallahassee, FL  
 Elizabeth A. Oglesby, Tucson, AZ  
 Casey O'Hara, Buffalo, NY  
 Nami Okubo, San Jose, CA  
 Susan Oram, West Haven, CT  
 Rafael Antonio Ortiz, Minneapolis, MN  
 Peter Osei-Adjei, Denton, TX  
 Johanna Ostling, Colorado Springs, CO  
 Michelle Parenteau, Frostburg, MD  
 Christof Parnreiter, Vienna, Austria  
 Komal Patel, Austin, TX  
 Sipra Pati, Alpharetta, GA  
 Zoran Pavlovic, Brookings, SD  
 Kyle Peterson, Macomb, IL  
 Joan L. Phillips, Surrey, UK  
 Mr. Kirk M. Phillips, Manhattan, KS  
 Adam Pine, Philadelphia, PA

Adrienne Pine, Berkeley, CA  
 Cari Pogan, San Anselmo, CA  
 Julie Rackley, Houston, TX  
 Daniel Rainham, Ottawa, ON  
 Cindyann Marcha Rampersad, State College, PA  
 Detro Randall, Edgard, LA  
 James R. Rappold, Alloy, WV  
 Julia Rauchfuss, Terre Haute, IN  
 Jeff Reed, Glenville, WV  
 Helen Anne Regis, Baton Rouge, LA  
 Douglas Reichert Powell, Durham, NC  
 Jack Reynolds, Surf City, NJ  
 William Ritchie, Aberdeen, UK  
 Jocelyn Roach, Pittsburg, CA  
 Ms. Joanna B. Rogalski, Lake View, NY  
 Wesley Rogers, Columbia, MO  
 Eric Rowley, Galt, CA  
 Michelle M. Russo, Metairie, LA  
 Katetegeilwe Rwiza, Moscow, ID  
 Kimberly Rybold, Delaware, OH  
 Dalia Abbas Saleh, Minneapolis, MN  
 Christopher Saylor, Blacksburg, VA  
 Michael Schultz, Carbondale, IL  
 Michael C. Schulze, Southington, CT  
 Maria Schunk, Athens, OH  
 Peter Schweikhardt, San Francisco, CA  
 Marvin Sebourn, Enid, OK  
 Michael Selover, Gainesville, FL  
 Paul Sethre, Grand Forks, ND  
 Michael Shambaugh-Miller, Omaha, NE  
 Tara Shea, Braintree, MA  
 Brendan Sheehy, Pahoa, HI  
 Guoqiang Shen, Norman, OK  
 Gregory Simon, Seattle, WA  
 Tyrone R. Simpson, II, Charlottesville, VA  
 Alexander J. Smith, Tallahassee, FL  
 Gregory Smith, Springfield, PA  
 Martyn Smith, Storrs, CT  
 Sandra Soroka, Hartford, CT  
 John Storelli, Jackson, MS  
 Marc Strobbe, Long Grove, IA  
 Percy Manuel Summers, Blacksburg, VA

Robert J. Suprlock, Saint Paul, MN  
 Charles Swanson, San Francisco, CA  
 Daniel James Swanton, Vancouver, BC  
 Radha Krishna Swayampakala, Charlotte, NC  
 Kenji Tani, Saitama-shi, Japan  
 Halil I. Tas, Oklahoma City, OK  
 Christian Tettey, Akron, OH  
 Victor B. Teye, Tempe, AZ  
 Julian Richard Thompson, London, UK  
 Erika Trigoso Rubio, Tucson, AZ  
 Carolyn Trimarchi, Indiana, PA  
 R. Todd Ulrich, Cincinnati, OH  
 Anneliese Vance, Buffalo, NY  
 Joshua VanSchagen, Blacksburg, VA  
 Joshua J Vetro, Pensacola, FL  
 Miguel Villarreal, Tucson, AZ  
 Mr. Xuguang Wang, Cincinnati, OH  
 William Warren, Honolulu, HI  
 John Watkins, Lexington, KY  
 Annette Watson, Minneapolis, MN  
 Bryan Weaver, Athens, GA  
 James Patrick Whelan, Jr., Lake Charles, LA  
 Thomas White, Tampa, FL  
 Brandon Whitehead, Le Sueur, MN  
 Stacey Wicker, Home, PA  
 Dwight Wilhelm, Apex, NC  
 Carol Williams, Carbondale, IL  
 Amy Elizabeth Williams-Payne, East Stroudsburg, PA  
 Justin Wilson, Oxford, OH  
 Amy Work, Delaware, OH  
 Joanna Wright, Denver, CO  
 Mr. Steven M. Yaney, Celina, OH  
 Susan Yarnell, Chapel Hill, NC  
 Dr. Jordan Yin, Kalamazoo, MI  
 Lisa Young, Phoenix, AZ  
 Jaehyung Yu, College Station, TX  
 Xingyou Zhang, Cincinnati, OH  
 Guiyun Zhou, Baton Rouge, LA ■

## New Appointments

University at Buffalo. D. Scott Mackay, Ph.D., 1997, University of Toronto, Assistant Professor.

University at Buffalo. Narushige Shiode, Ph.D., 2000, Bartlett School of Built Environment, University College London, Assistant Professor.

University of Wyoming. J. Michael Daniels, Ph.D., 2002, University of Wisconsin, Madison, Assistant Professor.

West Virginia University. Jennifer A. Miller, ABD, San Diego State University and University of California, Santa Barbara, Assistant Professor.

Westfield State College. Mirela Newman, Ph.D., University of Massachusetts, Assistant Professor. ■

# Jobs in Geography

## UNITED STATES

**\*FLORIDA, TAMPA 33620-8100.** University of South Florida. The Department of Geography invites applications for a full-time nine-month contract position at the **Instructor** level beginning August 2003, subject to funding. The position is continuing but non-tenure-earning. Preferred teaching specializations include Introductory Human and Physical Geography, World Regional Geography, Conservation, Earth Systems Science, and Current Events. The department is seeking an enthusiastic and dedicated teacher with a strong commitment to undergraduate instruction and advising. The successful candidate will be expected to be the primary advisor for our undergraduate students and will play a key role in developing recruitment and retention strategies. The successful candidate will also be expected to liaise with student organizations within the department and to help organize extra-curricula student activities. Salary negotiable. Requirements: earned masters in geography or closely related discipline; at least 2 years college level teaching experience as primary course instructor. Applications must be received by Friday March 28th, 2003, and include a letter describing interests and possible contributions to our program; a complete curriculum vitae; the names, addresses, E-mail, and telephone numbers of three referees; and evidence of instructional performance. According to Florida Law, applications and meetings regarding them are open to the public. For ADA accommodations, please contact search committee chair at least five working days prior to need. USF is an AA/EEO institution. MAR 03-49.

Apply: Dr. Steven Reader, Search Committee Chair, 4202 East Fowler Avenue, SOC107.

E-mail: sreader@chuma1.cas.usf.edu.

**\*ILLINOIS, CARBONDALE 62901-4514.** Southern Illinois University Carbondale, Department of Geography. The Department of Geography seeks a tenure-track **assistant professor** position to begin August 16, 2003. Candidates should have research interests in **Geographic Information Science** with direct applications to environmental analysis and modeling. Candidates must have earned a Ph.D. in Geography or a related area. If all requirements are not completed by effective date of contract, a one-year appointment as Instructor at a lower rate of pay will be offered.

The candidate should have a commitment to both undergraduate and graduate teaching and have a professional record that establishes their research and funding potential. Duties include teaching two courses per semester in GIS at both undergraduate and graduate levels. The candidate will also serve on M.S. and Ph.D. student committees. They must be proficient in English.

Geography at SIUC hosts the Spatial and Environmental Analysis Laboratory (SEAL). The new *Environmental Resources & Policy* Ph.D. degree is administered cooperatively by the Departments of Geography and Geology and the College of Agriculture and includes a state-of-the-art GIS laboratory. Geography at SIUC focuses on environmental management and water resources and hosts the Universities Council on Water Resources (UCOWR) and the International Water Resources Association (IWRA). Review of applications will begin March 15, 2003 and continue until filled. Applications should include a letter describing teaching and research goals, CV, graduate transcripts, and list of three or more ref-

erences whom we will contact. Candidates should also include reprints of recent publications. SIUC is an affirmative action/equal opportunity employer that strives to enhance its ability to develop a diverse faculty and staff and to increase its potential to serve a diverse student population. All applications are welcomed and encouraged and will receive consideration. MAR 03-51.

Apply: Chair, Search Committee, Department of Geography, Southern Illinois University Carbondale, Carbondale, IL 62901-4514. Phone: 618/536-3375. FAX 618-453-6465. dlevia@siu.edu.

**IOWA, AMES 50011-3095.** The department is seeking to fill a tenure-track faculty position at the rank of **Assistant Professor** starting 15 August 2003.

The department offers two degrees: Bachelor of Science in Community and Regional Planning and the Master of Community and Regional Planning. Both degrees have been re-accredited by PAB recently. The department offers joint

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

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

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

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

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

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

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

\* Indicates a new listing

master's degrees with Architecture, Business Administration, Landscape Architecture, and Public Administration, and jointly offers a masters degree in Transportation with the departments of Civil Engineering and Transportation Logistics. The department has ten full-time faculty positions, including an Extension specialist, and a number of adjunct faculties. It currently has about 100 undergraduate students and 40 graduate students. The department has an active research agenda and outreach program that involves most faculty members, graduate students, and some undergraduate students.

The position requires involvement in the undergraduate and graduate instructional programs in the areas of planning methods as well as, application of computers in planning and urban design. In addition, candidate will be expected to contribute to the core and one or more of the following specialized areas: transportation planning and land use, community economic development, and environmental planning and design. Candidate will be expected to supervise a community design workshop, most likely within a small town setting.

The minimum required qualifications for this position is a Ph.D. in planning or related fields. The preferred candidate will have knowledge and a demonstrated record of teaching, research and/or practice in community oriented design. Salary is competitive. AICP membership or eligibility.

Candidates should send a letter of interest and a copy of their curriculum vitae, secure three letters of recommendation to be mailed directly to the department, mail a copy of one publication and a course outline in their area of specialty to the address below. FEB 03-26.

Apply: Gary Mattson, Chair of CRP Faculty Search Committee, 126 College of Design, Iowa State University, Ames, IA 50011-3095. Voice 515-294-8958. Fax 515-294-4015. E-mail gamatt@iastate.edu. Screening of applications will begin on 15 March 2003, and will continue until the position is filled.

Iowa State University is an Equal Opportunity/Affirmative Action Employer. Minorities and women are encouraged to apply.

**KANSAS, MANHATTAN 66506-2904.** The Geography Department at Kansas State University invites applications for a one-year **Visiting Assistant Professor** position beginning August 2003. Ph.D. required; ABD considered for an appointment at the rank of Visiting Instructor. Teaching responsibilities are three sections per semester including, but not limited to, World Regional Geography. Experience teaching large

lecture sections preferred. Send letter describing teaching interests and back-ground, evidence of teaching effectiveness, curriculum vitae, and the names, addresses, and e-mail addresses of three referees to the address below. FEB 03-31.

Apply: Jeffrey S. Smith, Search Committee Chair, Department of Geography, 118 Seaton Hall. Review of applications will begin 28 March 2003 and continue until the position is filled. Kansas State University is an equal opportunity employer and actively seeks diversity among its employees. UMBC is an Affirmative Action/Equal Opportunity Employer; minorities, women, and individuals with disabilities are encouraged to apply.

**MARYLAND, BALTIMORE 21250.** The University of Maryland, Baltimore County is seeking a distinguished environmental scholar/administrator to become **Director of The Center for Urban Environmental Research and Education (CUERE)**. Founded with a grant from the U.S. Environmental Protection Agency, CUERE has an active funded interdisciplinary research program focused on the economic, social and environmental consequences of the transformation of the urban and suburban landscape. Current funding is about \$3.5 million through FY 2006 and several large additional programmatic grants are pending or in preparation. More information can be obtained from the CUERE web site: [www.umbc.edu/cuere](http://www.umbc.edu/cuere).

The successful candidate will hold a doctorate in a related discipline and have a distinguished record of research and publication. The appointment will be a tenured faculty line in one of the departments associated with CUERE. Favorable consideration will be given to candidates that demonstrate a record of successful leadership of interdisciplinary research projects and the capacity for effectively working with faculty and mentoring students. Applications and nominations should be sent to the address below. FEB 03-37.

Apply: Andrew J. Miller c/o CUERE, UMBC, 1000 Hilltop Circle, TRC 102, Baltimore, MD 21250. E-mail miller@umbc.edu. Applications must include cover letter, curriculum vitae, and the names and addresses of five referees. Review of applications will begin 1 March 2003 and continue until the position has been filled. UMBC is an Affirmative Action/Equal Opportunity Employer; minorities, women, and individuals with disabilities are encouraged to apply.

**MASSACHUSETTS, WESTFIELD 01086-1630.** Westfield State College. The Department of Geography and Regional Planning at West-

field State College invites applications for an **Urban/Regional Planner** for a full-time tenure track position at the **Assistant Professor** level beginning Fall 2003. Teaching load is 12 hours per semester. A Ph.D. in Planning or Geography is desired, although exceptional candidates with advanced planning experience will be considered with MRP or MEP, and AICP. Applicants should have detailed working knowledge of contemporary planning practice in the United States, and a strong commitment to undergraduate teaching. Successful candidate should be prepared to teach planning courses in area of expertise, and core classes in geography. Compute competency is expected, as well as demonstrated ability to develop partnerships among local community organizations and planning agencies.

Westfield State College is a 3,500-student residential campus in the Berkshires of Western, MA. It offers the Commonwealth's only undergraduate degree in regional planning and has recently added a new interdisciplinary degree in environmental science.

Women, persons of color, and persons with disabilities are encouraged to apply. Review of applications will commence on 3 March 2003. Applicants should provide a letter of interest indicating professional, research and teaching experience, a curriculum vita, official transcripts of college degrees and three letters of reference to the address below. FEB 03-30.

Apply: GARP Faculty Search Committee, Westfield State College, 577 Western Avenue, Westfield, MA 01086-1630. An Affirmative Action/Equal Opportunity Employer.

**MISSISSIPPI, HATTIESBURG 39406-5051.** The University of Southern Mississippi. Department of Geography. The Department of Geography invites applications for three full-time, tenure-track faculty at the rank of **Assistant Professor**, commencing fall 2003. The department seeks to hire:

**Position 1: Physical Geographer.** The successful applicant should have research and teaching interests in physical/environmental geography. A broad range of subspecialties is welcomed; our goal, however is to build strength in geomorphology, coastal studies, and tropical studies. Candidates should be able to apply GIS to their research and assist students with GIS in physical geography applications. Candidates would also be expected to teach physical field methods.

**Position 2: GIScience/Land Use Specialist.** USM seeks candidates with research experience in land use/land cover change, regional human-environment interactions, or conservation. The

candidate will be expected to teach Remote Sensing and GIS at USM's Stennis Space Center and Gulf Park campuses. The department offers a master's in Geographic Information Technology at the Stennis Campus.

**Position 3: Cultural Geographer.** We seek a cultural geographer with extensive research and background in the U.S. South with emphasis on land use. Experience should include ethnographic studies, interest in population and human resources, and GIS is desirable. Foreign field experience (Central America, Europe, or Australia) is also desirable. The candidates will be expected to teach general education, undergraduate, and graduate (including doctoral) courses, as well as sustain research and grantsmanship in their specialization.

The candidates will also be expected to support the department's strong programmatic emphasis in Geographic Information Technology and be centrally involved in building upon departmental/university strengths in physical/ environmental geography. The candidates will also have the opportunity to work with the college's doctoral program in International Development.

The university maintains a teaching and research partnership with NASA's Stennis Space Center. The department houses a GIS/RS lab and is actively involved in the Mississippi Space Commerce Initiative. The department is also in the process of establishing a Center for Geospatial Studies on the Hattiesburg campus and currently offers undergraduate and graduate concentrations in Geographic Information Technology, as well as a GIT certificate. The Geography Department maintains a strong alliance with the university's departments of Coastal Science and Biology and Geology. The faculty members of the Department of Geography have a strong focus on international research/field programs in Australia, Jamaica, Cuba, Great Britain, and Central America.

Applicants must have a Ph.D. at the time of appointment. Applications should include a personal statement of background and experience relevant to the position, especially research and teaching support, a dated curriculum vitae, and names and addresses (including e-mail) of three referees. Applications should be submitted no later than 26 February 2003, but the search may continue until a suitable candidate is appointed. All materials should be sent to the address below. FEB 03-35.

Apply: Dr. Clifton Dixon, Chair, Department of Geography, Box 5051, The University of Southern Mississippi, Hattiesburg, MS 39406-5051. Voice 601-266-4729. Fax 601-266-6219.

E-mail: [c.dixon@usm.edu](mailto:c.dixon@usm.edu). 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

**\*MICHIGAN, MOUNT PLEASANT 48859.** The Department of Geography at Central Michigan University encourages applicants for **Teaching and Research Assistantships** in the Master's of Science in **Geographic Information Sciences** program beginning Fall 2003. Admission to the MSGISci program required.

The Department of Geography currently has 17 tenure and tenure track faculty, 6 of whom teach full-time in the GISci area. Areas of GISci teaching/research include: Geographic information services, spatial data security and usage rights Management; cognitive processing/ability; brain imaging; multimedia mapping; remote sensing digital and hyperspectral image processing; applications in environmental management and planning; and examination of nature-society interactions combining field surveys, remotely sensed data, and GIS. Department facilities include: two large modern computer laboratories equipped with PCs, scanners, color and b/w laser printers, large-format plotter, digitizing tablets, an UltraScan 500 high-resolution imagery scanner, and most GISci related software including ArcGIS, ArcView, ERDAS Imagine, AutoCad, Macromedia Suite (Freehand, Flash, Director), Photoshop, SPSS, and Pathfinder Office; ASD FieldSpec Pro Spectroradiometer; GPS units including 6 Trimble RSC1 Asset Surveyor backpack units, 15 Trimble GEO3 explorers, and 60 Lowrance units; 5 LaserPlane Leveling Systems; and 5 Sokkia SET600 total stations. Please find applications and additional program information at the address below. MAR 03-45.

Apply: The Department website at <http://www.cst.cmich.edu/units/geo/> (follow the links to Degree Programs). Also e-mail at [MSGISci@cmich.edu](mailto:MSGISci@cmich.edu). CMU, an EO/AA institution, is strongly and actively committed to increasing diversity within its community (see <http://www.cmich.edu/aaeo/>). All application materials must be received by March 15, 2003 for the Fall 2003 semester.

**\*MISSOURI, KANSAS CITY 64110-2499.** The UMKC Department of Geosciences seeks applicants for a tenure-track **Assistant Professor of Environmental Science** (appointment effective for the Fall 2003 semester). We seek an applicant who can teach courses and direct

research in environmental science, applied geophysics, earth system science, hydrogeology, or related fields. The ability to teach GIS is highly desirable. Applicants should have broad interests in areas that contribute to UMKC's bachelors to doctoral level degree programs in environmental studies, geography, and geology. The successful candidate will be expected to develop new courses for an expanded program in environmental studies.

Duties of regular faculty at UMKC include a substantial mix of teaching, research, and service. The successful applicant will be expected to generate external funds to support a dynamic research program. The position requires a Ph.D. in geography, geology, or related field. The department is housed in a new building on an attractive wooded campus in mid-town Kansas City. Departmental resources include direct access to Internet II and labs equipped for GIS, remote sensing, climate modeling, sediment and soils analysis, ICP, ICPMS and X-ray diffraction as well as a Geosciences Museum. The world-class Linda Hall Library of Science, Engineering and Technology is located next door. Collaborative opportunities exist with the Kansas City Life Sciences Initiative, Region 7 of the Environmental Protection Agency, the U.S.G.S. Water Resources Division, the U.S. Army Corps of Engineers, and local geotechnical companies. Kansas City is a relaxed and pleasant, but vibrant community forming the core of a metropolitan area with a population of 1.8 million people. Spousal employment opportunities abound. Visit [www.umkc.edu](http://www.umkc.edu) for further details on the department and the nature of the position. MAR 03-46.

Apply: Chair, Faculty Search Committee, Department of Geosciences, Rm 420 Flarsheim Hall, University of Missouri-Kansas City, 5110 Rockhill Road, Kansas City, MO 64110-2499, (816) 235-1334. UMKC is an equal opportunity affirmative action employer.

**\*NEBRASKA, KEARNEY 68849-5130** University of Nebraska at Kearney. **GIS with Human/Regional Geography, Assistant Professor (Tenure Track)** The ideal candidate is a broadly trained geographer with demonstrated ability to teach Introductory World Regional or Human Geography, upper division regional/human courses and introductory and intermediate GIS as well as manage the technical elements of a growing GIS component, pursue scholarly activity, promote undergraduate student research opportunities and participate in department, college, university service. Required: PhD in Geography by August 2003; demonstrated

commitment to teaching excellence and innovation. Starting Date: August 2003. Competitive salary and benefits. Review of applications begins 24 March 2003. Send letter of application, Curriculum vitae, and names (w/addresses and e-mail address) of three current references. MAR 03-47

Apply: Stan Dart, Search Committee Chair, Department of Geography and Earth Science, UNK, Kearney, NE 68849-5130 (308) 865-8357; fax (308) 865-8980; darts@unk.edu; AA/EO/ADA, <http://www.unk.edu>.

**\*NEW YORK, NEW YORK CITY, 10016.** The Center for Place, Culture, and Politics at the CUNY Graduate Center invites applications for a Ford Foundation **Postdoctoral Fellowship**. The successful candidate will hold a Ph.D. in a disciplinary field related to **Area Studies** such as geography, anthropology, history, languages, economics, literature or other related disciplines, or in an interdisciplinary Area Studies specialty. Responsibilities will include collaborative research, organizing workshops and conferences, authoring and co-authoring papers and book chapters and collaboration on a volume on Area Studies. Begins August 1, 2003. The position is for one year. Salary: \$45,000 - \$50,000. See Web site: [web.gc.cuny.edu/pcp](http://web.gc.cuny.edu/pcp). Review begins March 2003. Send four copies of letter of application and CV, and arrange to have three letters of reference sent to the address below. MAR 03-48.

Apply: Megan Schauer, Project Administrator, Center for Place, Culture, and Politics, CUNY Graduate Center, 365 Fifth Avenue, New York, NY 10016. CUNY is an EO/AA/IRCA/ADA Employer.

**\*NEW YORK, ONEONTA 13820.** The State University of New York at Oneonta invites applications for an anticipated **Visiting Lecturer** position for the academic year 2003-2004, pending budgetary approval, with the possibility of an extension of one additional year. Non-tenure track position beginning August 2003. SUNY Oneonta is a four year arts and science college with a pre-professional focus. The Geography Department maintains a strong undergraduate program and handles the environmental planning area of an inter-disciplinary environmental sciences program. See SUNY Oneonta's home page for additional information (<http://www.oneonta.edu>).

The Department seeks a person to teach a general introductory level course and an urban geography course each semester. In addition, it

is desirable that the candidate be able to offer some combination of the following upper level courses: political, Latin America, Africa, and air photo interpretation. Other specializations will be considered. Teaching load is 12 credit hours and three preparations per semester.

Qualifications include an ABD or Ph.D. in Geography (Ph.D. preferred), good communication skills, and a strong commitment to undergraduate instruction.

To apply, send application letter, teaching and research statement, vita, original transcripts and recommendation letters. MAR 03-50.

Apply: Paul R. Baumann, Search Committee, Department of Geography, Box JG, SUNY Oneonta, NY 13820-4015. Voice 607-436-3459. Fax 607-436-2656. Review of applications will begin immediately and continue until the position is filled. Position is contingent upon funding. SUNY Oneonta is an EEO/AA/ADA employer. Women, minorities, veterans, and the disabled are encouraged to apply.

**\*NORTH CAROLINA, GREENVILLE 27858.** The College of Arts and Sciences at East Carolina University invites applications for a faculty position as a **hazards scholar** who will be charged with the development of a new Center for Natural Hazards Mitigation to be housed within the College. PhD in hazards related field of study is required. The appointment will serve as director of the Center. The rank and discipline are open. Appointment will be made in the appropriate department. Candidates should have a record of accomplishments in the study of environmental risk, hazards, or mitigation. Candidates should possess ability to secure extramural funding. Appointment includes opportunity for instruction. Appropriate professional service expected.

Salary will be competitive. Search committee will begin reviewing applications on April 1, 2003. Submit statement of interest, curriculum vitae, examples of publications, and names and contact information for three letters of reference. Graduate transcript required upon employment. MAR 03-53.

Apply: Dr. Ron Mitchelson, Chair, Department of Geography, Brewster A-227, East Carolina University, Greenville, NC 27858; email: [mitchelsonr@mail.ecu.edu](mailto:mitchelsonr@mail.ecu.edu).

East Carolina University is a constituent institution of the University of North Carolina System; an equal opportunity employer / affirmative action university; and accommodates individuals with disabilities. Applicants must comply with the Immigration Reform and Control Act.

**OHIO, COLUMBUS 43201-2602.** The Mershon Center at The Ohio State University invites applications for a one-year residential **Post-Doctoral Fellowship** during the 2003-2004 academic year. The Center is especially interested in projects dealing with any aspect of the following broad themes: (1) military and diplomatic history, (2) political and economic decision-making as it pertains to foreign and defense policies in the United States or other countries, (3) the relationships between culture and identity and international security, and (4) law and the institutional management of conflict, including the international management of environmental security. Mershon provides a \$32,000 stipend plus University benefits, an office, a computer, and an \$1,800 budget for travel and research expenses. Only Ph.D.s earned since 30 June 1997 are eligible. Applications will be reviewed starting 28 February 2003. For full consideration all materials should be submitted by that date. Download application from <http://www.mershon.ohio-state.edu>. The Mershon Center is an AA/EOE. Send application materials to the address below. FEB 03-38a.

Apply: Ann Powers, Attention: Postdoctoral Fellowship, The Mershon Center, 1501 Neil Ave., Columbus, Ohio 43201-2602.

**OHIO, COLUMBUS 43201-2602.** The Mershon Center at The Ohio State University invites scholars to apply for a **Visiting Scholar** position. The Center is open to visits of one to two months, a quarter or an entire academic year. The Center is especially interested in projects dealing with any aspect of the following broad themes: (1) military and diplomatic history, (2) political and economic decision-making as it pertains to foreign and defense policies in the United States or other countries, (3) the relationships between culture and identity and international security, and (4) law and the institutional management of conflict, including the international management of environmental security. Compensation is negotiable and will depend on length of stay and rank. Mershon will provide an office, computer, and access to Ohio State library resources. Applications will be reviewed starting 28 February 2003. For full consideration all materials should be submitted by that date. Download application from <http://www.mershon.ohio-state.edu>. The Mershon Center is an AA/EOE. Send application materials to the address below. FEB 03-38b.

Apply: Ann Powers, Attention: Visiting Scholar Fellowship, The Mershon Center, 1501 Neil Ave., Columbus, Ohio 43201-2602.

**PENNSYLVANIA, BLOOMSBURG 17815-1301.** Bloomsburg University of Pennsylvania's Department of Geography and Geosciences seeks a broadly trained **physical geographer** specializing in **climate/meteorology** as a tenure-track **Assistant Professor** beginning Fall 2003. (AA# 41-2-185). Teaching responsibilities include: Meteorology, weather and climate, physical geography. The successful candidate will also participate in the department's geographic information system offerings.

Ph.D. required; ABDs near completion are also encouraged to apply. As Bloomsburg University stresses teaching excellence and scholarship, university teaching/research experience is preferred. The applicant must also have a demonstrated ability to work with diverse populations. Recommendation for hiring is needed by the majority of the regular, full-time department faculty. Finalist(s) for this position must communicate well and successfully complete an interview and/or teaching demonstration. Applicants should submit a letter of application, resume, photocopies of official transcripts, and names and contact information of at least three professional references. To receive full consideration for this position complete applications must be received by 14 March 2003. FEB 03-28.

Apply: Dr. Jerry T. Mitchell, Search Committee, Department of Geography and Geosciences, Bloomsburg University of Pennsylvania, 400 East Second Street, Bloomsburg, PA 17815-1301. Voice 570-389-4567. E-mail [jmitchel@bloomu.edu](mailto:jmitchel@bloomu.edu). Bloomsburg University is committed to AA/EOE. [www.bloomu.edu/jobs](http://www.bloomu.edu/jobs).

**\*PENNSYLVANIA, SLIPPERY ROCK 16057.** Slippery Rock University is seeking applicants for a tenure track position in the Department of Geography, Geology, and the Environment at the **Assistant Professor** rank starting August 2003. The Department offers programs in geography, geology, and environmental science and studies with approximately 120 undergraduate majors.

Teaching responsibilities include upper level courses in Cartography and GIS, courses in introductory geography or world regional geography, and potential development of advanced courses in area of expertise. The successful candidate is expected to demonstrate excellence in teaching, to maintain an active program of research resulting in peer-reviewed publication, to mentor student research, and to participate in college service and student advising. Contribution to the environmental programs is expected.

Ph.D. in geography is preferred (an ABD will be considered with the requirement that the

degree be completed by August 2003). Applicants should have expertise in cartography and GIS. Classroom and field teaching experience is desired. Successful performance in an on-campus interview, including teaching and research presentations, is required.

Send letter of interest, curriculum vitae, statement of research and teaching interests, graduate and undergraduate transcripts (official transcripts needed before hiring) and three letters of reference to the address below. MAR 03-41-1.

Apply: Search Committee Chair, c/o Dept. of Geography, Geology, and the Environment, Slippery Rock University, Slippery Rock, PA 16057. Voice 724-738-2048.

Review of applications will begin 1 March 2003 and continue until position is filled. Visit our web page at [www.sru.edu](http://www.sru.edu). TTY# 724-738-4881. AA/EOE.

**TENNESSEE, KNOXVILLE 37996-0925.** The University of Tennessee Department of Geography invites applications for a new, tenure-track position for an **Assistant or Associate Professor** with expertise in **Geographic Information Science and Physical Geography**, beginning in August 2003. We seek applicants with active research in GIScience-oriented theory and modeling of natural processes and systems. Ph.D. in geography or closely related field is required at the time of appointment. Applicants must exhibit a strong commitment to undergraduate and graduate teaching, and to developing a sustained, externally funded research focus. This position will provide an intellectual bridge between the department's programs in Geographic Information Science and Physical Geography. The successful applicant will join a dynamic, growing department characterized by strong mutual support, broadly shared interests among faculty, and a tradition of internal and external collaboration. For information about the department, see <http://web.utk.edu/~utkgeog/>.

Applications should include a curriculum vitae and a cover letter highlighting the applicant's teaching and research strengths and experience. Applicants should arrange for at least three letters of reference to be sent to the search committee chair. Review of applications will begin 14 February 2003, and continue until the position is filled. The University of Tennessee is an EEO/AA Title VI/Title IX/Section 504/ADA/ADEA institution in the provision of its education and employment programs and services. FEB 03-32.

Apply: Dr. Shih-Lung Shaw, Search Committee Chair, Department of Geography, 304 Burchfiel Geography Building, University of Tennessee, Knoxville, TN 37996-0925.

**\*TEXAS, SAN MARCOS 78666-4616.** Southwest Texas State University. The Department of Geography has a **graduate assistantship** available to support deserving graduate students in the Ph.D. program in **Geographic Education**. Funding for the first year of the assistantship comes from a National Science Foundation grant, pending budgetary approval. The position entails designing, editing, and testing instructional materials for a planned online Center for Global Geography Education. We are particularly interested in individuals with strong Web and graphic design skills.

This is an outstanding opportunity for graduate students wishing to pursue doctoral research in geographic education. The position starts August 2003 and carries a 12-month salary of \$16,100, full benefits, and an out-of-state tuition waiver. Applications should include a cover letter discussing professional goals. Please arrange to have three letters of recommendation sent directly to the department. Review of applications will begin on 31 March 2003. For more information about the department, please visit our Web site at [www.geo.swt.edu](http://www.geo.swt.edu).

San Marcos is located at the center of the burgeoning San Antonio-Austin corridor yet still has a small-town atmosphere with a low cost of living and a pleasant climate. Texas does not have a state income tax.

Southwest Texas State University is an equal opportunity educational institution and as such does not discriminate because of race, color, creed or religion, sex, national origin, age, physical or mental handicaps, or status as a disabled or Vietnam era veteran. Southwest Texas State University is a member of the Texas State University System. MAR 03-52.

Apply: Michael Solem, Department of Geography. Voice 512-245-7976. Fax 512-245-8353. Internet: [michael.solem@swt.edu](mailto:michael.solem@swt.edu).

**\*VIRGINIA, ARLINGTON 22230.** The Division of Behavioral and Cognitive Sciences (BCS) at the National Science Foundation (NSF) is seeking a **Program Director for Geography and Regional Science**. The Program Director's primary responsibilities involve coordinating the evaluation process for proposals, the selection of external reviewers and advisory panel members. The incumbent also, represents a relevant scientific community to NSF, as well as adopting leadership roles in coordinating and organizing BCS' participation in one or more NSF strategic initiatives, such as Spatial Social Science, Biocomplexity, and Information Technology. Typical appointments are for one or two years as a Visiting Scientist or an Intergovernmental Personnel Act Assignment, and



the position will begin in the summer of 2003. The per annum salary range which includes a locality pay adjustment is from \$78,265 to \$121,967. Applicants must have a Ph.D. or equivalent research experience in a relevant scientific discipline and at least six additional years of research experience beyond the doctoral level. Additional requirements include administrative skills, communications skills, the ability to work with others, and a fundamental knowledge of the diverse constituencies represented by Geography and Regional Science (<http://www.nsf.gov/sbe/bcs/geograph/start.htm>). Interested parties should submit a cover letter, names, addresses, and telephone numbers for three references, and a curriculum vitae to the National Science Foundation, Division of Human Resources Management, Attn: Jacqueline Jackson, Rm.315, 4201 Wilson Blvd., Arlington, VA 22230 USA. Phone: 703-292-4358. Please reference vacancy announcement number E20030004-Rotator. MAR 03-39.

The National Science Foundation is committed to affirmative action in identifying candidates and to equal opportunity in making hiring decisions.

For program questions contact Dr. Richard Aspinall, Program Director, Geography and Regional Sciences, (703) 292-4995. Hearing Impaired individuals should call TDD - 703-292-8044.

The National Science Foundation is an Equal Opportunity Employer committed to employing highly qualified staff that reflects the diversity of our nation.

**\*WISCONSIN, OSHKOSH 54901-8642.** The Department of Geography & Urban Planning at the University of Wisconsin Oshkosh seeks applications for a one-year **Lecturer** position starting September 1, 2003. Requirements: Masters Degree (Ph.D. preferred) in Geography or related discipline. Teaching responsibilities include introductory courses in Physical Geography (Weather and Climate) and two or three upper-level undergraduate courses based on expertise, with preference given to Meteorology, Climatology, Soils, Landscape Morphology, Environmental Conservation, Natural Hazards, Water Resource Management, Natural Resource Management, and Field Meth-

ods, Contingent on future budget, the department anticipates advertising a tenure-track position in Physical Geography next academic year.

Send letter of application, curriculum vitae, undergraduate and graduate transcripts, three letters of recommendation, and evidence of teaching effectiveness to the address below. MAR 03-44.

Apply: Chair, Personnel Committee, Department of Geography & Urban Planning, University of Wisconsin Oshkosh, Oshkosh, WI 54901-8642. Phone: 920-424-4105. Fax: 920-424-0292. Application deadline: April 4, 2003.

Women and minorities are encouraged to apply. The University of Wisconsin Oshkosh is an Affirmative Action Equal Opportunity Employer.

**\*WYOMING, LARAMIE 82701-3165.** Remote Sensing - Terrestrial Ecosystems. The Department of Botany, University of Wyoming, seeks a full-time, 9-month, tenure-track **assistant professor in remote sensing of terrestrial ecosystems**, starting August 2003. MAR 03-40.

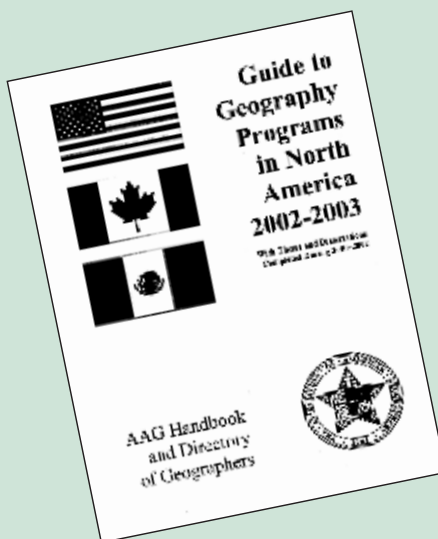
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## Books Received

Anderson, Kay; Domosh, Mona; Pile, Steve; and Thrift, Nigel, eds. *Handbook of Cultural Geography*. Thousand Oaks, CA: Sage, 2003. 580 and 19 pp., \$125.00, ISBN 0-7619-6925-X.

Borden, Iain, Kerr, Joe, Rendell, Jane, and Pivarro, Alicia, eds. *The Unknown City: Contested Architecture and Social Space*. Cambridge, MA: MIT Press, 2002. 533 and 27 pp., \$32.95, ISBN 0-262-52335-3.

Connell, John and Gibson, Chris. *Sound Tracks: Popular Music, Identity, and Place*. London and New York: Routledge, 2003. 320 and 12 pp., \$29.95, ISBN 0-415-17028-1.

Cowen, Tyler. *Creative Destruction: How Globalization is Changing the World's Cultures*. Princeton, NJ: Princeton University Press, 2002. 179 and 7 pp., \$27.95, ISBN 0-691-09016-5.

Dowdeswell, Julian and Hambrey, Michael. *Islands of the Arctic*. New York: Cambridge University Press, 2002. 280 and 14 pp., \$38.00, ISBN 0-521-81333-6.

Driesen, David M. *The Economic Dynamics of Environmental Law*. Cambridge, MA: MIT Press, 2003. 268 and 8 pp., \$24.95, ISBN 0-262-54139-4.

Frederic, Paul B. *Canning Gold: Northern New England's Sweet Corn Industry: A Historical Geography*. Lanham, MD: University Press of America, 2002. 222 and 14 pp., \$60.00, ISBN 0-7618-2199-6.

Geyer, H.S., ed. *International Handbook of Urban Systems*. Northampton, MA: Edward Elgar, 2002. 610 and 28 pp., \$185.00, ISBN 1-84064-900-3.

Glennon, Robert. *Water Follies: Groundwater Pumping and the Fate of America's Fresh Waters*. Washington, DC: Island Press, 2002. 314 and 10 pp., \$25.00, ISBN 1-55963-223-2.

Hardwick, Susan Wiley. *Mythic Galveston: Reinventing America's Third Coast*. Baltimore: Johns Hopkins University Press, 2002. 175 and 12 pp., \$42.95, ISBN 0-8018-6887-4.

Heikkila, Eric and Pizarro, Rafael, eds. *Southern California and the World*. Westport, CT: Praeger, 2002. 227 and 10 pp., \$64.95, ISBN 0-275-97112-0.

Kelman, Ari. *A River and Its City: The Nature of Landscape in New Orleans*. Berkeley, CA: University of California Press, 2003. 283 and 13 pp., \$29.95, ISBN 0-520-23432-4.

Mannheim, Steve. *Walt Disney and the Quest for Community*. Burlington, VT: Ashgate, 2002. 199 and 18 pp., \$49.95, ISBN 0-7546-1974-5.

Mirsepassi, Ali, Basu, Amrita, and Weaver, Frederick, eds. *Localizing Knowledge in a Globalizing World: Recasting the Area Studies Debate*. Syracuse, NY: Syracuse University Press, 2003. 264 and 13 pp., \$19.95, ISBN 0-8156-2982-6.

Sack, Robert David, ed. *Progress: Geographical Essays*. Baltimore: Johns Hopkins University Press, 2002. 140 and 16 pp., \$48.00, ISBN 0-8018-6872-6.

Steinitz, Carl, Arias, Hector, Bassett, Scott, Flaxman, Michael, Goode, Tomas, Maddock, Thomas, III, Mouat, David, Peiser, Richard, and Shearer, Allan. *Alternative Futures for Changing Landscapes: The Upper San Pedro River Basin in Arizona and Sonora*. Washington, DC: Island Press, 2003. 202 and 15 pp., \$30.00, ISBN 1-55963-222-4.

Thomas-Hope, Elizabeth. *Caribbean Migration*. Kingston, Jamaica: University of the West Indies Press, 2002 (update of 1992 version). 184 and 8 pp., \$20.00, ISBN 976-640-126-8.

Verbyla, David L. *Practical GIS Analysis*. London and New York: Taylor and Francis, 2002. 294 and 9 pp., \$35.00, ISBN 0-415-28609-3.

Whatmore, Sarah. *Hybrid Geographies: Natures, Cultures, Spaces*. Thousand Oaks, CA: Sage, 2002. 225 and 13 pp., \$74.95 cloth; \$29.95 paper, ISBN 0-7619-6567-X.

Williams, Michael. *Deforesting the Earth: From Prehistory to Global Crisis*. Chicago: University of Chicago Press, 2003. 689 and 26 pp., \$70.00, ISBN 0-226-89926-8.

Williams, Zane. *Double Take: A Rephotographic Survey of Madison, Wisconsin*. Madison, WI: University of Wisconsin Press, 2002. 234 pp., \$45.00, ISBN 0-299-17820-X. ■

## Call for Papers

### GeoTropico

**G**eoTropico is to be published on the Internet twice a year beginning in 2003. Papers can be submitted in English, Spanish, and Portuguese. By and large, contributions are evaluated and accepted through the peer-reviewed system in order to ensure that articles published are "good science." Authors are advised to check the style sheet and editorial instructions on the preliminary pages of the site at [www.GeoTropico.org/](http://www.GeoTropico.org/).

Topics dealing with the tropical realm still conserve the suggestive attraction coming from the times of Humboldt. And nowadays, the inter-tropical regions are replete with problems whose research importance has become wider through the perspective of a globalized world. We intend to contribute as much as possible to disseminate scholarly studies dealing with low-latitude areas of both the New and the other continents. The Internet is an expeditious and effective means for

that purpose. Furthermore, we believe that science can and should be disseminated free of charge to any reader. In this line of thought, we have adhered to the Budapest Open-Access Initiative (14 February 2002). Consequently, GeoTropico is a fully free scholarly periodical. (Copyright restriction will be applied only to give the publisher and authors "control over the integrity of their work and the right to be properly acknowledged and cited.") ■

## 2003

### APRIL

2-6. 18th Annual Symposium, U.S. Chapter of the Association for Landscape Ecology. Banff, Alberta, Canada. [www.zoo.utoronto.ca/US-IALE\\_2003](http://www.zoo.utoronto.ca/US-IALE_2003).

9-11. California GIS Conference. Palm Springs, CA. Contact [leann03@pacbell.net](mailto:leann03@pacbell.net) or visit [www.calgis.org](http://www.calgis.org).

9-12. Association of Arid Land Studies. Las Vegas, NV. Contact Richard Francaviglia at [francaviglia@uta.edu](mailto:francaviglia@uta.edu) or visit [www.wssa.asu.edu/](http://www.wssa.asu.edu/).

9-12. Western Social Science Association 45th Annual Meeting. Los Vegas, Nevada. Contact Richard Green [green@geog.niu.edu](mailto:green@geog.niu.edu).

### MAY

5-9. American Society for Photogrammetry and Remote Sensing Annual Meeting. Anchorage, AK. Call 301-493-0290 or visit [www.asprs.org/alaska2003](http://www.asprs.org/alaska2003).

14-18. **Nations, States, Drugs and Terrorism: Collusions and Conflicts**. Washington, DC. Co-sponsored by the AAG. [www.usm.maine.edu/gany/Conference2002.htm](http://www.usm.maine.edu/gany/Conference2002.htm).

19-21. Geospatial World (Intergraph Users Conference). New Orleans, LA. Contact [gis@ingr.com](mailto:gis@ingr.com) or visit [www.intergraph.com/geospatialworld](http://www.intergraph.com/geospatialworld).

22-24. Geo-Nexus: Research in Geographic and Environmental Education. San Marcos, Texas. Contact Judy Behrens at [jb42@swt.edu](mailto:jb42@swt.edu) or visit <http://www.geo.swt.edu/grosvenor/>.

### JUNE

2-5. Towson University GIS Conference. Towson, MD. <http://cgis.towson.edu/tugis2003>.

14-18. American Geophysical Union Conference on Ecosystems Interactions with Land Use Change. Santa Fe, NM. [www.agu.org/meetings/cc03acall.html](http://www.agu.org/meetings/cc03acall.html).

15-18. International Conference on Military Geology and Geography. West Point, NY. Contact Peter Anderson at [bp5223@exmail.usma.army.mil](mailto:bp5223@exmail.usma.army.mil).

## JULY

6-11. Summer Institute in Economic Geography. Madison, WI. Contact [olds@geography.wisc.edu](mailto:olds@geography.wisc.edu).

7-11. ESRI International User Conference. San Diego, CA. Contact [uc2003@esri.com](mailto:uc2003@esri.com) or visit [www.esri.com](http://www.esri.com).

13-18. **International Medical Geography Symposium**. Co-sponsored by the AAG Medical Geography Specialty Group. University of Manchester, UK. [www.art.man.ac.uk/Geog/imgs/](http://www.art.man.ac.uk/Geog/imgs/).

20-22. URISA Public Participation GIS (PPGIS) Conference. Portland, OR. Contact Meg Merrick at [info@urisa.org](mailto:info@urisa.org) or visit [www.urisa.org/PPGIS/ppgis.html](http://www.urisa.org/PPGIS/ppgis.html).

20-29. Society and Environment Interaction under Conditions of Global and Regional Changes (IGU Topical Conference). Moscow and Barnaul (Altai), Russia. Contact [igras@igras.geonet.ru](mailto:igras@igras.geonet.ru).

21-25. International Geoscience and Remote Sensing Symposium (IGARSS). Toulouse, France. Contact [conference.services@ieee.org](mailto:conference.services@ieee.org) or visit [www.ieee.org](http://www.ieee.org).

## SEPTEMBER

3-5. Geography, Serving Society and the Environment, RGS-IBG Annual Conference. London, UK. Contact [rhed@rgs.org](mailto:rhed@rgs.org) or visit [www.rgs.org/ACLondon2003](http://www.rgs.org/ACLondon2003).

17-20. **AAG Pacific Coast Division Meeting**. Portland, OR. Contact: Martha Works at 503-725-3165, [mworks@geog.pdx.edu](mailto:mworks@geog.pdx.edu) or Keith Hadley at 503-725-3078, [hadley@pdx.edu](mailto:hadley@pdx.edu).

## OCTOBER

2-4. **AAG Great Plains/Rocky Mountain Division Meeting**. Manhattan, KS. Contact John A. Harrington, Jr. at [jharrin@k-state.edu](mailto:jharrin@k-state.edu) or visit [www.ksu.edu/geography/conf/confindex.htm](http://www.ksu.edu/geography/conf/confindex.htm).

10-11. **AAG New England St. Lawrence Valley Division Meeting**. New Britain, CT. Contact Richard W. Benfield at [benfieldr@ccsu.edu](mailto:benfieldr@ccsu.edu) or 860-832-2879, or visit [www.geography.ccsu.edu](http://www.geography.ccsu.edu).

11-15. URISA Annual Conference. Atlanta, Georgia. [www.urisa.org](http://www.urisa.org).

12-19. The Caribbean-North American Connection, 35th Annual Meeting of the Pioneer America Society. Bridgetown, Barbados. Contact W. Frank Ainsley at 910-962-3493 or [ainsleyf@uncw.edu](mailto:ainsleyf@uncw.edu).

16-18. **AAG East Lakes and West Lakes Regional Division Meeting**. Kalamazoo, MI. Contact Lisa DeChano at 269-387-3536 or [ldechano@wmich.edu](mailto:ldechano@wmich.edu), or visit [www.wmich.edu/geography/eastlakes/](http://www.wmich.edu/geography/eastlakes/).

23-25. **AAG Southwestern Division Meeting**. Stillwater, OK. Contact Brad Bays, 405-744-6250 or [bbays@okstate.edu](mailto:bbays@okstate.edu).

## NOVEMBER

18-21. CARIS 2003 Gateways in Geomatics Conference. St. Louis, MO. Contact [caris2003@caris.com](mailto:caris2003@caris.com) or visit [www.caris.com/caris2003](http://www.caris.com/caris2003).

23-25. **AAG Southeastern Division Meeting**. Charlotte, NC. Contact L. Allen James, Department of Geography, University of South Carolina, Columbia, SC 29208, or [ajames@gwm.sc.edu](mailto:ajames@gwm.sc.edu), 803-777-5236.

## DECEMBER

6-10. American Geophysical Union (AGU) Fall Meeting. San Francisco, CA. Contact [meetinginfo@agu.org](mailto:meetinginfo@agu.org) or visit [www.agu.org/meetings](http://www.agu.org/meetings).

9-13. 12th International Conference of Historical Geographers. Auckland, NZ. [www.geog.auckland.ac.nz/ichg2003](http://www.geog.auckland.ac.nz/ichg2003).

## 2004

14-19. **March. AAG 100th Annual Meeting**. Philadelphia, PA. [www.aag.org](http://www.aag.org).

15-20. **August**. Glasgow, UK. The 30th Congress of the International Geographical Union. Contact [www.meetingmakers.co.uk/IGC-UK2004](http://www.meetingmakers.co.uk/IGC-UK2004).

## 2005

5-9. **April. AAG 101st Annual Meeting**. Denver, CO. [www.aag.org](http://www.aag.org).

## 2006

7-11. **March. AAG 102nd Annual Meeting**. Chicago, IL. [www.aag.org](http://www.aag.org). ■

The March 1978 issue of the AAG *Newsletter* contained notice about the Annual Meeting of the Middle Atlantic Division of the AAG, held on 11 February 1978 in College Park, Maryland. Over 100 geographers from the division and adjacent divisions attended and **Dr. Daniel P. Beard**, Deputy Assistant Secretary for Land and Water Resources, Department of the Interior, was the featured luncheon speaker...The AAG

issued a call for photographs of "geographers in action," to be used by various career guidance publishers or government agencies to illustrate their works...**William A.V. Clark**, Professor of Geography at UCLA, was appointed Associate Director of the Institute for Social Science Research at UCLA, an interdisciplinary organization encouraging collaborative research between faculty in the various social science departments

as well as cooperative projects with members of the professional schools at the University. Professor Clark along with **James Huff**, Assistant Professor of Geography at UCLA, **Terence Smith**, Assistant Professor of Geography at UC, Santa Barbara, and **Perry Shapiro**, Associate Professor of Economics at UC, Santa Barbara, was awarded a NSF grant of \$138,000 for "Decision Making and Search Models of Intraurban Migration." ■

### MOVING? HAVE YOU RECENTLY MOVED?

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