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Geographers Fare Well in NSF Interdisciplinary Competitions

Demonstrating clearly that geography is a disciplinary perspective that promotes interdisciplinary research, geographers were critical parts of almost twenty interdisciplinary teams that won awards during major cross-foundation competitions in FY 2004. Following are projects that received awards in three major competitions. (To learn more about any of these awards, visit www-livecds.nsf.gov/awardsearch/index.jsp.)

Decision Making Under Uncertainty (DMUU) Center Award:

- **Patricia Gober** (Arizona State University), "DMUU: Decision Center for a Desert City: The Science and Policy of Climate Uncertainty" received a five-year award expected to total \$6.9



Gober

million. (Geographers Robert Balling, Anthony Brazel, Andrew Ellis, Michael Kuby, and Elizabeth Wentz are senior personnel.)

- Robert Lempert (Rand Corporation), "DMUU: Improving Decisions in a Complex and Changing World" received a five-year award expected to total about \$2.4 million. (Oceanographer/geographer David Siegel is one of the senior personnel.)
- Roger Pielke, Jr. (University of Colorado-Boulder), "DMUU: Science Policy Assessment and Research on Climate (SPARC) for Decision

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Powwow in Denver

Following the opening session of the AAG Annual Meeting in Denver, the Indigenous Peoples Specialty Group (IPSG) will sponsor a demonstration powwow performance as one of several events highlighting Indian culture and scholarship in the region. While to the uninitiated, powwows can seem a confusing tangle of arms, legs, and unfamiliar customs, they in fact represent an important spatial focus of Indian culture. This article is intended to help those attending the demonstration get more out of the experience by focusing on the basics of powwows and their geography.

Powwow Basics

Powwows are often touted as traditional Indian gatherings where ancient and sacred tribal traditions are preserved, yet they are neither ancient nor traditional. Instead, powwows are a relatively recent response to the post-conquest conditions in which many Indian peoples have found themselves. The powwow is a pan-Indian gathering that promotes "Indian" identity and culture (derived in large part from Plains cultures) at the expense of local, tribal cultures. With some fairly minor regional variations, powwows

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The Indigenous Peoples Specialty Group will sponsor a powwow demonstration at the AAG Annual Meeting in Denver.
Photo by Zoltan Grossman.

INSIDE: AAG Election and Candidate information on page 5.

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The AAG Washington Monitor

It has been a draining campaign season, but now that Election Day has come and gone and President Bush has won a second term, it's important to think about what the results will mean for geography and the scientific community as a whole. Among the most important impacts of the election for researchers will be federal funding issues and the budget crunch. The president campaigned, though he has not necessarily governed, as a fiscal conservative, and the rumblings in Washington are that with a few exceptions, domestic discretionary budgets are going to be tightened significantly. This is due in large part to the record deficits the government is currently facing.

NSF

At the National Science Foundation (NSF), small increases near the rate of inflation have become the norm in recent years. This is likely to continue over the next few years, though new Director Arden Bement will push for as much funding as he can get. While NSF can be grateful that it likely won't see the extreme budget cuts that other agencies are facing, it is nonetheless disappointing that the significant increases called for in the reauthorization act of 2002 will never materialize. The Geography and Regional Sciences program, under the able leadership of Tom Baerwald and Greg Chu, has been successful at joint funding with other programs and with NSF cross-directorate initiatives of late, and hopefully that trend will continue.

USGS

Things could be tough at the U.S. Geological Survey (USGS). For the past several years, the administration has been trying to hold the agency's appropriation around \$920 million. While Congress has seen fit to increase this figure slightly on a year-by-year basis, the fact remains that the survey's budget is likely to be flat-lined for the immediate future. This could hinder the agency's efforts to become more

interdisciplinary and enhance the Geography Program Division and the new National Geospatial Programs Office. This latter office was created by USGS Director Chip Groat in August to allow the agency's geography program to focus on research and to enhance the survey's geographic data leadership. It has been charged with overseeing the National Map.

ROI of Basic Research

Another major item worth watching is the continued implementation of the President's Management Agenda. Since he took office, President Bush has been focusing on the effectiveness and the return on investment (ROI) of all federal outlays. To do this, the administration has been using the Program Assessment Rating Tool (PART), a set of thirty questions aimed at measuring the relevance, quality, and performance of all government programs on a yearly basis. The PART scoring is used primarily for setting budget priorities. This has raised flags in the scientific community, where concerns abound about the difficulty of measuring the performance and ROI of basic research, the results of which may often not be apparent for several years.

Marcus Peacock, Associate Director at the U.S. Office of Management and Budget has sought to reassure science advocates, asserting that the PART system doesn't hold basic research to an unrealistic standard. He has noted that several of the PART questions are tailored for use in evaluating accounts that fund basic research and has stated that failure can sometimes be considered an acceptable outcome of basic research. Furthermore, Peacock told a National Academies committee that federal research and development programs generally get high PART scores and that the House Science Committee has supported the use of PART to evaluate basic research spending.

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Geography and Interdisciplinarity – An Opportunity?

At the Race/Ethnicity and Place Conference in DC this September, Orlando Taylor, Dean and Vice-Provost at Howard University, suggested that we should be less concerned with our disciplinary label “geography” and more concerned about what geographical work brings to important thematic questions. He suggested that Howard (and by implication other institutions) might be more invested in building thematic programs such as a center for the study of Race/Ethnicity and Place rather than a department labeled “geography.” This provocative (and at the time rather disconcerting) statement was made as Professor Taylor engaged constructively with us about the role that geographical research and teaching could play at an institution like Howard. His comments have stayed with me this fall as I have traveled around the country talking to geographers working across the full range of professions and programs.

Professor Taylor’s comments raise two issues that I discuss in this column. First he signals the widespread interest across the academy—from the natural and social sciences to the humanities—in concepts of space, place, and scale and in the spatiality of processes. We must ensure that geographical work, not just geographical concepts, are well represented in this resurgence of interest. Second, his comments draw attention to the growing importance of interdisciplinary centers that include geographical research and geographers in their ranks. These twin trends represent both opportunities and challenges for geography.

Jan Monk summarized these challenges in one of her columns, saying, “it seems unlikely that the movement towards interdisciplinary and hybrid units will diminish in the near future. While remaining vigilant about supporting geography as a distinctive field, we also need to pursue efforts that will permit geographers to survive in new territories and to learn how to build and sustain interdisciplinary ties.”

(December 2001 *AAG Newsletter*). She encourages us not to be defensive, but rather to pursue dual strategies of strengthening the core of geographical research in departments, while also embracing this trend. As we all know, geographers are working in a dizzying array of programs: population institutes, international and/or globalization studies, environmental studies, women studies, public health programs, development studies, ethnic studies, planning programs, law and society studies, earth sciences, and many more. The growth of interdisciplinary programs is a trend that will continue and we have to think strategically and constructively about the health of both geography departments and geographical research in this context.

At our fall AAG Council Meeting in Sioux Falls we discussed news from each of our regional divisions and learned that South Dakota State University is collaborating with the USGS EROS Data Center on a new Center for Excellence. This investment will bring new hires in geography and a new PhD program in Geospatial Science and Engineering to the region. In a similar vein, we learned that University of Toledo in Ohio is building a brand new interdisciplinary PhD in Spatial Social Sciences, with a lead role for geographers and a series of new faculty hires. The hiring plan for this initiative can be found at <http://spatial.socsci.utoledo.edu>. This proposed PhD program accompanies the department's Geographic Information Science and Applied Geographics Center, which is one of six centers of excellence designated for resource enhancement on the Toledo campus.

This widespread interest in geographical research is good news for the discipline. Interdisciplinary programs allow us to gain access to institutions that don't

have geography departments and in the process, we can potentially expand the presence of geography in those places. This is not pure idealism. I already mentioned the discussions between the AAG and Howard University above. In addition, several Ivy League universities have recently been in contact with the AAG as they are taking a second look at geographic research and curriculum.

Geographers are also joining interdisciplinary research and teaching teams to address complex societal questions for which a spatial approach is crucial but not sufficient. For example, the National Science Foundation is investing in three national centers investigating human decision-making under climatic uncertainty. (See page

1, this issue.) Taking advantage of these sorts of initiatives can position geography very strongly. For example, Pat Gober at Arizona State University is co-director of the new NSF-funded Decision Center for a Desert City. This high-profile center includes Arizona State's President as one member of an interdisciplinary research team and brings in \$6.9 million to the university to investigate the complex relationships between a rapidly growing urban population, finite water resources, and climatic uncertainty.

Collaborating with interdisciplinary programs can provide other tangible resources to geography departments. At the University of Washington, we are experiencing tight budgets and very limited resources for faculty hiring and graduate student support. We worked with the international studies program on campus to create a joint position in order to hire a new colleague. This same program provides teaching and funding opportunities for our graduate students and this helps to offset belt-tightening in geography. I am not suggesting that we

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Lawson

Interdisciplinarity from page 3

turn to these programs to ameliorate a reduction in funding to geography, but rather that through collaboration, we may continue to grow in faculty numbers and graduate admissions within geography itself. Being present and active in programs such as international studies, women studies, and public health on campus, we can both fund our existing students and also attract new and talented students into geography.

Another, perhaps more abstract, advantage of our participation within interdisciplinary programs is that we are constantly asked to explain our intellectual identity as geographers. While many of us find the stereotypes about geography annoying, this can be a valuable exercise that allows us to be clear and articulate with

colleagues from across the institution about what a spatial perspective brings to the table.

At the same time, this emphasis on interdisciplinarity presents some challenges and we must think strategically about the strength of our core discipline. We must think hard about the pros and cons of engaging with interdisciplinary programs in specific institutional settings. We must always ask "what is the attitude of my university/college and what impact might this have on my home department?"

It is very important to keep geography departments strong in their own right. In some cases, particularly for undergraduates, and perhaps even graduate students, the process of learning and articulating disciplinary identity is hard

work that is best done within a geography department. Within departments, students can take risks in learning to articulate their geographical identity without fear of it being subsumed before it is understood. This groundwork of training students in spatial analytical and theoretical work is best done within geography departments before they enter an interdisciplinary and competitive world of ideas. Of course, it is equally important to maintain strong and supportive institutional spaces for basic research within our field in order to then be able to take our understandings into an interdisciplinary context.

Victoria A. Lawson
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Geographic Polarization

As a final note about the election returns, it's clear that the country is sharply divided on a geographic basis. While President Bush swept the Plains and the South, Democrats abound on the coasts and in the Midwest's industrial centers. Several maps have attempted to depict voting patterns in ways that reflect a closer division within states, or that weight voting results by population

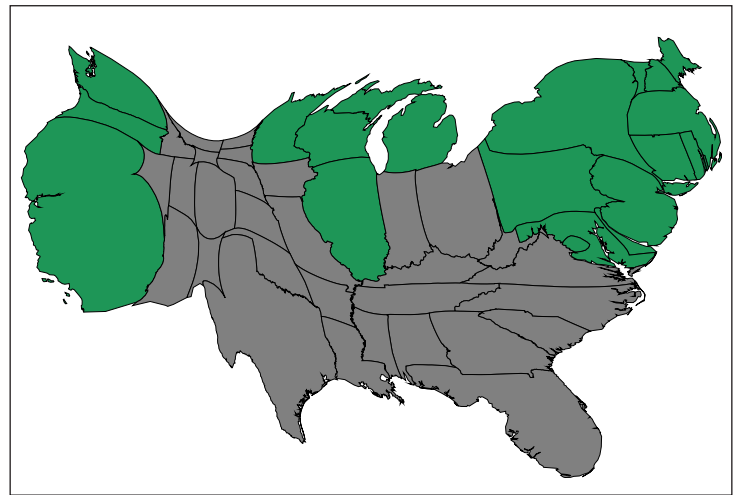
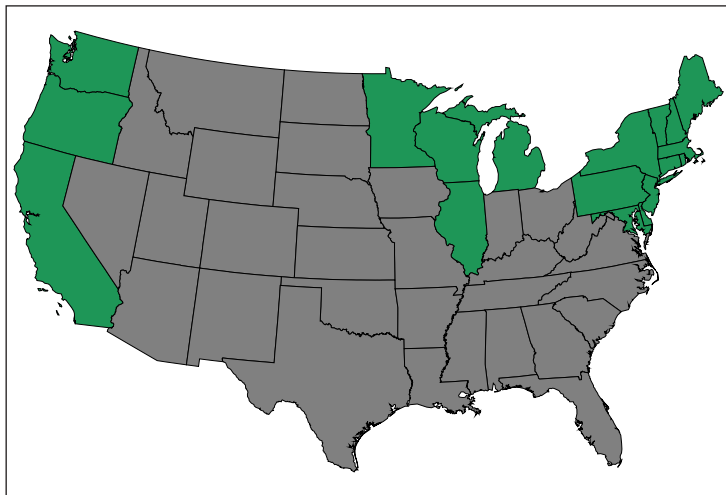
rather than area. One of these is below. For other innovative cartograms of the election results—similar to the cartograms pioneered by geographer Waldo Tobler in the 1970s—visit www.personal.umich.edu/~mejn/election/.

It will be incumbent upon the president in the next four years to govern in a manner that acknowledges these divisions and seeks to unify the nation after a second bitter presidential election. The

political capital may be on his side but we all hope he can focus his second term on being a leader for all of America, and the world as well. The AAG will be working hard to ensure that geography's voice is heard.

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Left: Traditional election results map. Right: Cartogram of 2004 election results with population determining the size of the state (i.e., greater population, larger state). Democratic states in green, Republican states in gray. Maps by Michael Gastner, Cosma Shalizi, and Mark Newman, University of Michigan.

Candidates for Officers, Councillors, and Elected Committees

Please review the backgrounds and statements of the following candidates for AAG office. Ballots will be mailed to members in good standing in December. Please return them promptly.

PRESIDENT (one to be elected)



RICHARD A. MARSTON. Sun Chair Professor, Oklahoma State University (1999-present); Professor, University of Wyoming (1986-99), University of Texas-El Paso (1980-86). PhD and MS (Oregon State University, 1980, 1976), BA (UCLA, 1974).

Service to Geography and the AAG: AAG Vice President (2004-05); Co-Editor-in-Chief, *Geomorphology* (1999-present); AAG Healthy Departments Committee (2004-present); AAG Secretary (1997-99); AAG Regional Councillor (1996-99); AAG Division Chair (1990-91); AAG Geomorphology Specialty Group Chair (1986-87); Developed *Ask a Geographer* link on AAG Web site (1999); Geosciences Board of Advisors, Oregon State University (2002-present); Associate Editor, *Annals of the AAG* (1991-93); Editorial Board, *Journal of Geography* (1988-99); seven NSF and EPA review panels.

Awards, Honors, Grants: AAG Distinguished Service Honors (2003); Fulbright-Hays Research Award to France (1993); AAG Applied Geography Specialty Group Citation Award (with W.J. Lloyd, 1984); AAG Warren Nystrom Award (1981); U.S. EPA Special Achievement Award (1977). PI or Co-PI on forty-one university grants totaling over \$1.4 million from federal (e.g., NSF, EPA, USDA, USGS, NPS) and state sources, private business, foundations.

Research and Teaching Interests: geomorphic interactions with other earth systems and with human activities, water resources, mountain geography.

Publications: Nine co-edited books or monographs, including *Effects of Human-Induced Changes on Hydrologic Systems*, *Changing the Face of the Earth-Engineering Geomorphology*, *Wyoming Water Atlas* (with Ostresh & Hudson); forty-one

refereed journal articles and book chapters (e.g., *Annals of the AAG*, *Geomorphology*, *Physical Geography*, *Mountain Research and Development*, *Progress in Physical Geography*, *WorldMinds: Geographical Perspectives on 100 Problems*, *Geographic Information Science and Mountain Geomorphology*); sixty consulting/technical reports.

Statement: Geography needs to grow as a discipline in both size and influence, and the AAG can lead in this effort. The "Geographic Advantage" in human-environment studies calls for greater interaction between physical and human geographers employing quantitative and qualitative geospatial technologies. Overall, I am looking to give attention to the "...shared experiences and forward-looking discussions that engage core concepts and intellectual issues of importance for the discipline as a whole, and for the larger world." Geographers should seek research-teaching partnerships with colleagues in cognate disciplines to improve our stature. The AAG needs to reach out to applied geographers, specialists in geospatial data analysis techniques (e.g., GIS, remote sensing), women and minorities, geographers employed in the community college, and retired geographers. If elected, I will explore ways to use AAG meetings, publications, and member services to:

- highlight the creative work of basic and applied geographers that emphasizes our core themes and common ground;
- strengthen geography in the U.S. Geological Survey;
- support strategic initiatives of the AAG Diversity Task Force and AAG Standing Committee on Membership to make the AAG more inclusive;
- build the AAG Centennial Endowment Fund, started by Past President Nellis, and the new Mel Marcus Fund for Advancing Physical Geography
- organize plenary sessions at annual meetings that bring together physical and human geographers interested in our common ground between, as articulated in the "Geographic Advantage"

VICE PRESIDENT (one to be elected)



KAVITA PANDIT. Professor and Head, Department of Geography, University of Georgia. PhD, MA, MCRP (Ohio State University, 1987, 1983, 1981), B.Arch. (Bombay University, 1978).

Service to Geography: AAG Secretary (2003-present); AAG Councillor, Southeast Division (2002-present); Geography Faculty Development Alliance Workshop leader (2004, 2003); Editorial Board, *Southeastern Geographer* (2003-present, 1992-96); Chair, AAG Population Specialty Group (2003-04); NSF Geography and Regional Science Senior Panel (1999-2001); Associate Editor, *Geographical Analysis* (1997-2002); President, Southeastern Division of the AAG (1997-99); AAG International

Research and Scholarly Exchange Committee (2002-05, 1993-99); Board Member, Committee on the Status of Women in Geography in the Southeast (1992-99).

Honors and Awards: UGA Institute of Behavioral Research Fellowship (1993-99); Sandy Beaver Award for Outstanding Teaching, UGA (1992); Sarah Moss Fellowship, UGA (1990-91); International Institute of Applied Systems Analysis, Young Scientist Summer Program, Austria (1990); Lilly Teaching Fellowship, UGA (1988-89); AAG Nystrom Dissertation Award Finalist (1988); research grants from the NSF and HUD.

Research and Teaching Interests: immigration, population geography, Third World development, geography education.

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Publications: Coeditor of *Migration and Restructuring in the United States: A Geographic Perspective* (Rowman and Littlefield, 1999); Over forty articles in refereed journals, book chapters, and conference proceedings in, e.g., *Annals of the AAG*, *The Professional Geographer*, *Geographical Analysis*, *Journal of Geography*, *Economic Geography*, *Population, Place, and Space*, *International Trade Journal*, *Regional Studies*, *Environment and Planning A*, *Growth and Change*.

Statement: The discipline and AAG have seen positive developments in the past few years. The number of students majoring in geography is rising, we are gaining a voice in public policy, and AAG membership is at an all time high. Yet, we face a number of challenges as we move forward. Geography departments find themselves in a vulnerable position as universities slash budgets by downsizing or eliminating programs. The breadth of geographic scholarship continues to be limited by the absence of diversity in our discipline. The trend toward specialization carries with it the risk of fragmentation. In response, we need to continue to highlight the centrality of our discipline to external audiences while ensuring that we create spaces for professional and intellectual exchanges between geographers in different subfields, in small and large programs, and in different settings—academia, government, and private sector.

If elected, I will: (1) Work to further the "Healthy Departments" initiative begun by Vicky Lawson to strengthen our voice in higher education; (2) Support the efforts of lone geographers working in non-geography programs and in smaller schools; (3) Engage with geographers working in historically black colleges and universities to reach out to minority students; (4) Build on the successes of the AAG specialty conferences that bring geographers together with policymakers and academics from other disciplines; and (5) Support ongoing efforts in the area of early career faculty development.



ERIC S. SHEPPARD. Professor of Geography, University of Minnesota, Assistant Professor to Professor (1976-present). PhD and MA (University of Toronto, 1972-76), BSc (University of Bristol, 1969-72).

Research and Teaching Interests: geographies of economic change and inequality; environmental justice; geographic information technologies and society; urban policy and politics; critical human geography; modeling geographical change; philosophy and method.

Professional Service: Vice Chair and Chair, AAG Economic Geography Specialty Group (2000-04); Co-Editor, *Environment and Planning A* (1998-present),

Antipode (1985-91); Editorial Board, *Annals of the AAG* (1981-84; 97-99), *Canadian Geographer* (1994-2001); Member, National Research Council Committee on Geography (1998-2002); Member, NSF Geography and Regional Science panel (1988-2000); Chair, North American Regional Science Association Council (1998-99); Chair, NCGIA Geographies of the Information Society Panel (1997-99); Member, NCGIA Board of Directors (1993-96); Member, NCGE Education Standards Advisory Board (1993-95); Chair, Department of Geography, University of Minnesota (1990-93); Chair, AAG Socialist Geography Specialty Group (1990-91); Member, AAG Program Committee (1986).

Honors and Awards: Fellow, Center for Advanced Studies in the Behavioral Sciences (2005-06); Distinguished Alumnus Award, University of Toronto (2004); Fesler-Lampert Humanities Professor, University of Minnesota (2002-04); Scholar of the College of Liberal Arts (2001-04); Distinguished Scholarship Honors, AAG (1999); twenty-two grants for research and instruction (\$500,000) from NSF and other sources.

Publications: Over ninety refereed articles and book chapters in, e.g., *Annals of the AAG*, *Antipode*, *Environment and Planning A*, *Cartography and GIS*, *Economic Geography*, *Geographical Analysis*, *Journal of Regional Science*, *Society & Space*, *The Canadian Geographer*, *The Professional Geographer*, *Urban Geography*. Six co-authored and edited books, including: *The Capitalist Space Economy*, *A World of Difference*, *Companion to Economic Geography*, and *Scale and Geographic Inquiry*.

Statement: Geography's potential, in an interdependent world of progressively specialized academia and policy-making, is considerable. It lies in our ability to range from humanities to the natural sciences; to show how the emergent spatiality of society, and nature, shapes their co-evolution; and to tackle complex public issues that other individual disciplines struggle to grasp. Yet this potential remains underdeveloped, and our efforts to publicize it remain incomplete. This potential can only be approached if we deepen our own intellectual exchanges, broaden our palette of participants, and become a more public discipline. As Vice President, I will ask us to move Geography beyond an appreciation of our different approaches toward mutual engagement across them. I will urge us to strengthen Geography by diversifying its participants, and by learning from insights rooted in the distinctive geographic experiences of the global south. I will push us to engage with multiple publics (media, officials, think tanks, NGOs, and communities), and carry Geography into all walks of life. I will ask the Council to implement Diversity Task Force recommendations, evaluate the effectiveness of initiatives promoting Geography, and assess the value of AAG membership.

NATIONAL COUNCILLOR (two to be elected)



RICHARD J. ASPINALL. Professor of Geography, Arizona State University. PhD (University of Hull, 1982), BSc (Hons) (University of Birmingham, 1978), CGeog (2002).

Service to Geography and AAG. Program Director, Geography and Regional Science Program, NSF (2001-03); AAG GIS SG Past Chair (2004-05) Chair (2003-04), Vice Chair (2002-03); GIS SG Representative to UCGIS (2000); Standing Committee on Geographic Data Standards (1999-2002); USGS Geographic Analysis and Monitoring Science Advisory Committee (USGS) (2003-); Land Use and Land Cover Change Interagency Working Group (2001-03); NASA-Land Grant Universities Geospatial Technical Advisory Committee (1999-2001); Montana Geographic

Information Council (1997-2003); Montana Interagency GIS Technical Working Group (1997-2004); UK National Geospatial Database Research Committee (1996-97); Steering Committee for GIS Research UK (1993-97); IALE UK National Committee (1992-94); Biogeography Research Group Committee (1989-90); Royal Scottish Geographical Society Aberdeen Section Committee (1988-92); Biogeography Study Group Committee (IBG) (1987-90).

Professional Experience. Professor and Chair, Department of Geography, Arizona State University (2004-); Professor of Geography, Department of Earth Sciences, and Director, Geographic Information and Analysis Center, Montana State University (1997-2004); Research Scientist, Macaulay Land Use Research Institute (1987-97); Lecturer, University of Newcastle upon Tyne (1983-87); Postdoctoral Research Associate, University of Hull (1982-83).

Honors, Awards, Grants. ASPRS ESRI Award (Third Place) 1994 (GIS), ASPRS Intergraph Award (Spatial Data Standards). Forty-two grants since 1997: BLM Joint Fire Science Program, FGDC, FWS National Interagency Fire Center, NASA, NPS, NSF, USDA, USFS, USGS.

Research and Teaching Interests. land use, biogeography, geomorphology, integrated modeling of natural and human systems, and basic and applied GIScience.

Publications. One edited book, *Spatial Information for Land Use Management* (2000). Over sixty-five papers in refereed journals and book chapters including: *Journal of Biogeography*, *Geomorphology*, *Applied Geography*, *Area*, *IJGIS*, *Journal of Geographical Systems*, *Photogrammetric Engineering and Remote Sensing*, *Journal of Environmental Management*, *Environment and Pollution*, *Environmental Pollution*, *Climate Change*, *Cold Regions Science and Technology*, *Biological Invasions*, *Ecological Applications*, *Ecological Modelling*, *Journal of the Zoological Society of London*.

Statement: Geography has enormous potential to establish itself as the central discipline in interdisciplinary science and social science. There is growing interest in geographic approaches from other disciplines and in addressing questions that have social, economic, and environmental importance through interdisciplinary science. The AAG has a clear and important role to play in these developments, providing leadership to the discipline as it establishes itself in the context of interdisciplinary science. To accomplish this role research and education agendas are needed in AAG that engage a full diversity within the discipline and that demonstrate the value of geographic synthesis, integration and analysis in linking natural and social science. The agendas should be targeted to attract increasing numbers of students, especially minorities, develop individual and disciplinary skills in leadership in science and society, and develop the discipline as the core of novel approaches that expand the contribution of geography.



CAROL HARDEN. Professor of Geography, University of Tennessee. BA (Middlebury College, 1970); MA, PhD (University of Colorado, 1974-75, 1983-87).

Professional Service to AAG: Member, Long-range Planning Committee (2000-03); Honors Committee (Member 1997-2000 Chair, 1998-99); Geomorphology Specialty Group (Chair 1997-98, Secretary-Treasurer 1996-97, Advisory Board 1998-2001, AAG representative to IAG 2001); Mountain Geography Specialty Group (Chair, Honors Committee 1999-2000); Member, Globe Award Committee (2004-).

Other Professional Service: Publications Officer and Executive Committee member, International Association of Geomorphologists (2003-05); Steering Committee member, Binghamton Geomorphology Symposia (2004-); National Research Council Committee on Research Priorities in Geography at the U.S. Geological Survey (2000-03); Editorial Boards: *The Professional Geographer* (1993-present), *Mountain Research and Development* (1993-2003), *Southeastern Geographer* (1996-2003); NSF Water Cycle Studies Panel (2002); SEDAAG committees (1991-93, 1998-99); Head, Department of Geography, University of Tennessee (1995-2000).

Honors and Awards: Fulbright Award (2004); Angie Warren Perkins Award, University of Tennessee (1997); Fellow, Explorers Club (1984-96); University of Tennessee awards for teaching and for research. Research funding from NSF, National Geographic Society, USGS, USFS, EPA, State of Tennessee, AAG, and AAAS/NSF).

Research and Teaching Interests: mountain geomorphology, watershed dynamics, human impacts on the natural environment, tropical glaciation, the Andes.

Publications: Peer-reviewed articles in *Geomorphology*, *Physical Geography*, *Environmental Management*, *Ambio*, *Mountain Research and Development*, *Southeastern Geographer*, *National Geographic Research*; one National Academy of Sciences co-authored book; about twenty-five papers in proceedings, book chapters, and reviews.

Statement: First, the gap between the geographer's view of geography and the non-geographer's view remains uncomfortably wide and continues to threaten to marginalize our discipline, even when we think our techniques, perspectives, and themes are central to the needs and concerns of our society. We need to continue to improve our external interfaces. In doing so, we will be more visible to decision-maker, funders, employers, and portions of the population that remain underrepresented in the AAG. Second, because geography derives great strength from a remarkable diversity of research interests and approaches, and because our internal differences and the stresses they produce are essential to our vitality, the AAG should continue to foster internal diversity and welcome the intellectual growth that flows from interaction with related fields. We should continue to promote and hone our collective abilities as integrators, and create a professional home base that serves the changing needs of geographers and potential geographers from industry, government, and other realms, as well as from academia.



MEI-PO KWAN. Professor and Graduate Chair, Department of Geography, Ohio State University. Assistant Professor to Professor (1995-present). PhD (UC Santa Barbara, 1994); MA (UCLA, 1989); B.SoSci. (CU Hong Kong, 1985).

Service to AAG: Vice-Chair (Chair-elect), GIS SG (2004-05). Chair, Committee on the Status of Women in Geography (CSWG) (2003-05). Secretary, Geographic Perspectives on Women SG (2003-05). Board Member, Transportation Geography SG (2003-05). Member, Affirmative Action and Minority Status Committee (2003-05). Member, CSWG (2002-03). Member, Research Grants Committee (2000-03).

Professional Service: Member, Qualitative Methods Subcommittee, Transportation Research Board, U.S. National Academies (2004-present). Member, Board of Directors, UCGIS (2004-05). Leader, Geography Faculty Development Alliance Workshop (2003). Coordinator, SPACE and CSISS Summer Workshop (2001-present). Associate Editor (2003-present), Consulting Editor (2000-03), *Geographical Analysis*. Editorial Board, *Gender, Place and Culture* (2003-present). International Editorial Advisory Board, *The Canadian Geographer* (2002-present). External Geography Program Reviewer (2004). Advisory Panelist or Proposal Reviewer for nine NSF programs (1995-present), Australian Research Council and Austrian Science Fund. Reviewer for over thirty journals.

Honors and Awards: Ameritech Fellowship (2000-01). Forty-five invited lectures, colloquia and presentations at specialist workshops, e.g. Rockefeller Lecture, Dartmouth College (2004), IGERT Distinguished Lecture, UC Davis (2004), Inaugural Ralston Lecture, University of Tennessee (2003). Twenty-six grants totaling over \$1.4 million from NSF, NCGIA, U.S. Department of Transportation, and other sources.

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Research and Teaching Interests: urban, economic and transportation geography, GIS, feminist geography, cultural identities and citizenship, information technologies and social change.

Publications: Over forty articles in refereed journals and books, e.g. *Annals of the Association of American Geographers*; *Economic Geography*; *Geographical Analysis*; *Urban Geography*; *The Professional Geographer*; *Gender, Place and Culture*; *Computers, Environment and Urban Systems*; *Feminist Media Studies*; *Cartographica*; *Area*; *Geografiska Annaler B*; *Environment and Planning B*; *Journal of Geographical Systems*; *Transportation Research B/C*. Five co-edited special issues and thirteen technical reports.

Statement: Recent global and environmental change has highlighted the value of geography for understanding many urgent problems of the contemporary world. Different subfields and their intersections offer powerful geographic insights into a variety of issues. The AAG should play a strong role in increasing the influence and importance of geography in public debates, scientific research, education, and progressive social/global change. If elected, I will work to assist the AAG in: (1) achieving its long-term goals to be relevant to professional geographers and society at large, and to be inclusive and representative of the diverse populations and interests in the discipline; (2) developing approaches and networks to facilitate interaction and collaboration among geographers and scholars in various subfields, disciplines, educational/public institutions, and community organizations; (3) implementing its educational/outreach initiatives that seek to recruit and retain women and minorities in geography, and to increase participation and interest from many audiences, including young people, students with disadvantaged backgrounds, and international audiences.



GRAHAM A. TOBIN. Professor. Department of Geography, University of South Florida. BA (Hons.) (Durham University, England, 1973); PhD (Strathclyde University, Scotland, 1978).

Professional Service: Co-Executive Director/Co-Editor, Applied Geography Conferences (2002-06); Editorial Board, *Southeastern Geographer* (2004 to present); AAG Publications Committee (1999-2003);

Peer Review Panel, NSF/EPA (1999 and 1997); Chair, AAG Hazards Specialty Group (1995-97); President, Sigma Xi, Duluth Chapter (1993-94); Chair, AAG Water Resources Specialty Group (1988-90).

Professional Experience: Professor of Geography, USF (1996 to present); Chair, Department of Geography, USF (1996-2001); Head, Department

of Geography, University of Minnesota Duluth, (1995-96, 1989-92); Associate Vice Chancellor for Academic Administration, UMD (1992-94); Director, Center for Community and Regional Research, UMD (1990-94); Professor, Associate, Assistant, UMD (1987-96); Associate, Assistant, Visiting Professor, University of Iowa (1979-87).

Awards, Honors, Grants: Presidential Excellence Award, USF (2003); Research Honors Award, Southeastern Division AAG (2001); Research Award, UMD, College of Liberal Arts, (1995-96); PI/Co-PI external grants include: NSF, Global Center for Disaster Management and Humanitarian Action, Joyce Foundation, International Hurricane Center, Natural Hazards Center, Florida DOT, Sea Grant, and ESRI.

Research and Teaching: natural hazards, water resources, and environmental impacts.

Publications: Eleven books and edited monographs, over seventy-five refereed articles, proceedings, chapters, twenty-five technical reports, twenty-two book reviews; over 100 conference papers, and more than fifty invited seminars. Journals include *The Professional Geographer*, *Natural Hazards Review*, *Environmental Management*, *Environmental Hazards*, *Disasters*, *Environmental Geochemistry and Health*, *International Journal of Mass Emergencies and Disasters*, *Environment and Behavior*, *Water Resources Bulletin*, *Environmental Professional*, *Journal of Soil and Water Conservation*, *Journal of Geography*, and *Ground Water*.

Statement: Standing waist deep in floodwater while removing possessions from inundated households in 1968, I wondered why people respond as they do to hazards. The flood warning had sounded, but few people reacted because the previous flood had "only reached half way down the high street." So began my interest in floods and the realization that this was more than a hydrological problem. Since then, my hazards research has been well-grounded in scientific principles that combine the physical and social sciences. As a National Councillor, therefore, I can offer a broad understanding of geography, along with many years of experience in academic leadership positions.

Many disciplines, including geography, are grappling with issues of social relevance, yet applied and relevant scholarship must rest on sound foundations that build essential theory and models. Indeed, the vitality of geography depends on mutually respectful and productive relationships between basic research and practical applications, and between an understanding of both the physical and socio-cultural world. Thus, I believe we should pursue our geographic research proudly, seek wide distribution of our publications to both academia and the public, and strive to transfer our excitement to our students through innovative classroom activities and fieldwork.

HONORS COMMITTEE A (one to be elected)



JOSEPH P. STOLTMAN: Professor of Geography and Science Education and University Distinguished Faculty Scholar, Western Michigan University.

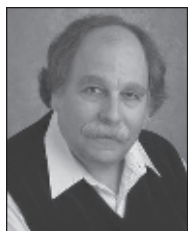
Research and Teaching Interests: Current research includes the analysis and mapping of the impact of content standards and statewide assessment on geography inclusion and student geography achievement

in Michigan. He directs the Master of Arts in Teaching Geography degree program and holds a joint appointment as a faculty member in the Mallinson Institute for Science Education. He serves as PhD dissertation adviser for students in earth science education.

Professional Service: Editor of *Research in Geographic Education*, published in the United States, and co-editor of *International Research in Geography and Environmental Education*, published in the United Kingdom.

Service to the AAG: Member of the design and development team and evaluator for *Activities and Readings in the Geography of the United States* (ARGUS) and *Activities and Resources for the Geography of the World* (ARGWorld), both National Science Foundation supported projects of the Association of American Geographers.

Honors and Awards: AAG, East Lakes AAG, IGU, and NCGE have awarded honors to him for his scholarly and professional work in geographic education. He is a Fellow of the Grosvenor Center for Geographic Education and the Academia de Ciencias Sociales de Mendoza.



CORT J. WILLMOTT. Professor of Geography, University of Delaware (UD). PhD (UCLA, 1977), MA and BA (California State University, Hayward, 1972, 1969).

Research and Teaching Interests: climate variability and change; land surface processes and their influences on climate; water-budget modeling; and quantitative methods, especially spatial estimation and model-performance statistics.

Awards, Honors and Grants: Lifetime Achievement Award, AAG Climate Specialty Group (2004); Distinguished Scholarship Honors of the AAG (2000); PI or Co-PI on approximately twenty federal grants, primarily from NASA and NSF; Award for the Best Student Paper presented at the annual meeting of the APCG (1975).

Selected Service to Geography: Chair, AAG Publications Committee

(2001-04; Member, 1998-present); National Councillor, AAG, (2001-04); Member, committee to review the Geography and Regional Science Program at NSF (1996); Member, Board of Directors, National Center for Geographic Information and Analysis (NCGIA) (1993-96); Member, Rediscovering Geography Committee, NRC/NAS (1993-97); Member, Scholar Adviser Committee, Geography Education Standards Project, NCGE (1993-94).

Publications: Coeditor, *Geography in America... and Spatial Statistics and Models*; author or coauthor of articles in *Agricultural and Forest Meteorology*, *American Cartographer*, *Annals of the Association of American Geographers*, *Bulletin of the American Meteorological Society*, *Climate Research*, *Geophysical Research Letters*, *Global and Planetary Change*, *International Journal of Climatology*, *Journal of Climate*, *Journal of Geophysical Research*, *Journal of Applied Meteorology*, *Physical Geography*, *The Professional Geographer*, *Solar Energy*, *Theoretical and Applied Climatology*, *Water Resources Research*; author of pieces in books, monographs, and proceedings.

HONORS COMMITTEE B (two to be elected)



SHARMISTHA BAGCHI-SEN. Professor, State University of New York-Buffalo, Geography. PhD (University of Georgia, 1989).

Service to AAG: Board member, Committee on the Status of Women in Geography, AAG, 2003-06; Board member, Economic Geography Specialty Group, AAG 2002-04, Nystrom Committee, AAG 2000.

Awards, Honors, and Grants: Lilly Endowment Teaching Fellowship, 1991-92; National Science Foundation grants (alliances in biotechnology: 2001-03 and information technology workforce: 2004-06).

Professional Experience: Editor, *The Professional Geographer*, 2005-08; Editorial board member, *Industrial Geography*; Visiting Faculty, Indian Institute of Management, Calcutta, India; Astor Visiting Lecturer, Oxford University, February 2004.

Current Research and Teaching Interests: innovation, regulation and development: the biotechnology-pharmaceutical sector in the United States and India; information technology and the workforce: contextualizing the gendered division of labor; global business and knowledge networks: Asia-U.S. connections.

Publications: Articles in *Economic Geography*, *Urban Geography*, *Regional Studies*, *Environment and Planning A and C*, *Growth and Change*, *The Professional Geographer*, *European Planning Studies*, *Geografiska Annaler B*, *International Journal of Technology and Globalisation*, *International Journal of Biotechnology*, *Service Industries Journal*, *Technovation*, and others. Edited and co-edited three special issues: *Urban Geography*, *Environment and Planning C*, and *Law and Policy*. Currently co-editing a book entitled *Economic Geography: Bringing Theory to Practice* (Routledge).



JEROME E. (JERRY) DOBSON. Professor, University of Kansas. PhD (University of Tennessee, 1975); MA, BA (University of Georgia, 1972, 1967); AA (Reinhardt College, 1965).

Professional Experience: Distinguished Research & Development Staff Member, Oak Ridge National Laboratory, Visiting Associate Professor, Arizona State University.

Research and Teaching Interests: geographic information science, populations at risk, palaeogeography, world regional geography.

Service to AAG: Member since 1971; co-founder and first Chair of Energy Specialty Group (1979-82) and Director (1982-84); Chair of GIS Specialty Group (1990-91), Vice Chair (1989) and Director (1987-89); Chair, Professional Careers Development Committee SEDAAG (1980); Editorial Board, *The Professional Geographer* (1985-87); AAG Long Range Planning Committee (2000-04).

Other Service to Geography: President, American Geographical Society; President, University Consortium for Geographic Information Science; Fellow, Royal Geographical Society; Corresponding Individual Member; International Geographical Union; Contributing Editor, *GeoWorld* magazine; U.S. Delegate and Expert, International Standards Organization; Editorial Advisory Board, *GISWorld* magazine; Scientific Editor, *GIS World Sourcebook*; Steering Committee; National Committee for Digital Cartographic Data Standards; Steering Committee, Applied Geography Conferences.

Contributions: Led development of LandScan Global Population Database, world standard for estimating populations at risk during natural disasters, wars, and terrorist acts; proposed paradigm of automated geography; played an instrumental role in originating the National Center for Geographic Information and Analysis; proposed new theory regarding continental drift and plate tectonics; proposed new theory regarding the role of iodine in human evolution; currently supporting international programs for humanitarian demining (land mine clearance).

Publications: More than 150 publications. Articles in *Annals of the AAG*, *The Professional Geographer*, *Geographical Review*, *Photogrammetric Engineering and Remote Sensing*, *IEEE Technology and Society*, *Geography*, *Journal of Biogeography*, *Journal of*

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Coastal Research, Journal of Chemical Information and Computer Sciences, Geographische Rundschau, The Information Society.



C. CINDY FAN. Professor of Geography, University of California, Los Angeles. PhD, Geography, Ohio State University, 1989; M.Phil., Geography, Chinese University of Hong Kong, 1984; BA, Geography, University of Hong Kong, 1981.

Research and Teaching Interests: social, economic and spatial changes in transitional economies; regional policy, inequality, gender, labor migration, marriage migration, and cities in post-Mao China; population, ethnicity, and regional development.

Professional Experience: Graduate Advisor, Department of Geography, UCLA, 1995-97; Chair of Asian American Studies Program, UCLA, 1997-2001; Site Scholar and Presenter to community college and school teachers, UCLA History-Geography Project, 1993-present and UCLA Asian Families Seminar for Educators, 2004; Vice Chair and Chair, China Specialty Group of the AAG, 1996-98; AAG Annual Meeting Program Committee, 2002; Member of Advisory Panel, Geography and Regional Science, National Science Foundation, 2000-02; Consultant, World Bank, 2001 and 2004; Co-editor, *Eurasian Geography and Economics*, 2001-present; Member of editorial board, *Geographical Analysis, China: An International Journal*, and *Social Science Quarterly*.

Research Awards: Three National Science Foundation research grants and one Luce Foundation research award.

Publications: Over forty refereed articles in journals and books, including *Annals of the AAG, The Professional Geographer, International Journal of Urban and Regional Research, Economic Geography, Environment and Planning A, Urban Geography, Political Geography, International Migration Review, Eurasian Geography and Economics, Geographical Analysis, Annals of Regional Science, Regional Studies,*

Growth and Change, and Population Research and Policy Review; editor of special issue in *Asian Geographer*.



LIZBETH A. PYLE. PhD, Geography, University of Minnesota, 1983; MA, Geography, University of South Carolina, 1977; B.A., Geography, Slippery Rock State College (PA), 1975.

Service to the AAG: AAG Nominating Committee, 2003-04; AAG Treasurer, 1998-99; AAG Regional Councillor (Southeastern Division), 1996-99; AAG Finance Committee, 1993-2000; Specialty Group Board, Contemporary Agriculture and Rural Land Use, 1987-89; to the *Southeastern Division (SEDAAG)*: SEDAAG Honors Committee, 2003-04; SEDAAG Nominating Committee, 2002; SEDAAG President, 1993-95; SEDAAG Treasurer, 1991-93 and 1989-91; Editorial Board, *Southeastern Geographer*, 1999-2001 and 1988-95.

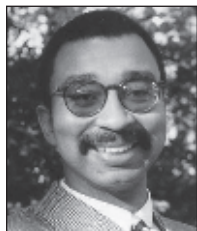
Research Interests: rural geography, including recreation and tourism, land use, economic development, and landscape change.

Professional Experience: Adjunct Faculty in Geography, West Virginia University, 2000-present (part-time instructor). Research Associate, Institutional Analysis and Planning, West Virginia University, 1992-99; Visiting Assistant Professor of Geography, West Virginia University, 1985-92; Assistant Professor of Geography, University of Kentucky, 1983-84. Served on MA and PhD student committees, led field trips, presented papers at conferences; completed reviews of manuscripts for geography journals and NSF grant proposals.

Honors and Awards: Outstanding Service Award, Southeastern Division, 2002; Research and travel grants from the AAG, West Virginia University, and the University of Kentucky.

Publications: Articles in the *Geographical Review, The Professional Geographer, Southeastern Geographer, and Urban Geography*; book chapters, book reviews, and papers in conference proceedings.

NOMINATING COMMITTEE (three to be elected)



JAMES W. HARRINGTON, JR. Professor of Geography. University of Washington: Department Chair (2000-present), Professor (1997-present). National Science Foundation: Program Director, Geography and Regional Science (1994-97). George Mason University: Associate Professor, Public Policy (1991-97). SUNY-Buffalo: Assistant Professor, Associate Professor (1983-91). PhD, University of Washington (1983); MA, University of Washington (1980); AB, Harvard University (1977).

Research and Teaching Interests: economic geography—specifically sub-national, regional economic development, occupational attainment, international trade.

Professional Service: President, Association of Washington Geographers (2003-05); AAG Centennial Coordinating Committee (1997-2004); AAG Secretary and National Councilor (1994-97); Chair, AAG Economic Geography Specialty Group (1998-2000); Co-Chair, AAG/AGS Business, Industry, and Government Affinity Group (1999-2001); U.S. representative to the IGU Commission on the Dynamics of Economic Spaces (2000-08);

Executive Director, North American Regional Science Council (1993-2000); Rediscovering Geography Committee, National Academy of Sciences (1994-95).

Honors and Awards: Harriet Eliot Lecturer, UNC-Greensboro (2004); David Boyce Award for Service to Regional Science (2001); Visiting Scholar, West Chester University (1994); Delany Lecturer, UWV (1987).

Publications: Thirty articles and chapters; co-author of *Industrial Location: Principles, Practices, and Policy* (Routledge); *Rediscovering Geography: New Relevance for the New Century* (National Academy Press); co-editor of *Geography and Technology* (Kluwer).

Statement: The AAG has benefited from, and clearly needs, strong yet empathetic leaders who have accomplished much while exhibiting attention to all parts of our wide-ranging discipline. Perceiving and labeling parts of the discipline as "other" is always a danger. Geographers can, do, and should be able to articulate the synergy among scientific, representational, and humanistic scholarship. We must do more as a discipline to recognize and manifest the ways that processes affect and are interpreted by diverse social and cultural groups.



LISA M. BUTLER HARRINGTON. Associate Professor, Kansas State University. BS, Colorado State University, 1979; MRPA, Clemson University, 1982; PhD, University of Oklahoma, 1986.

Research and Teaching Interests: human-environment relations, rural land use, natural resources, environmental change, public lands, introductory physical geography.

Professional Experience: Kansas State University (ten years); Eastern Illinois University (four years); visiting positions at Central Michigan University, New Mexico State University, Western Washington University. NRC Committee on Endangered and Threatened Species in the Platte River Basin. NSF Geography & Regional Science Doctoral Dissertation Research Improvement program panelist. Board of Directors: Applied Geography Conferences, Learning Disabilities Association of Kansas, and KSU Natural Resources and Environmental Science Secondary Major. KSU ADVANCE program and AAG Healthy Departments workshop participant.

Service to the AAG: AAG Research Grants Committee (2000-03; Chair 2002-03); Contemporary Agriculture and Rural Land Use Specialty Group (Chair, 1998-2000; Newsletter Editor, 1993-98; Secretary-Treasurer, 1990-94; Director, 1988-90); and Rural Geography Specialty Group (Director, 2003-05)

Awards, Grants, and Honors: Berg Fellow, Soil and Water Conservation Society; IBC Young Research Worker; Finalist, AAG Nystrom Award; selected as a U.S. representative to four of the quadrennial rural geography symposia. Co-PI on Kansas portions of NSF funded Human Environment Regional Observatory project, Research Experience for Undergraduates, and NASA-sponsored AAG Global Change in Local Places project. PI, National Institutes for Global Environmental Change funded project (1998-99).

Publications: peer reviewed papers in a variety of outlets, including *The Professional Geographer*, *Applied Geography*, *Global Environmental Change*, *Climate Research*, *Society and Natural Resources*; various book chapters and reports; co-editor of two books from rural geography symposia.



JONATHAN LEIB. Associate Professor, Department of Geography, Florida State University. BA, Geography and Political Science, Mary Washington College, 1985; MA and PhD, Geography, Syracuse University, 1987, 1992.

Research Interests: political and cultural geography, 'race' and ethnicity, geographies of the American South.

Professional Experience: Director of Graduate Studies, 2002-present; Associate Professor, 2001-present; Assistant Professor 1997-2001, Department of Geography, Florida State University. Assistant Professor, 1992-96, Georgia Southern University. Visiting Instructor, 1991-92, New Mexico State University.

Service to Geography: Editor, *Journal of Geography*, 1998-2000. Editorial Board member, *Southeastern Geographer*, 2004-present. Member of the AAG 2003 Annual Meeting Program Committee. Board Member, Political Geography Specialty Group, 1996-98. Co-host, 2003 Political Geography Specialty Group Annual Meeting. Member of the Nominations Committee, Political Geography Specialty Group, 1999-present. Secretary, Southeastern Division of the AAG 2001-02. Member of various Southeastern Division of the AAG committees, 1998-2003.

Publications: Articles in journals such as *Political Geography*, *Cultural Geographies*, *Journal of Cultural Geography*, *Geographical Review*, *GeoJournal*, *Journal of Geography*, and *Comparative State Politics*, plus several book chapters. Co-editor (with Fiona Davidson, Fred Shelley, and Gerald Webster) of *Teaching Political Geography* (1998).



WEI LI. Associate Professor, Arizona State University. PhD, Geography, University of Southern California, 1997; MS, Geography, Peking University, 1985; BS Geography, Beijing Normal College, 1982.

Research and Teaching Interests: immigration and integration in the Pacific Rim and Europe; geography of race/ethnicity; immigrant community development; transnational ethnic economy.

Service to AAG and Public Sector: Member, Affirmative Action and Minority Status Standing Committee (2004-07); Board of Directors, Population Specialty Group (2004-); AAG Annual Meeting Program Committee and Local Arrangement Committees (2001 and 2002). Vice Chair (2004-06), Secretary/Treasurer (2002-04), Board Member (1998-2002), Student Board Member (1996-98), Ethnic Geography Specialty Group. Member, the Census Advisory Committee on the Asian Population, Race and Ethnic Advisory Committees (REAC), U.S. Census Bureau (appointed by the U.S. Secretary of Commerce; 2003-05).

Professional Experience: Assistant Professor to Associate Professor, Asian Pacific Studies Program/Department of Geography, Arizona State University (2001-); Assistant Professor, Department of Geography/Asian American Studies Institute, University of Connecticut (1997-2001); Exchange Scholar, Department of Geography, University of Maryland (1989-91) and University of Nebraska Lincoln (1988); Instructor to Assistant Professor, Department of Geography, Peking University (1985-88)

Publications: About thirty refereed articles in journals and books, including *Annals of Association of American Geographers*, *Environment and Planning A*, *Urban Studies*, *Urban Geography*, *Social Science Research*, and *Journal of Asian American Studies*. Editor or co-editor on two books: *From Urban Enclave to Ethnic Suburb: New Asian Communities in Pacific Rim Countries* (forthcoming) and *Landscapes of the Ethnic Economy* (under review).

Awards: National Science Foundation POWRE grant (2000-02); AAG Research Grant (2000); Nystrom Dissertation Award, AAG (1999).



W. ANDREW MARCUS. Professor, Department of Geography, University of Oregon. PhD, Geography, University of Colorado (1987); MA, Geography, Arizona State University (1983); BS (Phi Beta Kappa), Geology, Stanford University (1978).

Service to the AAG: Publications Committee (1999-2003) and Committee Chair (1999-2000); Nystrom Award Committee (2003); Honors Committee (2000-02) and Committee Chair (2001-02); Regional Councillor, Great Plains/Rocky Mountain Division (1999-2001); Vice Chair/Chair and regional conference organizer, Great Plains/Rocky Mountain Division (1995-97); Chair, Geomorphology Specialty Group (1993-94).

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Other Professional Service: Vice President/President, University of Oregon Senate (2003-present); Founding board member, Trustee (1996-2003) and Board Chair (2002-03), Central Asia Institute; Trustee and Chair, Education Committee (1997-2001, 2003-present), Yosemite National Institutes.

Professional Experience: Three years (2001-present) at Department of Geography, University of Oregon; ten years on faculty at Department of Earth Sciences, Montana State University, including three years (1996-99) as Department Head; four years at Department of Geography, University of Maryland. Extensive consulting with geographic software design, ecosystem analysis, and environmental assessment firms.

Research and Teaching Interests: fluvial geomorphology, hydrology, water resources policy, remote sensing of rivers, spatial analysis, mountain regions, Yellowstone ecosystem, and environmental and higher education.

Publications: Articles in the *Annals of the Association of American Geographers*, *Geomorphology*, *Journal of Geographical Systems*, *Remote Sensing of Environment*, *Environmental Law Reporter*, *Water Resources Bulletin*, *Environmental Management*, *Mountain Research and Development*, as well as other journal articles, book chapters and professional reports. Funded by various agencies including NSF, NASA, EPA, and USGS.



DOROTHY SACK. Professor, Department of Geography, Ohio University, Athens, Ohio. PhD in Geography, University of Utah, 1988; MS in Geography, University of Utah, 1981; BA in Geography, San Diego State University, 1977.

Research and Teaching Interests: geomorphology and sedimentology, particularly in arid and coastal

environments; Quaternary paleolake studies; Lake Bonneville; geomorphic impacts of off-road vehicles; history of geography; history of geomorphology.

Professional Service: AAG: Geomorphology Specialty Group Chair (2003-04), GSG Secretary-Treasurer-Newsletter Editor (2002-03), GSG advisory board member (2004-07); Coastal and Marine Geography Specialty Group Secretary-Treasurer-Newsletter Editor (1995-98). **Geological Society of America:** Quaternary Geology and Geomorphology Division governing panel member (2002-04); History of Geology Division nominating committee member and chair (1998-2001). **History of Earth Sciences Society:** treasurer (1995-2001); nominating committee member (2004-06). **Journals:** editorial board member for *Geomorphology* and *Earth Sciences History*; guest editor of forthcoming issues of *Physical Geography* commemorating the AAG centennial.

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

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

AAG Cartography Editor Sought

The AAG seeks applications and nominations for Cartography Editor. The editor will review and enhance the cartographic content and quality of submissions to both *The Professional Geographer* and the *Annals of the AAG* to ensure that all information is cartographically appropriate and clearly displayed. She or he will be appointed for a four-year term.

The Cartography Editor will work in coordination with the AAG Journals Editor and the *PG* and *Annals* editors, and is primarily responsible for all graphics used in both journals. This includes working on maps and figures to ensure that all information is clearly displayed and that figures and maps appear in proper electronic formats, etc.

The AAG will provide a modest stipend to be used for expenses and honorarium at the editor's discretion.

To apply, send a letter of application and a complete curriculum vitae to: Chair, AAG Publications Committee, AAG Meridian Place Office, 1710 Sixteenth Street NW, Washington, DC 20009-3198. Nominations and applications may also be submitted electronically to annals@aag.org.

AAG Holiday Open House

You are cordially invited to join your colleagues for the annual AAG holiday open house.

Thursday, December 9

4:00-7:00 p.m.

AAG Meridian Place
1710 16th Street NW,
Washington, DC 20009-3198

Spouses, guests, and children are welcome.
Please provide the names and ages of children attending.

Please RSVP
Voice 202-234-1450
gaia@aag.org



All Members are Welcome

AAG to Participate in Carnegie Project to Internationalize Disciplines

The AAG, along with three other disciplinary associations (the American Historical Association, the American Political Science Association, and the American Psychological Association) and the American Council on Education (ACE), are part of a new project promoting the internationalization of teaching and learning at U.S. colleges and universities. The project, entitled "Where Faculty Live: Internationalizing the Disciplines," is being funded by a Carnegie Corporation grant to the ACE.

As part of the project, each association will: (1) articulate global learning outcomes relevant to its membership that will inform both the major and general education and communicate those outcomes to the membership, (2) develop an action plan to promote internationalization within its discipline, and (3) explore how the work on internationalization accomplished by the disciplinary associations can be integrated into institutional strategies to promote internationalization.

It is expected that the project will demonstrate how disciplinary associations can take a leadership role in promoting internationalization of student learning. The project will also provide guidance to faculty in the participating disciplines to help them incorporate an international dimension into their teaching and the experiences of their students, in both upper-level courses in the major and in courses that comprise general education or the core curriculum.

To assist the participating associations in this work, ACE has formed a steering committee consisting of representatives of the associations and several other academic

organizations, including the American Association for the Advancement of Science, American Council of Learned Societies, the Consortium of Social Science Associations, and the National Humanities Alliance. The committee will serve as a mechanism for the exchange of ideas among the participants and will explore how the work of the project and overall institutional efforts to enhance internationalization can be mutually reinforcing.

New and Ongoing AAG International Research and Education Initiatives

The AAG is planning new initiatives that directly support the ACE internationalization project. In November, a survey was administered to a sample of geography faculty in the U.S. and internationally through the International Geographical Union and the International Network for Learning and Teaching Geography in Higher Education. The survey is designed to measure how geographers perceive the value of internationalization and global learning for geography education and research. It will also identify the tactics that geography departments are using to internationalize their undergraduate and graduate programs and encourage faculty to pursue international research.

Another international education project, the AAG's Online Center for Global Geography Education, recently published a series of Web-based modules that link students in different countries for collaborative projects and international discussions about the global economy, world population growth, and nationalism. Geography faculty and students are

currently testing the modules at a wide range of domestic and international institutions (see the October *AAG Newsletter* for further details). This research will weigh the value of the modules as tools for internationalizing geography courses in the undergraduate curriculum.

The AAG is also maintaining its current international programs for members. In August of this year, the AAG assisted twenty-nine junior and senior scholars attending the IGU Congress in Glasgow through a travel grant program funded by the National Science Foundation. The My Community, Our Earth project is currently inviting student projects that reflect the themes of the U.N. Decade of Education for Sustainable Development (see the October *AAG Newsletter*). The AAG continues its tradition of holding a special reception at each annual meeting to honor the presence of international scholars participating in the meeting. This year's International Reception will be held Tuesday evening April 5, 2005, at the Denver Annual Meeting. And many AAG Specialty Groups also focus on international themes and regional studies and help members develop their international networks.

Through these ongoing and newly established programs, the AAG continues to build important international connections among geography faculty and students. Further information on the Online Center for Global Geography Education can be found at www.aag.org/Education/center/. Information on MyCOE is available at www.geography.org/sustainable/.

Michael Solem
msolem@aag.org

Reduce your taxes for 2004 by making a contribution to the AAG Advancing Geography Centennial Fund by December 31.

See the form on page 17.

University of Maryland, College Park

Several faculty members in the Department of Geography at the University of Maryland, College Park met with success in obtaining grants through the NASA Earth Science Enterprise (ESE) Carbon Cycle Science program. The department received over 8% of the fifty-nine awards made nationally. The awards represent just over \$4 million in new funding for the department.

Professor **Ruth Defries** received a three-year award for \$569,090 entitled "Reducing Uncertainties of Carbon Emissions from Land Use-Related Fires with MODIS Data: From Local to Global Scale." Co-investigators are **Simon Trigg** and **Douglas Morton** (University of Maryland, Department of Geography) and **George Collatz** (Goddard Space Flight Center, NASA).

Professor **Samuel N. Goward** received a NASA award of \$571,893 for a five-year project entitled "North American Forest Disturbance and Regrowth Since 1972:

Empirical Assessment with Field Measurements and Satellite Remotely Sensing Observations." Co-investigators are **John R. Townshend** (University of Maryland Department of Geography), **Jeffery Masek** (NASA Goddard Space Flight Center), and **Warren Cohen** (USDA Forest Service).

Professor **Eric Kasischke** received funding for a project entitled "Wildfire Consumption of Ground-Layer Organic Matter in North American Boreal Forests and Peat lands: Implications for Atmospheric Trace Gas Emission and Long-Term Soil Carbon Storage." This NASA award of \$769,000 will last for three years. Kasischke's co-investigator is **Jennifer Hewson** (University of Maryland).

Associate professor **Shunlin Liang** received a \$667,357, three-year NASA award for "Mapping High-Resolution Incident Photo synthetically Active Radiation Product of the North American Carbon Program." Co-investigators are **John R. Townshend** (University of Maryland), **Steven Running** (University of Montana),

and **Si-chee Tsay** (NASA Goddard Space Flight Center).

David Roy, associate research scientist, received a three-year subcontract for "The Application of NASA EOS Data in the Evaluation of a Regional Atmospheric Transport and Radiative Forcing Modeling Activity in Southern Africa" in the amount of \$131,357. The principal investigator of the award is **Crystal Schaaf** (Boston University). Roy also received a subcontract for "A Daily BRDF/Albedo Algorithm for MODIS Direct Broadcast Sites" in the amount of \$42,263 for three years. The principal investigator for the award is **Robert Swap** (University of Virginia).

Quoqing Sun, associate research scientist received a NASA award for "Comparative Studies on Carbon Dynamics in Disturbed Forest Ecosystems: Eastern Russia and Northeastern China" for \$441,965 for three years. **Jeffery Masek** (NASA Goddard Space Flight Center) is co-investigator.

Two Editors Sought for *Annals of the AAG*

The Association of American Geographers seeks applications and nominations for two section Editors for the *Annals of the Association of American Geographers*: one for the Environmental Sciences section and one for the Methods, Models, and GIS section. The new section editors will be appointed for four-year editorial terms that will commence on January 1, 2006. The appointment will be made by July 1, 2005.

For each section, the AAG seeks an editor who will solicit, review, and accept for publication articles, comments, maps, technical notes, and other items appropriate for publication in their section's subject area, within publication-space limitations that will be determined annually. The AAG Council expects that the new editor will accept manuscripts from across the breadth and depth of intellectual activity in their subject area of contemporary American geography. The AAG Council further expects that the *Annals* will publish items

that represent the very best thinking in American geography. Section editors should be eager to act as intellectual entrepreneurs to attract the very best work being produced.

In support of these goals, each editor candidate should possess demonstrated expertise within the section subject area (either Environmental Sciences or Methods, Models, and GIS), a distinguished record of scholarly achievement, a broad perspective on the discipline of geography, respect and affection for its diversity, and an ability to work constructively with authors during the review process. Institutional support for the new editor (especially some time released from teaching) is desirable, but not mandatory. The AAG will provide a modest stipend to be used for expenses and honorarium at the editor's discretion.

Each section editor will work in coordination with the AAG Journals Manager, located at the Meridian Place AAG office in Washington, DC. The journals manager

bears primary responsibility for the logistics of processing manuscripts and book reviews, and for assembling and coordinating the publication of each issue of the journal in collaboration with the editors and the journal's publisher. Editor candidates, therefore, should share the AAG Council's vision of an accessible, decentralized, and collaborative *Annals* editorship.

A letter of application that addresses both qualifications and a vision for the Environmental Sciences or the Methods, Models, and GIS section should be accompanied by a complete curriculum vitae. Nominations should be submitted no later than February 15, 2005, and applications no later than March 1, 2005. Send applications or letters of nomination to: Chair, AAG Publications Committee, AAG Meridian Place Office, 1710 Sixteenth Street NW, Washington, DC 20009-3198. Nominations and applications (in Word or WordPerfect format) may be submitted electronically to annals@aag.org.

Geography, the AAG, and the International Baccalaureate

This article/letter grew out of a conversation I had with Doug Richardson at the IGU conference in Glasgow this past summer. My "thesis"—as someone who became a geographer despite having been brought up in the U.S. and educated in American public schools—is that both geography as a field and the International Baccalaureate (IB) Diploma Program, with which I have been associated for some twenty-five years now, would undoubtedly benefit from more exposure and promotion, and that the AAG could be the vehicle to realize these ends.

In the not-too-distant future this would bring not just more and better qualified students to North American geography departments, but significantly better educated, open-minded "world-citizens" to the population in general. This would help to (1) attenuate geography's academic isolation, (2) reduce the abysmal geographic and cultural ignorance of American society in general, and (3) do some "pump-priming" which, it is hoped, would improve the all-round situation, including raising the profile of both the AAG and the IB.

Some, perhaps many, will ask "Why IB, when the AP (Advanced Placement) already has a Human Geography course?" This is neither the time, nor the place, to argue their respective merits. Suffice it to say that the more both are taken up, the more everyone benefits. A word of introduction, nonetheless, for those less familiar with the IB. While AP is better known in North America, IB is a world-wide organization and its academic program is a coherent whole. This rigorous and demanding two-year program requires the study of six subjects from five different areas (geography is in group three, "Individuals and Societies"), as well as the writing of a 4,000-word

extended essay, successful completion of the Theory of Knowledge module, and 150 hours of service activities. In the "IB World" today there are 1,426 schools in 117 countries. If we compare the IB's two largest regions, IB North America (IBNA) and IB Africa, Europe and the Middle East (IBAEM), there are more than 500 schools in the former and 374 in the latter. However, when it comes to the teaching of geography, the difference is nothing less than extraordinary: the IBAEM region has 150 member schools offering geography, whereas only a paltry forty-six—not even 10%—offer it in IBNA! Even Sisyphus would have his work cut out for him in that context!

What can we do? Here are a few suggestions, and I'm sure the readership can come up with many more.

(1) Get to know the IB program and support it; in Florida for example, students graduating with an IB diploma and going to a state university get a tuition-free education. Furthermore, a growing number of U.S. universities allow students with very good IB results to place out of courses, and even to start as sophomores. Why not encourage all geography departments—and universities—perhaps via the AAG's Regional Councilors to take the lead in approaching deans, provosts, and of course, admissions directors, in an effort to upgrade the quality of incoming freshmen?

(2) Encourage those in our membership (and in similar organizations) to become IB Geography Examiners in order to participate directly in getting to know the program, and to take part in

the improvement of the geography syllabus through curriculum review;

(3) The AAG should sponsor an annual prize for the best IB Extended Essay in geography, certainly in North America, but better yet, from around the world. A small amount of money might be awarded, but even without a monetary prize, the best extended essays should be grouped

together and published under the aegis of the AAG. This would not only identify talented potential recruits for geography (departments), but it would enhance the AAG's image and get everyone some useful mileage in the public eye (à la the Geography Bee).

(4) Invite the IB to encourage IB students and teachers to take an active role in the MyCOE Project and other AAG initiatives, and

(5) Following Doug's announcement of the establishment of the Senior Associates Initiative, the members of that group could be instrumental in helping to carry out the first three suggestions, for example by reading/judging IB Extended Essays.

I feel strongly that cooperation between the AAG and the IB will be beneficial to both organizations, and beyond them to geography and the general citizenry, and its level of knowledge and sensitivity to issues and problems that are of concern to all of us.

Eugene Stevelberg
stevelberge@yahoo.com



Stevelberg

Eugene Stevelberg is Coordinator for the International Baccalaureate and the International General Certificate of Secondary Education (IGCSE). He is also an administrator at the International School of Nice in Nice, France.

**Give a Gift Membership to the AAG.
See page 56.**

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Making Under Uncertainty" received a five-year award expected to total about \$2.4 million. (Geographer **Martyn Clark** is one of the senior personnel.)

Human and Social Dynamics (HSD) FY 2004 Awards:

- **Susan Cutter** (University of South Carolina) and **John Wilson** (University of Southern California), "Collaborative Research: Place-Based Decision Support for Spatial and Temporal Transference of Risk and Hazards" received a three-year award expected to total about \$700,000. (Geographer **Cary Mock** is one of the senior personnel.)
- **Damian Fernandez** (Florida International University), "Comparative Civic and Place Engagement in Three Latino Enclave Neighborhoods in Transition" received a two-year award expected to total about \$600,000. (Geographer **Patricia Price** is a co-PI; **Christopher Lukinbeal** and **Daniel Arreola** are also senior personnel.)



Cutter

- **Jefferson Fox** (East-West Center), "HSD: Understanding Dynamic Resource-Management Systems and Land-Cover Transitions in Montane Mainland Southeast Asia" received a three-year award expected to total about \$550,000. (Geographers **Stephen Walsh** and **Jianchu Wu** are senior personnel.)
- **Alan Kolata** (National Opinion Research Center), "Economic Growth, Social Inequality, and Environmental Change in Thailand and Cambodia" received a three-year award expected to total about \$650,000. (Geographer **Michael Binford** is a co-PI.)
- **Rosa Matzkin** (Northwestern University), "Hedonic Models of Location Decisions with Applications to Geospatial Microdata" received a three-year award expected to



Fox

total about \$600,000. (Geographer/regional scientist **Luc Anselin** is a co-PI.)

- **Bryan Norton** (Georgia Tech), "Ecological Boundary-Setting in Mental and Geophysical Models" received a three-year award expected to total about \$625,000. (Geographer **Bruce Hannon** is one of the senior personnel.)
- **John O'Loughlin** (University of Colorado-Boulder), "The Dynamics of Civil War Outcomes: Bosnia and the North Caucasus" received a three-year award expected to total about \$650,000. (Geographers **Gerard Toal** and **Jeremy Mennis** are co-PIs.)
- **Serge Rey** (San Diego State University), "HSD: An Exploratory Space-Time Data Analysis Toolkit for Spatial Social Science Research" received a two-year award expected total about \$97,000.



O'Loughlin

Biocomplexity in the Environment/ Dynamics of Coupled Natural and Human Systems (BE/CNH) FY 2004 Awards:

- **C. Michael Barton** (Arizona State University), "BE/CNH: Land-Use and Landscape Socioecology in the Mediterranean Basin: A Natural Laboratory for the Study of the Long-Term Interaction of Human and Natural Systems" received a five-year award expected to total about \$1.5 million. (Geographer **Patricia Fall** is a co-PI, and geographers **Elizabeth Wentz** and **Neus la Roca Cervigon** are senior personnel.)
- **David Culver** (Ohio State University), "BE/CNH: Interactions Among Human, Biological, and Physical Processes Within Large Lake Ecosystems" received a four-year award expected to total about \$1.4 million. (Regional scientist **Elena Irwin** is a co-PI, and geographer **Alan Murray** is one of the senior personnel.)
- **Christopher Lant** (Southern Illinois University-Carbondale), "BE/CNH:

Virtual Watershed: Agricultural Landscape Evolution in an Adaptive Management Framework" received a three-year award expected to total about \$450,000.



Lant

(Geographers **George Malanson**, **Raja Senguptal**, and **Girmay Misgna** are senior personnel.)

- **Daniel Nepstad** (Woods Hole Research Center), "BE/CNH: Feedbacks Among Forestry, Agriculture, and Fire in Amazonia" received a five-year award expected to total about \$1.6 million. (Geographer **Robert Kaufmann** is a co-PI.)
- **Guillermo Podesta** (University of Miami-Rosenstiel School of Marine and Atmospheric Science), "BE/CNH: Understanding and Modeling the Scope for Adaptive Management in Agroecosystems in the Pampas: Response to Interannual and Decadal Climate Variability and Other Risk Factors" received a three-year award expected to total about \$1.6 million. (Geographer **William Easterling** is a co-PI.)
- **David Sailor** (Portland State University), "BE/CNH: Complex Interactions Among Urban Climate, Air Quality, and Adaptive-Reactive Human Response" received a four-year award expected to total about \$1.7 million. (Geographer **Laurence Kalkstein** is one of the senior personnel.)



Turner

• **Billie L. Turner II** (Clark University), "BE/CNH: The Vulnerability and Adaptive Capacity of Coupled Human-Environment Systems in the Southern Yucatan Peninsular Region" received a two-year award expected to total about \$150,000 (Geographer **J. Ronald Eastman** is a co-PI, and geographer **Steven Manson** is one of the senior personnel.)

Continued on page 17

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Walsh

• **Stephen Walsh** (University of North Carolina-Chapel Hill), "BE/CNH: Feedbacks Among Patterns and Processes of Land-Use and Land-Cover Dynamics in the Northern Ecuadorian Amazon" received a three-year award expected to total about \$320,000. (Geographer **George Malanson** is a co-PI, and geographer **Joseph Messina** is one of the senior personnel.)

Future Funding Opportunities

Two of these competitions will be held again during FY 2005. For more information about Human and Social Dynamics (HSD), go to www.nsf.gov/home/crssprgm/hsd/start.htm. (The expected deadline for HSD is January or February 2005.) For more information about the Biocomplexity in the Environment/ Dynamics of Coupled Natural and Human Systems (BE/CNH) special competition, go to www.nsf.gov/geo/ere/ereweb/fund-biocomplex.cfm. The deadline for BE/CNH is November 17, 2005.

More information about these and other funding opportunities at NSF are available at the NSF Web site (www.nsf.gov/) or by contacting one of the Geography and Regional Science Program Directors, Gregory Chu (gchu@nsf.gov; 703/292-4995) or Thomas Baerwald (tbaerwal@nsf.gov; 703-292-7301).

Carter Lecture Series at Texas A&M

In honor of Distinguished Professor Emeritus George F. Carter, who died last spring, the Association of Geography Graduate Students at Texas A&M inaugurated a George F. Carter Lecture Series during Geography Awareness Week November 15-19, 2004.

On November 18, graduate students hosted a screening of two films from the "Geographers on Film" series, both containing video footage of George F. Carter. Several discussants who knew Carter were also present at the lunchtime screening. On November 19, Stephen C. Jett, a former student of Carter's and a Professor Emeritus (UC Davis) in his own right, gave the first Carter Lecture entitled "Pre-Columbian Transoceanic Contacts: Romantic Fantasy, Unproven Possibility, or Undeniable Reality."

The graduate students are interested in honoring all present and former professor emeriti from their department and are beginning to gather their work in a special collection to be housed within the Department of Geography. For more information on the Carter lecture series, please contact Wendy Patzewitsch at patzewitsch@tamu.edu.

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

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have become established in a standardized form throughout the U.S. and parts of Canada.

The powwow centers on a circular or oval dancing area which is called the arena, regardless of whether it is located in a gymnasium, public hall, ball field, or cow pasture. The arena is blessed before the powwow proper begins, making it a sacred circle; once this is done it should be entered only by the dancers and others closely affiliated with the powwow. At one edge of the arena is the emcee's space and drummers may occupy a spot in the center or an arbor outside the arena.

The drummers plus the instrument itself are collectively called a "drum." A small powwow may have a single drum; a large one may have dozens. The drummers sit around the drumhead and beat it in unison with padded sticks while singing. The effect is very powerful, and indeed, it is said that without the drum there is no powwow.

In many ways the foundation of the entire powwow is the Grand Entry, a solemn procession which always begins the festivities and may be repeated after any significant break in the dancing. The Grand Entry is led by a color guard, followed by others in a prescribed order. The color guard usually consists of one or more veterans or active service members, often in uniform and with medals and honors displayed; usually a feathered staff and one or more flags are carried. Veterans are accorded great honor, and a veterans' dance, during which the spectators are expected to stand and remain silent, leads off the dancing.

Dances at a powwow are of a number of types. Some dances, called "intertribals," are somewhat like the "free skate" at a roller rink—everyone may dance, and anything goes as long as certain levels of decorum and respect are maintained. Most other dances are of a specific style, which usually

implies a particular gender as well, and may or may not be competitive.

Men's dance styles include Traditional, which has a northern and a southern style (referring to the northern and southern plains, not the regions of the U.S. called North and South); Fancy Dance, an energetic dance with elaborate, brightly colored feather bustles; and Grass Dance, in which the dancer's outfit contains large quantities of fringe and the movements are designed to create the impression of tall grass swaying in the wind. Women's styles include Traditional, which may again be divided into a northern and a southern style, and/or into buckskin and cloth categories; Jingle Dress, in which the dancer wears a dress covered with metal cones; and Shawl Dance, which is the most energetic of the women's dances. For each dance style, the dancer is expected to wear the correct regalia (never called "costumes"). These outfits are at once highly standardized in their form, and highly individualistic in that colors, materials, symbolic designs, and degree of elaborateness are entirely up to the dancer.

A Geography at Two Scales

Wherever a powwow is held, that space becomes, however briefly, Indian land. It is physically so, in that Indians have possession of it; spiritually so in that it has been blessed for its temporary occupation; and ideologically so in that it is a locus of Indian strategies to deny the hegemony of the dominant society. The powwow creates a place where, for the duration of the event, transgression is embodied not by being or acting Indian, as in the surrounding mainstream landscape, but by not being or acting Indian as defined by established powwow "rules." Whatever one may say about the constructed nature of modern pan-Indian identity, the vital role of powwows at the local scale in strengthening that identity and proclaiming it to the world is indisputable.

The regional-scale geography of powwows has to do with how local social and historical context shapes the need for making Indian space and promoting Indian identity. Where Indian groups have no communal land base and their identity as Indians has only recently been re-emerging after long submersion in the wider society, such as in many parts of the East, the powwow's functions are basic—to say, "we are here and we are Indian." In contrast, where those basic facts are well recognized, such as in many parts of the West, powwows serve more specialized purposes through focus on particular themes, developing threads within Indian identity in addition to Indian identity itself. For instance, there can be rodeo powwows, sobriety powwows, veterans' powwows, and more.

It has been suggested that powwows are a forum in which Indian tradition is negotiated and renegotiated; my observations suggest that this is true at an interregional level as well as within local settings. At a powwow in North Carolina, for example, I witnessed an emcee brought in from another region attempting to enforce a certain tradition and being roundly ignored by the participants from the local area. It will be interesting to see to what extent the diffused standard powwow evolves into regionally differentiated forms, and to what extent the need for "Indianness" in the face of an opposing mainstream continually reinforces a degree of sameness in and through powwows.

G. Rebecca Dobbs
grdobbs@email.unc.edu

Note: The powwow demonstration will take place on the evening of Tuesday April 5, 2005, following the opening session of the AAG Annual Meeting which will feature nature writer Barry Lopez as speaker.



Hart

John Fraser Hart is Professor of Geography at the University of Minnesota. Born in 1924, Fraser grew up in Hampden-Sydney, Virginia. After three years of active duty with the U.S. Navy in

the Pacific Theater during World War II, he earned his graduate degrees in geography from Northwestern University (PhD 1950). Focusing on rural and agricultural geography, he has published in excess of 250 refereed articles, book reviews, and other publications, and more than a dozen books, including the award-winning, *The Land That Feeds Us* (1992) and his most recent *The Changing Scale of American Agriculture* (2003). A fixture in the landscape of American geography, Hart is also well known for his service to the profession, having fulfilled a one-year appointment as Executive Director of the AAG in 1965-66 as the association transitioned to a professional staff, edited the *Annals* from 1970-75, served as AAG President in 1979-80, and helped establish the Southeast Division of the AAG as a founding member. He has won scores of awards and honors for teaching and research. He lives in Edina with his wife of fifty-five years.

AAG: How did the place you grew up impact your later interest in geography?

Fraser: I spent summers on my grandfather's farm and had the free run of the countryside and I've been interested in the countryside ever since.

AAG: When did you discover geography?

Fraser: In the navy.

AAG: Really? Tell me about it.

Fraser: I was on an aircraft carrier in the Pacific, and I was the intelligence officer. I had cognizance of the intelligence materials. I realized that a lot of what I was looking at was geography, and then realized I was woefully ignorant of a lot of the things I was looking at. After the war, I was drifting around and ended up at the University of

Georgia for no particular reason except it that it was a great party school [laughs]. They told me I had to take courses, so I looked for one on the geography of the Pacific Ocean. I never found that course. I told them "Give me what you've got," and wound up in a physical geography course.

AAG: How did your research area come to focus on rural/agricultural geography?

Fraser: That's a two-fold answer. My thesis advisor encouraged me to study sheep farming in Scotland so I did my dissertation on that topic, then went back to Georgia to teach. At the time I was interested in urban geography but there were few cities to study and so I turned to an important question of the day in the area—what was going to replace cotton?

AAG: What do you find compelling about research and publishing in geography?

Fraser: I'm struck by the fact that publications are like children. You do your best, then turn them out into the world and they are no longer yours. You are proud of them, and you hope they do well, but your part is over and done with. It has a life of its own.

AAG: Do you have a favorite book you've written?

Fraser: The last one. [laughs]

AAG: Is that always the answer?!

Fraser: Probably so – there are a lot of them and each one has its points. I don't think I have ever written anything that at some stage I don't think "this is the hardest thing I've ever tried to write."

AAG: You've had plenty of experience with that.

Fraser: And this fall I'm starting my 56th year of college teaching.

AAG: How many students have you taught?

Fraser: My hunch at Minnesota is between 30,000 to 40,000. I wish I had kept records.

AAG: Do you still enjoy it as much as the first time?

Fraser: I'm looking forward to it—10 o'clock tomorrow morning!

AAG: What is your favorite course?

Fraser: I'd have to say the Geography of the U.S. and Canada. To me Regional Geography is still the core of what we are doing, and teaching a regional course gives me a chance to share with students some of the fascinating things I've learned about a fascinating continent.

AAG: Anything you still hope to accomplish?

Fraser: Oh yes. I'm in the final throes of finishing a book, and will write another one next summer—a regional geography of Door County, Wisconsin, where my wife's family has land.

AAG: What perspective on geography does your long history of work give you?

Fraser: You remind me that I'm the only person that presented papers at both meetings of the 50th and 100th anniversary of the AAG.

AAG: Wow. What do you think has changed most over the past fifty years?

Fraser: I think that geography is moving in a totally new direction. Geography has gone through major metamorphosis. You don't expect anybody who's been through the early stage to like all the new directions. Probably anybody over a certain age feels that way.

AAG: You have been member of AAG for more than fifty years. What keeps you going?

Fraser: Inertia. [laughs] I do enjoy going to regional meetings and interacting in smaller groups. The national meeting is a madhouse—I love it but it's a madhouse. At the regional meetings you have a little more time to interact with people, and usually with different people.

AAG: What has been your most important contribution to geography?

Fraser: Other people have to decide that. We are very poor judges of our own work. I've had a lot of fun and done a lot of interesting things, it's up to others to decide what was useful and what wasn't.

Editor's Note: Suggestions for members to profile are welcome. Please send names and contact information to Patricia Solís at psolis@aag.org.

October Applied Geography Conference

At the 27th Annual Applied Geography Conference held October 20-23, 2004, in St. Louis, 180 academic and practicing geographers and students gathered to exchange ideas while participating in thirty sessions devoted to a wide array of topics. The themes of the program included geographic education, the environment, cartography and remote sensing, water issues, medical geography, and retail geography. Retail activity was the dominant theme of the meeting and papers on this topic focused on the roles of geographers in the retail industry, quantitative market research and forecasting methods, regional shopping center trends including the reuse of older mall sites, continuing education for the applied retail geographer, new uses for old stores, and emerging retail formats such as lifestyle centers and power centers.

In honor of two recently retired or soon-to-retire geographers, Dr. Cyrus Young, Miami University, and Dr. Dennis Lord, University of North Carolina, Charlotte, the May Company sponsored a dinner for the many retail geographers present that were trained by these two academics (see photos). It was noted that these two individuals alone have each trained dozens of young geographers that have gone on to distinguished careers in private sector jobs in the retail industry.

The 28th Annual Applied Geography Conference will be held in Washington, DC, November 2-5, 2005.



Back row left to right: Justin Wilson (Urban Science), David Must (Limited Brands), Doug Schnell (May Company), Cy Young, Eric Hendrickson (Walgreen's), Mike Schmid (Lowe's), Bill Kernitz (Sears). Front row left to right: Clay Hallman (May Company), Andrew Knoll (Ed Smith & Associates), Kevin Young (JC Penney), Don Dorschner (Kohl's), Ed Smith (Ed Smith & Associates), Jed Klink (McDonald's)



Left to right: Peter Gerney (Peter Gerney & Associates), Dennis Lord (University of North Carolina, Charlotte), John Lundregan (Target Corporation)

Necrology

Robert Fuson

Robert Henderson Fuson, aged seventy-seven, died October 22, 2004. He was a scholar of Columbus and the age of exploration.

Born in Bloomington, Indiana, Fuson grew up in New Bern, North Carolina.

He served in both the army and navy during World War II. During the Korean War, he held a commission in the air force reserve. Following his military service, he was an intelligence analyst in Washington, DC.

Fuson received his BA degree from Indiana University, an MA degree in geography from Florida State University and his PhD in geography and anthropology from Louisiana State University. He was a member of Phi Kappa Phi Honor Society. He was a charter faculty member of the University of South Florida and served for many years as chairman of the geography department, retiring as professor emeritus of geography. He is the author of numerous books,

including the textbook *Fundamental Place Name Geography*, now in its ninth printing. His other books include *The Log of Christopher Columbus* that won worldwide acclaim and was awarded the Montroll Special Award from the New York Academy of Science and Book of the Year from the Library Journal. His latest books were *Legendary Islands of the Ocean Sea*, and *Ponce de Leon and the Spanish Discovery of Puerto Rico and Florida*.



Murray

Malcolm Murray

Long-time AAG member and former Chairman of the Georgia State University Department of Geography, Malcolm "Mick" Murray died August 8, 2004. Murray was recognized as a fifty-year member of the AAG at the 2002 Annual Meeting in Los Angeles.

Born in Stratford, Ontario, Canada on December 22, 1925, Murray received a BA in General Science from the University of Western Ontario (1948) and an MA and PhD in geography from Syracuse University (1950 and 1955).

From 1952 until 1968 he was a faculty member in the Department of Geography at Miami University, Oxford, Ohio. During that period he traveled as a Fulbright scholar to the University of Southampton in England and on a Rockefeller Foundation assignment to the University of Ibadan in Nigeria.

In 1968 he was recruited by Georgia State University as Chairman of the newly founded Department of Geography. He developed a graduate program for that department, and spent ten years as Chairman before resigning in 1978 and remaining as full professor until his retirement in 1988. In 1975, while at

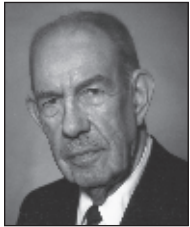
Continued on page 21

Necrology from page 20

Georgia State University, he served as a full professor of geography at the University of New England in Australia.

Murray travelled widely and his research and publications ranged from medical geography to recreation geography, computer graphics and the geography of energy.

Arthur H. Robinson



Robinson

Arthur H. Robinson died on October 10, 2004, after a brief illness. Robinson was President of the AAG in 1963 and is widely known for his creation of the Robinson Map Projection.

Born in Montreal, Canada on January 5, 1915, he received his early education in the U.S. and England. He earned a BA at Miami University in Oxford, Ohio (1936), an MA from the University of Wisconsin-Madison (1938), and a PhD at Ohio State University (1947). From mid-1941 until 1946, Robinson worked in Washington, DC, with the Office of Strategic Services (OSS), the forerunner of the CIA, and for most of that time he was Chief of the Map Division. In that position he supervised numerous types of cartographic work, including the preparation of nearly 5,000 maps, in support of the global war effort. During the war he was commissioned in the Army with the initial rank of captain, and was later promoted to major. For his distinguished service in the OSS he received the Legion of Merit.

In 1945 the University of Wisconsin-Madison offered Robinson a faculty position in the Department of Geography, and he began teaching there in 1946. He rose to become professor of geography and, in 1967, Lawrence Martin Professor of Cartography. He retired in 1980 with the rank of professor emeritus. During his long career he produced fifteen books and

monographs, one of which, *Elements of Cartography*, went through six editions and became a preeminent textbook in cartography. However, he is probably best known to the public for the creation of the Robinson Projection, a map projection that he referred to as "a portrait of the earth." In 1988 the National Geographic Society adopted that projection as its standard for producing world maps. The Robinson Projection was adopted by agencies of the U.S. government and many other users. Robinson's work was internationally recognized, and among his many honors were two honorary degrees (from Miami University in Oxford, Ohio and from Ohio State University), the Distinguished Service Award and the Helen Culver Gold Medal from the Geographic Society of Chicago, the Carl Mannerfelt Medal of the International Cartographic Association, the Silver Medal of the British Cartographic Society, the Osborn Maitland Miller Medal of the American Geographical Society, and the John Oliver LaGorce Medal of the National Geographic Society. He served as President of the International Cartographic Association, and as Vice President and President of the Association of American Geographers.



Woodward

David Woodward

On August 25, 2004, David A. Woodward died at his home in Madison, Wisconsin at the age of sixty-one. A professor of geography at the University of Wisconsin, Madison, he was known as a historian of mapmaking and for his role as editor for the encyclopedic series of books the History of Cartography Project which re-examines the place of mapmaking in world history.

Born August 29, 1942, in Royal Leamington Spa, England, Woodward

graduated from the University of Wales Swansea and earned his PhD from the University of Wisconsin in 1970. He joined the Newberry Library in 1969 and directed its Hermon Dunlap Smith Center for the History of Cartography from 1974-80. During this time, Woodward was an illustrator and an authority on Italian printed maps of the 16th century. This expertise eventually grew into a larger concern with, as he described it, "the graphic representation of spatial knowledge."

After his return to the University of Wisconsin, Woodward was named professor of geography and with colleague J.B. Harley began the History of Cartography Project in 1981. The project was conceived as a wide-ranging cultural history of mapmaking to be comprised of six volumes. Unlike previous projects of this nature that focused primarily on technical developments, this project was to include the social and philosophical implications of mapping. Harley and Woodward approached historians and other experts to contribute articles. The first volume, addressing mapmaking in Europe and the Mediterranean from prehistory to the medieval period, was praised by the New York Times in 1987 for "impeccable scholarship" and "new insights and some reassessment of traditional thinking."

The printing of the second volume, following Harley's death in 1991, was done in three sections from 1992 to 1998. This volume described among other topics, Islamic, African, Asian, and American maps. A third volume, to cover the European Renaissance, is planned for 2005. The remaining three volumes are slated to cover the European Enlightenment and the 19th and 20th centuries. The entire collection is expected to have a total of 4,500 pages.

Woodward took emeritus status in 2002 and continued to co-edit the project until his death.

**Sign up for AAG Annual Meeting Field Trips and Special Events.
Visit www.aag.org/annualmeetings/Denver2005/sp_events.cfm.**

Osa Brand received the National Council for Geographic Education (NCGE) George J Miller Distinguished Service Award for her contributions to geographic education.

NCGE Distinguished Mentor awards with related honoring paper sessions went to **Stan Brunn**, **Jan Monk**, and **Duane Nellis**.

On September 15, 2004, **C. W. "Bud" Minkel**, President of the U.S. National Section of the Pan American Institute of Geography and History and Professor of Geography at the University of Tennessee was awarded an honorary degree (Doctor Honoris Causa) by the National University of Piura, Peru. Highlights of his forty-five-year career as a Latin Americanist geographer were cited, particularly his contribution as a principal U.S. representative to the resolution of the long-standing Peru-Ecuador boundary dispute and his subsequent research and publications to support integration and development of the boundary region. He was awarded

an honorary professorship by the same institution in November 2000.

Lisa Butler Harrington, Kansas State University, was interviewed about her studies of Mount St. Helens on KSNT-TV (ABC, Topeka, Kansas) news October 6, 2004. She was also featured in an October 8 article in the *Manhattan Mercury* (Manhattan, Kansas), subtitled "A K-State researcher talks about Mount St. Helens, its 1980 eruptions, and what may happen next."

Jonathan Mayer, University of Washington, Department of Geography and Schools of Medicine and Public Health, has been named an editor of the *Encyclopedia of Public Health*, to be published by Elsevier. He has also been named to the National Academy of Science's "Committee on Research Priorities in the Earth Sciences and Public Health" as well as the National Academy's "Standing Committee on the Geographical Sciences."

Kathleen Parker, professor of geography at the University of Georgia, recently

completed the Bristol-Myers Squibb Tour of Hope, bicycling across the country to raise cancer awareness and support for clinical trials. During the nine-day trip, Parker put together a physical geography virtual tour describing each day of the tour across the U.S. The virtual tour can be viewed at www.ggy.uga.edu/TourHope/index.html.



University of Georgia Geography Professor Kathleen Parker (at front) assembled a virtual physical geography tour while biking across the U.S.

Grants and Awards

James S. Kus of the Department of Geography, California State University-Fresno, received a grant of \$846,320 from the Bureau of Reclamation (BOR) to carry out a study of potential recreational uses along the Friant-Kern Canal in central California. The canal, will be studied to determine the feasibility of constructing a multi-use (hiking/biking/equestrian) trail adjacent to the canal on unused federal land. The study will also identify right-of-way encroachments and examine possibilities for wildlife habitat enhancement. The BOR provided an additional \$100,000 to Kus to supervise student research projects at seventeen bureau sites in central California.

Ronald Briggs, **Fang Qiu**, and **Kevin Curtin** of the School of Social Sciences at the University of Texas at Dallas received an Innovations Workgroup Grant in the

amount of \$65,000 from the Environmental Protection Agency Region 6. These funds will be used to develop a strategic geographic planning tool for "Waste-to-Energy" projects. This tool will be used in the promotion of energy recovery activities and in the identification of facilities and locations for such activities.

Thomas Ponniah, a teaching assistant in social theory/social studies at Harvard, won a Harvard Certificate of Distinction in Teaching. He had one of the highest teaching evaluations in the university in the past year.

Jerry Griffith, University of Southern Mississippi, received a \$59,917 grant through NASA and the Mississippi Research Consortium to work on "Tamarisk Mapping Research Using NASA EOS Imagery." The work is

focused on identifying the optimal sensor(s) and dates for identifying and mapping invasive salt cedar (tamarisk) in Colorado and Utah. Griffith will work with colleagues at NASA Stennis Space Center, NASA Goddard Space Flight Center, and Colorado State University on the project.

Elitsa Peneva and **Danny Redo**, master's students at the University of Southern Mississippi, received First Place and Honorable Mention, respectively, in the student poster competition at the 2nd Annual Mississippi Gulf Coast Geospatial Conference, held October 20-21, in Biloxi, MS. Peneva's paper was entitled "Mapping Seagrass Distribution Off Horn Island, MS, Using Hyperspectral Imagery," and Redo's was titled "Reforestation in the Highlands of Western Honduras: 1987-2000".

AAG welcomes the following new members whose memberships were processed during October.

Ajonye, Onyanta, Stockholm, Sweden
 Amy, Richmond, Boston, MA
 Antos, Michael, North Hollywood, CA
 Barnes, Lindsey, Colorado Springs, CO
 Bartell, Karen, Driftwood, TX
 Batoon, Ailene, Carson, CA
 Belliappa, Namrata, Pasadena, CA
 Boellstorff, Darcy, Lincoln, NE
 Bozheva, Alexandra, Cedar Falls, IA
 Brunsell, Nathaniel, Lawrence, KS
 Bunbury, Joan, Ottawa, ON, Canada
 Burgess, William, New Orleans, LA
 Burke, James, Wilmington, NC
 Butler, Kevin, Akron, OH
 Cacciarru, Angela, Carrboro, NC
 Caprotti, Federico, Oxford, UK
 Coleman, Eric, Ogden, UT
 Collier, Matthew, Provo, UT
 Combs, Brad, New Hudson, MI
 Crotty, Sean, San Diego, CA
 Cyga, Christopher
 Dave, Kisor
 De Courval, Nicole, Longueuil, PQ, Canada
 De Roiste, Mairead, Dublin, Ireland
 Dildine, Robert, Winston-Salem, NC
 Donald, Mitchell, Southaven, MS
 Eisman, Daniel, Bethesda, MD
 Faulconbridge, James, Leicestershire, UK
 Feakins, Melanie, Columbia, SC
 Finkelstein, Sarah A., Ottawa, ON, Canada
 Forn, Brian, West Point, NY
 Friberg, Rhonda, Saint Paul, MN
 Galt, Ryan, Woodland, CA
 Gardner, Steven, University Park, PA
 Gorman, Nick, Elk Grove, CA
 Gurusamy, Kumari, Lima, Peru
 Haasbroek, Leonard, Garden City Park, NY
 Haasch, Justin, Akron, OH
 Haefner, Lori Nicholson, Colorado Springs, CO
 Hamilton, Kristin, Broomall,
 Hanlon, Bernadette, Baltimore, MD
 Harris, John, Garrattsville, NY
 Hill, James, Indianapolis, IN
 Hirsch, Maya, Springfield, MO
 Hitz, Douglas, Harrisburg, PA
 Holmgren, Camille, Tucson, AZ
 Hulett, April, Wellsboro, PA
 Hungerford, Charles
 Hwang, Yuh-Chin, Vestal, NY
 Ingram, Mrill, Madison, WI
 Jacobs, Ben, Akron, OH
 Jacobson, Lynette, Iowa City, IA
 Jemirin, Serah, Sterling Heights, MI
 Jody, Patterson, La Sal, UT
 Johnson, Peter, Tucson, AZ
 Kauth, Matthew, Oak Lawn, IL
 Kelley, Jason
 Kemble, Steven, Temple City, CA
 Kemp, Jason, San Marcos, TX
 Kim, ChangHwan, Beaverton, OR
 Kincaid, Joni, College Station, TX
 Knapp, Kevin, Colorado Springs, CO
 Kong, Shu Piu William, NT, Hong Kong
 Kuntzelman, Scott, Bloomington, IL
 Kuzera, Kristopher, San Diego, CA
 Lair, Sharla, Tallahassee, FL,
 Laird, Jonathan, Blacksburg, VA
 Lamichhane, Dipendra, Carbondale, IL
 Lange, Robert, Pittsburgh, PA
 Lansing, David, Columbus, OH
 Law, Kevin, Columbus, OH
 Leathers, Miranda, Manhattan, KS
 Lee, David, Montreal, PQ, Canada
 Lee, Erica, Dallas, TX
 Lenz, Alison, Syracuse, NY
 Levin, Laura, Long Beach, CA
 Lewis, Joseph, Dublin, OH
 Leybourne, Shona, Plano, TX
 LI, XIANG, Sha Tin, N.T., Hong Kong
 Li, Xingong, Lawrence, KS
 Li, Zhijie, Hong Kong
 Liu, Junwei, Boulder, CO
 Luis, Garcia, Atlanta, GA
 Lund, Kris, Iowa City, IA
 Macke, Brian, Austin, TX
 Magnusson, Alison, San Antonio, TX
 Manrique, Claudia, Redlands, CA
 Metcalf, Julain, San Francisco, CA
 Mettle, Susan, Houston, TX
 Meyer, Gregory, Binghamton, NY
 Mohammed, G. Salim, Madison, WI
 Molnar, Katalin, Seattle, WA
 Moran, Dominique, Birmingham, UK
 Mrozinski, Richard, Storrs, CT
 Mukherjee, Falguni, Whitefish Bay, WI
 Mundende, D. Chongo, Edmond, OK
 Murphy, Joshua, Albany, NY
 Nakagawa, Monique, San Francisco, CA
 Neff, John, Seattle, WA
 Nox, Rain, Austin, TX
 O'Halloran, Eileen, Mountain View, CA
 Ozbakir, Buket Aysegul, Ottawa, ON, Canada
 Pande, Archana, Carbondale, IL
 Parr, David, Austin, TX
 Patton, Erik
 Pearce, Margaret, Marshall, MI
 Pearson, Kurt, Mebane, NC
 Peguero, Megan, Highland Falls, NY
 Pfeffer, Michelle D, Knoxville, TN
 Presiado, Rhea, Sacramento, CA
 Price, Jonathan, Washington, DC
 Quinn, Aaron, Omaha, NE
 Ray, Waverly, Austin, TX
 Ross, Nick, Knoxville, TN
 Russell, Nicole, Parks, AZ
 Rutkowski, Joshua, Morgantown, WV
 Senn, Michael, West Point, NY
 Sin, Harnng Luh, Singapore
 Smith, Russell, Greensboro, NC
 Smith, William, Arlington, VA
 Solomon, Shirley, Mount Vernon, WA
 Stahl, Karen, Moorpark, CA
 Steinberg, Adam, San Francisco, CA
 Stetson, Robert, Seminole, FL
 Stone, Thomas, West Lebanon, NH
 Suzanne, Smith, San Francisco, CA
 Swain, Joseph, Norman, OK
 Tolness, Denise, Burley, ID
 Tomaszewski, Brian, Geneseo, NY
 Turner, Jon, Holland, MI
 Underwood, Chris, Lansing, TN
 Vandervoort, Carla, Boulder, CO
 Vicino, Thomas Joseph, Columbia, MD
 Wallace, Stuart, Chapel Hill, NC
 Watts, Raymond, Fort Collins, CO
 Weeks, Amy, Charlotte, NC
 Wei, Dan, State College, PA
 Weisberg, Peter, Reno, NV
 Willis, Keya, Macomb, IL
 Winston, John, Blacksburg, VA
 Wrona, Kalyn, Baton Rouge, LA
 Zhou, Naijun, Madison, WI
 Zivian, Anna, Santa Cruz, CA

Biogeography SG

The Fall 2004 edition of Biogeography Specialty Group's newsletter, *The Biogeographer*, is available online at www.departments.bucknell.edu/geography/The_Biogeographer/.

Ethnic Geography SG Dissertation Proposal Competition

The Ethnic Geography Specialty Group (EGSG) is pleased to sponsor its annual dissertation proposal competition. The winner will receive a \$250 prize, an award certificate, a ticket to the AAG Awards Luncheon in Denver, and formal recognition at the AAG Banquet and in the *AAG Newsletter*.

Requirements are as follows: (1) PhD students who have successfully defended their dissertation proposals may participate in this competition. Please ask your advisor to send a note (email is fine) to the EGSG Dissertation Proposal Competition Chair to verify your ABD status. (2) The dissertation topic must explore some aspect of ethnic geography. (3) Please submit via email the actual written dissertation proposal. If there are essential graphics which cannot be emailed, these may be sent via mail. (4) Papers must be received no later than **February 18, 2005**. Please submit proposals to Heather Smith, heatsmit@email.uncc.edu.

For further information related to guidelines contact: Heather Smith, EGSG Dissertation Proposal Competition Chair, Department of Geography and Earth Sciences, University of North Carolina at Charlotte. Phone 704-687-4338 or email heatsmit@email.uncc.edu.

Qualitative Research SG Student Research Grant Competition

The Qualitative Research Specialty Group (QRSG) of the AAG is pleased to announce the first QRSG Student Research Grant Competition for 2005. This competition replaces the previous student paper competition. The QRSG will make one or two awards (depending

on the quality and merit of the proposals submitted) of \$500 to support students who are developing a research project from a qualitative methodology perspective. Both pre-dissertation (e.g. MA level) and/or dissertation research proposals are welcome for research to be conducted anytime through February, 2006.

The QRSG will consider research proposals on any subject of geographic inquiry as long as proposals (1) clearly indicate the proposed research topic and aims and (2) effectively approach such research problem and research question(s) from a qualitative perspective. Proposals should clearly demonstrate how and why (a) particular qualitative method(s) (e.g., interviewing, archival research, participant observation, visual analysis, etc.) are suitable and needed to conduct the research project successfully. While particular emphasis is placed on methodology, proposals also should exhibit a well-formulated theoretical framework, should be appropriately positioned in the pertinent and current geographic literature on the topic of choice, and should show the relevance of the proposed research to current geographic scholarship. Submissions also should include a simple budget indicating how funds will be used for conducting the research (e.g., travel expenses, purchase of software or equipment, etc.) Proposals can range from a minimum of six to a maximum of twelve double-spaced pages, excluding figures, references and budget.

Deadline for submission of proposals is **February 5, 2005**. Winners will be contacted shortly before the AAG Annual Meeting in April 2005, where the winner(s) will be officially announced. Please send four copies of your proposal to Fernando Bosco, Department of Geography, San Diego State University, San Diego, CA 92182-4493 or via email (PC Word file or PDF) at fbosco@mail.sdsu.edu. Please include a cover letter clearly indicating your name, affiliation, status (e.g., MA, PhD student) and contact information.

Call for Papers

Social Sciences

The 4th Annual Hawaii International Conference on Social Sciences will be held June 13-16, 2005, in Honolulu, Hawaii. Scholars from all areas of social sciences, including geography, are invited to submit papers. Deadline for submissions is **February 1, 2005**. For more information visit www.hicsocial.org.

Tourism, Carnival and Folklore

The conference "Journeys of Expression IV: Tourism, Carnival and Folklore" will bring together international academics to discuss the complex relationships between tourism and festivals, this time focusing on aspects of folklore and carnival. The conference will take place March 17-20, 2005, in Dubrovnik, Croatia.

Please send your abstract of no more than 300 words with full address details as an electronic file to Dr. David Picard (d.picard@shu.ac.uk) as soon as possible but by **January 14, 2005** at the latest. More information can be found at www.tourism-culture.com/#.

**The AAG gratefully
accepts bequests.**

**For information on
planned giving options**

at the AAG, please call

202-234-1450 ext 20.

DECEMBER

15. Transportation SG Student Paper Award and Ullman Award. Contact Jean-Paul Rodrigue at ecojpr@hofstra.edu.

19. Canadian Studies SG Student Paper Competition. Contact Soren Larsen at sc Larsen@georgiasouthern.edu.

31. AAG Glenda Laws Award. www.aag.org/Grantsawards/glendalawsaward.htm.

31. AAG Meredith F. Burrill Award. www.aag.org/Grantsawards/burrill.htm.

31. AAG George and Viola Hoffman Award. www.aag.org/Grantsawards/Hoffmanfund.html.

31. J. B. Jackson Prize. www.aag.org/Grantsawards/jackson_prize.cfm.

31. AAG Globe and Meridian Book Awards. www.aag.org/Grantsawards/index.cfm.

31. AAG Anne U. White Fund. www.aag.org/Grantsawards/Annewhitefund.html.

31. AAG Research Grants. www.aag.org/Grantsawards/Generalresearch.html.

31. AAG IGIF Student Travel Grant. www.aag.org/Grantsawards/index.cfm.

31. AAG Dissertation Research Grants. www.aag.org/Grantsawards/Dissertationresearch.html.

2005 JANUARY

1. Rural Geography SG John Fraser Hart Award for Research Excellence, Donald Q. Innis Award, and Lifetime Achievement Award for Excellence in Rural and Agricultural Geography. Contact Kenneth Dagle at dagleke@mWSC.edu.

1. Asian Geography SG Student Paper Competition. Contact Dennis Wei at wei@uwm.edu.

6. Fellowships at the International Center for Advanced Studies at NYU. www.nyu.edu/gsas/dept/icas.

7. Cultural Geography SG Student Paper Competition. Contact Soren Larsen at sc Larsen@georgiasouthern.edu.

10. U.S. Institute of Peace, Peace Scholar Awards. www.usip.org/fellows.

14. Disability SG Student Paper Competition. <http://courses.temple.edu/neighbor/service/disability&geography.html>.

14. Pennsylvania Historical and Museum Commission Scholars in Residence Program. www.phmc.state.pa.us.

15. Latin America SG Student Paper Competition. <http://sites.maxwell.syr.edu/clag/lasg.htm>.

15. American Antiquarian Society Fellowships. www.americanantiquarian.org.

15. Remote Sensing SG Early Career Award. Contact Doug Stow at stow@mail.sdsu.edu.

18. Biogeography SG Graduate Student Research Grant. www.departments.bucknell.edu/geography/The_Biogeographer/.

FEBRUARY

1. SWG Pruitt National Fellowship for Dissertation Research Program. Contact Ruth Shirey at rishirey@iup.edu.

1. U.S. Community Forestry Research Fellowships. Email cffellow@nature.berkeley.edu.

1. Arctic Institute of North America Grants. www.ucalgary.ca/AINA/education/grants_AINA.html.

1. Regional Development and Planning and Asian Geography SGs Student Paper Award. Contact Jayati Ghosh at jghosh@dominican.edu.

1. Historical Geography SG Student Research Awards. Contact Jeffrey Smith at jssmith7@ksu.edu.

5. Qualitative Research SG Student Research Grant Competition. Contact Fernando Bosco at fbosco@mail.sdsu.edu.

15. Geography of Religions and Belief Systems SG David E. Sopher New Scholar Award. Contact Michael Ferber at mferber@geo.wvu.edu.

15. Spatial Analysis and Modeling SG Student Paper and Emerging Scholar Paper Competitions. Contact Fahui Wang at fwang@niu.edu.

18. Ethnic Geography SG Dissertation Proposal Competition. Contact Heather Smith at heatsmit@email.uncc.edu.

25. Ethics, Justice, and Human Rights Specialty Group Student Paper Competition. Contact Malcolm Cutchin at mputcchi@utmb.edu.

MARCH

1. Rural Geography SG Student Paper Competition. Contact Kenneth Dagle at dagleke@mWSC.edu.

APRIL

15. Best Practices in Science Modeling Competition. www.esri.com/science/modeling.

MAY

15. SWG Pruitt National Minority Fellowship Program. Contact Ruth Shirey at rishirey@iup.edu.

Quarter Century

The December 1979 issue of the *AAG Newsletter* was a short issue of only sixteen pages. In it, a group of geographers urged the creation of a **Bible Geography Specialty Group**. Interested parties were asked to sign a petition to help create the specialty group... Lawrence J. C. Ma, University of Akron, was awarded a Ford Foundation Grant by the Association for Asian

Studies to edit and prepare the manuscript of the volume of papers delivered at the U.S.-China Symposium on the Chinese and American Embassy... the **Council of Latin Americanist Geographers** advertised their upcoming tenth anniversary meeting, to be held in Muncie, IN in April of 1980.

Jobs in Geography

UNITED STATES

***ALABAMA, AUBURN 36849.** The Department of Geology and Geography, Auburn University, Alabama, invites applications for the position of **Chair of the Department of Geology and Geography** within the College of Sciences and Mathematics. The initial appointment will be for 4 years beginning Fall Semester 2005 and renewable once for a second 4 year term. The department presently has a faculty of 10 geologists and 5 geographers. The department offers a Masters degree in geology and has about 20 graduate students, at least 14 of which receive teaching or research assistantships. It averages about 20 geology majors and 25 geography majors. Further information on the department can be found at http://www.auburn.edu/academic/science_math/cosam/docs/geol_geog.html.

Applicants must have a Ph. D. in geology or geography and a record in research, teaching, and service qualifying for the rank of Full Professor with tenure in the department. The candidate should be a dynamic leader with strong interpersonal skills and have a record of academic excellence; evidence of administrative experience is desirable. The candidate will be expected to provide leadership for programmatic development, expansion of the graduate program, and nurturing existing areas of research and teaching.

The applicant should submit a statement discussing administrative philosophy, departmental vision, and personal teaching and research goals. Send this material along with a curriculum vitae and the names of three references with contact information to the address below. DEC 04-269.

Apply: Dr. Michel Smith, Chair Geology-Geography Search Committee, Parker Hall, Auburn University, Auburn AL, 36849. *Women and Ethnic Minorities are Encouraged to Apply.* Review of applications will begin January 16, 2005 and will continue until a candidate is recommended for appointment. The candidate selected for this position must be able to meet eligibility requirements for work in the United States at the time the appointment is scheduled to begin and must be able to communicate in English.

Auburn University Is An Affirmative Action/Equal Opportunity Employer.

ALABAMA, TUSCALOOSA 35487-0322. The University of Alabama. Department of Geography. The Department of Geography

invites applications for a full-time, tenure track faculty member at the rank of **Assistant Professor** to begin August 2005. A Ph.D. in geography is required and must be completed at the time of appointment. We are seeking applicants with teaching and research interests in **Physical Geography**. Teaching responsibilities include introductory courses in physical geography and upper division courses in geomorphology and other areas of specialization. A commitment to improving the physical geography program and an active research agenda is expected. Applicants should provide a statement of background and experience relevant to this position, curriculum vitae, and the names and contact information for three references. Salary is commensurate with experience. The review of applications will begin January 2, 2005 and continue until the position is filled. This position is contingent on funding. NOV 04-197.

Apply: David Shankman, Search Committee Chair, Department of Geography, Box 870322, University of Alabama, Tuscaloosa, AL 35487-

0322. Email: Shankman@bama.ua.edu. For more information visit our website at www.as.ua.edu/geography.

The University of Alabama is an Equal Opportunity, Affirmative Action Employer and encourages applications from women and minority group members.

ARIZONA, TEMPE. Arizona State University seeks an accomplished, innovative scholar to serve as the **Chair of the Department of Chicana and Chicano Studies (CCS)**.

CCS offers an interdisciplinary curriculum on the experiences, culture and artistic endeavors of people of Mexican descent living in the United States. An individual is sought who will provide creative leadership for the growth and integration of faculty and research programs, further develop teaching effectiveness and establish strong ties with other university or community based research and educational initiatives.

The position is available beginning July 1, 2005. Full applications / qualification information

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

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

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

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

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

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

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

* Indicates a new listing

including how to nominate individuals is available at http://www.asu.edu/clas/chicana/chair_search.htm. Consideration of complete applications will begin on November 15, 2004; if not filled, completed applications will be considered on the 1st and 15th of each month thereafter until the search is closed. ASU is an equal opportunity/affirmative action employer. NOV 04-2008.

***ARIZONA, TEMPE 85287-2402.** Arizona State University. Department of Anthropology invites applications from outstanding scholars who specialize in the **cultural dynamics of modern urban contexts**. ASU is enhancing its focus on urbanization by adding at least seven faculty members in different departments (Anthropology, Geography, and School of Planning) to its established strengths in the study of complex societies, urbanism, and the environment. We have **two positions, one at the Full Professor level and one at the Associate Professor level**. Applicants must have a distinguished record of research and teaching experience appropriate to rank. Preferred qualifications include a demonstrated ability to articulate urban issues in interdisciplinary terms and to coordinate with the university's urban studies initiative and experience with ethnographic research and qualitative analysis. Desirable research interests include, but are not limited to, ethnic communities, comparative global cities, informal economies, migration, policy and program development, rural-urban relations, transnationalism, and workplace environments. Successful candidates will be expected to teach graduate and undergraduate courses, to conduct research and publish in their areas of specialization, and to perform appropriate university, professional, and community service. Qualifications include the Ph.D. in anthropology or a closely related field, at least 10 years research and teaching experience (15 for full professor rank), and demonstrated capacity to design, fund, and manage large research projects. Salary is commensurate with experience. Review of applications will begin on January 18, 2005; if not filled, 1st and 15th of each month thereafter until search is closed. Send cover letter, curriculum vita, and contact information for three references to the address below. DEC 04-254.

Apply: Chair, Modern Urban Search Committee, Department of Anthropology, Box 872402, Arizona State University, Tempe, AZ 85287-2402, USA. ASU is an EO/AA employer; the Department of Anthropology actively seeks diversity among applicants and supports the diversity of employees.

***ARIZONA, TEMPE 85287-2005.** The School of Planning (SOP) at Arizona State University is searching for candidates to fill three faculty positions beginning Fall 2005. SOP has strong expertise and concentrations in community and urban development, environmental planning, international planning, citizen participation, planning and landscape history, land use law, urban design, and urban and regional analysis. SOP also participates in two certificate programs in Transportation and GIS. There has also been growing faculty involvement in research and teaching in Europe, Asia, and Latin America, with increasing international planning and design focus at both graduate and undergraduate levels.

SOP is located within the College of Architecture and Environmental Design (CAED) at Arizona State University-Main. The College has two other schools: the School of Design and the School of Architecture. SOP participates in the CAED's interdisciplinary Ph.D. program in Environmental Design and Planning. SOP currently offers an accredited, professional Master of Environmental Planning (MEP) degree, an accredited, professional Bachelor of Science in Planning degree, and a Bachelor of Science in Design degree with a major in Housing and Urban Development.

ASU is moving toward the concept of the "New American University," which focuses on community embeddedness, transdisciplinary applied research, and connections to the international community. SOP is actively involved in this new agenda. Faculty and graduate students are participating in new university-wide initiatives, including the Stardust Foundation Initiative for Affordable Housing, the Consortium for the Study of Rapidly Urbanizing Regions, the Urban Design Institute, the Pan American Initiative, and the Long-term Ecological Research Project on Phoenix' Urban Ecology. The candidates selected will have significant research/creative opportunities in these initiatives, as well as others, to attract external funding.

1. Assistant or Associate Professor in Housing and Urban Development. JO# 8081.

An individual is sought for a tenure-track or tenured appointment to enhance the curricula and research agenda in housing and urban development. The candidate will teach graduate and undergraduate lecture and studio courses across the curriculum and mentor graduate and undergraduate students. Active participation is expected in faculty governance and curriculum development, in addition to contributions to the Master in Environmental Planning degree

program, as well as undergraduate programs leading to the Bachelor of Science in Planning and the Bachelor of Science in Design with a major in Housing and Urban Development.

Required qualifications: Ph.D. in Planning or related discipline; experience in teaching and record of scholarship as well as nationally recognized work appropriate to rank; professional experience in one or more of the following: development of housing and residential real estate, (including design and planning), construction, housing affordability, and sustainability. Collaborative and interdisciplinary funded research and demonstrated ability to attract external resources appropriate to rank are desired.

2. Assistant or Associate Professor in Land Use or Transportation and Environmental Planning. JO# 8080. An individual is sought for a tenure-track or tenured appointment to enhance the curricula and the research agenda in land use or transportation and environmental planning. This is a joint position with the Center for Environmental Studies at ASU where the individual will be expected to contribute to the Center's strong and growing research agenda dealing with urban environments, sustainability, and rapidly urbanizing regions, among other topics.

Required qualifications: Ph.D. in Planning or related discipline; experience in teaching and record of scholarship appropriate to rank; research and/or teaching focus on land use or transportation and environmental planning. Collaborative and interdisciplinary funded research and demonstrated ability to attract external resources appropriate to rank are desired. Candidates whose research and/or work includes computer-based environments with modeling and visualization are also desired.

3. Assistant or Associate Professor in Analytical Methods, Economic and Spatial Analysis. JO# 8079. An individual is sought for a tenure-track or tenured appointment to enhance the curricula and the research agenda in planning. The candidate for this position is expected to make significant contributions to the Master in Environmental

Planning degree program, as well as undergraduate programs leading to the Bachelor of Science in Planning and the Bachelor of Science in Design with a major in Housing and Urban Development. We seek an individual who will actively participate in faculty governance and curriculum development in our program's core, particularly in the areas of research and spatial methods, computer applications and economic and spatial analysis.

Required qualifications: Ph.D. in Planning or related discipline; experience in teaching and record of scholarship appropriate to rank; research focus on analytical methods and/or economic and spatial analyses; demonstrated knowledge of GIS, modeling, and/or gaming and simulation. Collaborative and interdisciplinary funded research and demonstrated ability to attract external resources appropriate to rank are desired.

The application deadline is January 7, 2005; if not filled, every other Friday until search closed. To apply, submit: a) a letter of interest with JO# on it, b) current curriculum vita, c) examples of research and/or creative work, and d) name and address of three references. DEC 04-238.

Apply: Submittal may be by one of three methods: 1) thru the mail: Chair, Faculty Search Committee, School of Planning, PO Box 872005, Arizona State University, Tempe, AZ 85287-2005; 2) by courier: adding AED 158 at University Drive and Forest Avenue to the preceding address; 3) digitally to: Gloria Jeffery at gjeffery@asu.edu. Please submit contact information (addresses, phone numbers and email addresses). ASU is an Equal Opportunity/Affirmative Action employer. <http://www.asu.edu/caed>.

***ARIZONA, TUCSON 85721.** The Department of Geography and Regional Development (GRD) at the University of Arizona (<http://geog.arizona.edu>) seeks a technical **staff member** specializing in the areas of **internet GIS, web programming for GIS, and computer cartography**. Candidates must have skills in user interface design for web-based applications. S/he will have experience in working on team oriented, multi-disciplinary educational and research projects. S/he is expected to work with faculty, students, and other support staff in the Department's new GeoVisualization Lab. Close collaboration with other units on campus, including the Center for Applied Spatial Analysis, the Institute for the Study of Planet Earth, and the Office of Arid Lands, among others, is anticipated. Funding for the position is secured through December 2005. Beyond that date, candidates are expected to be written into grants and contracts; additional bridge funding may also be forthcoming. For full details regarding minimum qualifications and to apply, visit the University of Arizona job webpage at www.uacareertrack.com, and enter Job # 31818. Applicants should be prepared to answer a list of online questions pertaining to specific IT/GIS qualifications, and to submit a CV, a letter of application, directions to web-based examples of past work, and the names of three referees. DEC 04-270.

The position is open until filled, with applications reviewed on a continual basis. As an equal opportunity and affirmative action employer, the University of Arizona recognizes the power of a diverse community and encourages applications from varied experiences, perspectives, and backgrounds.

ARKANSAS, CONWAY 72035. The University of Central Arkansas, Department of Geography invites applications for an **Assistant Professor**, tenure-track position in **GIS**, beginning August 2005. The candidate must have completed a doctoral program in geography by the time of appointment. The successful candidate will teach at least one section of Principles of Geography (a General Education elective) each semester. Other teaching assignments may include, Introduction to GIS, Remote Sensing, GIS in Practice: Environmental Applications, and Geographic Information Analysis. In addition, the successful candidate will direct an on-line GIS certificate program at the graduate level, provide leadership in the creation of a GIS Center, provide in-service GIS training to university faculty and officials in nearby communities, and facilitate relationships with the Environmental Science Program and the Department of Management Information Systems. The Department of Geography is interested in an enthusiastic individual who has Web design skills, map-server/interactive mapping experience, the ability to promote and spread the use of GIS across campus, recruit students to the Department, work well with community officials, be active in the Arkansas GIS Users Group, and strengthen the existing GIS program. Salary is competitive. Candidates should submit letter of application, curriculum vita, and the names of at least three references by December 31, 2004, to the address below. NOV 04-181.

Apply: Dr. Brooks Green, Chair, Department of Geography, University of Central Arkansas, 301 Irby Hall, 201 Donaghey Avenue, Conway, Arkansas, 72035. Founded in 1907, the University of Central Arkansas is an accredited state-supported institution that awards the bachelor's, master's, specialist's and PhD degrees. The university has an enrollment of 10,200 students and a faculty of more than 425. Conway, a community of 45,000, has three colleges and universities and is located thirty miles northwest of Little Rock, the state capital. UCA is an Equal Opportunity/Affirmative Action employer. The Web site is www.uca.edu.

***CALIFORNIA, CHICO 95929-0425.** Assistant Professor. Tenure track position beginning

in August 2005. The Department of Geography and Planning at California State University, Chico seeks applicants for a tenure-track position in **environmental geography**. Successful candidates will have expertise in water policy, natural resource management or related field, and should have a regional focus on Northern California and/or the American West. A Ph.D. in geography or allied discipline is required at the time of the appointment. Teaching assignments will include upper division courses in the successful candidate's area of expertise, specialization courses in the master's program, and general education courses such as Environmental Issues or The American West. Teaching responsibilities may include courses in the Rural and Town Planning and in Geographic Information Technologies certificate programs, and in the Minor in Environmental Studies. Candidates must possess a strong commitment to quality undergraduate and graduate education and advising. Candidates should be willing to seek external funding for research projects and contracts. CSU, Chico especially encourages research initiatives and outreach projects in Northern California.

As a university that educates students of various ethnic and cultural backgrounds, we value a diverse faculty and staff. CSU, Chico welcomes applicants who are knowledgeable about and interested in working within a crosscultural learning environment.

Qualified candidates should send (1) a curriculum vitae (2) a statement of teaching experience and research goals (3) at least one sample of written work, and (4) names and contact information of three references to the address below. DEC 04-252.

Apply: Dr. Jacquelyn Chase, Chair of the Search Committee, Department of Geography and Planning, California State University, Chico, CA 95929-0425. Phone: (530) 898-5587. Fax: (530) 898-6781. Email: jchase@csuchico.edu. Applications are due on January 15, 2005.

CALIFORNIA, FRESNO 93740-8034. California State University Fresno seeks applicants for an **Assistant Professor** (Tenure Track) in **Climatology/Meteorology** to begin in August, 2005. An earned doctorate in Geography, Climatology or Meteorology is required for appointment for a tenure track position although candidates nearing completion of the doctorate may be considered for a lectureship with the possibility of conversion to tenure track upon completion of the degree. The successful candidate will primarily teach undergraduate courses in climatology and meteorology, severe weather, and related subjects.

Other course assignments may include remote sensing, GIS, and computer applications. Candidates are expected to demonstrate a commitment to or potential for teaching excellence, research, and other scholarly activity.

An online application form can be found at www.csufresno.edu/aps/vacancy/sc1.pdf.

Correspondence, applications, and inquiries should be directed to the address below. NOV 04-200.

Apply: Dr. James S. Kus, Committee Chair, Department of Geography, California State University Fresno, Fresno, CA 93740-8034, Phone: 559-278-5236,

Fax: 559-278-7268, email: jamesk@csufresno.edu Applicants are encouraged to have all materials on file by November 15, 2004 to ensure consideration.

***CALIFORNIA, LOS ANGELES.** Global Fellows, UCLA International Institute.

The UCLA International Institute will appoint up to eight new **Global Fellows** for the 2005-2006 academic year, to commence residence on 1 September 2005. Fellows will be drawn from the arts and humanities (including literary studies and philosophy), the natural sciences (including engineering, medicine, and public health), and the social sciences (including law, public policy, and management). There is no citizenship requirement. Applicants must have received their doctoral degree no earlier than 1 January 1998 and no later than 1 April 2005. Appointment as a Global Fellow will carry an annual salary of up to \$50,472.

Further information is available at <http://www.international.ucla.edu/>. Inquiries should be directed to globalfellows@international.ucla.edu or (310) 825-4921.

Applications and nominations should be submitted, on-line, between 15 November 2004 and 15 January 2005. The names of the Global Fellows should be announced, and formal invitations extended, by 1 March 2005. DEC 04-237.

CALIFORNIA, LOS ANGELES 90032-8222. California State University, Los Angeles. The Department of Geography and Urban Analysis is accepting applications for a **Tenure-Track Assistant Professor of Geography** in geography of Mexico/Central America with a strong background in the environment and development of the developing nations. Knowledge of GIS and/or quantitative methods is preferred. The successful candidate will teach introductory cultural geography and upper-division and graduate courses in geography of Mexico and Central

America, environment and development of the developing nations, world resources, and her/his own specialties. The starting date is September 1, 2005. Ph.D. is required. Candidates must demonstrate a potential for effective teaching and scholarship, and the ability and interest to work in a multi-ethnic, multicultural environment. The successful candidate is expected to develop an active research program and to seek external funding.

Apply: Submit letter of application, curriculum vitae, transcript from institution awarding highest degree, and three letters of recommendation. Employment is contingent upon proof of eligibility to work in the United States. Review of applications will begin on January 15, 2005, and continue until position is filled. NOV 04-227.

Address applications, required documentation and/or requests for information to: Killian Ying, Chair, Department of Geography and Urban Analysis.

***CALIFORNIA, MONTEREY 93943.** The Department of Defense Analysis at the Naval Postgraduate School seeks to fill a **tenure track position with a geographer with a background in strategic, political, and/or cultural geography** who is interested in problems of inter-state and sub-state conflict. Duties include teaching, thesis advising, and research and writing on topics relevant to the Department's interests. U.S. citizenship is required. The Department offers a multidisciplinary Master's degree program to selected students from across the military services. Most students are drawn from the Special Operations community. The Department also has a large group of international student officers. Ph.D. is preferred but we will consider candidates who are close to completing their dissertation. Positions open in Spring 2005. Candidates should submit their application packet, including three letters of recommendation, to the address below. DEC 04-241.

Apply: Professor David Tucker, Chairman, Search Committee, Department of Defense Analysis, Root Hall, 589 Dyer Road, Naval Postgraduate School, Monterey, CA, 93943. The position will remain open until it is filled. EOE.

***CALIFORNIA, REDLANDS 92373.** Educational Products Department Manager. Join the world leader in GIS! ESRI is recruiting for an Educational Products Department Manager to support and lead teams responsible for the development and delivery of technical educational content for users of ESRI's GIS software. Manage the day-to-day operations of a 30-person

department and work closely with the Director of Educational Services to define new educational products and develop new business models. Be responsible for ongoing staff development and collaboration, work with clients to implement training solutions and negotiate contracts with third-party authors.

Successful candidates will possess a Master's degree in education, instructional technology, or a related field and a minimum of three years of management experience, preferably in the field of distance education/training for adults. Applicants must also have knowledge of instructional technology, design principles, and print and Web publishing techniques; experience with principles and methods for curriculum and training design; and knowledge of applications of GIS and ESRI software.

To apply, send your cover letter and resume to jobs@esri.com or apply online at www.esri.com/careers. Please code all submissions AAG/TF. DEC 04-233.

***CALIFORNIA, SAN DIEGO 92182-4493.** San Diego State University seeks applicants for the **Stephen and Mary Birch Foundation Endowed Chair in Geographical Studies** to begin in August, 2005. The Department is seeking an outstanding scholar with a superlative record in research, teaching, and grant acquisition in Environmental Analysis and Geographic Information Sciences. Departmental information can be found at <http://geography.sdsu.edu>. Send letter of application describing research agenda and teaching interests, curriculum vitae, and names and addresses of three references. Applicant should show a commitment to working in a multi-cultural environment with students from diverse backgrounds.

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

Applications must be received by 14 January 2005. Applications should be sent to the address below. DEC 04-264.

Apply: Dr. Stuart Aitken, Chair, Hiring Committee, Department of Geography, email: saitken@mail.sdsu.edu.

COLORADO, BOULDER 80309-0216. The Cooperative Institute for Research in Environmental Sciences (CIRES) at the University of Colorado at Boulder seeks applicants for a **tenure-track faculty position in Anthropogenic**

Perturbations of Ecosystems. Research and teaching areas of special interest include loss of biodiversity, land-use/land-cover change, effects of climate change, atmospheric and water pollution on ecosystems, and the state of critical resources such as freshwater systems, forest resources, and fisheries. Interdisciplinary research that combines inputs from different disciplines is particularly valued in CIRES. The position will be affiliated with an appropriate Boulder campus department, depending upon the research interests of the successful applicant. For more information about CIRES, see <http://cires.colorado.edu>.

Applicants should send a cover letter, curriculum vitae and a statement of research plans, and arrange for three letters of reference to be sent to the address below. NOV 04-219.

Apply: Anthropogenic Perturbations Search Committee, Cooperative Institute for Research in Environmental Sciences, Campus Box 216, University of Colorado at Boulder, Boulder, CO 80309-0216.

The search committee will begin considering applications on November 15, 2004, and the search will continue until the position is filled.

The University of Colorado at Boulder is committed to diversity and equality in education and employment.

***COLORADO, COLORADO SPRINGS 80903.** Colorado College, Geographer: The Southwest Studies and Environmental Science Programs jointly seek applicants for a tenure track appointment as an **assistant professor of Southwest Studies and Environmental Science**. The candidate will participate fully in both the Southwest Studies and Environmental Science programs and have primary teaching responsibilities in classes focusing on applying the methods of GIS and spatial analysis to research in the Southwest. Specialties in hydrology, biogeography, climatology, American regions, cartography, planning, ecology, land use, demography and agriculture are among those of interest. Experience with supervision of undergraduate student research is especially welcome. A strong commitment to teaching at the undergraduate level is required. Candidates should have a Ph.D. or equivalent degree. Salary is commensurate with experience. Applicants should submit a letter of introduction, a statement of teaching philosophy, a discussion of research interests that can involve undergraduates, a curriculum vita, transcripts of graduate and undergraduate education, and three letters of recommendation no later than January 5, 2005. DEC 04-256.

Apply: Dr. Anne Hyde, Director of Southwest Studies, Colorado College, 14 E. Cache La Poudre, Colorado Springs, CO 80903. The College does not discriminate on the basis of race, color, age, religion, sex, national origin, sexual orientation, or disability and we encourage those who share a desire to increase the diversity represented at the College to apply. E.O.E.

CONNECTICUT, STORRS 06269-4148. The Department of Geography at the University of Connecticut invites applications and nominations for the position of department head beginning August 1, 2005 at the rank of tenured Associate or Full Professor. Field of specialization is open, but should be consistent with departmental strengths as discussed below. The position comes with a nationally competitive salary, outstanding benefits package, and a reduced teaching load.

The University of Connecticut is in the midst of a \$2.8 billion building and renovation program to create one of the foremost physically attractive, technologically advanced, and highly ranked public research universities in the United States. The Department of Geography is housed in newly renovated facilities with a state of the art GIS lab and a spacious laboratory for physical geography teaching and research. The department is poised to achieve excellence with future new hires capitalizing on strengths within the department and linkages with the social and environmental sciences. The successful candidate will be expected to foster and initiate interdisciplinary research and teaching in areas such as demography, environmental sciences, integrative geosciences, and urban studies, and will be expected to lead the Department of Geography to a higher level of national stature.

The Department of Geography currently has seven tenured/tenure track faculty, four instructors, twenty graduate students, well-established B.A. and M.A. programs, and a recently established Ph.D. program. The faculty is strong in the areas of urban, economic and population geography, geographical information science, and spatial analysis, with an emerging area of expertise in physical geography.

Candidates must demonstrate a record of excellence in research, teaching, mentoring graduate students, and competing for external research funds. Successful administrative/leadership experience is highly desirable. Applicants should send a letter of application that reviews and documents these qualifications, a curriculum vita, other supporting materials, and contact information for three referees. Review of applications will begin on November 15, 2004 and continue until the

position is filled. NOV 04-209.

Apply to Dr. Anne Hiskes, Search Committee Chair, Department of Geography, 215 Glenbrook Rd., Unit 4148. University of Connecticut, Storrs, CT 06269-4148.

E-mail: Anne.Hiskes@uconn.edu.

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

***DISTRICT OF COLUMBIA, WASHINGTON, 20001.** The Board on Earth Sciences and Resources of The National Academies has an immediate opening for the position of **program officer and director of the Mapping Science Committee**. The ideal candidate will have an appropriate terminal degree (Ph.D preferred), a substantial knowledge base in mapping science issues and its technologies, and superior oral and written communication skills. To apply, send a letter of interest, vita, and the names and contact information for three references to the address below. DEC 04-276.

Apply: Dr. Anthony R. de Souza, Director, Board on Earth Sciences and Resources, The National Academies, 500 5th Street, NW, Washington, DC 20001 (adesouza@nas.edu). Review of applicants will begin immediately and continue until the position is filled.

DISTRICT OF COLUMBIA, WASHINGTON 20009. The Association of American Geographers has two positions available for immediate placement at the AAG's Washington, D.C. office.

(1) Geography Education Fellow. We seek an individual whose primary responsibility will be assisting the Educational Affairs Director with the development and administration of a three-year, federally funded project to enhance teacher preparation in geography. The successful applicant will be able to design multimedia resources that support national geography standards, GIS education, and spatial thinking skills; implement and test experimental teacher-training products in collaboration with university faculty and the Geographic Alliances; and assist with a variety of project management tasks, including writing project reports, tracking budget expenditures, and managing a small-grants program for teachers. The Fellow will also contribute to ongoing AAG education projects as well as assist in the development of grant proposals and newsletter articles. This is an excellent opportunity for a junior scholar to participate in AAG research and

education initiatives, but we will also consider applications from senior faculty on academic leave. A highly qualified candidate will have a Ph.D. in geography or education, with expertise in teacher professional development, spatial cognition, and/or GIS education; possess outstanding written and verbal communication skills; be highly organized and experienced with project management; and have strong interpersonal skills. Salary is commensurate with experience.

To apply, send letter of application, CV, and a list of three references to: Michael Solem, Association of American Geographers, 1710 Sixteenth Street NW, Washington, D.C. 20009 or e-mail to msolem@aag.org.

(2) Careers in Geography Project Coordinator. We seek an individual with strong research and Web/graphic design skills to develop a Careers in Geography database and associated set of outreach materials for schools and departments. Partial funding for this position comes from the Geography Education National Implementation Project (GENIP). The successful applicant will be able to design and analyze detailed surveys and interviews to identify potential and actual career trends, patterns, and opportunities for individuals with 2-year, 4-year, and graduate degrees in geography. This information will be used to construct a statistical database that will be accessible through the Web. The Careers in Geography website will serve many purposes: 1) as a careers advising resource for parents, schools, and departments, 2) as a careers planning resource for middle school, high school, and college students, 3) as a recruiting and outreach tool for geography programs, and 4) as a reference for the public, government agencies, and private industry. Related publications will be produced in a variety of media formats, including CD, print, and online. The project coordinator will serve as the AAG's point-person on jobs and careers and will constructively engage the media, private organizations, and federal agencies to communicate the value of geography in the modern workforce. A highly-qualified candidate will have an undergraduate or graduate degree, preferably in geography; possess strong graphic and written communication skills; be experienced in quantitative and qualitative research; and have strong interpersonal skills. Desirable computer skills include proficiency with database, Web, and graphic software. Salary is commensurate with experience.

To apply, send letter of application, resume, and a list of three references to: Patricia Solis, Association of American Geographers, 1710 Sixteenth Street NW, Washington, D.C. 20009 or e-mail to psolis@aag.org.

Consideration of applications will continue until the positions are filled. The AAG is committed to equal opportunity and affirmative action in hiring, retention, and promotion.

FLORIDA, GAINESVILLE 32611. The Department of Geography, University of Florida, seeks applications for an **Assistant or Associate Professor in Climatology**, with specialty in climate variability, land surface-atmosphere interactions and interests in human dimensions of environmental change research, for appointment as a full-time (9 month), Assistant or Associate Professor. Applicants must have a Ph.D. in Geography or related field, although ABD candidates will be considered if the receipt of their degrees will be achieved by the beginning of the appointment. Research expertise, evidence of scholarly publications, the ability to teach advanced undergraduate and graduate courses in these topics, and a commitment to funded research are required. The Department offers a collegial atmosphere in which to work and has excellent computational, research, and teaching facilities. It is a growing department with ample opportunities for multidisciplinary, collaborative research. There are strong affiliations with the University of Florida Land Use and Environmental Change Institute (LUECI), the new College of Liberal Arts and Sciences Program in Ecology and Environment (CLAS E&E) and internationally recognized research programs with emphasis in the southeastern United States, Latin America, Africa, or other tropical and subtropical areas. The department seeks a productive scholar who will work in an exciting teamwork-oriented setting that links empirical data to theory and complex models. Appointment will begin in August of 2005, and salary will be commensurate with rank and experience.

The deadline for applications is December 15, 2004. Applicants should send a statement of current research interests and future plans, a current C.V., and the names and e-mail addresses of four references to the address below. NOV 04-196.

Apply: Dr. Michael W. Binford, Chair of the Climatologist Search Committee, Department of Geography, University of Florida, P.O. Box 117315, Gainesville, FL 32611. E-mail applications to mbinford@geog.ufl.edu with documents embedded in the text or as attachments are encouraged. For more information and details about the Department of Geography, LUECI, and the CLAS E&E program, see www.geog.ufl.edu, www.clas.ufl.edu/lueci/, and www.clas.ufl.edu/users/mbinford/CLAS/CLAS-EcologyEnvironmentPlan.pdf.

The University of Florida is an Equal Employment Opportunity/Affirmative Action Employer and welcomes nominations and applications from women and minority group candidates.

***FLORIDA, TAMPA 33620.** University of South Florida, College of Arts and Sciences. **Environmental Policy Faculty Position.**

The Department of Environmental Science and Policy invites applications for a full-time tenure track position, subject to University budgetary approval, beginning in August, 2005 in the broad area of Environmental Policy. Appointment will be at the Assistant Professor level. The successful candidate will teach in the undergraduate and graduate programs in the department, including the new interdisciplinary Ph.D. program in Geography and Environmental Science and Policy. Candidates must show strong evidence of capability for conducting vigorous externally funded research. Areas of special interest include natural resource or conservation policy; marine resources; urban environments or brownfields; water resources and water-quality protection; natural hazard assessment and mitigation planning; and others that complement existing faculty strengths. Competence in quantitative research methods is desirable, and teaching experience in environmental policy is desired. Salary is negotiable. The applicant must have a Ph.D. in Environmental Policy, Geography, Public Administration, Regional Planning, Economics, or a related field, in hand by the beginning of the contract date. Deadline for submitted application is January 10, 2005. Send letter of application, curriculum vitae, statements of research and teaching goals and experience, and contact information for at least three referees to the address below. DEC 04-240.

Apply: Environmental Policy Search Committee, Department of Environmental Science & Policy, University of South Florida, 4202 East Fowler Ave. - SCA238, Tampa, Florida 33620.

Environmental Science & Policy is an interdisciplinary department with faculty engaged in collaborative research around the world and providing education that integrates the use of environmental science in policy development and decision-making. Please visit our website for additional information about the department (www.cas.usf.edu/esp). The department anticipates adding additional faculty in the next few years to support a new Ph.D. program. The University of South Florida is an equal opportunity, affirmative action, equal access institution. For disability accommodations, please contact Ms. Karen Schrader at 813-974-0443 at least five

working days in advance. According to Florida law, applications and meetings regarding them are open to the public.

***GEORGIA, VALDOSTA 31698-0055.** Valdosta State University invites applications for a full-time, **tenure-track** position in Geography. ABD considered, Ph.D. preferred. We seek a **broadly trained geographer** with evidence of excellence in teaching, who will be responsible for introductory courses in weather and climate and upper-level courses in climatology or meteorology. The ability to teach courses in regional planning and environmental management is an asset.

Valdosta State University is a regional university within the University System of Georgia and is accredited by SACS. Enrollment is approximately 10,000 students. Faculty receive all benefits provided by the University System of Georgia. Salary is commensurate with experience. Starting date is August 1, 2005.

Letter of application, curriculum vita, evidence of excellence in teaching, and three letters of recommendation should be sent to the address below. DEC 04-268.

Apply: Dr. Edward Chatelain, Head, Department of Physics, Astronomy, and Geosciences, Valdosta State University, Valdosta, Georgia 31698-0055. Review of applications will start on November 15, 2004, and will continue until position has been filled. Valdosta State University is an Equal Opportunity, Affirmative Action Employer.

For more information, please visit http://www.valdosta.edu/phy/ad_page.htm or contact Dr. Edward Chatelain, Head, Department of Physics, Astronomy, and Geosciences, Valdosta State University, Valdosta, Georgia 31698-0055. Voice 229-333-5752. Fax 229-219-1201. Email echatela@valdosta.edu.

ILLINOIS, CHICAGO 60614. Depaul University. The Department of Geography announces **two tenure-track positions** to begin in fall 2005. DePaul University has made a strong commitment to enhancing diversity among both faculty and students. We strongly encourage female candidates and candidates of color to apply for the position. DePaul University is an affirmative action and equal opportunities employer.

Position (1): Assistant Professor in Geography with expertise in Urban Geography and Planning. Specializations can include some combination of urban geography, planning, or community development. A secondary interest in other areas of critical human geography and/or international specialization is welcomed. We

especially welcome applications from scholars who can demonstrate competence in GIS/remote sensing/visualization and who are willing to develop courses that use these technologies in creative ways. Starting date for this tenure-track position is 1 September 2005. Candidates will need to have completed their doctoral degree by the time of employment. Eligible candidates could originate in Urban Geography, Urban Planning, Critical Community Development Studies, Community GIS, or other human geography specializations. The Department has strengths in urban geography, critical cultural geography, social geography, geopolitics, critical technology studies, and GIS/remote sensing, as well as other areas in physical geography. In addition to courses that serve the general studies curriculum, the successful candidate will be expected to develop courses in their area of specialization.

Position (2): Assistant Professor in Geography with expertise in Physical Geography. Preferred specializations include biogeography, landscape ecology, fluvial geomorphology, or limnology although we also welcome applications from other areas of physical geography. The candidate may also have some international specialization. We especially welcome applications from scholars who can demonstrate competence in GIS/remote sensing/visualization and who are willing to develop courses that use these technologies in creative ways. Starting date for this tenure-track position is 1 September 2005. Candidates will need to have completed their doctoral degree by the time of employment. Eligible candidates could originate in Biogeography, Landscape Ecology, or other Earth Science specializations. The Department has strengths in hydrology and hydrologic modeling, geomorphology, global climate change, glaciology, resource economics, GIS/remote sensing, as well as other areas in human geography. In addition to courses that serve the general studies science curriculum, the successful candidate will be expected to develop courses in their area of specialization.

DePaul University is a "Research University II" which places great emphasis both on excellence in teaching and in sustained and superior scholarship. Information about the Department can be found at gis.depaul.edu. Submissions should include (1) an academic CV, (2) a cover letter that addresses teaching and research interests, (3) three academic recommendation letters, (4) evidence of teaching excellence, and (5) up to three published papers. The Search Committee will start considering applications on 1 December

2004, and will consider applications until the position is filled. Please direct your submissions to the address below. NOV 04-198.

Apply: Geography Search 2004, Department of Geography, DePaul University, Chicago, IL 60614. Email submissions are welcome and encouraged. Please attach relevant documents as MS Word or PDF files. (E-mail: Dr. Patrick McHaffie, Geography Chair: pmchaffi@depaul.edu).

ILLINOIS, DE KALB 60115. Full-time tenure track **Assistant Professor – 2 positions.** Starting in August 2005. Required – Ph.D. in geography or related field by time of appointment.

Position 1. Human/Cultural Geography. We seek an individual who is committed to scholarship and teaching in Human/Cultural Geography with specializations in any of the following: race/ethnicity, immigration/migration, political, gender, health & aging. The successful candidate is expected to seek external funding in support of scholarship. Ability to teach upper division courses in specialty and contribute to the university's regional geography and multicultural curricula required. Consideration will be given to candidates who can contribute with a regional focus in the Americas, especially Latin America.

Position 2: GI Science, Meteorology/ Climatology. We seek a broadly trained GI scientist with research and teaching expertise in the geography and science of environmental extremes, environmental risk assessment, meteorology/climatology, and physical geography. Candidates' research should expand existing programs in meteorology/climatology and physical geography by assessing the spatial and temporal dimensions of risk as emergent phenomena resulting from human-environment interactions. Skills in modern analytic tools (especially GIS and spatial statistics) and ability to teach courses in environmental risk, Geographic Information Science, meteorology/climatology, and physical geography are required. The successful candidate is expected to seek external funding in support of scholarship.

The department has exceptional facilities to support established strengths in GIS and mapping science, soils, hydrology, biogeography, urban/economic geography, and applied atmospheric science. Preference will be given to persons who can demonstrate a willingness to collaborate, in both research and teaching, with faculty in the department and College of Liberal Arts and Sciences.

Submit a letter of application identifying the position to which you are applying as well as

teaching and research interests; a curriculum vita; publications or examples of writing; evidence of grantsmanship; evidence of teaching quality; and the names, addresses, and e-mail of at least three references to the address below. NOV 04-213.

Apply: Search Committee (Position 1 or 2), Department of Geography, Davis Hall 118, Northern Illinois University, De Kalb, IL, 60115-2854. <http://www.niu.edu/geog>. For full consideration, application material must be received by December 3, 2004.

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

ILLINOIS, EDWARDSVILLE 62026. Southern Illinois University Edwardsville. **Assistant Professor Position. Geoscience Education.** Tenure-track appointments beginning with the 2005 Fall Semester, August 1, 2005. Ph.D. desired. ABD's may be considered for a term appointment at the rank of instructor until such time as all degree requirements have been completed.

The Department of Geography and the Office of Science and Math Education at Southern Illinois University Edwardsville invites applications from persons with teaching and research interests in Geoscience Education. The successful candidate will conduct research/scholarly work in the specialty area of Geoscience Education Research, teach undergraduate and graduate courses in the specialty and service courses for the Department, and be expected to obtain external funding and to publish the results of scholarly work. The successful candidate will have joint appointment with the University's Office of Science and Mathematics Education and is expected to work cooperatively with this office in support of in-service and pre-service science teachers.

Salary commensurate with qualifications and experience.

Qualifications: Ph.D. in any area of geoscience/physical geography or related field; ability to teach Earth Science, Physical Geography, and Geoscience Education courses at the undergraduate and graduate levels; and ability to undertake Geoscience education research/scholarly projects involving undergraduate and masters students.

The Department of Geography (<http://www.siu.edu/GEOGRAPHY>) has a full complement of 10 faculty with current members supporting the sub-disciplines of hydrology, biogeography, climatology, meteorology, as well as economic and political geography. The Department houses an advanced 24-seat Geographic Information System (GIS) laboratory, which is available to all faculty for purposes of

teaching and research. The Office of Science and Math Education (<http://www.siu.edu/OSME>) is an interdisciplinary collaboration encompassing 17 faculty members from both the School of Education and the College of Arts and Sciences.

Applicants should submit a letter of application, curriculum vitae, transcript, a brief statement of research plans (two-three pages), a statement of teaching philosophy, and three letters of recommendation sent to the address below. NOV 04-232.

Apply: Dr. Randall Pearson, Earth Science Education Search Committee, Department of Geography, Box 1459A, Southern Illinois University Edwardsville, Edwardsville, IL 62026-1459.

Consideration of applications will begin on January 1, 2005 and continue until the position is filled.

As an affirmative action employer, SIUE offers equal employment opportunity without regard to race, color, creed, religion, sex, age, national origin, or disability.

SIUE is a state university — benefits under state sponsored plans will not be available to holders of F1 or J1 visas.

ILLINOIS, MACOMB 61455-1390. Western Illinois University. The Department of Geography invites applicants for **two tenure-track Assistant Professors** beginning August, 2005. Ph.D. required by August, 2005 for both positions. Screening of applications will begin January 1, 2005 and continue until the positions are filled. Send letter of application, curriculum vitae, transcripts, and the names and contact information of three individuals qualified to comment upon your teaching and research abilities, experience, and professional preparation (include e-mail addresses). Additional information about the department is available at www.wiu.edu/geography.

Position 1: Physical Geography/GIS. The successful applicant will have strength in nature-society relations, especially ecosystems in the Midwest and will teach advanced physical geography courses, including Conservation Management and Soils, an advanced GIS course, introductory World Regional Geography and other courses related to the applicant's specialization. Additionally, the position will involve coordination with the Institute for Environmental Studies and will be expected to secure grants for and related to the Institute. Apply to Dr. Charles Ehlschlaeger, Environmental/GIS Search Committee Chair.

Position 2: Meteorology. The successful applicant will teach courses required for NWS

certification including the department's two-semester Dynamic Meteorology sequence, Introduction to Weather and Climate, and other courses in the applicant's area of specialization. Scholarly production and participation in usual non-teaching responsibilities also required. Apply to Dr. Thomas Williams, Meteorology Search Committee Chair. NOV 04-217.

Western Illinois University is an Affirmative Action/Equal Opportunity employer and has a strong institutional commitment to diversity. In that spirit, we are particularly interested in receiving applications from a broad spectrum of people, including minorities, women, and persons with disabilities. WIU has a non-discrimination policy that includes sex, race, color, sexual orientation, religion, age, marital status, national origin, disability, or veteran status.

***ILLINOIS, MACOMB 61455.** The Illinois Institute for Rural Affairs (IIRA) has an opening for a **director** who will work with the WIU central administration, other academic units, and allied groups including federal or state departments, universities, and/or private agencies and business organizations. Applicants should have earned a Ph.D. in an appropriate discipline with sufficient publications to earn tenure and have successfully managed an academic unit within a university. The applicants should have experience in fund-raising for projects. The applicant must have excellent oral and written communications skills, be self-motivated, and able to prioritize multiple projects with deadlines. Have successfully managed an academic unit within a university and have a history of obtaining and administering project-based grants and contracts is preferred. This is a 12-month appropriated position. Start date is July 1, 2005. This position is based in Macomb, Illinois. Applicants should send a letter describing their qualifications and experience related to the requirements for the position, a resume, names and contact information for three references to the address below. DEC 04-245.

Apply: Norman Walzer, Illinois Institute for Rural Affairs, 523 Stipes Hall, 1 University Circle, Macomb, IL 61455, Phone: 800/526-9943, E-mail: cs-harper@wiu.edu. Application review will begin November 30, 2004 and will continue until the position is filled. Salary is commensurate with experience and qualifications.

Western Illinois University is an Affirmative Action/Equal Opportunity employer and has a strong institutional commitment to diversity. In that spirit, we are particularly interested in receiving applications from a broad spectrum

of people, including minorities, women, and persons with disabilities. WIU has a non-discrimination policy that includes sex, race, color, sexual orientation, religion, age, marital status, national origin, disability, or veteran status.

ILLINOIS, MACOMB 61455. The Illinois Institute for Rural Affairs (IIRA) has an opening for an **assistant director** to work with the IIRA staff on operational issues. Applicants should have earned a master's degree or Ph.D. in relevant discipline and a proven track record of management and supervision with an understanding of statewide and local rural policy issues. The applicants should have experience in fund-raising for projects. The applicant must have excellent oral and written communications skills, be self-motivated, and able to prioritize multiple projects with deadlines. This is a 12-month appropriated position. Start date is November 2004. This position is based in Macomb, Illinois. Applicants should send a letter describing their qualifications and experience related to the requirements for the position, a resume, names and contact information for three references to the address below. NOV 04-174.

Apply: Norman Walzer, Illinois Institute for Rural Affairs, 523 Stipes Hall, 1 University Circle, Macomb, IL 61455, Phone: 800/526-9943, E-mail: cs-harper@wiu.edu. Application review will begin October 15, 2004 and will continue until the position is filled. Salary is commensurate with experience and qualifications.

Western Illinois University is an Affirmative Action/Equal Opportunity employer and has a strong institutional commitment to diversity. In that spirit, we are particularly interested in receiving applications from a broad spectrum of people, including minorities, women, and persons with disabilities. WIU has a non-discrimination policy that includes sex, race, color, sexual orientation, religion, age, marital status, national origin, disability, or veteran status.

***ILLINOIS, ROCK ISLAND 61201.** Augustana College, Department of Geography, **Assistant Professor.**

Tenure-track appointment beginning September 2005. This department prepares students for careers and graduate study in geography, urban planning and the natural environment. The department has a central teaching and advising role in the college's interdisciplinary environmental studies program and historically has had a role in teaching and directing foreign study programs. Our relationship with local, regional, and federal environmental, economic, and neigh-

borhood organizations provides students rich opportunities for internships and research.

We will consider the best applicants from all specialty areas. Our top priority is a person with two of the following subfield specialties: **physical geography, environmental geography, water resources or economic geography and strong skills in Geographic Information Systems and cartography** who can work across disciplinary lines. Our new colleague will be committed to undergraduate education in a liberal arts environment; we value teaching and research and seek a candidate prepared to direct undergraduate research projects and participate in the first-year general education curriculum. The tradition of collegiality and small size of the department ensure our new colleague opportunities for leadership and innovation.

Ph.D. required, but ABD acceptable.

Augustana College is a highly selective, four-year, liberal arts institution affiliated with the Lutheran Church (ELCA). The student body numbers about 2,250, most of whom live in residence halls on a wooded 115-acre campus. Rock Island, Illinois is one of the Quad-Cities of Illinois and Iowa, a diverse metropolitan area on the Mississippi River with 350,000 residents. Augustana College is an equal opportunity employer and actively encourages applications from women and persons of diverse ethnic backgrounds. We do not discriminate based on age, race, color, ethnic origin, gender, sexual orientation, disability or creed. Visit Augustana's web site at <http://www.augustana.edu> to learn more about the college. Candidates should submit letter of application, curriculum vitae, graduate school transcripts, statement of teaching philosophy, evidence of teaching effectiveness and three letters of reference to the address below. DEC 04-259.

Apply: Jeff Abernathy, Dean of the College, Augustana College, Rock Island, Illinois 61201-2296. Review of applications will begin January 1, 2005.

***ILLINOIS, SPRINGFIELD 62703. Environmental Studies/Policy and Planning:** Interdisciplinary Environmental Studies Department in the College of Public Affairs and Administration seeks a tenure track **Assistant Professor**, beginning August 16, 2005. Candidates must have a Ph.D. in environmental policy and planning or a related discipline, evidence of research potential, and/or professional experience in environmental policy, regional or urban planning, natural resources, environmental geography or related fields. Teaching expectations

include the core course in environmental social sciences and humanities and courses in environmental policy and planning, policy analysis and environmental modeling with GIS. Grant-funded research is desirable.

Send letter of application describing teaching and research interests, vita, transcripts, and the names and addresses of at least three references to the address below. DEC 04-267.

Apply: Search Committee, Department of Environmental Studies, University of Illinois at Springfield, One University Plaza, MS PAC 322, Springfield, Illinois 62703.

Review of applications will begin January 10, 2005 and continue until the position is filled.

The University of Illinois at Springfield is an Affirmative Action/Equal Employment Opportunity Employer. Persons with disabilities, women, and minorities are encouraged to apply.

INDIANA, BLOOMINGTON 47405-7100. Indiana University-Bloomington. The College of Arts and Sciences invites applications for a tenure track position of **Assistant Professor** in the area of **Development Studies** beginning August 2005. This will be a tenure-track appointment in Anthropology or Geography, or jointly, with a regional focus in Latin America and the Caribbean. The successful candidate's research and teaching agendas should contribute to improving comparative perspectives in development studies, with particular emphasis on political economy, cultural change, and/or human-environment interactions. This appointment is part of IU's multi-year commitment to hire additional scholars in political economy/development, globalization, international/area studies, and diaspora studies. We seek a scholar who engages in collaborative multidisciplinary research and utilizes rigorous comparative methods. Teaching duties will include both undergraduate and graduate courses, with offerings contributing to International Studies and Latin American and Caribbean area studies. Applicants should have or expect to receive the doctoral degree before August 2005. Applications received by January 2nd are guaranteed full consideration; the position will remain open until filled. NOV 04-187.

Applicants should send a letter of application describing research and teaching interests, curriculum vitae, sample publications, and syllabi. Three letters of reference should be mailed under separate cover. Anthropology applicants should send materials to: Anya Royce, Chair, Department of Anthropology, Student Building 130, Bloomington, IN 47405-7100 USA. Geography

applicants should send materials to: William Black, Chair, Department of Geography, Indiana University, Student Building 120, Bloomington, IN 47405-7100 USA. Indiana University is an Equal Employment Opportunity/Affirmative Action Employer and we strongly encourage applications from women and minorities.

***INDIANA, HANOVER 47243.** The Rivers Institute at Hanover College (RIH) invites applications for the position of **Director of Economics Programs**. RIH is a recently established, innovative, interdisciplinary organization devoted to River Studies in three program areas: Culture, Economics and Science.

The Director of Economics Programs will work with the Executive Director and the other Program Directors to develop initiatives with external partners; to coordinate the activities of scholars, students, and external partners involved with RIH; and to integrate RIH into Hanover College. There will also be opportunities for teaching and research linked to RIH.

For more information visit www.riversinstitute.org.

The successful candidate will have administrative experience in program development and building collaborative partnerships. A Ph.D. in geography or a closely related field and a strong record of teaching and scholarship are preferred; a background or strong interest in River Studies is required.

Send letter of interest, CV, and names and contact information of three professional references to the address below. DEC 04-249.

Apply: Hanover College, Office of Human Resources, Attention: Jennifer Shelley, P.O. Box 108 Hanover, Indiana 47243. Email to hr@hanover.edu or fax to (812) 866-7195.

Application review begins November 15, 2004 and will continue until the position is filled. Hanover College is an EOE.

Hanover College is a small, private, residential liberal arts college with a strong endowment and innovative Academic Vision Plan. Visit www.hanover.edu for more information.

***IOWA, DECORAH 52101.** Luther College, Decorah, Iowa: Tenure-eligible position as **Assistant Professor in Environmental Studies** with specialization in physical geography or geology beginning late August 2005. Ph.D. expected at time of appointment. Teaching duties will include geography, introductory GIS, environmental geology and environmental science course in the candidate's area of interest. In addition, the candidate will teach in

all-college, interdisciplinary programs. Commitment to both teaching and scholarship is essential, as well as willingness to contribute to a developing environmental studies program. This position will be a joint appointment with another academic department depending on candidate's expertise and training. Luther College is a Phi Beta Kappa institution affiliated with the Lutheran Church (ELCA). Women and persons of diverse ethnic backgrounds are encouraged to apply. Review of applications begins December 1, 2004 and continues until the position is filled. Send letter of application, curriculum vitae, at least three letters of recommendation, evidence of effective teaching, a statement of research interests and undergraduate transcripts/official graduate school transcripts to the address below. DEC 04-239. Apply: John Moeller, Chair, Search Committee, Department of Political Science, Luther College, Decorah, IA 52101. Telephone: 563/387-1221; FAX: 563/387-1107; E-mail: moellerj@luther.edu. An EEO employer.

***KANSAS, LAWRENCE 66045.** The University of Kansas, Department of Geography seeks candidates for a tenure-track **human geography position at the Assistant Professor level** with specialization in the Geography of East Asia (China, Japan, and/or Korea) beginning August 2005, contingent on final budgetary approval. Responsibilities will include teaching at least one course per year on East Asian (Chinese, Japanese and/or Korean) geography. The successful candidate will be expected to follow standard departmental guidelines for Teaching (40%), Research (40%) and Service (20%). The normal teaching load in the department is two courses per semester, divided between graduate and undergraduate level courses.

Salary is competitive and commensurate with qualifications. The individual selected will also be a core member of the Center for East Asian Studies, a nationally recognized Title VI National Resource Center.

Required Qualifications: Ph.D. in Geography by the time of appointment, proficiency in one or more languages of East Asia, proficiency in English as the medium of instruction, fieldwork and research experience in the region. The individual should have a strong commitment to undergraduate and graduate teaching and advising, a commitment to quality scholarship demonstrated through potential for research productivity and grant activity, and teaching interests complementary to existing staff. Preferred Qualifications: teaching and advising

experience at the graduate level, a strong publication record, regular pattern of public presentation of research, a record of grant activity, and research interests in one or more of the following: urban, cultural, political, or historical geography, population and migration issues, environment and development, gender in geography, race and ethnicity.

Send *curriculum vitae*, detailed statement of teaching and research interests and experience, summaries of teaching evaluations, copies of major publications or a writing sample, and names and contact information of 3 persons for letters of reference. Review of applications will begin January 3, 2005 and continue until the position is filled.

The University of Kansas is an Equal Opportunity/Affirmative Action employer. DEC 04-228.

Apply: Professor Garth A. Myers, Committee Chair, East Asian Geographer Position, Department of Geography, 1475 Jayhawk Blvd., Room 213, University of Kansas, Lawrence, KS 66045-7613. Phone: 785-864-4291, Fax: 785-864-5378.

***KANSAS, MANHATTAN 66506.** The Department of Geography at Kansas State University invites applications and nominations for the position of **Department Head**. Applicants must have a Ph.D. in geography, a successful record of teaching and service, a national reputation for scholarship, and credentials for tenure and appointment at the rank of associate professor or professor. Other desirable qualifications include administrative and leadership experience, an appreciation of the need for extramural funding, strong interpersonal communication skills, and the ability to relate to individuals of diverse backgrounds.

The department head is responsible for overseeing and supervising daily departmental functions (e.g., scheduling, budgeting, and personnel), representing the department on and off-campus, and mentoring faculty members in their research and teaching. The department head will be involved in teaching at the undergraduate and graduate levels, advising undergraduate and graduate students, and maintaining a research program in his/her areas of interest.

The Department of Geography is one of eleven doctoral programs in the College of Arts and Sciences. It has an excellent reputation in teaching, extramural funding, research productivity, and service to the discipline and the university. Drawing upon the research interests and experience of the faculty, the department's core areas of geographic inquiry are: human-

environment interaction, population and health, culture and landscape, and regional systems. At the Ph.D. level, students are encouraged to pursue research that fits with the core areas of the department and complements the rural emphasis of the doctoral program and the land grant tradition of Kansas State University.

Applicants must submit: (1) a letter of application that describes their qualifications, (2) a statement of leadership philosophy, (3) a perspective on key administrative priorities within geography programs today, (4) a curriculum vita, and (5) the names, addresses, telephone numbers, and e-mail addresses of three references. These materials should be sent to the address below. DEC 04-235.

Apply: Dr. Bimal Paul, c/o Annette Maggio, Deans' Office, College of Arts and Sciences, 117 Eisenhower Hall, Kansas State University, Manhattan, KS 66506.

Review of applications will begin on December 15, 2004, and continue until the position is filled.

Kansas State University is an equal opportunity employer and actively seeks diversity among its faculty.

Inquiries are welcome and should be addressed to Professor Bimal Paul, Geography Head Search Committee, bkp@ksu.edu. (785) 532-3409.

***KENTUCKY, BOWLING GREEN 42101-3576.** Western Kentucky University. The Department of Geography and Geology invites applications for a **tenure-track position in the geosciences** beginning August, 2005. Ph.D. preferred, but exceptional ABD applicants will be considered.

Demonstrated teaching and research expertise in climate, paleoclimate, GIS, and geostatistics are required. Ability to teach research methods and a regional course highly desirable. Demonstrated willingness to seek extramural funds preferable.

Send a letter of application, curriculum vitae, and the names of three references to the address below. DEC 04-236.

Apply: Search Committee Chair, Department of Geography and Geology, Western Kentucky University, One Big Red Way, Bowling Green, KY 42101. Review of applications will begin January 15, 2005, and will continue until the position is filled. Detailed information about the Department is available online at www.wku.edu/geoweb/. Western Kentucky University is an EO/AA employer and strongly encourages applications from women, racial and ethnic minorities, and persons with disabilities.

KENTUCKY, BOWLING GREEN 42101-3576. Western Kentucky University.

The Department of Geography and Geology invites applications for a tenure-track position in Geography beginning August, 2005. Ph.D. preferred, but exceptional ABD applicants will be considered.

Demonstrated teaching and research expertise in regional planning, urban development, GIS, and geostatistics are required. Ability to teach research methods and a regional course highly desirable. Expertise in grant writing and administration preferable. Send a letter of application, curriculum vitae, and the names of three references to the address below. NOV 04-178.

Apply: Search Committee Chair, Department of Geography and Geology, Western Kentucky University, One Big Red Way, Bowling Green, KY 42101. Review of applications will begin January 15, 2005, and will continue until the position is filled. Detailed information about the Department is available online at www.wku.edu/geoweb/. Western Kentucky University is an EO/AA employer and strongly encourages applications from women, racial and ethnic minorities, and persons with disabilities.

***KENTUCKY, MURRAY 42071-3311.** Assistant Professor, Department of Geosciences, Murray State University. Full time, tenure track Environmental Geoscientist to begin August 1, 2005. Ph.D. required by date of appointment. For details visit <http://www.mursuky.edu/qacd/cos/geo/ad/>. DEC 04-273.

LOUISIANA, BATON ROUGE 70803-4105. Assistant/Associate Professor (Tenure-track) Department of Geography and Anthropology. Louisiana State University Department of Geography and Anthropology anticipates funding for a tenure-track position at the **Assistant or Associate Professor** level beginning August 2005. Required Qualifications: Ph.D. in **Geography with emphasis on historical-culture** with secondary specialization(s) in political, economic, urban or environmental geography; demonstrated excellence in research. Responsibilities: teaches undergraduates and graduates in their area of specialization.

The department is one of twelve designated by the university for enhancement with an infusion of funds for the recruitment of new faculty and outstanding graduate assistants.

Review of applications will begin December 1, 2004 and continue until candidate is selected. Applications should include a statement of research and teaching interests, curriculum vitae (including e-mail address), samples of publications, names and contact information for three referees, and other relevant documents. NOV 04-199.

Apply to: Search Committee Chair, Department of Geography and Anthropology, 227 Howe-Russell Bldg., Louisiana State University, Ref: #009922, Baton Rouge, LA 70803-4105. Phone: 225/578-5942; Fax 225/578-4420.

The department is committed to enhancing an already diverse faculty and encourages applications from women and minorities.

LSU is an Equal Opportunity/Equal Access Employer.

MARYLAND, BALTIMORE 21250. University of Maryland, Baltimore County. The Department of Geography & Environmental Systems at UMBC invites applications for a tenure-track appointment at the rank of **Assistant Professor in Urban Environmental Geography** beginning in August 2005 pending availability of funds. Ph.D. required; candidates are expected to have an active program of research and publication, ability to attract external funding, and evidence of commitment to excellence in teaching. Preferred areas of research include urban environmental policy, urban health issues, and the planning context of urban ecosystems. Experience in utilization of GIS is highly desirable. Teaching responsibilities include introductory human geography, urban geography and upper-level courses in area of expertise. Ability to teach GIS is preferred.

Urban environmental research opportunities at UMBC include collaboration with the Baltimore Ecosystem Study (BES), an NSF-funded Urban Long-Term Ecological Research site; the Joint Center for Earth Systems Technology (JCET), a research consortium formed by UMBC and NASA-Goddard Space Flight Center; and the Center for Urban Environmental Research and Education (CUERE), a new research center focusing on the impacts of landscape transformation associated with urban and suburban development. The campus is located in close proximity to Washington, D.C. and a broad array of federal, state, and local agencies as well as to other research institutions along the Washington-Baltimore-Philadelphia corridor. Interested candidates may visit the web site <http://www.umbc.edu/ges> for additional information.

Please send curriculum vitae, cover letter describing research agenda and teaching interests, and have three letters of reference sent to the address below. NOV 04-206.

Apply: Dr. Andrew Miller, Chair, Search Committee, Dept. of Geography & Environmental Systems, UMBC, 1000 Hilltop Circle, Baltimore, MD 21250. Review of applications will begin on Dec. 1, 2004, and will continue until the position is filled.

UMBC is an Affirmative Action/Equal Opportunity Employer and actively seeks the applications of minorities, women, and individuals with disabilities.

***MASSACHUSETTS, AMHERST 01003-9297. Faculty Position in GIS-Spatial Data Analysis-Remote Sensing.** The Department of Geosciences at the University of Massachusetts Amherst invites applications for a tenure-track faculty position to begin September 2005. The candidate's primary research interest will be the application of geographical information science, spatial data analysis, and/or remote sensing to problems in geography, geology, and/or Earth systems. Emphasis will be placed on the applicant's potential to establish a successful, externally funded, research program in areas such as physical and human dimensions of environmental change, natural hazards, biogeography, geomorphology, climatology, planetary geology, or neotectonics. A commitment to excellence in teaching at the undergraduate and graduate levels is essential. The appointment is aimed at the assistant professor level, however, outstanding candidates at all levels may be considered. Review of applications will begin on December 15, 2004 and will continue until a successful applicant is identified. Candidates must hold a Ph.D. or equivalent by the time of appointment. Applicants should send a Curriculum Vitae, a statement of research and teaching interests, and contact information (including email addresses) of at least three referees to the address below. DEC 04-275.

Apply: GIS Search Committee, Dept. of Geosciences, 611 N. Pleasant St., University of Massachusetts, Amherst, MA 01003-9297. The University of Massachusetts is an Equal Opportunity/Affirmative Action Employer; women and members of minority groups are encouraged to apply.

MASSACHUSETTS, BRIDGEWATER 02325. The Department of Earth Sciences and Geography at Bridgewater State College seeks a tenure-track Assistant Professor of Geography to begin Fall, 2005. The successful candidate will have a demonstrated excellence in undergraduate teaching and will complement the strengths of the department in at least one of the following areas: environmental studies, teaching GIS across the curriculum, or geographic education. This position is open to either a physical or human geographer with strong quantitative skills and the ability to mentor students performing internships or undergraduate research projects. An

earned Ph.D. in Geography is required at the time of appointment.

Applicants should be strongly committed to undergraduate teaching and advising and working in a multicultural environment that fosters diversity. They should also have the ability to use technology effectively in teaching and learning, the ability to work collaboratively, evidence of scholarly activity, and a commitment to public higher education. Salary will be dependent on qualifications and experience.

To apply, submit a letter of application, resume, and the names, addresses and telephone numbers of three professional references to the address below. NOV 04-221.

Apply: Office of Human Resources, Boyden Hall, Bridgewater State College, Bridgewater, MA 02325. Phone: (508) 531-1324. Fax: (508) 531-1725.

Review of Applications will begin immediately and continue until position is filled.

Bridgewater State College is an affirmative action/equal opportunity employer that actively seeks to increase the diversity of its workforce.

***MASSACHUSETTS, WORCESTER 01610. Research Librarian and Director, Jeanne X. Kasperson Research Library, George Perkins Marsh Institute.**

The Kasperson Library is a small environmental research library at Clark University. Its mission is to provide research support for the Marsh Institute which specializes in global environmental change, international development and risks and hazards. The Director will manage internal library operations while providing leadership to guide the next phase of the library's development as a premier environmental research institution. The library currently has about 20,000 volumes, 300 journals and a part-time staff of three. Preferred qualifications include: M.L.S. from an ALA-accredited institution; academic library experience; graduate degree in a field related to the library's mission; environmental research interests and experience. This is a 10-month continuing position with benefits covering 12 months. Starting salary expected to be high \$30's to low \$40's depending on experience.

Review of applications will begin immediately. Position available Spring 2005 semester. Please send cover letter, resume, and reference information to the address below. DEC 04-265.

Apply: Human Resources, Clark University, 950 Main Street, Worcester, MA 01610 or preferably e-mail materials to: resumes@clarku.edu.

***MICHIGAN, FLINT 48502-1950. Assistant Professor of Earth and Resource Science.** The Earth and Resource Science Department (ERS) at the University of Michigan-Flint invites applications for a tenure-track position at the Assistant Professor level starting in August 2005. Applicants must have a Ph.D. in Geography, Geology, or related field. ABD with 1-year timetable for completion considered. A broad background in Geography or the Earth Sciences and a specialty in Geographic Information Systems (GIS) are desired. Sub-specialties may include, but are not limited to: physical geography/geomorphology, environmental geology, remote sensing, or quantitative geography.

Department faculty possess strong commitments to quality teaching and have active research programs in the areas of water resources, remote sensing, urban growth management, and environmental hazards. ERS is a comprehensive undergraduate program, and we are seeking a person who can compliment our existing areas of expertise, and has the ability to develop their own research and teaching agendas.

Please send curriculum vitae, a statement of teaching and research interests, and the names of three references to the address below. DEC 04-255.

Apply: Search Chair, Earth and Resource Science, 516 Murchie, University of Michigan-Flint, Flint, MI 48502-1950. For a view of our department, please see www.umflint.edu/ers/home. Application review begins immediately and continues until the position is filled. The University of Michigan-Flint is a non-discriminatory/Affirmative Action employer and encourages women and minorities to apply.

***MICHIGAN, KALAMAZOO 49008-5424.** Western Michigan University seeks a capable **Chair** of its **Department of Geography**, beginning July 1, 2005 pending budgetary approval. Candidates should qualify for appointment at senior academic rank. A Ph.D. in Geography is preferred. Candidates are expected to manifest teaching and research excellence, including a record of publication recognized nationally-internationally as well as a record of managing significant externally-funded research. Candidates should have a research program that complements departmental strengths. The successful candidate is expected to provide visionary, entrepreneurial leadership, oversee development of faculty and research programs, participate in graduate and undergraduate teaching/learning, and maintain a productive research program.

The Department of Geography has 14 full-time faculty, 4 part-time faculty, and 16 graduate assistantships. It offers Bachelors and Masters degree programs concentrating in Geography, Environmental & Resource Management, Geographic Information Science, Tourism, Community Development & Planning, and Teaching of Geography, with 37 master's students and 135 majors. Departmental information is available at www.wmich.edu/geography. The department is housed in recently renovated facilities with six extensively computerized laboratories equipped with 100 workstations for instruction and research.

Western Michigan University is a diverse student-centered research institution with 28,000 students, is listed among the nation's top 100 universities (*U.S. News & World Report*), has excellent library holdings, and is recognized for its excellent computing environment. Kalamazoo forms the center of a medium-sized cosmopolitan metropolitan region of about 250,000 located midway between Detroit and Chicago, 40 miles from Lake Michigan.

Western Michigan University, a Carnegie Classification Research Extensive Institution, is an Equal Opportunity/Affirmative Action Employer and encourages applications from women, minorities and other underrepresented groups. Please submit a letter of application, a statement of research and teaching philosophy, a statement regarding vision for the department and leadership style, vita, graduate transcripts, and names and addresses of at least three references to the address below. DEC 04-229.

Apply: Dr. David Dickason, Chair, Department of Geography, 1903 W. Michigan Avenue, Western Michigan University, Kalamazoo, MI 49008-5424. Review of applications will begin December 5, 2004, and continue until the position is filled.

***MICHIGAN, MARQUETTE 49855.** Northern Michigan University Department of Geography invites applications for a tenure track position that will be filled at the **Assistant Professor** level beginning in Fall 2005. We seek a broadly trained **environmental geographer** with the ability to teach an introductory GIS course and an introductory human or physical geography course. Candidates must demonstrate a commitment to excellence in undergraduate teaching, scholarship, and have the potential to contribute to the department's service mission and NMU's efforts at internationalizing its curriculum. Preference will be given to candidates who complement existing departmental

programs and who can teach upper level courses in planning and/or environmental management.

Applicant must hold a Ph.D. in Geography or closely allied discipline at the time of their appointment. Send a letter of application, CV, any evidence of teaching effectiveness, and the names, addresses, phone numbers, and e-mails of three references to the address listed below by January 14, 2005. All applicants must be eligible to work in the U.S.

NMU is located on Michigan's beautiful Upper Peninsula, on the south shore of Lake Superior. The local environment offers outstanding opportunities for research and instruction as well as an exceptional way of life. For information about the University and Department of Geography visit www.nmu.edu. DEC 04-242.

Apply to: Dr. Michael Broadway, Department of Geography, Northern Michigan University, 1401 Presque Isle Ave, Marquette, MI 49855.

NMU is an equal opportunity, affirmative action employer and is strongly committed to increasing the diversity of its faculty.

MICHIGAN, MOUNT PLEASANT 48859. The Department of Geography invites applications for a tenure-track appointment at the level of **Assistant Professor** effective August, 2005. A doctorate in geography or related field is required at the time of appointment (ABD may be considered upon confirmation that completion is imminent). Expertise in **Human and Regional Geography** required. Preference will be given to applicants with regional expertise outside of North and South America. Preference will also be given to applicants with expertise in one or more of the following areas of geographic research: Cultural, Medical, Economic, Urban and/or Political Geography. Knowledge and use of GIS a plus. The position requires primarily undergraduate teaching and advising. Additional responsibilities will include: supervising student research, grant writing, and maintaining an active research program. Applicants must show potential for teaching excellence and research productivity. Screening will begin November 1, 2004, and continue until the position is filled.

Send an application letter, vitae, teaching evaluations and three letters of reference to the address below. NOV 04-172a.

Apply: R. Neil Mower, Chair, Department of Geography, Central Michigan University, Mount Pleasant, MI 48859. For additional information, contact Dr. Mower at (989) 774-3821.

Serving more than 28,159 students, Central Michigan University is an innovative doctoral/research-intensive institution recognized for

strong undergraduate education and a range of focused graduate programs and research.

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

MICHIGAN, MOUNT PLEASANT 48859. The Department of Geography invites applications for a tenure-track appointment at the level of **Assistant Professor** effective August, 2005. A doctorate in geography or related field is required at the time of appointment (ABD may be considered upon confirmation that completion is imminent). Expertise in **Environmental and Land Use Planning** required. Secondary expertise should include some combination of the following: Physical Geography, Surface Hydrology, Geomorphology, Soils, and/or Environmental Resources. Preference will be given to applicants with additional expertise in the application of GIS to land use and planning problems and to applicants with research interests in Michigan and the Great Lakes Region. The position requires both undergraduate and graduate teaching, advising, supervising student research, grant writing, and maintaining an active research program. Applicants must show potential for teaching excellence and research productivity. Screening will begin November 1, 2004, and continue until the position is filled.

Send an application letter, vita, teaching evaluations and three letters of reference to the address below. NOV 04-172b.

Apply: R. Neil Mower, Chair, Department of Geography, Central Michigan University, Mount Pleasant, MI 48859. For additional information, contact Dr. Mower at (989) 774-3821.

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

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

MICHIGAN, MOUNT PLEASANT 48859. The Department of Geography invites applications for a tenure-track appointment at the level of **Assistant Professor** effective August, 2005. A doctorate in geography or related field is required at the time of appointment (ABD may be considered upon confirmation that completion is imminent). Expertise in the theoretical, methodological and technical issues of **GIS** required. Additionally, the candidate should be proficient in both GIS application programming

and the use of quantitative methods for spatial analysis. Preference will be given to candidate that can integrate GIS applications and substantive geographic problems in their teaching and research. Area of GIS application is open but ideally would complement existing expertise within the department. The position requires both undergraduate and graduate teaching, advising, supervising student research, grant writing, and maintaining an active research program. Applicants must show potential for teaching excellence and research productivity. Screening will begin November 1, 2004, and continue until the position is filled.

Send an application letter, vita, teaching evaluations and three letters of reference to the address below. NOV 04-172c.

Apply: R. Neil Mower, Chair, Department of Geography, Central Michigan University, Mount Pleasant, MI 48859. For additional information, contact Dr. Mower at (989) 774-3821.

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

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

***MISSISSIPPI, CLEVELAND 38733. Director of the Interdisciplinary Center for Geospatial Information Technology.** (Search Extended). Starting date: January, 2005

Responsibilities include developing, promoting, and overseeing all aspects of the Interdisciplinary Center to include: managing the budget; building partnerships with local industries; developing and teaching campus based and on-line certificate programs in GIS.

November 22, 2004. Review of candidates will begin November 23, 2004 and will continue until position is filled.

Master degree in related field required; PhD preferred. Proficiency using remote sensing and GIS technology required; ability to build partnerships and promote the center essential; college level teaching experience and extensive training in GIS, remote sensing and on-line course delivery systems preferred.

Institution: Delta State University is a regional university with approximately 4,000 students. It is located in Cleveland, Mississippi, and serves as an education and cultural center in the Mississippi Delta. The Interdisciplinary Center for Geospatial Information Technology was created through funding from the Robert

M. Hearin Foundation and is housed within the College of Arts and Sciences.

Commensurate with education and experience.

Send a letter of application, Curriculum Vitae, and names, e-mail, and address of three references. Please address applications to the contact below. DEC 04-250.

Apply: Collier Parker, Dean, College of Arts & Sciences, Kethley 113, Delta State University, Cleveland, MS 38733. Delta State University is an Equal Opportunity, Affirmative Action Employer.

For Inquiries contact: Amy Owen Education Coordinator, Interdisciplinary Center for GIS, aowen@deltastate.edu or 662-846-4098.

***MISSISSIPPI, MISSISSIPPI STATE 39762-5448.** Mississippi State University, Department of Geosciences, invites applications for an anticipated new full-time, tenure track, **Assistant Professor**, starting Fall 2005. Applicants must have the Ph.D. in a geosciences or a closely related field in natural science completed at the time of appointment. Specific activities associated with the position include teaching and research in the areas of **Geographic Information Systems (GIS)** techniques and computer applications for the geosciences. The successful candidate will teach introductory through graduate-level courses in GIS, such as introduction to GIS, advanced GIS, geodatabase design, cartographic sciences, remote sensing of the physical environment, and geospatial applications. In addition the successful candidate is expected to teach courses in their area of specialization. The successful candidate must develop a research and service program in applications of GIS to complement department subfields. In addition, the ability to do collaborative research with other geoscientists in the areas of meteorology, climatology, geology and/or geography is essential.

The Department of Geosciences has recently developed undergraduate and graduate curricula in Geographic Information Systems and made a commitment to the program with the development of a GIS laboratory. Enrollment in this area is expected to reach 50 students in two years. In addition the department continues to engage in collaborative projects with MSU's Engineering Research Center and the GeoResources Institute.

The department currently has 11 tenure-track faculty and 14 full-time instructors. B.S. and M.S. degrees are offered. Within geosciences there are 4 areas of emphasis: professional geology, environmental geoscience, geography/GIS, and broadcast meteorology/climatology. On campus department enrollments include over 150 undergraduate

majors and 50 M.S. students. Distance learning programs within the department have enrollments of over 700 undergraduate and graduate students. More information about the Department of Geosciences is available on our website: <http://www.msstate.edu/dept/geosciences>.

Candidates must submit a letter of application indicating the position for which they are applying, a curriculum vitae, and the names and addresses (including e-mail) of three people who may be contacted for letters of recommendation on-line at <http://www.jobs.msstate.edu>. Copies of transcripts should be mailed to the address below. DEC 04-234

Apply: Dr. John Mylroie, Search Committee Chair, Department of Geosciences, P.O. Box 5448, Mississippi State, MS 39762. Voice (662)325-3915. E-mail: mylroie@geosci.msstate.edu. Screening of applicants will begin January 1, 2005 and continue until the position is filled. Mississippi State University, a land-grant and sea-grant Institution, founded in 1878, is a Carnegie Doctoral/Research-extensive Institution. Mississippi State University is an Affirmative Action/Equal Opportunity Employer.

***MISSISSIPPI, MISSISSIPPI STATE 39762.** Mississippi State University, Department of Geosciences. **Assistant Professor** of Geography. Tenure-track, beginning August 16, 2005. Ph.D. Required at time of appointment. **Physical Geographer/Meteorologist** with interests that will augment existing strengths in broadcast and operational meteorology and climatology. This is a new position created to allow the department to expand its curriculum to satisfy Civil Service and military meteorology requirements. The position requires a Ph.D. degree in Geography or a closely related field with specialization in operational meteorology/atmospheric science. Teaching expectations include introductory-, upper-, and graduate-level instruction. The ability to teach calculus-based atmospheric dynamics courses is also required. Research and graduate student direction in the field of expertise are expected and are required for advancement. Additional desirable qualifications include expertise in broadcast meteorology and/or GIS.

The department has ten tenure-track faculty, four of whom are geographers, and 12 instructors. B.S. and M.S. degrees are offered in five areas of emphasis in the geosciences: meteorology/climatology, professional geology, geography, environmental geoscience, and GIS. The department has nationally recognized distance learning programs in Broadcast Meteorology, Operational Meteorology, and Teachers in Geoscience.

Additional meteorological activities include participation in the National Collegiate Weather Forecasting Contest and the local Skywarn Storm Spotter Network. Research facilities include the Mississippi State University Climatology Laboratory, the department's fully equipped GIS lab, and the Office of the State Climatologist for Mississippi.

Candidates must submit a letter of application, a curriculum vitae and the names of three references who may be contacted, on-line at <http://www.jobs.msstate.edu>. Copies of transcripts need to be mailed to the address below. DEC 04-235.

Apply: Dr. Charles L. Wax, Search Committee Chair, Department of Geosciences, P. O. Box 5448, Mississippi, MS 39762. Voice: (662)325-3915; E-mail: wax@geosci.msstate.edu. For more information please visit <http://www.msstate.edu/dept/geosciences>. Screening of applications will begin January 1, 2005, and continue until the position is filled. Mississippi State University is an Affirmative Action/Equal Opportunity Employer.

***MISSISSIPPI, MISSISSIPPI STATE 39762. Meteorology/GIS Instructor For Geoscience Distance Learning Program.**

The Department of Geosciences at Mississippi State University invites applications for a new full-time, non-tenure track instructor (9-month appointment with additional summer teaching and salary available and expected) position. An M.S. degree (Ph.D. preferred) in Geography with emphasis in Meteorology. Preference will be given to candidates with knowledge and experience in Geographic Information Systems. This position is with the Geoscience Distance Learning Program and will begin August 2005.

The instructor will be teaching a wide variety of meteorology, geography, and GIS course in our Teachers in Geosciences, Broadcast Meteorology, and Operational Meteorology programs. Courses to be taught may include Introduction to Meteorology, Synoptic Meteorology, Thermodynamic Meteorology, Satellite Meteorology, Radar Meteorology, Severe Weather, World Geography, and Introduction to GIS. An interest in distance learning instruction techniques is essential. Extensive computer knowledge and an interest in leading summer field courses and teaching traditional on-campus courses is highly desirable.

The Geoscience Distance Learning Programs offer B.S. and M.S. degrees in Geosciences. The Distance Learning Programs have enrollments of over 300 undergraduate and over 325 graduate student majors. The department presently offers seventeen undergraduate and twenty-two gradu-

ate courses via distance learning. For more information regarding the distance learning programs please visit <http://www.msstate.edu/dept/geosciences/distance.html>

Candidates should submit a letter of application, curriculum vitae, and the names and email addresses of three people who may be contacted for letters of recommendation on-line at the address below. DEC 04-258.

Apply: <http://www.jobs.msstate.edu>. Copies of transcripts should be mailed to Dr. Mike Brown, Search Committee Chair, Department of Geosciences, PO. Box 5448, Mississippi State, MS, 39762-5448. Voice (662) 325-3915. Email: mike.brown@msstate.edu. Screening of applicants will begin February 1, 2005 and continue until the position is filled. Women and minorities are encouraged to apply. Mississippi State University is an Affirmative Action/Equal Opportunity Employer.

***MISSOURI, COLUMBIA 65203.** University of Missouri – Columbia, **Geospatial Extension Specialist** beginning January 1, 2005. The position's main responsibilities are to build a statewide extension program to: 1.) Assist state and local government management teams in implementing and using state-of-the art geospatial technologies and spatially referenced data; 2.) Develop a multi-level geospatial educational curriculum through Missouri's 4-H youth program; and 3.) Provide technical assistance to promote geospatial technologies as a decision-making tool.

This position is a non-tenure track appointment funded through a 3 year USDA Geospatial Extension Grant. The Missouri Geospatial Extension Specialist will operate under the umbrella of University of Missouri Cooperative Extension and The College of Arts and Science. The position will be housed in the Department of Geography's Geographic Resources Center.

The minimum qualification is a master's degree with doctorate preferred in Geography or a closely related discipline. Classroom and applied experience with geospatial information (GIS, Remote Sensing, GPS), excellent communication, leadership skills and experience working effectively in diverse environments is required.

Applicants should send a letter of interest describing their geospatial expertise, professional goals, curriculum vitae, and contact information for three references. Review of applications will begin November 1, 2004, and continue until the position is filled. EO/AEE – We strongly encourage women and minorities to apply. To request ADA accommodations, please contact

the ADA Coordinator at 573-884-7278 (V/TTY). DEC 04-230.

Apply: Dr. Gail S. Ludwig, Chair, Search Committee, Department of Geography, University of Missouri, Columbia MO 65211. Email: Ludwig@missouri.edu.

MISSOURI, COLUMBIA 65211. University of Missouri - Columbia. The Department of Geography invites applications for a tenure-track **Assistant Professor** beginning August 2005. We seek a **Human Geographer** whose research and teaching will complement the department's strengths in human-environment interaction. The candidate should specialize in areas such as political ecology, human dimensions of environmental change, sustainable development or land use / land cover change. Individuals whose work includes international dimensions or GIS are particularly encouraged to apply. The faculty member we hire will be strongly committed to developing a program of outstanding teaching, graduate student mentoring, and externally-funded research. Ph.D. in Geography or closely related discipline is required at the time of appointment.

Applicants should send a letter of interest describing their research agenda and teaching philosophy, curriculum vitae, and contact information for three references. Review of applications will begin November 1, 2004, and continue until the position is filled. . EO/AEE-Women and minorities strongly encouraged to apply. For ADA accommodations, please contact our ADA Coordinator at (573) 884-7278 (V/TTY). More information on facilities and programs is available on our website at <http://www.geog.missouri.edu/>. NOV 04-191.

Apply: Dr. Joe Hobbs, Chair, Search Committee, Department of Geography, University of Missouri, Columbia MO 65211. Email: HobbsJ@Missouri.edu.

***MISSOURI, MARYVILLE 64468-6001,** Northwest Missouri State University.

Assistant Professor of Geography, tenure-track position. Individual must have a specialization in geo-techniques and teach online master's level courses to support the on-line MS in GIS. In addition, the applicant must be able to teach traditional courses at both the graduate and undergraduate levels. Teaching load is 12 credit hours per trimester. Qualifications include Ph.D. in Geography at time of appointment, strong communication skills, commitment to and demonstrated excellence in teaching. Candidate should have a strong background in GIS with the ability to apply these techniques to other geographic

sub-disciplines. Candidate should have considerable experience with ESRI ArcGIS software. Experience with on-line teaching is desirable/preferred. Submit a letter of application addressing the position and describing personal teaching experience and philosophy, transcripts of academic work, curriculum vitae, evidence of teaching excellence, list of references, and three letters of recommendation. For more information, see www.nwmissouri.edu/hr/JOBS/INDEX.HTM and www.nwmissouri.edu/~geopage. DEC 04-253-1.

Apply: Dr. Gregory Haddock, Geography Search Committee Chair, Department of Geology/Geography, Northwest Missouri State University, 800 University Drive, Maryville, MO 64468-6001. Review of applications and supporting materials will begin December 30, 2004, and continue until the position is filled. Northwest is an Equal Opportunity Employer.

NEBRASKA, LINCOLN 68588-0368. The Department of Geography and Anthropology at the University of Nebraska-Lincoln invites applications for a **Human Geographer specializing in Indigenous Peoples**. This tenure track position is at the rank of **Assistant Professor** and will begin in August 2005. A Ph.D. in Geography at the time of appointment is required. The successful candidate will teach two courses a semester, including Introductory Human Geography, a regional course in his or her specialty, and courses in indigenous peoples at both the undergraduate and graduate levels. That candidate will also develop a research program in indigenous peoples and actively seek external funding. Women and minorities are encouraged to apply. The Department has a strong emphasis, in both Anthropology and Geography, in indigenous peoples and a commitment to cultivating the intellectual ground between the two disciplines. Applicants should submit a letter articulating qualifications, teaching interests and experience, research achievements and goals, and a curriculum vitae with the names of at least three references by January 15, 2005. SEP 04-126-4.

Apply to: David Wishart, Chair of the Search Committee, Department of Anthropology and Geography, University of Nebraska-Lincoln, Lincoln, Nebraska 68588-0368. The University of Nebraska is committed to a pluralistic campus community through affirmative action and equal opportunity and is responsive to the needs of dual career couples. We assure reasonable accommodation under the Americans with Disabilities Act; contact Barbara Trail at (402)472-7934 for assistance.

***NEW HAMPSHIRE, HANOVER 03755.** The Latin American, Latino & Caribbean Studies Program at Dartmouth College invites applications for an **assistant professor**, tenure-track position in **Latino Studies** to begin in the fall term of the 2005 academic year. We seek to appoint a colleague committed to innovative scholarship and teaching with a primary research focus on Latino populations in the U.S. The position will be a joint appointment in the Latin American, Latino and Caribbean Studies Program and a Social Science Department (Anthropology, Geography, History, Government, or Sociology). Candidates should hold a Ph.D. or be in the final stages of a Ph.D. program. Applications should be sent to the address below. DEC 04-248.

Apply: Israel Reyes, Chair of Latin American, Latino and Caribbean Studies, Dartmouth College, 6026 Silsby Hall, Hanover, NH 03755. Review of applications will begin on January 15, 2005. Complete applications should include a letter of interest, a current CV, at least three references, and reprints. Dartmouth is an outstanding research institution, where significant start-up awards are provided to every junior faculty member, and where faculty members are expected to be scholar-teachers of the highest caliber. Dartmouth has an even distribution of male and female students, and close to a third of its undergraduate students are members of minority groups. Dartmouth is committed to diversity and encourages applications from women and minorities. Dartmouth College is an Equal Opportunity, Affirmative Action employer.

NEW JERSEY, MONTCLAIR 07043. The Department of Earth & Environmental Studies at Montclair State University seeks a full-time (10-month) tenure-track **Assistant Professor** with expertise in **land use and natural resources**. Applicants who can demonstrate research potential or experience in metropolitan regions (core urban, suburban, and suburbanizing rural areas), and interests in social aspects of environmental policy and management are strongly encouraged to apply. Teaching responsibilities include introductory geography, environmental studies, or urban studies, and upper level and graduate courses in the applicant's areas of expertise. Research and teaching capability in GIScience are expected. The successful candidate will develop a vigorous externally funded research program, have a strong commitment to excellence in undergraduate and graduate teaching, and participate in developing and expanding departmental and interdisciplinary research and

graduate programs, including the Doctorate in Environmental Management and Passaic River Institute. Ph.D. in Geography or an appropriate field prior to September 1, 2005 required. Additional information about the department is available at <http://www.csam.montclair.edu/earth/eesweb>. Applications, including a letter indicating research and teaching philosophies, curriculum vitae, and list of five professional references should be sent to the attention of the address below. NOV 04-194.

Apply: Dr. Rolf Sternberg, Search Committee Chair (position V F-22), Box C316-V F22, Dept. of Earth & Environmental Studies, Montclair State University, Montclair, NJ 07043. Review of applications will begin immediately and continue until the position is filled. Montclair State University is an Equal Opportunity/Affirmative Action Employer. Qualified women, minorities, and individuals with disabilities are encouraged to apply.

NEW YORK, GENESEO 14454. The State University of New York College at Geneseo, Department of Geography seeks a **Physical Geographer** for a tenure-track position at the rank of **Assistant Professor** beginning Fall 2005. Ph.D. in Geography by September 2005 is preferred; advanced ABD in Geography will be considered. Requires: broad training in Physical Geography, potential for excellent teaching, and demonstrated professional promise. GIS expertise required. Other geotechnical skills desirable. The successful candidate will collaborate in the expansion of the GIS program. Prior fieldwork outside the Americas is desirable. The successful candidate will teach introductory and advanced courses and will have the opportunity to develop courses in his/her area of specialization. SUNY College at Geneseo is a highly selective public liberal arts college with approximately 5000 students. The campus is located in the historic village of Geneseo in the Finger Lakes region of Western New York just south of Rochester. The college is ranked by several rating services as being among the best public undergraduate institutions in the country.

Please submit a faculty application online, by January 14, 2005, at jobs.geneseo.edu and attach the following: cover letter, curriculum vitae, evidence of teaching excellence (including evaluations). Submit three letters of recommendation to the address below. NOV 04-177.

Apply: Dr. Ren Vasiliev, Search Committee Chair, Department of Geography, 1 College Circle, SUNY Geneseo, Geneseo, NY 14454. E-mail: vasiliev@geneseo.edu. SUNY Geneseo is an Affirmative Action/Equal Opportunity Employer committed to recruiting, supporting,

and fostering a diverse community of outstanding faculty, staff, and students.

***NEW YORK, NEW YORK 10011.** Eugene Lang College and The New School, divisions of New School University, invite applications for a joint **full-time faculty position in Urban Studies**. We seek an excellent teacher/scholar with expertise in urban political economy, globalization and urban restructuring, urban planning, and/or urban politics and policy. Specific research interests may include international migration, transnational urbanism, urban social movements, economic liberalization, state transformation, community change and resistance, among others. The ability to teach a basic urban research methods course would be an advantage. Area of geographical specialization is open but candidates with research interests that extend to cities outside North America are preferred. Ph.D. in a relevant discipline required.

We seek candidates at the level of beginning or advanced assistant professor. We are particularly interested in applicants with a commitment to innovative teaching in a seminar format, an interest in community-based learning strategies and a willingness to advise undergraduates.

Send CV, cover letter, one-page statement of teaching philosophy, outline of research program, sample of written work, and three letters of recommendation to the address below. DEC 04-262.

Apply: Scott Salmon, Chair, Urban Studies, Eugene Lang College, 65 West 11th Street, New York, NY 10011, or e-mail to: NSUjobs@newschool.edu. Be sure to indicate Search # 22584 and discipline in subject line.

Only qualified candidates will be contacted. Eugene Lang College and The New School are committed to building a diverse community for learning and teaching. AA/EOE.

Applications received by December 15th will be assured of consideration; however, applications will be accepted until the position is filled.

***NORTH CAROLINA, CHAPEL HILL 27599-4000.** As part of a continuing commitment to advance underrepresented scholars in higher education, The University of North Carolina at Chapel Hill is pleased to announce the availability of **5 positions** in the **Carolina Postdoctoral Program for Faculty Diversity**. Postdoctoral Scholars will spend essentially full time on research, but will be allowed to teach no more than one course per year. Applications for study in any discipline represented at the University are welcome. Department of Geography at the University of North Carolina at Chapel

Hill strongly encourages candidates interested in Earth Systems Science, Globalization, GISci, Social Spaces, Human-Environment to apply. The stipend will be \$35,625 per calendar year. Health benefits are available. Some funds are available for research expenses, including travel. Minority students who will have completed their doctoral degree no later than July 1, 2005, and no earlier than July 1, 2001 are eligible to apply. Preference will be given to U.S. citizens and permanent residents. This program is funded by the State of North Carolina and places emphasis on underrepresented minorities. A complete application will include curriculum vitae, sample publications and/or dissertation chapters, a statement of research plans, three letters of recommendation, an application and a statement of why you should be selected for the program. Applications can be found at <http://research.unc.edu/red/postdoc.html>. If recommendation letters accompany application materials they should be in a sealed envelope. All materials should be sent to the Carolina Postdoctoral Program for Faculty Diversity, Office of the Vice Chancellor for Research and Economic Development, CB# 4000, 312 South Bldg., The University of North Carolina at Chapel Hill, Chapel Hill, N.C. 27599-4000, and must be postmarked by January 7, 2005. Please forward a copy of application to the address below. DEC 04-282.

Apply: L.E. Band, Department of Geography, CB #3220, Chapel Hill, NC 27599-3220, or lband@email.unc.edu (Chair, Department of Geography). Incomplete or late applications will not be accepted.

NORTH CAROLINA, CHARLOTTE, 28223-0001. The University of North Carolina at Charlotte, Department of Geography and Earth Sciences invites applications for a full-time tenure-track position in **Environmental Remote Sensing at the rank of Assistant Professor**, effective Fall 2005. Applicants must have, or be completing a Ph.D. in Earth Sciences, Geography, or a closely related field at the time of appointment. The applicant is expected to develop an independent research program, support and mentor graduate students and teach remote sensing courses at both the undergraduate and graduate level in addition to an introductory Earth Science course.

The Department seeks to hire a scholar with interests in land use change, water resources and global change at the regional scale. The successful candidate will be expected to have expertise in land cover and land use change analysis, digital image processing, computational modeling and a working knowledge of ArcInfo/ArcGIS

The successful candidate must be able to teach courses at the graduate level to support the MS in Earth Sciences and the PhD in Infrastructure and Environmental Systems programs at UNC Charlotte. He/she will also complement existing Departmental expertise in the geographic and Earth Sciences relating to environmental studies, the hydrosphere, surface processes and GIS.

Review of applications will begin December 1, 2004 and continue until the position is filled. Send: 1) letter of application stating primary teaching and research interests, 2) vita, 3) three references to the address given below. Finalists may be asked to send additional materials at a later date. AA/EOE. NOV 04-185.

Apply to: Dr. Jerry Ingalls, Chair, Department of Geography and Earth Sciences, The University of North Carolina at Charlotte, 9201 University City Blvd., Charlotte, NC, 28223-0001. Email: gingalls@email.unc.edu.

NORTH CAROLINA, CHARLOTTE, 28223-0001. The University of North Carolina at Charlotte, Department of Geography and Earth Sciences is recruiting an outstanding candidate for the **Knight Professor of Public Policy** to begin in the Fall term, 2005. The successful candidate will have a distinguished research record including publications and funded research, graduate teaching and mentorship credentials, and the ability to work with colleagues from several academic departments and the community. The Department seeks a scholar with focus in the area of urban, regional, or environmental policy. The appointee will be expected to teach three courses per year, conduct funded research, and direct doctoral students.

The successful candidate will be a core faculty member in the interdisciplinary Ph.D. in Public Policy, which began in the Fall of 2001 and currently has more than 25 students. The appointee must have experience and credentials commensurate with the rank of Professor in the Department of Geography and Earth Sciences. The Knight Distinguished Professorship and the endowment derivatives are for an initial term of five years, renewable for additional terms.

Review of applications will begin December 1, 2004 and continue until the position is filled. Send: 1) letter of application stating primary teaching and research interests, 2) vita, 3) three references to the address given below. Finalists may be asked to send additional materials at a later date. AA/EOE. NOV 04-183.

Apply to: Dr. Jerry Ingalls, Chair, Department of Geography and Earth Sciences, The University of North Carolina at Charlotte,

9201 University City Blvd., Charlotte, NC, 28223-0001

NORTH CAROLINA, CHARLOTTE 28223-0001. The University of North Carolina at Charlotte, Department of Geography and Earth Sciences is recruiting a 9-month, tenure-track **Assistant or Associate Professor** who will also serve as **Director for the Center for Applied Geographic Information Science (CAGIS)** beginning Fall 2005. As a faculty member, the successful candidate will teach, conduct research, and contribute to the Department's undergraduate program and the Master's programs in Geography and in Earth Sciences. He/She is expected to teach courses in GIS theory and applications, conduct GIS-related research, and direct student research projects. A Ph.D. in Geography or related field is required. A commitment to excellence in teaching, research, and service is essential. As the director of CAGIS, the successful candidate will promote the role of CAGIS by partnerships and research collaborations that involve the use of geographic information technology across geography, earth sciences, and other disciplines. More specifically, he/she is expected to provide effective leadership for the CAGIS, initiate and maintain a vigorous externally funded research program, collaborate with other GIS faculty members in the Department, and coordinate campus-wide GIS related initiatives in research, education, and professional training.

The Department has a long-standing teaching and research emphasis on location analysis and planning, offering a highly applied curriculum for over 30 years. It offers Bachelor's and Master's programs in Geography and in Earth Sciences and is a principal participant in interdisciplinary Ph.D. programs in Public Policy and in Infrastructure and Environmental Systems. In addition to the newly established Center for Applied Geographic Information Science, the Department maintains a large research and teaching GIS facility, a cartographic laboratory, and two other computational facilities for use by students and faculty. Departmental faculty also directs a long-standing Center for Transportation Policy Studies.

Review of applications will begin December 1, 2004 and continue until the position is filled. Send: 1) letter of application stating primary teaching and research interests, 2) vita, 3) three references to the address given below. Finalists may be asked to send additional materials at a later date. AA/EOE. NOV 04-184.

Apply to: Dr. Jerry Ingalls, Chair, Department of Geography and Earth Sciences, The University of North Carolina at Charlotte, 9201 University City Blvd., Charlotte, NC, 28223-0001.

NORTH CAROLINA, CHARLOTTE 28223-0001. The University of North Carolina at Charlotte is seeking a senior candidate (**Associate/ Full Professor** level) for the position of **Director of the Ph.D. in Public Policy**. The interdisciplinary Ph.D. in Public Policy was initiated in 2001 and currently enrolls approximately 30 doctoral students. The successful candidate must present an excellent record of publication, funded research and teaching, and demonstrate the ability to work effectively with colleagues from several academic departments and community leaders. Candidates may have specialties in any area of public policy. The appointee will be expected to teach two courses per year, conduct funded research, and administer the interdisciplinary Ph.D. in Public Policy. The candidate will be eligible for permanent tenure within one of the academic departments supporting the Ph.D. in Public Policy program, but in regard to program administration will report directly to the Dean of the College of Arts and Sciences. Salary for the position is based on a 12-month contract. For additional information on the Public Policy Ph.D. Program, see <http://www.uncc.edu/ppol/index.asp>. To apply, submit a letter articulating qualifications, primary and secondary teaching and research interests, plus curriculum vitae to the address below. NOV 04-180.

Apply: Chair, Public Policy Director Search Committee, College of Arts and Sciences Dean's Office, The University of North Carolina Charlotte, 9201 University City Blvd, Charlotte, North Carolina 28223-0001. Finalists will be asked to send additional materials, such as graduate transcripts, reprints and three letters of reference at a later date. Review of applications will begin on November 1, 2004 and continue until the position is filled. The University of North Carolina at Charlotte occupies a 1,000-acre campus on the outskirts of the largest city in the two Carolinas. The university is one of the fastest growing units within the 16-campus University of North Carolina System with an enrollment of approximately 20,000. Almost 20 percent of the student body is enrolled in the graduate programs. The University of North Carolina at Charlotte is an affirmative action/equal opportunity employer and complies fully with the Immigration Reform and Control Act of 1986.

NORTH CAROLINA, CHARLOTTE, 28223-0001. The Department of Geography and Earth Sciences at UNC Charlotte invites applications for a nine-month, tenure-track **Assistant Professor** position beginning August 2005. We seek a broadly-trained **Human Geographer** whose

research and teaching will complement the Department's strengths in **Urban and/or Economic Geography**. Teaching interest and training in spatial quantitative methods and GIS applications a plus. The successful candidate will be joining a growing and congenial department with a long-standing commitment to teaching, research and service excellence. Candidates must demonstrate promise of effective teaching and a developing research record as evidenced through peer-reviewed publication and competitive research funding. Candidates must be able to work well with colleagues, as well as with wider university and urban communities. The successful candidate will be expected to teach introductory to senior level geography courses reflective of their research expertise, as well as graduate level courses for the MA program in Geography and the interdisciplinary Public Policy PhD program in which the Department is a core participant. Candidates must have the PhD at time of appointment or be able to complete within the first semester in residence. Candidates should submit a cover letter, teaching and research statements, and a curriculum vita at least three letters of reference. AA/EOE. The Department is strongly committed to diversity. Women, members of minority groups, and persons with disabilities are encouraged to apply.

Review of applications will begin December 1, 2004 and continue until the position is filled. NOV 04-204.

Apply to: Dr. Jerry Ingalls, Department of Geography and Earth Sciences, UNC Charlotte, 9201 University City Blvd, Charlotte, NC 28223-0001. Email: gingalls@uncc.edu Department website: <http://www.geoeath.uncc.edu>.

***NORTH CAROLINA, CULLOWHEE 28723.** Western Carolina University: Remote Sensing. The Natural Resources Management Program invites applications for a tenure-track **Assistant Professor of Remote Sensing** beginning August, 2005. Candidate will develop and deliver courses in the NRM curriculum including introductory and advanced remote sensing, and the University's liberal studies program. Ph.D. required by date of appointment. Applicants are required to have training and experience with current remote sensing software and in applied remote sensing in one or more aspects of natural resources management. Applicants must demonstrate a commitment to excellence in teaching and research at the undergraduate level. University teaching experience preferred. To apply submit a statement of teaching philosophy, teaching and research interests and experience,

CV, and contact information for three referees to the address below. DEC 04-271.

Apply: L. Kolenbrander, Geosciences and Natural Resources Management Department, Western Carolina University, Cullowhee, NC 28723. Application review will begin January 15, 2005 and continue until position is filled. The University is an equal opportunity employer and encourages applications from women and minorities. Visit <http://www.wcu.edu> for further information about the University and this position.

NORTH CAROLINA, GREENSBORO 27402-6170. The Department of Geography of the University of North Carolina at Greensboro invites applications from scholars with strong records of research for a position in **Geographic Information Science or Urban Geography**. Rank is open. The successful applicant will have a record that combines excellence in publishing and teaching with a demonstrated ability to obtain external funding.

Geography at UNCG has grown from a B.A. program to a comprehensive, doctoral-granting program during the last decade. The traditional strengths of the geography department at UNCG have been the application of GIS techniques and urban-economic geography at various scales. Our university is a comprehensive, doctoral-granting institution of higher learning. It is home to over 15,000 students and is located in a metropolitan area of over one million people in central North Carolina. Applicants should send a statement outlining their current research and teaching experience, a curriculum vitae, and the names of three referees with full contact information. Reviews will begin January 18, 2005 and continue until the position is filled. NOV 04-205.

Apply: D. Gordon Bennett, Search Committee Chair, Department of Geography, P.O. Box 26170, University of North Carolina at Greensboro, Greensboro, NC 27402-6170. Internet dgbennet@uncg.edu. Additional information can be found at www.uncg.edu/geo. EEO/AA.

NORTH CAROLINA, GREENSBORO 27402-6170. The Department of Geography of the University of North Carolina at Greensboro invites applications from scholars with strong records of teaching and field based research for a position in **physical geography**. Rank is open. The best fit for our department will be candidates with principle expertise in biogeography and secondary interests in weather and climate, or environmental studies. The successful applicant will develop a research program and graduate level courses that contribute to our M.A. and Ph.D.

programs. Willingness to teach at the undergraduate level in the areas of earth science or environmental planning is also desired.

Geography at UNCG is an expanding program with a diverse faculty committed to teaching, research, and service. Its Piedmont location is easily accessible to the Appalachian Highlands and the Atlantic Coast.

Applicants should send a statement outlining their current research program and teaching experience, a curriculum vitae providing evidence for that statement, and the names of three referees with full contact information. Reviews will begin January 18, 2005 and continue until the position is filled. NOV 04-176.

Apply: Michael E. Lewis, Search Committee Chair, Department of Geography, P.O. Box 26170, University of North Carolina at Greensboro, Greensboro, NC 27402-6170. Internet melewis@uncg.edu. Additional information can be found at www.uncg.edu/geo. EEO/AA.

***OHIO, ATHENS 47501-2979.** Ohio University. The Department of Geography invites applications for a **Visiting Assistant Professor** starting Fall, 2005. Applicants must have research experience and expertise in **Africa** and must be able to teach advanced undergraduate and graduate courses. Preference will be given to candidates with a specialization in medical geography, environment, development, or who will contribute to our existing strengths in Geography. We are interested in hiring a faculty member who is committed to excellent teaching, and can make an interdisciplinary contribution with the African Studies Program, www.ohio.edu/african, which is a National Resource Center (Title VI). Ph.D. in Geography desired; ABD in Geography considered.

The completed application must include a letter of application, vita, copy of transcripts, and evidence of research and teaching experience. Please have three referees forward a letter of professional recommendation. Visit us online at www.ohio.edu/geography. Ohio University is an affirmative action/equal opportunity employer that strives to enhance its ability to develop a diverse faculty. Review of applications will begin on February 1, 2005 and continue until the position is filled. DEC 04-279.

Apply: Dr. Ronald Isaac, Chair, Department of Geography, Ohio University, Athens, OH 45701-2979. Voice 740-593-1138. Fax 740-593-1139. E-mail isaacr@ohio.edu.

***OHIO, ATHENS 47501-2979.** Ohio University. The Department of Geography invites

applications for a tenure-track position at the **Assistant Professor** rank in **Cartography/ Geographic Visualization** beginning Fall, 2005. We are seeking a faculty member who can work in an interdisciplinary environment, is committed to excellent teaching, and who promises to make substantial contributions in research with the expectation to secure external funding. The Ohio University Cartographic Center, housed within the Department of Geography, offers a wide range of resources to support this position and to sustain an active research agenda. For this position, the successful candidate must hold a Ph.D. in Geography and demonstrate research and teaching expertise in the area of geo-visualization and the interface between cartography and geographic information science. Secondary background that complements existing departmental strengths in human/environmental interaction, urban analysis, and resource management is highly desirable.

The completed application must include a letter of application, vita, copies of transcripts, evidence of research and teaching experience, and three letters of reference. For more information please visit us online at www.ohio.edu/geography. Ohio University is an affirmative action/equal opportunity employer that strives to enhance its ability to develop a diverse faculty. Review of applications will begin on January 20, 2005. DEC 04-280.

Apply: Dr. Ronald Isaac, Chair, Department of Geography, Ohio University, Athens, OH 45701-2979. Voice 740-593-1138. Fax 740-593-1139. E-mail isaacr@ohio.edu.

***OHIO, COLUMBUS 43210-1361.** The Ohio State University. **Assistant Professor** [full-time, tenure-track faculty member]. The Department of Geography announces the availability of a new position in addition to the advertised openings appearing in JIG October 2004 [cf GIS-05, HUM-05 and PSE-05]. This opening is in the area of **spatial analysis methods** [SAM-05]. We wish to hear from individuals with exceptional research records and potential for integration to other thematic areas. These goals might be met through *either* strengthening intra-departmental linkages or through building connections to other departments.

In particular the Department of Geography seeks an individual with expertise in spatial statistics, exploratory spatial data analysis, and GIScience. Substantive interests in spatial data uncertainty, urban issues, or environmental science are desirable. With appropriate qualifications, this posting may result in a joint

appointment in the Department of Geography [75%] and in the Department of Statistics [25%].

A Ph.D. in Geography or a closely related field is required at the time of appointment. Demonstrated excellence in teaching and research is required. A Masters degree (or equivalent) in Statistics is also desired and is required in the case of a joint appointment.

In the case of a joint appointment with statistics, research is expected to be in one of the areas of hierarchical or Bayesian spatial statistical modeling, spatial econometrics, geostatistics, and/or spatial pattern analysis. Participation in the Department of Statistics' Program in Spatial Statistics and Environmental Sciences is expected. For more information on the SSES Program, see <http://www.stat.ohio-state.edu/~sSES/index.html> or contact its Director, Noel Cressie (ncressie@stat.ohio-state.edu). Information on the Department of Statistics may be found at <http://www.stat.ohio-state.edu>.

The Ohio State University is an Equal Opportunity, Affirmative Action Employer. Women, minorities, veterans, and individuals with different abilities are encouraged to apply.

Letter of application, complete CV, graduate transcripts, statement of professional interests and accomplishments, three letters of reference, and selected papers (published, forthcoming, submitted) should be sent to the address below. DEC 04-233.

Apply: Morton E. O'Kelly, Chair, Department of Geography, The Ohio State University, 154 North Oval Mall, Columbus, Ohio 43210-1361. Tel: 614-292-2514; FAX 614-292-6213; e-mail okelly.1@osu.edu; Department home page <http://www.geography.ohio-state.edu>. Review of the materials will begin January 15, 2005.

***OHIO, TOLEDO 43606.** The Department of Geography and Planning invites applications for a tenure-track appointment at the level of **Assistant Professor** starting August 2005. Ph.D. in Geography, Planning, or related discipline required at time of appointment. The successful candidate will have the opportunity to participate in the planning, implementation, research and teaching in support of a proposed Ph.D. program in the spatial social sciences at The University of Toledo.

Urban Planner or Urban Geographer with teaching and research interests in one or more of the following areas: urban environments, land use planning, urban design, and community economic development planning. Applicants with additional expertise in quantitative methods and members of the American Institute of

Certified Planners are particularly encouraged to apply. The successful candidate is expected to have an established record of research and scholarship, will be expected to assist the department in its planning accreditation efforts, and will engage in community and university outreach efforts.

The Department of Geography and Planning has an applied orientation with approximately 40 MA level graduate students, 35 undergraduate majors, and a very successful community based internship program. The Department is a member of the Association of Collegiate Schools of Planning. The Department has an active research agenda with external funding exceeding \$2.5 million in the last two years. The University of Toledo is a Carnegie Research Extensive comprehensive state institution enrolling approximately 20,000 students with an attractive main campus located in a suburban setting. The city of Toledo has a rich cultural life including the renowned Toledo Museum of Art, as well as an excellent zoo, symphony orchestra, metropolitan park system, public library system, and science museum.

Please send letter of application, curriculum vitae, and arrange to have at least three letters of reference sent. Application materials will be reviewed beginning 15 January, 2005 and will continue until the position is filled. The Department encourages applications from minorities, women, and persons with disabilities. The University of Toledo is an Affirmative Action/Equal Opportunity Employer M/F/D/V. DEC 04-225.

Apply: Dr. Patrick Lawrence, Chair, Search Committee, Department of Geography and Planning, 2801 West Bancroft Street. Voice 419-530-4128; Fax 419-530-7919. Internet: PLawren2@utnet.utoledo.edu.

***OHIO, TOLEDO 43606.** The Department of Geography and Planning invites applications for a tenure-track appointment starting August, 2005. **Open Rank.** Ph.D. in Geography, Planning, or related discipline required at time of application. The successful candidate will have the opportunity to participate in the planning, implementation, research and teaching in support of a proposed Ph.D. program in the spatial social sciences at The University of Toledo.

Urban/Economic Geographer with teaching and research interests in each of the following areas: GIS, regional development, quantitative methods, urban and economic geography. Candidates with a background and experience urban and regional planning are particularly encouraged to

apply. The successful candidate is expected to have an established record of research and scholarship in the areas described above, and will be expected to participate in the department's Geographic Information Science and Applied Geographics (GISAG) Center in both a research capacity and in outreach efforts directed at regional development in Northwest Ohio.

The Department of Geography and Planning has an applied orientation with approximately 40 MA level graduate students, 38 undergraduate majors, and a very successful community based internship program. The Department is a member of the Association of Collegiate Schools of Planning. The Department has an active research agenda with external funding exceeding \$2.5 million in the last two years. The department's GISAG Center provides the focus for interdisciplinary research with other academic units that include Earth, Ecological and Environmental Sciences, Civil and Environmental Engineering, Economics, Business Administration and Political Science.

The University of Toledo is a Carnegie Research Extensive comprehensive state institution enrolling approximately 20,000 students with an attractive main campus located in a suburban setting. The city of Toledo has a rich cultural life including the renowned Toledo Museum of Art, as well as an excellent zoo, symphony orchestra, metropolitan park system, public library system, and science museum.

Please send letter of application, curriculum vitae, and arrange to have at least three letters of reference sent. Application materials will be reviewed beginning 15 January, 2005 and will continue until the position is filled. The Department encourages applications from minorities, women, and persons with disabilities. The University of Toledo is an Affirmative Action/Equal Opportunity Employer M/F/D/V. DEC 04-226.

Apply: Dr. Peter S. Lindquist, Chair, Department of Geography and Planning, 2801 West Bancroft Street. Voice 419-530-4287; Fax 419-530-7919. Internet: plindqu@utnet.utoledo.edu.

***OHIO, TOLEDO 43606.** The University of Toledo invites applications for a tenure-track appointment in **geography** at the rank of **Assistant Professor**, beginning August, 2005. Ph.D. in geography or related discipline required at the time of application (December, 2004). The successful candidate will play a critical role in the planning, implementation, research and teaching in support of a new Ph.D. program in the spatial social sciences; expertise in analysis and modeling

of spatial social science issues and expertise in the processing of spatial data is required.

The program will focus on the spatial dimension of human and social dynamics, including interaction of individuals and society, government, and market participants. This position will be housed in the Department of Geography and Planning that will maintain responsibility for evaluation of research, teaching and service. In addition, this position will involve active collaboration in funded research at the university's Geographic Information Science and Applied Geographics Center in partnership with an interdisciplinary team from the departments of Economics, Geography & Planning, Political Science & Public Administration, and Anthropology & Sociology.

The candidate should have expertise in theoretical, methodological and applied aspects of geographic information science, including GIS, remote sensing, spatial analysis, and environmental geography. Successful candidates would have a commitment to: an active research program; publishing research in internationally recognized journals; attracting external research funding; research supervision of graduate students; and developing effective University teaching at all levels which includes directing undergraduate research.

Please send letter of application, curriculum vitae, transcripts, evidence of teaching effectiveness, and arrange to have at least three letters of reference sent. Applications via e-mail will not be accepted. Letter of application should outline candidate's interest in spatially integrated social science and potential contributions to proposed Ph.D. program. Review of applications will begin on December 15, 2004 and will continue until position is filled. Applications from minorities, women and persons with disabilities are encouraged. The University of Toledo is an Affirmative Action/Equal Opportunity Employer M/F/D/V. DEC 04-243.

Apply to Chair, Social Science Cluster Search Committee, C/O Department of Geography and Planning, University of Toledo, Mail Stop 932, Toledo, OH 43606-3390. Fax 419-530-7919. For further information consult <http://www.spatialsocialscience.utoledo.edu>.

***OKLAHOMA, STILLWATER 74078-4073.** Oklahoma State University. The Department of Geography invites applications for the tenure-line position of **Assistant Professor**. We are searching for a geographer specializing in **Transportation Geography** with strong abilities in **GIS**. A secondary interest in city/urban/

regional planning is desirable. This is a new tenure line position to augment and expand the research and teaching capabilities of the Department in these sub-disciplines. The selected individual will be required to teach/develop courses in their area of expertise, as well as in appropriate lower division courses offered within the Department. Excellence in instruction is required. It is also expected that the successful candidate will have or develop a strong extramurally-funded research agenda in transport geography or a closely related area. Opportunities for collaborative research with current faculty in the Department and throughout the campus exist, and the candidate will be able to collaborate through existing research ties with local state agencies and private organizations with which the Department has strong ties. OSU co-hosts the multi-disciplinary Oklahoma Transportation Center (Engineering, Geography, Business, etc.), and this individual will be expected to take on a significant role in this effort.

OSU Geography is a doctoral-granting department housed in the College of Arts and Sciences, and currently has 12 tenure-line faculty, 60 undergraduate majors, and 45 graduate students. OSU is a Land Grant University with a student population of approximately 23,000. Stillwater is an attractive community of 40,000 equidistant from Tulsa and Oklahoma City. Further information on the department is available at <http://www.geog.okstate.edu>.

Applicants must submit a letter of application, curriculum vitae, and three letters of reference by January 15, 2005. Women and minority candidates are strongly encouraged to apply. EO/AEE. DEC 04-251.

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

***OREGON, CORVALLIS.** Oregon State University. The Department of Geosciences seeks to hire a tenure-track **Assistant Professor** in **resource geography/land-use planning**.

We are searching for an outstanding scholar and teacher who will support undergraduate and graduate instruction in the department's Geography Program including some combination of land-use policy, planning, resource use, regional geography, and courses appropriate to the candidate's areas of specialization. The successful candidate's research will contribute to at least one of the department's focal areas (see <http://geo.oregonstate.edu/research.htm>). A

range of specializations will be considered, but the ideal candidate will have specific training in rural land-use planning as applied to the United States as well as international research experience. Because the state of Oregon is a national leader in comprehensive land-use planning, this position offers a dynamic scholar and teacher unusual opportunities to provide leadership in applied research at the state, national, and international levels in resource management and policy for earth, aquatic, and marine resources and for climate. Candidates must have a PhD in geography or a closely related field. Preferred qualifications include a demonstrable commitment to promoting and enhancing diversity.

Submit a letter of application describing your research interests, teaching experience, qualifications for this position, CV, and the names of three references (with contact information) to the address below. DEC 04-274.

Apply: Dr. Dawn Wright, Search Committee Chair, Dept. of Geosciences, 104 Wilkinson Hall, Corvallis, OR 97331-5506. Fax: 541-737-1200, Voice: 541-737-1229. E-mail: petersom@geo.orst.edu. For full consideration, apply by January 15, 2005.

Oregon State University is an Affirmative Action/Equal Opportunity Employer and has a policy of being responsive to the needs of dual career couples. For more information about OSU and Corvallis, see <http://oregonstate.edu/>.

PENNSYLVANIA, BLOOMSBURG 17815-1301. Bloomsburg University of Pennsylvania. The Department of Geography and Geosciences. **Instructor/Assistant Professor (AA#41-4-38)**, full-time tenure track faculty position starting August 2005. Candidates should demonstrate a commitment to teaching excellence at the undergraduate level, and will be expected to teach courses focusing **primarily on human geography and environmental studies**, and advanced undergraduate electives in the candidate's specialization, such as recreation, tourism, and sport, and/or environmental hazards. Preference will be given to those who can utilize GIS in the classroom as a teaching tool, and add to the department's GIS course offerings. An ability to conduct a research agenda that includes scholarly publications is expected. A Ph.D. in Geography, or related discipline, by time of appointment is preferred, but exceptional applicants that are A.B.D. will be considered.

Demonstrated ability to work with diverse populations is also required.

Finalists for this position must communicate well and successfully complete an interview

and/or teaching demonstration. Recommendation for hiring is needed by the majority of the regular, full-time dept. faculty.

Bloomsburg University is committed to AA/EOE. Persons of color, women, and all other protected class members are encouraged to apply. For full consideration, applicants should submit a letter of application, resume, official transcripts, and three letters of recommendation postmarked by January 7, 2005. NOV 04-186.

Apply: Chair of Geography Search Committee, Department of Geography & Geosciences, Bloomsburg University, 400 E. Second St., Bloomsburg, PA 17815-1301.

***PENNSYLVANIA, EDINBORO 16444.** The Department of Geosciences at Edinboro University of Pennsylvania invites applications for a tenure-track, **Instructor/Assistant Professor** position in **Applied GIS/Cartography #35011131** beginning Fall 2005. Teaching duties will include cartography, GIS, and quantitative methods/spatial analysis, as well as upper division courses in the candidate's area of expertise.

A Ph.D. in geography or related field is expected (ABD considered). Open to any specialization that will complement the program's existing strengths. Preference will be given to the applicant who demonstrates a willingness and ability to collaborate in interdisciplinary faculty/student teaching and research initiatives. Salary: very competitive; commensurate with experience. DEC 04-257.

Deadline: Applications must be postmarked January 31, 2005. Application Procedure: Applications should be submitted to Dr. Eric Randall, Dean of Science, Management and Technology, Arts and Sciences Center, Edinboro University of Pennsylvania, Edinboro, PA 16444. Visit our web page at www.edinboro.edu. AA/EOE.

PENNSYLVANIA, LANCASTER 17604-3003.

The Department of Earth and Environment at Franklin & Marshall College invites applications for a tenure-track position at the **Assistant Professor** level, beginning Fall 2005. The Department offers majors in Geoscience, Environmental Science and Environmental Studies. The successful candidate will integrate his or her expertise into the interdisciplinary curriculum, with emphasis on **Environmental Studies**. The candidate will teach an introductory course in environmental studies, an intermediate level course in environmental policy, the capstone course for the major, and a contribution to the College's general education program, "Foundations". Other possible teaching includes topics in

the applicant's field of expertise. For additional program information see our Web page at <http://www.fandm.edu/Departments/EnvironmentalStudies/esp.html>. Applicants should have a Ph.D. in environmental policy or a related field and teaching experience. A commitment to undergraduate education, a strong program of scholarly research, and active engagement in a dynamic department are important. Send a letter of application, including a statement of teaching and research interests and a description of strengths you would bring to the Department, *curriculum vitae*, undergraduate and graduate transcripts, and three letters of recommendation to the address below. NOV 04-168.

Apply: Dr. Carol de Wet, Chair, Dept of Earth and Environment, Franklin & Marshall College, Lancaster, PA 17604-3003 (carol.dewet@fandm.edu). Review of completed applications will begin December 1, 2004.

Franklin & Marshall College is a highly selective liberal arts college with a demonstrated commitment to cultural pluralism through the hiring of women and minorities. EOE/AA

***PENNSYLVANIA, MILLERSVILLE 17551-0302.** Geography Department. **Assistant Professor**, full-time, tenure-track beginning August 2005.

Human geographer to teach four undergraduate classes per semester (two or three different courses). Additional responsibilities include ongoing professional/scholarly activity and service to the department, university, and/or community.

Required: ABD in geography with specialization in health geography from a human-environmental perspective and with a regional specialty in Latin America and/or Asia. (All requirements for the Ph.D. must be completed by the time of re-appointment to the third year.) Must show ability to teach World Regional Geography; provide evidence of commitment to teaching, scholarly growth, and service. Must have successful interview and teaching demonstration.

Preferred: Ph.D. in geography in the above specialties, GIS skills, teaching experience, and good record of scholarship. Favorable teaching evaluations, as applicable.

Full consideration given to applications received by January 15, 2005. Send letter of application addressing qualifications, a description of your teaching philosophy, syllabi for classes, evidence of scholarly activity, curriculum vitae, and the names, addresses, and phone numbers of three references to the address below. DEC 04-260.

Apply: Dr. Kathleen V. Schreiber, Search Committee Chair, Geography Department/

AAG1204, Millersville University. P.O. Box 1002, Millersville, PA 17551-0302. <http://muweb.millersville.edu/~geograph/>.

An EO/AA Institution. www.millersville.edu.

***PENNSYLVANIA, SLIPPERY ROCK 16057.** Slippery Rock University is seeking applicants for a tenure-track **Assistant Professor** with expertise in **cartography** in the Department of Geography, Geology, and the Environment beginning September 2005. The department consists of 13 faculty and approximately 110 undergraduate majors and offers programs in environmental science and studies, geography, and geology.

Qualifications: ABD in Geography required (PhD must be completed by August 2005). Broad training, with expertise in cartography and the ability to apply them to environmental concerns are required. Successful performance in an on-campus interview, including a teaching presentation, is also required. Expertise in planning preferred.

Responsibilities: Teach Cartography I and II, planning, introductory courses, and potential development of advanced courses in area of expertise. Demonstrate excellent teaching and maintain an active program of research, including peer-reviewed publication, mentor undergraduate student research and participate in university service and student advising. Teaching load is 4 courses per semester, which includes 3 preparations.

Send letter of interest, curriculum vitae, statement of research and teaching interests, graduate and undergraduate transcripts (official transcripts required before hiring) and the names, addresses (postal and email) and phone numbers of three references to the address below. DEC 04-272.

Apply: Jack Livingston, Search Chair, Department of Geography, Geology, and the Environment, Slippery Rock University, Slippery Rock, PA 16057, Phone: 724-738-2897, Fax: 724-738-4762, Email: jack.livingston@sru.edu.

Review of applications will begin January 31, 2005 and continue until position is filled. Slippery Rock University of PA is a member of the State System of Higher Education and is an affirmative action/equal opportunity employer. Visit our web page at www.sru.edu.

PENNSYLVANIA, UNIVERSITY PARK 16802. Assistant or Associate Professor of **Geography (GI Science)**. Penn State.

Tenure track faculty position for an advanced Assistant or Associate Professor in GIScience with an emphasis on spatial analysis/modeling. Outstanding applicants at a higher rank will also be considered. We are interested in candidates

who will complement and strengthen the GIScience—teaching and research program—in the Department of Geography. GIScience research in the department is directed and coordinated by GeoVISTA (www.geovista.psu.edu), a departmental GIScience/Geovisualization research center with five associated departmental faculty and nine faculty affiliates from departments across the University Park campus. Candidates with research expertise in any area of GIScience, Spatial Analysis and Spatial Modeling will be considered and we have particular interest in receiving applications from candidates whose research contributes to problem resolution in the fields of health and the environment, global change, or urban systems, broadly defined. A willingness to participate as an advisor or instructor in the Professional Masters of Geographic Information Systems (MGIS) distance learning program is desirable. Excellence in teaching, research, and service is expected, as is the development of an extramurally funded research program. Applicants should submit: 1) a letter describing how they would contribute to the Department's teaching and research program; 2) a complete curriculum vitae; 3) a maximum of five reprints; and 4) the names and addresses (including e-mail and fax) of three to five referees. Review of applications will begin December 15, 2004, but applications will be accepted until the position is filled.

Applications from women and under represented groups are encouraged. NOV 04-182.

Apply: Dr. Alan H. Taylor, Chair, Search Committee, Department of Geography, The Pennsylvania State University, Pos #: X-18582, 302 Walker Building, University Park, PA 16802 Phone: (814) 865-3433; Fax: (814) 863-7943; E-mail: aht1@psu.edu.

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

SOUTH DAKOTA, BROOKINGS 57007. South Dakota State University, Brookings County. The Department of Geography at SDSU invites applications for a term appointment at the rank of **Assistant Professor**. The position begins August 2005 and is renewable annually based on availability of funding. Responsibilities include teaching four three credit courses per semester in **introductory and upper geography** area. An earned Ph.D. in Geography and ability to teach Introduction to Physical Geography and World Regional Geography required. For full list of qualifications, visit jobs.sdstate.edu. Detailed information

about the Department can be found at: <http://www3.sdstate.edu/Academics/CollegeOfArtsAndScience/Geography>.

Please send an application letter, vita, copies of transcripts, and three letters of reference by December 1, 2004 to the address below. NOV 04-193.

Apply: Dr. Charles F. Gritzner, Chair, Search Committee, Department of Geography, Box 504, SDSU, Brookings, SD 57007. Phone: (605) 688-4511.

SDSU is an AA/EEO employer and encourages applications from women and minorities. ADA accommodations: 605-688-4394.

***TEXAS, ARLINGTON 76019-0588.** The School of Urban and Public Affairs (SUPA) at the University of Texas at Arlington invites applications for a tenure-track faculty position at the **Assistant Professor** level with expertise in **Urban Geography** beginning Fall 2005. Interest in population and/or economic issues in metropolitan areas, as well as knowledge of Geographic Information Systems (GIS) technologies and programming language a plus. Applicants must have completed their doctorate in Geography, Planning, or a related field by Sept. 1, 2005. The School is especially interested in candidates who have an established research record with interest in working in a multidisciplinary environment as well as a commitment to community service.

The School offers excellent teaching and research support, and its location in the heart of the Dallas-Fort Worth metropolitan area provides an ideal urban laboratory for research and community service. The School, with an interdisciplinary faculty of 19, offers five graduate degrees including: Ph.D. in Urban and Public Administration, Ph.D. in Urban Planning and Public Policy, Masters in Urban Affairs, Masters in Public Administration, and Masters in City and Regional Planning.

Letter of application indicating research and teaching interests, vitae, and three letters of recommendation should be sent to the address below. DEC 04-247.

Apply: Dr. Jianling Li, Chair, Search Committee, School of Urban and Public Affairs, Box 19588, The University of Texas at Arlington, Arlington, TX 76019-0588. Review of applications will begin on December 15, 2004. Applications received by December 15, 2004 will be given first consideration although we will continue to accept applications after that date. The University of Texas at Arlington is an Equal Opportunity/Affirmative Action Employer.

TEXAS, COLLEGE STATION 77843-3147. Texas A&M University. The Department of Geography invites applications for a tenured **Professor** of Geography with expertise in **water resources** or **watershed processes**. The successful applicant will be expected to take a leading role in shaping the department's growing environmental program and to participate in the University's graduate program in water resources. This position is part of the University's faculty hiring initiative that over four years will increase the size of the geography faculty by five and the College of Geosciences faculty (in which the department is located) by 20 (see <http://geosciences.tamu.edu> for the College's Vision 2020 Faculty Investment Plan). Over this time period, 447 new faculty will be hired at the University. The successful applicant must have a proven record of, and strong commitment to, excellence in teaching and research and have demonstrated ability to secure external funding.

Candidates should submit a letter of application, curriculum vitae, and names and addresses (including e-mail addresses) of three referees to the address below. NOV 04-223.

Apply: Dr. Robert S. Bednarz, Search Committee Chair, Department of Geography, Texas A&M University, College Station, TX, 77843-3147. Review of applications will begin on 15 January 2005 and continue until the position is filled. Candidates need not hold the position of professor at the time of application but must have qualifications appropriate for appointment at the full professor rank. Texas A&M University is an Affirmative Action/Equal Opportunity Employer. The University is dedicated to the goal of building a culturally diverse and pluralistic faculty and staff committed to teaching and working in a multicultural environment. We strongly encourage applications from women, underrepresented ethnic groups, and individuals with disabilities.

***TEXAS, DALLAS 75083-0688.** The Department of Geosciences at The University of Texas at Dallas (UTD) seeks a new tenure-track faculty member at the rank of **assistant professor in the area of Geoinformatics**, although more senior candidates may be considered. This person will help anchor our Ph.D. programs in Geosciences and especially Geographic Information Sciences, an interdisciplinary initiative presently at the M.S. and expected soon to be at the Ph.D. level, a unique program shared by UTD's Schools of Natural Science and Math, Social Sciences, and Engineering and Computer Science. We anticipate rapid growth in this area. We look for a scientist with strong geoinformatic

skills and a keen interest to apply these to Earth's rapidly changing surface, for example geospatial information systems, frontier fields of remote sensing, 3-D digital geology and multi-dimensional, time lapse studies of surface or near-surface change. Research focus in fundable areas, such as environmental and hydrogeological studies, hydrology, geomorphology, neotectonics, land cover- land use, and planetary geoinformatics, is expected. The successful candidate will teach both undergraduate and graduate courses in their area of specialization and will supervise and help supervise M.S. and Ph.D. students, and is expected to start in Fall 2005.

UTD is a rapidly growing public university, with a talented student body of about 14,000 with mean entering freshmen SAT of >1200. We emphasize science and technology education and presently graduate the most students with computer science degrees in the nation. UTD is situated in the NE part of the Dallas/Fort Worth metroplex, with five million inhabitants and five major universities (UTD, UT-Arlington, Texas Christian University, Southern Methodist University, and University of North Texas).

Applicants are expected to hold a Ph.D. at the time of appointment and to have a strong commitment to building an externally funded research program as well as excellence in teaching of undergraduate, M.S. and Ph.D. students. This is one of several positions we anticipate filling over the next few years due to impending retirements. The successful candidate will play an important role in shaping the department during this transition. Applications, including statement of research and teaching objectives, curriculum vitae, and contact information for three references should be sent to the address below. DEC 04-331.

Apply: Academic Search #2070, The University of Texas at Dallas, P.O. Box 830688, M/S AD 23, Richardson, TX 75083-0688. Indication of sex and ethnicity for affirmative action statistical purposes is requested as part of the application but not required. Informal inquiries can also be made directly to rjsterm@utdallas.edu. Applications must be received before February 15, 2005 to receive fullest consideration. For more information, see: <http://www.utdallas.edu/dept/geoscience/>.

UTD is an Affirmative Action/Equal Opportunity Employer that is committed to fostering diversity in its student body, faculty and staff, and scientists of diverse backgrounds are strongly encouraged to apply.

TEXAS, DENTON 76203-5279. University of North Texas, P.O. Box 305279. Tenure-track, **Assistant Professor** beginning Fall 2005. The Department of Geography seeks an individual with demonstrated potential for excellence in teaching and research in **applied economic geography**. Preference will be given to candidates with interests in one or more of the following areas: market area and/or location analysis, retail or commercial real estate analysis, smart growth, or transportation geography. Ability to apply GIS and related techniques to research and teaching, and a capacity to work effectively in a dynamic, interdisciplinary environment, is also required. Teaching responsibilities will include developing a new course(s) that bridge existing offerings in economic and urban geography, and existing courses relating to the individual's expertise. PhD required at time of appointment. See www.geog.unt.edu for more information about the department. Send application letter including teaching philosophy and research interests, curriculum vita, teaching evaluations, and three letters of reference to the above address. UNT is an AA/ADA/EOE. NOV 04-211.

***UTAH, LOGAN 84322-5215.** The Department of Environment and Society, located in the College of Natural Resources at Utah State University, invites applications for a full-time (9-month), tenure-track position in **Human Geography or closely related field** at the **Assistant Professor** level, with expertise in an area of social science relevant to the human dimensions of natural resources and/or the environment. A Ph.D. at time of appointment is required. A strong interest in the sustainability of human and natural systems is desirable, along with competence in GIS or automated cartography. Applicants must have a strong commitment to undergraduate and graduate education, along with an extramurally-funded interdisciplinary research agenda leading to refereed publications. Teaching will include introductory courses in World Regional Geography and upper-division/graduate-level courses in the candidate's area of expertise. Service to the university and professional community commensurate with the land grant mission of the university is expected. Utah State University is a Carnegie Research Doctoral Extensive University, an affirmative action/equal opportunity employer, and was recently chosen as a National Science Foundation ADVANCE Gender Equity Program recipient. The University is sensitive to the needs of dual-career applicants and dedicated to

recruiting stellar candidates from a diverse pool including women, minorities, veterans and persons with disabilities. USU offers competitive salaries and outstanding medical, retirement and professional benefits.

Applicants should submit a cover letter describing their present research and teaching interests and experience, along with copies of any relevant publications, and a current resume with the names, addresses, phone numbers and e-mail addresses of three references. Screening will begin on 01 January 2005 and continue until a successful candidate is found. DEC 04-277.

For additional information, please contact: Dr. Clifford B. Craig, Search Committee Chair, Department of Environment and Society, College of Natural Resources, Utah State University, Logan, UT 84322-5215. 435-797-1370 (phone), 435-797-4048 (fax). e-mail: cbcraig@cc.usu.edu.

***VERMONT, MIDDLEBURY 05753.** Middlebury College seeks a **Visiting Instructor (ABD) or a Visiting Assistant Professor (Ph.D)** for a one year leave replacement. We seek a **broadly trained human geographer** who can teach the department's senior seminar in geographical thought and research design and who can contribute to the GIS/cartography curriculum. In addition, the candidate may teach courses in his or her areas of specialization. A strong commitment to undergraduate education is essential. Please send a letter of application, curriculum vitae, and three letters of recommendation at least two of which address teaching ability by January 10, 2005. Middlebury College is an equal opportunity employer, committed to hiring a diverse faculty to complement the increasing diversity of the student body. DEC 04-266.

Apply: Tamar Mayer, Chair, Department of Geography, Middlebury College, Middlebury, VT 05753.

***VIRGINIA, FAIRFAX 22030.** Assistant or Associate Professor of Geography. The Department of Geography at George Mason University's Fairfax campus, seeks applications for a new **tenure track position in socio-economic or urban systems geography**. Preference will be given to candidates whose interests enhance the existing programs of teaching and research in the department. Further details can be found on the department's web site: <http://geog.gmu.edu>. George Mason University, the largest university in Virginia, enjoys a proximity to the many resources of the nation's capital region.

Application should include a cover letter stating teaching and research experience, and

present fields of interest and activity; a current CV; and contact information for at least three referees. Send to the address below. DEC 04-234.

Apply: Chair, Search Committee, The Department of Geography, George Mason University, 4400, University Drive, MS 1E2, Fairfax, VA. 22030. Rank and salary will be commensurate with experience. Review of applications will begin February 1, 2005, and will continue until position is filled. GMU, an AA/EO institution, actively seeks diversity amongst faculty, staff, and students. The selection committee encourages applications from women, minorities, persons with disabilities, and veterans.

VIRGINIA, FAIRFAX 22030. The Department of Geography at George Mason University seeks applications for a tenure-track **assistant professor specialized in the geography of Central Asia**. Preference will be given to candidates whose research interests enhance the existing programs in the department. Currently the department has active research in the areas of land valuation in the urban fringe; the definition of ecological boundaries; and feature extraction from multi-sensor remote sensing data sets. There is a wide range of opportunities to develop interdisciplinary studies, research and programs, and the department is expanding its capability in the use and application of Geographic Information Science/Systems/Technology.

George Mason enjoys a proximity to the Washington D.C. area and access to the many resources of the nation's capital region. Northern Virginia is a rapidly expanding center for advanced technology and there are many opportunities to pursue research and collaborative development projects with local agencies, corporations and NGO's.

Applicants should send a statement of teaching and research experience and present fields of interest and activity; a CV; and contact information for at least three referees. NOV 04-220.

Apply to: Central Asian Search Committee Chair, The Department of Geography, George Mason University, 4400 University Drive, MS 1E2, Fairfax, VA. 22030. Applications will be accepted until the position is filled and screening will begin December 1, 2004. GMU is an AA/EO institution and actively seeks diversity amongst faculty, staff and students. The selection committee encourages applications from women, minorities, persons with disabilities and veterans.

WASHINGTON, BELLINGHAM 98228-1420. The Department of Environmental Studies: Policy, Planning, Education and Geography

invites applications for a tenure track position at the **assistant professor** level, beginning 9/05. Candidates must have demonstrated experience in the **geography of Canada** and provide evidence of their potential for teaching and research excellence in the area of **environment and resource geography**, with a focus on Canada-US resource and environmental policy. ABD in geography or related field required by 9/05. Ph.D. in geography or related environmental discipline strongly preferred. Courses to be taught will include Geography of Canada, Canada-US transboundary resource/environmental policy or sustainable development, as well as other introductory and advanced courses. The position requires active participation in Western's Center for Canadian-American Studies, which works closely with Huxley College of the Environment. View full announcement at <http://www.acadweb.wvu.edu/hr/Jobs/faculty.asp>. NOV 04-170.

Priority date: 12/1/04. AA/EOE.

***WASHINGTON, ELLENSBURG 98926.** Central Washington University. The Geography and Land Studies Department, a medium-sized department with a strong commitment to teaching, applied research, and public service, invites application for the following tenure track positions beginning in mid-September 2005.

Biogeographer (Assistant or Associate Professor) with a focus on mid-latitude ecosystems and expertise in related GIS/RS/GPS and field technologies. Teaching responsibilities include introductory physical geography, biogeography, geotechniques, regional geography, and a graduate Resource Management course. Preference given to applicants with research interests in western North American ecosystems and associated environmental change.

Resource Geographer (Assistant Professor) with a focus on natural resource management, policy, planning, and law. Teaching responsibilities include introductory geography, natural resource management and policy, regional geography, and a graduate resource policy and law course. Preference given to candidates with research interests in western North American watershed management, tribal sovereignty and treaty rights, political ecology, and/or human dimensions of environmental change.

Qualifications: PhD in Geography or allied discipline required by time of appointment. The department values dynamic applicants who 1) are committed to high quality teaching; 2) have the ability and desire to enhance student speaking, critical thinking, and writing skills; 3) involve

undergraduates and graduates in their research; and 4) have the potential for securing grant/contract funding.

To apply, send letter of application (specifying the position for which you are applying), vita, and the names, telephone numbers and addresses (email and postal) of three referees to the address below. DEC 04-278.

Apply: Search Committee, Geography and Land Studies Department, Central Washington University, 400 East University Way, Ellensburg, WA 98926. Screening begins 17 January 2005 and continues until candidates are selected.

The Geography and Land Studies Department supports the general education, Environmental Studies, Asian Studies, and Latin American Studies undergraduate programs, and the Resource Management graduate program. For more information, see the Geography and Land Studies Department's webpage: <http://www.cwu.edu/~geograph/>

CWU is an AA/EOE/Title IX Institution. For further information about CWU see www.cwu.edu.

WASHINGTON, SEATTLE 98195-4320. University of Washington, Seattle, WA. The Center for Statistics and the Social Sciences (CSSS) invites applications for a tenure-track **Assistant, Associate, or Full Professor**. The position will be joint between the Department of Statistics and a social science department (such as Anthropology, Economics, Geography, Nursing, Political Science, Public Policy, or Sociology). CSSS is an interdisciplinary center that fosters collaborative research between statistics and social sciences (www.csss.washington.edu). We seek a faculty member contributing at the cutting edge to the development of **statistical methodology relevant to the social sciences**. Duties include new course development, teaching, and methodological and collaborative research. Ph.D. required by date of appointment. Send CV and 3 letters of recommendation to the address below. NOV 04-179.

Apply: Nick Ganoulis, Administrator, CSSS, Box 354320, University of Washington, Seattle, WA 98195-4320. Priority will be given to applications received by December 1, 2004. The University of Washington is building a culturally diverse faculty and strongly encourages applications from women and minority candidates. AA/EOE.

***WISCONSIN, KENOSHA 53140.** Carthage College, Department of Geography. The Geography Department invites applications for a tenure-track **Assistant or Associate Professor** of

GIS Applications and Human Geography. The successful candidate will be expected to teach introductory courses in the department, courses in the candidate's specialty and in the College's core curriculum Heritage program. A broad range of subspecialties in GIScience or human geography are welcome. The position will begin in August 2005 and applicants should have a completed Ph.D. at the time of appointment.

Founded in 1847, Carthage is located on the shore of Lake Michigan, midway between Milwaukee and Chicago and offers quick urban access from the relaxed environment of a small city. The Carthage curriculum is designed to promote critical thinking while challenging students to express themselves effectively through a variety of media. More information can be found on the College website (<http://www.carthage.edu>).

Those who are interested in applying should send a cover letter outlining their teaching philosophy and research interests, three letters of recommendation, teaching evaluations, curriculum vitae and other supporting documents to the address below. DEC 04-263.

Apply: Professor Ruth Fangmeier, Chair, The Division of the Social Sciences, Carthage College, Alford Park Drive, Kenosha, WI 53140 E-mail: RFangmeier@Carthage.edu. Voice: 262-551-5482 Fax: 262-551-6208.

INTERNATIONAL

CANADA, BRITISH COLUMBIA, VANCOUVER V6B 5K3. The Urban Studies Program at Simon Fraser University wishes to appoint an **Associate Professor or Professor** effective May 1 or September 1, 2005. The appointee would serve an initial term as **Director of the Urban Studies Program** and would be located at Simon Fraser's Harbour Centre campus in Downtown Vancouver. We expect that this would be a joint appointment with an academic department appropriate for the appointee's disciplinary qualifications.

The Urban Studies Program is interdisciplinary and provides an opportunity to study the city and its functions from several perspectives. Its teaching program provides a strong foundation in various urban-related disciplines and emphasizes the application of these disciplines to real-world problems and situations. The Urban Studies Program currently offers a Graduate Diploma in Urban Studies and will introduce a Master of Urban Studies Program this year.

We are seeking a versatile and energetic person with demonstrated urban expertise to teach a

variety of graduate urban studies courses as well as contribute to the further development of this exciting new program, initially as Director. Applicants must have demonstrated excellence in research and effectiveness in teaching and should have an interest in program development and administration and community service.

All qualified candidates are encouraged to apply; however, Canadian citizens and Permanent Residents will be given priority. Simon Fraser University is committed to the principle of equity in employment and offers equal opportunities to qualified applicants.

Applicants should forward their curriculum vitae and a statement of interest to the address below. NOV 04-203.

Apply: Dr. John M. Munro, Director, Urban Studies Program, Simon Fraser University at Harbour Centre, 515 West Hastings Street, Vancouver, BC, V6B 5K3 or by e-mail to urban@sfu.ca. They should also arrange for three letters of reference to be sent to this address. Consideration of applications will commence on January 1, 2005 and will continue until the position is filled. This position is subject to final budgetary approval.

Information concerning the Urban Studies Program is available at: <http://www.sfu.ca/urban>.

For additional information please contact jmunro@sfu.ca or at 604-268-7887.

CANADA, ONTARIO, LONDON N6A 5C2. The Department of Geography at The University of Western Ontario invites applications for a position at the rank of **Assistant Professor** (probationary) in the area of **urban development and finance**. We seek an outstanding individual with demonstrated commitment to excellence in research and teaching. The candidate must have a Ph.D. and a record of scholarly activity. The candidate should be capable of supervising graduate student research, teaching graduate and undergraduate students, and conducting research in urban development and property finance. This is a joint appointment in the Department of Geography and in the Bachelor of Administrative and Commercial Studies Program (BACS) of the Faculty of Social Science. The BACS is an interdisciplinary program with students enrolled in four distinct areas of study: Finance and Administration; Organizational and Human Resources; Finance, Administration and Computer Science; and Commercial Aviation Management. The only program of its kind offered by a Canadian university, the BACS curriculum combines business studies with a strong foundation in the social sciences. We seek applicants whose interests

complement current departmental and program strengths. Duties will include teaching property finance and development feasibility studies in the Department of Geography's Honors Specialization in Urban Development, and finance at the undergraduate level in the BACS program. There are excellent opportunities for collaboration with existing geography and BACS faculty members as well as those in other academic units at the University of Western Ontario. The appointment will be effective July 1, 2005. Salary will be commensurate with experience. Further information about the Department of Geography and the BACS may be found at: <http://www.ssc.uwo.ca>. Applications, including a statement of research and teaching interests, current curriculum vitae and the names and addresses of three potential referees, together with their e-mail, fax and telephone numbers, should be sent to the address below. NOV 04-195.

Apply: Dr. Roger H. King, Professor and Chair, Department of Geography, Social Science Centre, The University of Western Ontario, London, Ontario, N6A 5C2, Canada. Tel: (519) 661-3653; Fax: (519) 661-3750. E-mail: king@uwo.ca.

The Appointments Committee will begin reviewing applications on December 17, 2004, although applications will be accepted until the position is filled. E-mailed and faxed applications will not be accepted. Applicants should have fluent written and oral communication skills in English. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. The University of Western Ontario is committed to employment equity and welcomes applications from all qualified women and men, including visible minorities, aboriginal people and persons with disabilities.

CANADA, ONTARIO, TORONTO M5S 3G3. Department of Geography and Program in Planning, University of Toronto, invites applications for a tenure-stream appointment in the field of **Urban Geography**. This is a position with expertise in contemporary cities, with priority given to applicants who specialize in one or more of metropolitan development, social inequalities and social-spatial polarization. An interest in North American cities would be an asset. The appointment will be at the rank of **Assistant Professor** and will begin on July 1, 2005.

The appointee would be expected to contribute to graduate teaching and supervision and undergraduate teaching. The successful candidate will be expected to develop an

externally funded research program. The successful candidate must have a Ph.D. in geography or a closely related discipline, an established record of high quality scholarly research and publication, and a demonstrated commitment to excellence in teaching. Additional information on the Department can be obtained through the World Wide Web at <http://www.geog.utoronto.ca/>.

Please send applications to the address below. NOV 04-201.

Apply: Professor Joseph R. Desloges, Chair, Department of Geography and Program in Planning, University of Toronto, 100 St. George Street, Toronto, Ontario, Canada M5S 3G3. Applications should include a curriculum vitae, a statement outlining current and future research interests, examples of publications, and materials relevant to teaching experience. Applicants should also ask three referees to write letters directly to Professor Desloges. Materials must be received by January 10, 2005 (no e-mail applications will be accepted).

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

CANADA, ONTARIO, TORONTO M5S 3G3. The Department of Geography and Program in Planning, University of Toronto, invites applications for a tenure-stream appointment in the field of **Physical Geography**. The appointment will be at the rank of **Assistant Professor** and will begin on July 1, 2005. We seek candidates with expertise in physical geography and with interests in landscape processes and/or paleoenvironments. Field, laboratory and experimental approaches are an important asset and would complement the Department's considerable strength in these areas.

The successful candidate will be expected to develop an externally funded research program and undertake graduate supervision and teaching. Teaching at the undergraduate level will be in

both B.Sc. and B.A. programs. The successful candidate must have a Ph.D. in geography or a closely related discipline, an established record of high quality scholarly research and publication, and a demonstrated commitment to teaching. Additional information on the Department can be obtained through the World Wide Web at <http://www.geog.utoronto.ca/>.

Please send applications to the address below. NOV 04-202. Apply: Professor Joseph R. Desloges, Chair, Department of Geography and Program in Planning, University of Toronto, 100 St. George Street, Toronto, Ontario, Canada M5S 3G3. Applications should include a curriculum vitae, a statement outlining current and future research interests, examples of publications, and materials relevant to teaching experience. Applicants should also ask three referees to write letters directly to Professor Desloges. Materials must be received by January 10, 2005 (no e-mail applications will be accepted).

The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, members of sexual minority groups, and others who may contribute to the further diversification of ideas. We offer opportunities to work in many collaborative programs, including Aboriginal, Canadian, environmental, ethno-cultural, sexual diversity, gender and women's studies. The University of Toronto offers the opportunity to teach, conduct research and live in one of the most diverse cities in the world.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

CANADA, ONTARIO, TORONTO L5L 1C6. The Department of Geography, University of Toronto at Mississauga, invites applications for a tenure-stream **assistant professor** position in **spatial analysis** with specialization in one or more of the following fields (listed in alphabetical order): development, environment, health, transportation. A regional interest in Asia or Africa would be an asset. The candidate is expected to take up the position on July 1, 2005.

The appointment is at the University of Toronto at Mississauga, which has an interdisciplinary commitment, a multicultural student body, and a modern, spacious campus, where the appointee will be expected to develop an externally funded research program.

The successful candidate will have a graduate appointment in the Department of Geography and Program in Planning, University of Toronto. We expect a strong contribution to the GIS program and active participation in the geography and environmental undergraduate programs as well as in the geography and planning graduate programs. Preference will be given to candidates whose research and teaching interests combine scholarly and applied work.

The successful candidate must have a PhD in geography or a related discipline, and demonstrated potential for high quality scholarly research and publication, and a commitment to excellence in teaching.

Additional information on the Department can be obtained through the World Wide Web at <http://geog.utm.utoronto.ca/> and <http://www.geog.utoronto.ca/>.

Any inquiries about the application should be sent to fcs@geog.utoronto.ca.

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

The deadline for submission of applications is December 1, 2004.

Candidates should send a current Curriculum Vitae, brief statements of teaching specializations and research interests, copies of selected reprints to the address below. Applicants should also ask three referees to send letters of recommendation under separate cover. NOV 04-169.

All correspondence should be sent to: Ferenc Csillag, Chair, Department of Geography, University of Toronto at Mississauga, 3359 Mississauga Road, Mississauga, ONT L5L 1C6, Canada.

Please note that no e-mail applications will be accepted.

***CANADA, ONTARIO, WINDSOR N9B 3P4.** The University of Windsor invites applications for a tenure-track **faculty position** in the Department of Political Science in **political geography** with a specialization in International Relations and/or Comparative Politics at the rank of Assistant Professor commencing July 5, 2005. This position is subject to final budgetary

approval. The candidate must have a research and teaching interest in environmental studies, including natural resource management and/or policies and other interdisciplinary issues, such as Canada-US transboundary resource/environment or sustainable development.

To view full ad, please see www.uwindsor.ca/facultypositions. DEC 04-244.

CANADA, QUEBEC, MONTREAL H3C 3J7.

As part of its research and training axis in development studies, the Département de géographie de l'Université de Montréal solicits candidates to fulfill a tenure track position at the **assistant professor** level in **human geography**, effective June 1st 2005 (subject to budgetary approval).

The Department is particularly interested in candidates in the geography of development preferably with a solid expertise in one of the following areas: culture, environment or governance. The candidate must demonstrate a high potential for integration within the research and training activities of the Department. A regional expertise

on Latin America, Africa or Asia is an asset. The candidate must be able to teach at all three levels of the curriculum, advise graduate students and develop an original and dynamic research program.

Candidates must possess a PhD in Geography or in a related discipline, demonstrate excellent abilities for teaching and research as. At the Université de Montréal, lectures are given in French and a good grasp of the language is required. The Université provides courses for newly appointed professors who would wish to improve their abilities to speak French. For more information concerning the activities of the Département de géographie, please see our web site at: www.geog.umontreal.ca.

The Université de Montréal offers a competitive salary and a complete range of fringe benefits.

Interested persons must send, no later than January 14th 2005, an application package including a curriculum vitae, a detailed description of their research program (2-3 pages), off-prints of their most important research contributions and ask three referees to send

a letter of recommendation. Submissions by email will not be accepted. The complete package must be sent to the address below. NOV 04-222.

Apply : André Roy, Directeur, Département de géographie, Université de Montréal, C.P. 6128, succursale Centre-ville, Montréal (QC), Canada H3C 3J7. Telephone : (514) 343-8012. Fax : (514) 343-8008. E-mail: andre.roy@umontreal.ca.

In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents of Canada. The Université de Montréal subscribes to an affirmative action program for women and to employment equity.

The selection process of the Université de Montréal gives access to submitted files to all regular professors of the Department unless the candidate explicitly states that access to the file should be limited to the selection committee in her or his covering letter. In all cases this restriction on accessibility will be lifted if the candidate is invited for an interview.

New Appointments

University of Arizona, beginning January 2005, Associate Professor, Paul Robbins. PhD, 1996, Clark University.

Hunter College-CUNY, Assistant Professor, Frank Buonaiuto, Jr. PhD, 2003, SUNY-Stony Brook.

Illinois State University, Assistant Professor, Amy M. Bloom. PhD, expected 2005, University of Utah.

University of North Alabama, Assistant Professor, Francis T. Koti. PhD, 2004, West Virginia University.

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

Grants and Competitions

U.S. Community Forestry Research Fellowships

The U.S. Community Forestry Research Fellowship Program provides fellowships to graduate students to support their field work in communities in the U.S. The awards are up to \$15,000 for dissertation fellows, up to \$7,000 for master's fellows, and \$2,000 for pre-dissertation fellows.

The program accepts proposals dealing with the broad array of issues and resources in community forestry. Fellows must be enrolled in a degree-granting program at an institution of higher learning, engage in research that deals

directly with or is explicitly relevant to U.S. forest communities, and perform field work that is participatory—working actively with members of the community in which they are conducting research.

For details about the program and information on how to apply visit www.cnr.berkeley.edu/community_forestry/ or contact Carl Wilmsen, CFRF Program Coordinator, College of Natural Resources, 101 Giannini Hall #3100, University of California, Berkeley, Berkeley, CA 94720-3100. Email cffellow@nature.berkeley.edu. Applications must be received by February 1, 2005.

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- Allen, Patricia. *Together at the Table: Sustainability and Sustainance in the American Agrifood System*. University Park, PA: Penn State Press, 2004. 260 and 10 pp., n.p., ISBN 0-271-02473-9.
- Arreola, Daniel D., ed. *Hispanic Spaces, Latino Places: Community and Cultural Diversity in Contemporary America*. Austin, TX: University of Texas Press, 2004. 334 and 8 pp., \$19.99, ISBN 0-292-70562-X.
- Bonta, Mark and John Protevi. *Deleuze and Geophilosophy: A Guide and Glossary*. Edinburgh, UK: Edinburgh University Press, 2004. 214 and 10 pp., \$29.50, ISBN 0-7486-1839-2.
- Boogaart, Thomas A. *An Ethnogeography of Late Medieval Bruges: Evolution of the Corporate Milieu, 1280-1349*. Lewiston, NY: Edwin Mellen Press, 2004. 509 and 22 pp., \$139.95, ISBN 0-7734-6421-2.
- Breen, Ann and Dick Rigby. *Intown Living: A Different American Dream*. Westport, CT: Praeger, 2004. 285 and 12 pp., \$69.95, ISBN 0-275-97591-6.
- Carr, Mike. *Bioregionalism and Civil Society: Democratic Challenges to Corporate Globalism*. Vancouver: University of British Columbia Press, 2004. 332 and 8 pp., Can\$29.95, ISBN 0-7748-0945-0.
- Coleman, Annie Gilbert. *Ski Style: Sport and Culture in the Rockies*. Lawrence, KS: University Press of Kansas, 2004. 299 and 12 pp., \$29.95, 0-7006-1341-2.
- Dege, William. *War North of 80: The Last German Arctic Weather Station of World War Two*. Boulder, CO: University Press of Colorado, 2004. 361 and 35 pp., \$39.95, ISBN 0-87081-768-X.
- Dunmire, William W. *Gardens of New Spain, How Mediterranean Plants and Foods Changed America*. Austin, TX: University of Texas Press, 2004. 375 and 18 pp., n.p., ISBN 0-292-70564-6.
- Egan, Timothy. *Wild Seattle: A Celebration of the Natural Areas in and Around the City*. San Francisco: Sierra Club Books, 2004. 180 pp., \$35.00, ISBN 1-578-5-111-8.
- Evans, David A. & Benn, Douglas I. *A Practical Guide to the Study of Glacial Sediments*. London: Arnold, 2004. 266 and 8 pp., \$19.99, ISBN 0-340-75959-3.
- Fanet, Jacques. *Great Wine Terroirs*. Berkeley, CA: University of California Press, 2004. 239 pp., \$39.95, ISBN 0-520-23858-3.
- Freidberg, Susanne. *French Beans and Food Scares: Culture and Commerce in an Anxious Age*. New York: Oxford University Press, 2004. 269 and 11 pp., \$24.95, ISBN 0-19-516961-1.
- Garcia, Juan Sanchez, ed. *Toma de Decisiones Colectivas y Política del Suelo: Estudios de Caso en Tenerife*. Madrid: Fundacion Cesar Manrique, 2004. 258 pp., n.p., ISBN 84-88550-53-7.
- Hayes-Bautista, David E. *La Nueva California: Latinos in the Golden State*. Berkeley, CA: University of California Press, 2004. 263 and 23 pp., \$21.95, ISBN 0-520-24146-0.
- Ives, Jack D. *Himalayan Perceptions: Environmental Change and the Well-Being of Mountain Peoples*. London and New York: Routledge, 2004. 271 and 21 pp., \$120.00, ISBN 0-415-31798-3.
- Kramsch, Oliver and Barbara Hooper, eds. *Cross-Border Governance in the European Union*. London and New York: Routledge, 2004. 236 and 15 pp., \$100.00, ISBN 0-415-31541-7.
- Lee, Roger and David M. Smith, eds. *Geographies and Moralities: International Perspectives on Development, Justice and Place*. RGS-IBG Book Series. Malden, MA: Blackwell, 2004. 312 and 24 pp., \$39.95, 1-4051-1637-4.
- Martin, Seelye. *An Introduction to Ocean Remote Sensing*. New York: Cambridge University Press, 2004. 426 and 28 pp., \$75.00, ISBN 0-521-80280-6.
- Matthews, John and David T. Herbert, eds. *Unifying Geography: Common Heritage, Shared Future*. London and New York: Routledge, 2004. 402 and 14 pp., \$34.95, ISBN 0-415-30544-6.
- Meinig, D.W. *The Shaping of America: A Geographical Perspective on 500 Years of History. Volume 4: Global America, 1915-2000*. New Haven, CT: Yale University Press, 2004. 467 and 16 pp., \$45.00, ISBN 0-300-10432-4.
- Ostergren, Robert C. and John G. Rice. *The Europeans: A Geography of People, Culture, and Environment*. New York: Guilford, 2004. 386 and 13 pp., \$50.00, ISBN 0-89862-272-7.
- Oxford Atlas of the World*. 12th rev. ed. New York: Oxford University Press, 2004. 305 and 9 pp., \$80.00, ISBN 0-19-522147-8.
- Pavlovich-Kochi, Vera, Barbara J. Morehouse, and Doris Wastl-Walter, eds. *Challenged Borderlands: Transcending Political and Cultural Boundaries*. Burlington, VT: Ashgate, 2004. 302 and 19 pp., \$94.95, ISBN 0-7546-4093-0.
- Rumley, Dennis and Sanjay Chaturvedi, eds. *Geopolitical Orientations, Regionalism and Security in the Indian Ocean*. New Delhi: South Asian Publishers, 2004. 320 and 14 pp., n.p., ISBN 81-7003-281-4.
- Simone, Abdou Maliq. *For the City Yet to Come: Changing African Life in Four Cities*. Durham, NC: Duke University Press, 2004. 297 and 10 pp., \$23.95, ISBN 0-8223-3445-3.
- Staeli, Lynn, Eleonore Kofman, and Linda J. Peake, eds. *Mapping Women, Making Politics: Feminist Perspectives in Political Geography*. London and New York: Routledge, 2004. 319 and 7 pp., \$28.95, ISBN 0-415-93449-4.
- Stock, Robert. *Africa South of the Sahara: A Geographical Interpretation*. 2nd rev. ed. New York: Guilford, 2004. 477 and 12 pp., \$60.00, ISBN 1-57230-868-0.
- Swinchatt, Jonathan and David G. Howell. *The Winemaker's Dance: Exploring Terroir in the Napa Valley*. Berkeley, CA: University of California Press, 2004. 229 and 14 pp., \$34.95, ISBN 0-520-23513-4.
- White, George W. *Nation, State, and Territory: Origins, Evolutions, and Relationships, Volume 1*. Lanham, MD: Rowman & Littlefield, 2004. 289 and 11 pp., \$75.00, ISBN 0-7425-3025-6.
- Wishart, David J., ed. *Encyclopedia of the Great Plains*. Lincoln, NE: University of Nebraska Press, 2004. 919 and 18 pp., \$75.00, ISBN 0-8032-4787-7.
- Wolch, Jennifer, Manuel Pastor, Jr., and Peter Dreier, eds. *Up Against the Sprawl: Public Policy and the Making of Southern California*. Minneapolis: University of Minnesota Press, 2004. 401 and 11 pp., \$24.95, ISBN 0-8166-4298-2.

2004

DECEMBER

3-4. Specialist Meeting on Spatial Webs. Santa Barbara, CA. www.ncgia.ucsb.edu.

9. AAG Holiday Open House. Washington, DC. See ad page 12.

13-17. American Geophysical Union Fall Meeting. San Francisco, CA. www.agu.org/meetings/fm04/.

20. International Conference on Environmental Hazards and Geomorphology in Monsoon Asia. Hat Yai, Thailand. Contact tamura@ris.ac.jp.

2005

JANUARY

23-26. First International Conference on Environmental Science and Technology. New Orleans, LA. www.AASci.org/conference.

FEBRUARY

3-4. 5th National Conference on Science, Policy and the Environment: Forecasting Environmental Changes. Washington, DC. www.ncseonline.org/NCSEconference/.

17-21. American Association for the Advancement of Science Annual Meeting. Washington, DC. www.aaas.org/meetings/Annual_Meeting/.

MARCH

6-9. GITA Annual Conference 28. Denver, CO. www.gita.org/events/annual/28/call.html.

16-20. Annual Meeting of the American Society for Environmental History. Houston, Texas. www.h-net.org/~environ/ASEH/conferences.html.

21-25. Towson University GIS Conference. Towson, MD. <http://cgis.towson.edu/tugis2005/>.

APRIL

5-9. **AAG 101st Annual Meeting.** Denver, CO. www.aag.org.

13-16. Western Social Science Association 47th Annual Meeting. Albuquerque, NM. <http://wssa.asu.edu>.

14-15. 36th Annual South Dakota State Geography Convention. Brookings, SD. www3.sdstate.edu/Academics/CollegeofArtsAndScience/Geography/Index.cfm.

14-17. Annual Meeting of the National Council on Public History. Kansas City, MO. www.ncph.org.

22-24. California Geographical Society Annual Conference. Yosemite, CA. <http://cgs.csusb.edu/AnnualMeeting.htm>.

MAY

30-June 2. GIS Planet 2005. Lisbon, Portugal. www.gisplanet.org.

JUNE

1-5. 54th Annual Meeting of the Canadian Association of Geographers. University of Western Ontario, London, Canada. www.geography.ssc.uwo.ca/cag05.

8-10. 62nd Eastern Snow Conference. Waterloo, Ontario, Canada. www.easternsnow.org/.

JULY

16. 21st International Conference on the History of Cartography. Budapest, Hungary. <http://lazarus.elte.hu/~zoltorok/ichc/index.htm>.

25-29. ESRI International User Conference. San Diego, CA. www.esri.com/events/uc/.

AUGUST

1-3. GeoComputation. Ann Arbor, MI. <http://igre.emich.edu/geocomputation2005/>.

13-16. American Sociological Association. Philadelphia, PA. www.asanet.org/.

31-September 2. Royal Geographical Society with IBG Annual Conference. London, U.K. www.rgs.org/AC2005.

SEPTEMBER

7-9. EnviroInfo. Brno, Czech Republic. www.enviroinfo2005.org.

22-24. **AAG Great Plains/Rocky Mountain Division Meeting.** Laramie, WY. www.uwyo.edu/geog.

29-October 2. 16th Festival International de Géographie. Saint-Dié-des-Vosges, France. www.ville-saintdie.fr/.

OCTOBER

12-15. National Council on Geographic Education Conference. Birmingham, AL. www.ncge.org/.

19-20. **Pacific Coast Division Meeting.** Phoenix, AZ. Contact Dan Areola at olusegunareola@yahoo.com.

20-23. National Conference on Planning History. Miami, FL. www.urban.uiuc.edu/sacrph/index.html.

26-28. Conference of Latin Americanist Geographers 2005 Conference. Morelia, Michoacán, México. <http://sites.maxwell.syr.edu/clag/clag.htm>.

NOVEMBER

2-5. 28th Annual Applied Geography Conference. Washington, DC. www.appliedgeog.org/html/main.htm.

3-5. **West Lakes Division Meeting.** Iowa City, IA. Contact Rex Honey at rex-honey@uiowa.edu.

20-22. **Southeast Division Meeting.**

2006

7-11 **March. AAG 102nd Annual Meeting.** Chicago, IL. www.aag.org.

3-7 July. IGU Regional Congress. Brisbane, Australia.

2007

17-21 **April. AAG 103rd Annual Meeting.** San Francisco, CA. www.aag.org.

2008

15-20 **April. AAG 104th Annual Meeting.** Boston, MA. www.aag.org.

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