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AP Human Geography: Trickle-Up Effects on Collegiate Geography

In 1996, the College Board, a national non-profit association dedicated to facilitating the transition from high school to college, added human geography to its Advanced Placement (AP) program. The AP program offers high school students the opportunity to take introductory college courses and receive college credit if they score well on a national exam administered each spring. The exam is made up by a committee consisting of high school teachers and college professors and is designed to capture students' ability to do college-level academic work. AP Human Geography (APHG) establishes geography as a core discipline in American higher education and exposes some of the best and brightest students in the nation to geography at an early point in their educational careers.

The first APHG exam was administered in 2001, following a five-year period of teacher preparation and test development. The test has grown steadily from 3,272 exams in 2001 to 5,286 in 2002, 7,320 in 2003, and 10,471 in 2004. Now, after four years of administering the exam and eight years of preparing teachers for and educating the discipline about APHG, we have a clearer picture of what this exam means for geography and of the challenges that lie ahead as we seek to expand the program. APHG has increased the cohort of students who arrive at colleges and universities with high-level geographic training (Bailey, 2003). For the first time in several generations, geographers report the existence of incoming majors and incoming students who know and can use rudimentary geographic ideas such as site versus situation, scale,

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AAG Annual Meeting Field Trips

As you make plans for the AAG Annual Meeting in Denver, don't miss out on the unique opportunity to explore the region through field trips and discover the rich historical, cultural, and physical geography of the U.S. West. This article describes a few of the incredible field trips being offered. Full descriptions of each fieldtrip are posted at www.aag.org/annualmeetings/Denver2005/spevents.cfm, along with information on workshops and special events being held at the meeting.

Learn about the world's largest map depository at the USGS Rocky Mountain Mapping Center. Over fifty million maps, books, and CDs are housed in a seventeen-acre facility. And peek inside the USGS Spatial Data Production Facility, the

National Ice Core Laboratory, and the Rock Core Research Center, the nation's largest single rock core depository, where 1.5 million linear feet of granite, oil shale, and other rock core are analyzed for earth processes and energy research.

A four-day tour exploring Colorado's Ute Legacy (sponsored by the Indigenous Peoples Specialty Group) will take participants into the stunning southwest corner of Colorado and high into the San Juan Mountains, to provide a look at the physical geography, history, culture, and current economic and social challenges faced by the Ute Indians. Included in the tour are guest presentations by Ute women famous for their traditional crafts, visits to the Ute Cultural

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Annual Meeting field trip themes include the Garden of the Gods, Colorado's Ute Legacy, Jack Kerouac in Denver, and the Grand Canyon (above).

Photo courtesy of the National Park Service

AAG Annual Meeting Registration form. See page 6

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When your address changes, please notify the Association office immediately. Six weeks notice is necessary to insure uninterrupted delivery of AAG publications. To assist the AAG office in your address change, include the address label with your change of address.

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New Year's Reflections...and Resolutions

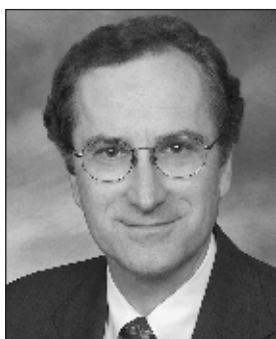
Two thousand four has been a remarkable year for geography and the AAG. We have celebrated our Centennial Anniversary in high style and with scintillating substance all year long, headlined by a most memorable centennial gathering of over 5,000 geographers from around the world in Philadelphia. There was something for everyone at that wonderful meeting—which is just the way it should be in a discipline as rich and diverse as ours.

The centennial meeting encompassed so many extraordinary events that it is hard to cite any one highlight, but my own personal favorite was the experience of introducing back-to-back during the opening session, NSF Director Rita Colwell's excellent keynote presentation, "The New Landscape of Science: A Geographic Portal," followed immediately by the superb world premier performance by the Rittenhouse String Quartet of the classical music piece, "Scenes From A River" composed especially for the AAG's Centennial by David McKee. To me, this union of stellar science and exquisite music encapsulated the dynamic range of our discipline and the creative and synergistic integration that geographers can achieve across that range.

The year 2004 also marked major steps forward at the AAG in establishing a solid financial and organizational foundation needed to meet the challenges¹ our discipline faces in the years ahead as we work to create a more central place for geography in society and the university. Financially, the AAG formally retired all its debt in 2004 and posted the second consecutive year of very strong financial performance, while at the same time initiating many new programs.

Work has also now been completed on the new computerized online membership management system and the online meeting

registration and abstract submission system infrastructures at the AAG, and new applications and benefits of these online system infrastructures are now being realized across the board, from specialty group listserves to our large annual meetings, and from publications to international outreach activities. Substantial cost savings and new efficiencies have also been achieved with these management systems.



Richardson

2004 also saw significant increase and re-orientation of our educational and international outreach efforts, through expansion of the "My Community, Our Earth—Geographic Learning for Sustainable Development" project, through continued support for and participation in the International Geographical

Union meetings and other international exchange activities, as well as the AAG's innovative "Online International Education" program, and an array of new NSF and Department of Education funded projects and proposals, increasingly focused on higher education as well as secondary education.

A new AAG Office of Public Policy, established this past year, also means that geography now has eyes, ears and a voice on Capitol Hill and within the federal agencies whose policies can so directly impact our future. The building and training of a new AAG core staff with the professional and technical skills necessary for the 21st century has also progressed well during 2004, and internal work flows continue to be carefully analyzed and defined to increase efficiency and to ensure continuity of operations as normal staff turnover occurs in the future. I am also very pleased to report that our programs to increase AAG membership have produced record membership in our association of

Continued on page 5

We Are All the AAG

I have just completed my visits to the regional division meetings of the AAG, which I greatly enjoyed. I have engaged in many conversations about our Association and have heard both your overwhelming appreciation for the many accomplishments of the staff in DC, as well as constructive suggestions about what we can do better. In this column I make two points about our Association: first that the AAG is strong, and second, as Doug Richardson recently pointed out, that *we are all the AAG*. I often hear "...the AAG should do 'X'" and while these are often excellent ideas, we might stop to think how we can take advantage of the initiatives and frameworks for action that the AAG is already providing to help accomplish that "X."

Let me begin by telling you about the strength and accomplishments of our Association in this past year. In short, the AAG is thriving. We now have over 9,000 individual members at the end of 2004, a growth of over 2,000 members from our 1990s average. We have over 3,400 abstracts submitted to our annual meeting in Denver, which is in line with the strong registration we had for our centennial meeting in Philadelphia. The finances of the AAG are robust, thanks both to careful management and to concerted efforts to bring in new grants and contracts, and gifts for the Advancing Geography Fund. Indeed, thanks to your generosity, and the tireless efforts of our Executive Director Doug Richardson to reach beyond our membership, the Advancing Geography Fund is nearing \$1 million, and we will continue to build towards a second million. This fund will put our Association on a strong footing into the future, and will allow us to provide a broad range of services to our membership. Primary among these is ensuring the health and vitality of the full range of work in our discipline.

How are these resources being used? Part of the answer to this question, is to note that we have an excellent and dedicated staff at Meridian Place in DC who are making a broad range of contributions to geography. Specifically as we begin 2005,

the scope of our AAG extends beyond the specific services we often think of, such as publishing journals and hosting our annual meeting. The AAG also continues its longstanding emphasis on supporting K-12 education and there are new efforts to strengthen post-secondary education through initiatives building from the Geography Faculty Development Alliance led by Ken Foote and Michael Solem. So for example, recent AAG education proposals aim to support geography departments in preparing successful future faculty members. In addition to these invaluable services, the AAG is deeply involved in representing and advocating for geography in a range of arenas. For example, officers and executive staff of the Association work with administrators in our colleges and universities, with other disciplinary societies, with the National Science Foundation, National Research Council, and with countless government agencies such as the Departments of Education and Labor and the USGS.

A great example of this emphasis on public policy outreach and advocacy is the "AAG Washington Monitor" column in our newsletter, which reports on the work of the AAG's new Office of Public Policy, headed by John Wertman. This office informs us of federal legislative activity of importance to geography in the arenas of science and education policy. This work raises our awareness of federal policy debates on issues such as funding for the National Science Foundation and reauthorization of the Higher Education Act so that we are informed and can take an active role in advocating for our interests. This is just one example of the ways in which our Association is working to both advocate directly for geography, and also to provide information and a network through which we, as the embodiment of the AAG, can also be actively involved.

Another series of outreach initiatives serve both to unite constituencies within

geography, and also to position us in institutions and audiences beyond our discipline. For example, the Race/Ethnicity and Place Conference in September 2004 brought together over 300 scholars from a range of disciplines to discuss geographies of race/ethnicity (see Doug Richardson's column, November 2004). At the same time, this conference showcased geographical research to faculty and administrators at Howard University in Washington, DC, and brought together the AAG Diversity Task Force to learn from colleagues at Howard about the role that geography might play in historically minority institutions across the U.S. In addition, the AAG has sponsored two Mapping the News Conferences which showcased for journalists the power of geographical analysis and well-executed



Lawson

maps for achieving greater depth and sophistication in news reporting. These conferences contribute to Alec Murphy's goal of more fully integrating geographical analysis into public debate. In all these efforts, the AAG is working to reach out across the full range of intellectual work in the discipline. Other examples of include the AAG collaboration with NCGIA, UCGIS, and AGILE to mount the GIScience conference; the work of incoming Vice President Dick Marston to form a working group to consider how the AAG can better serve colleagues in physical geography; and Doug Richardson's current efforts to develop and secure funding for a "Geography and the Humanities" symposium.

When we talk about what the AAG can do better, I would argue that in many respects we are talking about what we ourselves can do. I say again, we are all the AAG, literally our Association is as strong as we make it. The Association is making great strides for geography, and has demonstrated clearly a commitment to

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The National Centre for Geocomputation at the National University of Ireland, Maynooth

The National Centre for Geocomputation (NCG) is a new research center at the National University of Ireland, Maynooth (NUIM) which began operation in September 2004. A research fellowship awarded to A. Stewart Fotheringham by Science Foundation Ireland (SFI), currently funds nine personnel plus a large number of affiliates drawn from both within and outside NUIM.



Fotheringham

Geocomputation is a recent term coined to encompass a set of new and rapidly expanding research areas tied together by their use of spatial data. It involves the collection, storage, manipulation, visualisation, and analysis of spatial data and has applications in a multitude of areas. The NCG thus provides an academic "meeting ground" for researchers in subjects such as geography, computer science, statistics, and a variety of other fields and has strong links with the National Institute for Regional and Spatial Analysis, directed by Rob Kitchin.

The NCG is currently engaged in a variety of projects which range across the theory and practice of geocomputation, including the continued development of Geographically Weighted Regression (GWR). Another project is concerned with the derivation of small areas for the reporting of census data and as building blocks for the creation of other reporting areas. Other work in the NCG covers the development of a

Web-based user-friendly interface for the retrieval of Irish census data—this allows researchers to devote the maximum time to issues of importance and the minimum to data extraction. Other work in the area of spatial modelling includes the creation of a number of standard datasets with known spatial and correlation structures for the evaluation of spatial modelling methodologies. There are several collaborative projects in the areas of spatial epidemiology, fluvial processes and pollution studies as well as work in virtual reality and spatially encoded digital video.

In addition to funding from SFI, the NCG also recently became an eSpatial National Centre of Excellence in Enterprise

GIS Solutions and has received €2.3 million in software and training from eSpatial Solutions Ltd. In addition, it is receiving support from ESRI-Ireland through various projects which also involve donations of software. The NCG has also been successful in receiving a supplemental equipment grant from SFI of €141,000 which will help it develop a high-end GIS-based graphics and visualisation lab. Additionally, with the National Institute for Regional and Spatial Analysis, the NCG has recently received a grant of €30,000 from the Department of the Environment to undertake a pilot project into the designation of small areas which could act as the atomic units for reporting various spatial data within Ireland.

The NCG has funding for various types of activities such as seminars, conferences, workshops and for hosting visitors. It also has funding for PhD students and postdoctoral fellows. Anyone interested in receiving further information about the NCG should contact: National Centre for Geocomputation, John Hume Building, National University of Ireland, Maynooth, Maynooth, Co Kildare, Ireland. Phone: +353 (0)1 708 6455, email: ncg@may.ie, or online at www.nuim.ie/ncg.

New AAG Employee Gayathri Gopiram

Gayathri Gopiram joined the AAG as a Software Intern and assumed the title of Software Engineer in October 2004. She completed a BE in Electronics and Telecommunications (University of Bombay, India) and an MS in Telecommunications (University of Maryland, College Park), and is pursuing a PhD in Operations Research. She plans to continue her studies part-time, while working on Web design and development, software application development, and database design at the AAG. Gayathri



Gopiram

hopes to contribute to the Association by improving outreach and increasing the quality of online member benefits. Outside of the office, she enjoys playing badminton, reading, and spending time with her Chesapeake Bay Retriever named Crush.

AAG Specialty/Affinity Group Listserves

The AAG Specialty/Affinity Group Listserves are up and running. As described in the Doug Richardson's column in the October 2004 *AAG Newsletter* (page 2), numerous improvements of specialty group organization and communication are underway.

The listserv option is available to all specialty groups and offers a terrific tool for getting information to members quickly and easily, and for facilitating interactions among them. To learn if your SG will take part, login to the AAG website www.aag.org and click on "My Communities."

For questions regarding the system, please contact Gayathri Gopiram at ggopiram@aag.org.

NRC Assessment of Research Doctoral Programs Delayed

The National Research Council (NRC) assessment of research doctoral programs, whose original design specified collecting data from universities beginning in July of 2005, will be postponed a year due to a delay in funding. The funding plan for the project had

envisioned raising 75% of its support from federal agencies and 25% from private foundations. Although the NRC has succeeded in raising the anticipated private funding, the public funding has not yet been achieved, due in large part to the delay in approval of the federal budget for

FY 2005. The NRC regrets this delay and asks the forbearance of the nation's research universities, many of which had gone to considerable lengths to prepare to provide data for the study in 2005.

New Year's Reflections from page 2

9,000 individual members in 2004 (see figure below), plus another 1,500 institutional members, primarily libraries.

Resolutions

But a new year is not satisfied with reflection on the past year alone, it requires resolutions about the future as well. So what are my New Year's resolutions? Here are a few of them:

Let's do more of the same to continue to strengthen our Association's membership, financial foundations, annual meetings, and publications, and let's all work together to improve these core programs at every opportunity. Let's find new ways to support geography's academic programs and to expand its outreach to society, to other disciplines, to policy makers, and to engage the larger intellectual

enterprise of which we are an integral and essential part.² Let's continue to represent the needs and interests of geographers from all corners of our diverse discipline. New efforts are already planned for 2005 for programs to support physical geography and for a symposium to explore ways of expanding the growing interaction between geography and the humanities. Bolstering geographic science and interdisciplinary geographic research programs at NSF, USGS, AAAS, and other leading science institutions will be a continuing priority, as will nurturing to success our many new AAG initiatives such as the Diversity Task Force, the Senior Associates program, the Healthy Departments Workshops, our public policy activities, and many others. Remembering to appreciate the hard

work of our excellent staff at the AAG, and thanking our members for the wonderful opportunity to work with you all, however, will be at the top of my list. Oh, there is one other New Year's resolution: after two years without one, I intend to take a real vacation sometime in 2005.

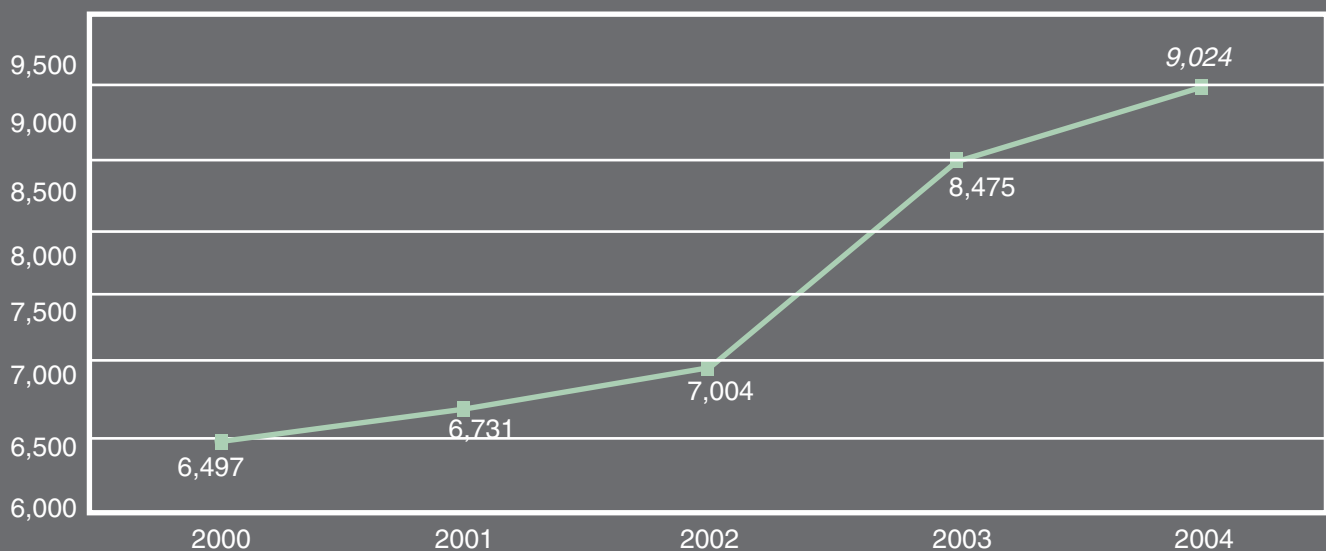
Doug Richardson
drichardson@aag.org

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¹Richardson, Douglas. 2002. Challenges facing the AAG. *AAG Newsletter* 37 (8):2-4.

²Richardson, Douglas and P. Solís. 2004. Confronted by insurmountable opportunities: Geography in society at the AAG's centennial. *The Professional Geographer*. 56:4-11.

Association of American Geographers
Change in Membership, 2000 - 2004



AAG 2005 ANNUAL MEETING REGISTRATION FORM

Everyone who attends the AAG Annual Meeting must register. Space is limited for all events, field trips and workshops. AAG reserves the right to cancel any event with insufficient enrollment. All fees are payable in US dollars, by check, money order, Visa, or MasterCard. All cancellation requests must be received in writing by the stated deadlines. Requests received through 26 Jan 2005 will incur a \$50 cancellation fee. Requests received after 26 Jan 2005 will incur a \$70 cancellation fee. Requests received after 16 March 2005 cannot be processed. Requests received after 11 Feb 2005 for multi-day field trips, excursions and single-day field trips #1 and #2 cannot be processed.

FIRST _____ M.I. _____ LAST _____

AFFILIATION _____

ADDRESS _____

CITY _____ STATE _____ POSTAL CODE _____ COUNTRY _____

E-MAIL ADDRESS _____ DAYTIME PHONE _____

NAME OF COMPANION/SPOUSE WHO IS NOT PRESENTING A PAPER (if registering for meeting) _____

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

I. REGISTRATION

Check here if you have already registered

	Before 3/16	After 3/16	
Regular Member	\$235	\$290	\$ _____
Student/Retired Member	\$125	\$150	\$ _____
Nonmember	\$365	\$410	\$ _____
Nonmember Student	\$180	\$210	\$ _____
Companion/Spouse	\$75	\$125	\$ _____
One day registration	\$190	\$210	\$ _____

TOTAL REGISTRATION FEE \$ _____

II. SINGLE-DAY FIELD TRIPS

	Quantity	Price
1. Urbanization of CO Front Range (4/4) _____@ \$80		\$ _____
2. Military Geog. US Air Force Acad. (4/4) _____@ \$60		\$ _____
3. ESRI Office Tour & Geo Frisbee (4/5) _____@ \$30		\$ _____
4. Geog. Landscapes Summitt County (4/5) _____@ \$80		\$ _____
5. Landscape Transect Boulder Valley (4/5) _____@ \$75		\$ _____
6. Denver International Airport (4/6) _____@ \$25		\$ _____
7. Denver Metropolitan Region (4/6) _____@ \$60		\$ _____
8. Jack Kerouac in Denver (4/6) _____@ \$5		\$ _____
9. Rocky Mountain Nat'l Park (4/7) _____@ \$75		\$ _____
10. USGS Nat'l Water Quality Lab (4/7) _____@ \$15		\$ _____
11. USGS Mapping Ctr & Ice Core Lab (4/7) _____@ \$15		\$ _____
12. Urban Landscape Walking Tour (4/7) _____@ \$5		\$ _____
13. Fire&Forest Mgmt.CO Front Range (4/8) _____@ \$70		\$ _____
14. Terrestrial Paleoenvi. Front Range (4/8) _____@ \$70		\$ _____
15. Nat'l Ctr. Atmospheric Research (4/8) _____@ \$35		\$ _____
16. Urban Landscape Walking Tour (4/8) _____@ \$5		\$ _____
17. Geology of Garden of the Gods (4/9) _____@ \$50		\$ _____

III. MULTI-DAY FIELD TRIPS

(For multi-day field trips, participants will be contacted by 11 Feb 2005 to confirm the trip will take place. AAG does not suggest making travel arrangements to Denver until this final confirmation has been received.)

- Exploring Colorado's Ute Legacy (4/2: 8am - 4/5: 4pm)
 _____@ \$470 (shared hotel room*) \$ _____
 _____@ \$565 (single hotel room) \$ _____
- Ranching Heritage & Ski Resort Dev. (4/9: 7:30am - 4/10: 5pm)
 _____@ \$175 (shared hotel room*) \$ _____
 _____@ \$210 (single hotel room) \$ _____
- Grand Canyon Field Trip (4/9: 5pm - 4/10: 11pm)
 (after return to Denver Airport, attendees are responsible for their own travel and lodging)
 _____@ \$745 (shared hotel room*) \$ _____
 _____@ \$775 (single hotel room) \$ _____

* For shared hotel room selections, list the name of the individual you want to share a room with. If you have no preference, leave blank and you will be assigned a roommate of the same gender: _____

IV. EXCURSIONS

- Ski the Rockies Part I: A-Basin (4/4) _____@ \$65 \$ _____
- Ski the Rockies Part II: WinterPark (4/5) _____@ \$90 \$ _____

TOTAL FEES FOR FIELD TRIPS & EXCURSIONS \$ _____

V. WORKSHOPS

	Quantity	Price
1. GIS for the Classroom (4/5) _____@ \$60		\$ _____
2. Spatial Analysis & 3-D with ArcGIS (4/5) _____@ \$60		\$ _____
3. Write/Publish Early Career Faculty (4/6) _____@ \$20		\$ _____
4. NSF1-Reg Science Research Grants (4/6) _____@ \$0		\$ _____
5. Effic. Teach. Early Career Faculty (4/6) _____@ \$20		\$ _____
6. Grid-based Map Analysis Gis Model (4/6) _____@ \$35		\$ _____
7. Looking for Data? ASTER&MODIS (4/6) _____@ \$10		\$ _____
8. NSF2-Reg Science Dissert. Grants (4/7) _____@ \$0		\$ _____
9. Educ. Resources Spatial Thinking (4/7) _____@ \$5		\$ _____
10. NSF3-Reg Science Career Grants (4/7) _____@ \$0		\$ _____
11. French-Amer Hybrids: Wines-Plains (4/7) _____@ \$30		\$ _____
12. NSF4-Reg Science Research Grants (4/8) _____@ \$0		\$ _____
13. Internationalizing Geography Educ. (4/8) _____@ \$0		\$ _____
14. Wine Geography-Lodi Appellation (4/8) _____@ \$30		\$ _____
15. Wine Geography-Colorado (4/8) _____@ \$30		\$ _____
16. Intermediate Image Classification (4/9) _____@ \$TBD		\$ _____

TOTAL FEES FOR WORKSHOPS \$ _____

VI. SPECIAL EVENTS

	Quantity	Price
Banquet - individual ticket (4/7) _____@ \$55		\$ _____
Banquet table - 10 tickets (4/7) _____@ \$530		\$ _____
Awards Luncheon - individual ticket (4/9) _____@ \$40		\$ _____
Awards Luncheon table - 10 tickets (4/9) _____@ \$380		\$ _____

TOTAL FEES FOR SPECIAL EVENTS \$ _____

VII. ABSTRACT BOOK/CD

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

2005 Meeting Abstract Book	_____@ \$25	\$ _____
2005 Meeting Abstract CD	_____@ \$10	\$ _____

VIII. RECAP/PAYMENT

Registration Fee	\$ _____
Field Trips & Excursions	\$ _____
Workshops	\$ _____
Special Events	\$ _____
Abstract Book/CD	\$ _____

GRAND TOTAL (US Dollars Only) US\$ _____

Check for \$ _____ Attached (Payable to AAG)

Please charge \$ _____ to my VISA/MC (Sorry, no AmEx or Discover)

Card # _____

Expiration Date: _____ Signature _____

Please return completed form with payment to:

AAG 2005 Annual Meeting Registration
1710 16th Street, NW, Washington, DC 20009
Fax (202) 234-2744

Questions? (202) 234-1450 or meeting@aag.org

Tickets Available for Annual Meeting Banquet and Awards Luncheon

The AAG Annual Meeting Banquet will be held on Thursday, April 7, 2005, and will feature the Past Presidential address of Alec Murphy on "Enhancing Geography's Role in Public Debate." We invite you to join us and enjoy the event with your colleagues, friends, and family. You may reserve a full table for your department, AAG

Specialty Group, students, or friends. Individual tickets are \$55 and tickets for a table (seats ten) are \$530.

The AAG Awards Luncheon will be held on Saturday, April 9, 2005, and will honor recipients of AAG Honors and other awards and prizes for 2005. Single luncheon tickets are \$40 and tickets for a table of ten are \$380.

If you have not yet paid your registration fee, you may purchase tickets online at the time you register. If you have already paid your registration fee, please fax the form on page 6 of this issue to 202-234-2744 or mail it to the Association of American Geographers, 1710 Sixteenth St. NW, Washington, DC 20009-3198.

AAG Field Trips from page 1

Museums in Ignacio and Montrose and the research library and museum at the Center for Southwest Studies at Fort Lewis College. The trip also examines Ute-operated casinos, and traditional Ute ethnobotany.

Learn about the **National Center for Atmospheric Research** (NCAR) in Boulder, Colorado. Included are a VIP tour of NCAR's Mesa Laboratory (including the supercomputing facilities and 3D Visualization Lab) and an opportunity to explore the Digital Library for Earth System Education and the GLOBE (Global Learning and Observations to Benefit the Environment) program.

Or, see the spectacular display of **geology and physical geography at the Garden of the Gods**. Travel along the Front Range over Monument Hill, into the Arkansas drainage basin, and into the Pikes Peak area of southern Colorado to examine formations from the early Cenozoic to late Paleozoic.

A two-day field trip exploring **ranching heritage and ski resort development** will take participants to Vail Valley and Steamboat Springs to learn about the issues and problems of "down valley" sprawl in Eagle County and a mountain town with two distinct legacies: ranching community and "Ski Town, USA."

A **Grand Canyon** field trip offers attendees the opportunity to examine the geography and geomorphology of the Grand Canyon on foot and by air. As part of this two-day trip, participants will board a helicopter for a thirty-minute narrated air tour that flies over the deepest portion of Grand Canyon, through the "Dragon Corridor," and to the North and South Rims.

These field trips and many others, plus Annual Meeting special events, are listed on the registration form on page 6. Field trip capacity is limited, so reserve your slot early.

Grants and Awards

Jeffrey A. Gritzner, Department of Geography at the University of Montana, received the University's Distinguished Service to International Education Award for 2003-04.

Cathleen J. Webb and **Rezaul Mahmood** of Western Kentucky University received \$253,000 from the NSF-REU

program. The three-year funding will support research on various aspects of hydroclimatology, hydrology, and water quality issues at Mammoth Cave National Park and the Upper Green River watershed of Kentucky.

William Moseley, assistant professor of geography and coordinator of the African

studies program at Macalester College, was awarded the McColl Family Fellowship (of the American Geographical Society) for 2005. The award is in support of field work for his project "Subaltern Agroecological Knowledge and Environmental Justice in the New South Africa: Farm Worker Insights and Land Reform in the Western Cape Province."

Quarter Century

The January 1980 *AAG Newsletter* reported that professor of geography at Pennsylvania State University, **C. Gregory Knight** had been appointed by the AAG Council to edit the Resource Paper Series for a term of three years—1981-83...The New England-St. Lawrence Valley Division held its annual meeting at

Newport, Rhode Island, November 10-11, 1979. New officers of the division were announced including: **Maynard Weston Dow** of Plymouth State College as President; **Peter M. Enggass** of Mount Holyoke College as Vice President; and **Theodore S. Pikora** of Salem State College as Secretary-Treasurer...**Stanley D. Brunn**, **James H.**

Johnson, Jr., and **Donald J. Zeigler** of the Department of Geography, Michigan State University completed a report on the Three Mile Island nuclear accident. The report was based on the results of a survey of 150 residents living within thirty miles of Three Mile Island. Copies were available for \$12.00.

AAG to Hold 2005 Healthy Departments Workshop in Freeport, Maine

You are invited to participate in the second AAG Healthy Departments Workshop, scheduled for the week-end of June 25-26, 2005, near Freeport, Maine. As you probably know, one of the initiatives of current AAG President Vicky Lawson is to strengthen the position of departments in colleges and universities. Toward that end, Vicky organized the first AAG Healthy Departments Workshop last June in Seattle. Geared toward department chairs (or other current or prospective department leaders), the workshop provides a forum for exchanging ideas and insights on the challenges that departments are facing. Last year's workshop was a great success, so we have decided to do it again. This workshop will generate specific examples of successful strategies and plans, comparable data for different departments, and templates for annual reports. With an emphasis on idea-sharing, there will be both formal work sessions and informal networking sessions.

Alec Murphy and I are taking the lead this time, and are planning the

workshop for a different part of the country in the hope of attracting folks who couldn't come last year. The meeting will be held at a facility known as the "Stone House," which belongs to the University of Southern Maine (Provost Joe Wood will be our host). The Stone House is located at the end of a peninsula on the Maine coast, with the Casco Bay on one side and the Harraseeket River on the other (more information about the meeting site is available at www.usm.maine.edu/stonehouse).

Panelists will include geographers with considerable administrative experience at the department, college, as well as upper administration levels: Joe Wood (Provost, University of Southern Maine), Susan Hanson (Clark University), John Frazier (Binghamton University), Nancy Wilkinson (San Francisco State University), Alec Murphy (AAG Past President), Rod Erickson (Provost, Pennsylvania State University), and Vicky Lawson (AAG President). We would simply be looking for you to come prepared to share some informal thoughts on

aligning department goals with the broader mission of colleges/universities; the importance of understanding the current political and budgetary climate; ways of leading departments through evaluation of their mission and making changes necessary to succeed; and the challenge of engaging in outreach to schools, the state, and local communities.

Registration includes workshop program and panelists, two receptions, a welcome banquet, breakfast and lunch during the meetings, and transportation to and from hotel to the meeting site. Space is limited to thirty applicants, so please register early (registration cost \$295). If accepted, a formal letter of selection will be provided to assist you in getting financial support from your dean. Please send a note indicating your desire to attend to: Richard Marston, Workshop Organizer, School of Geology, 105 NRC, Oklahoma State University, Stillwater, OK 74048-3031.

Richard Marston
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We Are All the AAG from page 3

openness across the full range of the discipline. It can undoubtedly improve, and it is our responsibility as members to point out the need for improvement. But it is also our responsibility to contribute to the work of the Association. As my colleague Alec Murphy noted a year ago, "The AAG is vital to the health of our discipline, and every member who joins or renews makes it possible for the AAG to do more." To this I would add that we can influence

both the directions and effectiveness of the Association by working on committees, by participating in conferences, by submitting our research to our journals, and by using the networks of the Association (e.g., chair's listserves, AAG meetings, newsletter, specialty groups, and so on) to achieve our goals for geography.

Victoria A. Lawson
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Women in Geographic Education Calendar

The National Council for Geographic Education (NCGE) Special Interest Network for Women in Geographic Education has published a "Historic Women in Geography Education 2005 Calendar." The 2005 calendar is intended to recognize the accomplishments of our foremothers and, to inspire young women today to pursue careers in geography and geography education. Proceeds from the sale of the calendar benefit the NCGE Women in Geographic Education Scholarship Fund.

Calendars are \$10 each. For more information please visit www.personal.psu.edu/jav106/geowedwomen.

As you make travel plans, please note that the AAG Denver Annual Meeting begins at 2:00 pm on April 5, and concludes at 4:00 pm on April 9.

See www.aag.org/annualmeetings/index.cfm for schedule details.



Wilson

Ronald E. Wilson, currently directing the Mapping & Analysis for Public Safety Program (MAPS) at the National Institute of Justice (NIJ) in Washington, DC, explores various aspects of the use

of GIS and spatial data analysis in criminology and public policy. He worked on development of a Regional Crime Analysis GIS toolbox now used in the Baltimore Metropolitan Region, a software application which won Al Gore's National Partnership for Reinventing Government award in 2000. He also applies spatial data analysis for criminological research projects, policy implementation analyses, methodology development for the evaluation of geographic profiling software, and public policy evaluation. Ron earned a BA in Geology from Thiel College and a MA in Geography from Indiana University of Pennsylvania. He is now working on a Master of Software Engineering degree at the University of Maryland, College Park. He lives in Silver Spring, Maryland, with his daughter and wife, expecting another child this spring.

AAG: What inspired your work combining geography with criminology?

Ron: Originally I wanted to become a police officer. I graduated from the police academy and applied for jobs but when I got married, I decided I wanted to pursue a different course, and so we both went to graduate school. I went for geography and then wanted to find some way to apply what I was learning to criminology.

AAG: I understand that connection runs in your family.

Ron: Yes, My stepfather is a Deputy Sheriff and my mother is a prison guard. All of our family friends are sheriffs, state police officers . . . I had a lot of influences growing up in that way.

AAG: Does that help your work?

Ron: It's what keeps me grounded as a researcher. It's fine to do all this research and put out this theory but what can it really do for the community and the public at large?

AAG: Do you bounce ideas off them?

Ron: Lately, I have. I do talk about what I'm doing in my research to see if the ideas make any sense. They all understand the importance of it and provide insight into what makes sense on the street. Nobody wants to do something that really doesn't work.

AAG: For example?

Ron: I was talking with one of these friends, a judge, about mass incarcerations. What research is finding is that offenders are being pulled from the same neighborhoods and these problems are becoming more concentrated. As they remove mostly young males, violent crime does get reduced immediately. But the social structures can break down—women have to often get a second job or can't watch their kids, plus they cut social ties from the embarrassment of a partner being incarcerated. So in the long run, there is a second wave of crime in those neighborhoods, and then it's more difficult for intervention to be successful.

AAG: How is your work regarded by other social scientists?

Ron: The criminology field is really starting to understand how crime happens somewhere and that areas that surround those places are important in regards to spatial effects and crime. But I don't really see any of the social sciences looking to geography for answers or methods or techniques. I want to try to change that.

AAG: How might that be done?

Ron: For one, by geographers publishing in academic journals for criminology. I think we need to change the [academic] reward structures to allow geographers to write for policymakers or for public consumption and get credit for that. Also, there are many versions of spatial statistical software that had no input from geographers in its development. But we aren't even close to a critical mass of geographers working on these problems.

AAG: Is the influence being felt?

Ron: I can't really gauge yet, but in criminology I think it's coming around because of the contributions of key geographers who've produced a lot of very sound work. In very subtle ways, they see us now and respect us. I take some flack, mostly joking, about being a geographer, but now they know we've been to the table . . .

AAG: How are you able to move these ideas forward from your position at NIJ?

Ron: I want to take this position more into the public policy area. Our program bridges the gap between research and practice—through our Mapping & Analysis for Public Safety Conference and analytical work. One of the ways I see that happening is through public policy, whether analyzing it or influencing it. I want to show what can be done toward solving some of society's problems, with regard to crime.

AAG: How can geography contribute?

Ron: Not only in applications and techniques but also in theory. I think people are starting to see that place matters. You can't really argue whether this theory works or not, but whether it works in this particular place and context or not. You see geographic principles playing a role.

AAG: What drew you to join the AAG?

Ron: I originally joined for the journals, but now I'm really excited about what you all do and want to be more involved. As an organization you are doing some very, very important things to keep geography moving forward and growing its potential. Like hiring a public policy director, to see about policy implications, how public policy is affecting geography and vice versa.

AAG: What else can we do to live up to this potential?

Ron: Most of us came into this discipline because we wanted to do something for the world and society. If we write for ourselves, and don't get our work out there, we aren't quite doing it. I don't think geography is as bad off as some other social sciences but we could do much more.

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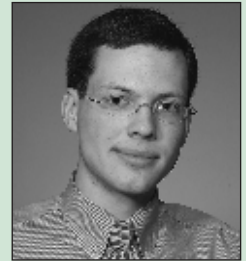
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Chauncy S. Harris, Jr., 2005 Rhodes Scholar

Chauncy S. Harris, Jr., a senior at the University of Wisconsin-Eau Claire, was chosen as a 2005 Rhodes Scholar. Harris, a geography and history major, is the first Rhodes Scholar to be elected from UW-Eau Claire. He will enter University of Oxford in England in October 2005, where he hopes to study modern Middle Eastern studies.



Harris

Harris's great uncle, who passed away in December 2003, was a Rhodes Scholar in 1934-36 and encouraged him to apply. "For the last ten years, he sent me the bios on all the Rhodes Scholars," Harris said of his great uncle. "I really wanted to do this to honor him."

NSF DDRI Guidelines Revision

Page limits for Doctoral Dissertation Research Improvement (DDRI) award proposals are being revised and will affect submissions for the February 15, 2005 deadline. When this revision is approved and announced on the NSF Geography and Regional Science website (www.nsf.gov/sbe/bcs/geograph/), DDRI proposals will be allowed to use two additional pages for graphics only (maps, satellite images, graphs, and photos) in addition to the regular ten page text limit. A short sentence caption for each graphic is allowed, but no other text will be allowed on these two graphic pages, which will be placed after the ten pages of text and before the reference pages. Graphics can still be placed on the ten-page text pages if desired.

Submission deadlines for the Human Social Dynamics (HSD) competition are set for February 9, 2005 for Exploratory Research Proposals (\$125,000 limit) and February 23, 2005 for regular research proposals (\$750,000 limit). For information on HSD, visit <http://www.nsf.gov/pubsys/ods/getpub.cfm?nsf05520>.

Questions can be referred to Greg Chu, Program Director for Geography and Regional Science at NSF, at gchu@nsf.gov.

Sign up now for AAG Annual Meeting field trips and special events. Full descriptions are posted at www.aag.org/annualmeetings/Denver2005/spevents.cfm Registration form is available on page 6.

AAG Washington Monitor

Omnibus Appropriations Bill Passed

In what some Washington insiders have termed the Saturday night massacre, Congress hastily passed the Fiscal Year 2005 consolidated appropriations bill on the evening of November 20, in time to leave town for Thanksgiving week. The legislation, which had to be corrected in early December because of a controversial provision giving certain members of Congress access to individual tax returns, incorporates nine of the thirteen regular appropriations bills that must be completed every year. Following are brief capsules on how some agencies of interest to the geographic community fared:

National Science Foundation (NSF)

The omnibus bill was very tough on the NSF. The agency's research and related activities (R&RA) account received only \$4.221 billion, \$30 million under the FY 2004 funding level of \$4.251 billion and \$231 million below the president's FY 2005 request of \$4.452 billion. This marks only the third time in the last twenty years and the first time since President Bush took office that R&RA funding has been cut. The foundation as a whole suffered a \$105 million cut from the FY 2004 appropriation.

Rep. Vern Ehlers (R-MI), a senior member of the House Science Committee and a PhD physicist by training, issued a statement that he is "concerned and astonished" by Congress's treatment of the NSF in the omnibus. Referencing the more than 150 of his colleagues who signed a statement in support of increased NSF funding, Ehlers said that the budget cut shows "dangerous disregard for our nation's future." Specific data is not available yet as to how the Geography and Regional Sciences program fared.

National Endowment for the Humanities

The news for the National Endowment for the Humanities (NEH) is a bit more positive than that for NSF. The NEH received an appropriation of \$138.1 million, \$2.8 million or 2.1 percent above last year's funding of \$135.3 million. While the

administration had requested \$162 million for the agency in FY 2005 and the funding came in well below that number, NEH officials can take solace in the fact that their budget increased, a trait certainly not common to many domestic discretionary accounts.

Census Bureau

The Commerce Department's Census Bureau was one of the few big winners to come out of the omnibus scramble. Overall, the legislation provides \$744.8 million for the bureau in FY 2005. This represents a \$120.6 million or 19.3 percent increase over the FY 2004 funding of \$624.2 million. Much of this increase is due to the \$79.3 million boost given to the American Community Survey (ACS), a program designed to replace the census long form by providing year-by-year data on communities of all sizes.

The ACS has been a major aspect of the bureau's Census 2010 plan for several years now. Despite this, the program was facing elimination as the Senate's original version of the appropriations bill proposed level funding of around \$65 million for the ACS in FY 2005. Census Director C. Louis Kincannon had made clear that to keep the survey on track for full implementation by 2010, an appropriation of at least \$140 million would be required.

In mid-October, the AAG joined a number of other organizations in encouraging top congressional appropriators to provide ample funding to the ACS for FY 2005. In his letter to the members, AAG Executive Director Doug Richardson noted, "Without the ACS, the ability to systematically gauge geographical, social, and economic conditions in most counties and metropolitan areas will be severely limited. This would greatly harm the ability to assess the effectiveness of federal and state policies in these areas and to conduct research to adjust and improve upon these efforts."

I am happy to report that these arguments prevailed, as Congress provided \$144.1 million for the ACS in FY 2005. Also within the bureau, the Periodic

Censuses and Programs account received \$548.7 million, a \$116.8 million boost over the FY 2004 level.

United States Geological Survey (USGS)

The USGS received an FY 2005 appropriation of \$935.7 million. This is slightly below last year's figure of \$949.7 million, due largely to across the board cuts in the omnibus to keep the total spending under a set cap. Congress again ignored the administration's annual attempt to keep the survey below \$920 million. The president's budget for FY 2005 had requested just \$919.8 million for the USGS.

Economic Research Service

The Agriculture Department's Economic Research Service (ERS) received an appropriation of \$74.2 million for FY 2005. This is a 4.5 percent increase over the FY 2004 level of \$71 million. The ERS conducts social science (including geographic) analysis on agriculture, food, natural resources, and rural development. ERS research informs and enhances public and private decision making at the federal, state, and local levels on agricultural and rural programs.

Bement Confirmed as NSF Director

On November 20, the U.S. Senate confirmed President Bush's nomination of Arden L. Bement, Jr., to serve as Director of the National Science Foundation. Three days later, the president signed Bement's commission, formally installing the new director. Bement had been leading the foundation in an acting capacity since February. In assuming the directorship, Bement resigned as head of the National Institute of Standards and Technology, a position he had occupied since late 2001. For more on Dr. Bement's background, please see the November edition of the AAG Washington Monitor.

John Wertman
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AP Human Geography from page 1

region, world systems theory, and the demographic transition. When asked a set of background questions on the 2003 exam, almost 22% of APHG students reported that they had some interest in majoring in geography. If just half of the 22% in the 2003 cohort became geography majors, the discipline would have 800 additional majors, not a trivial number for a field that typically produces 4,000 bachelor's degrees annually.

While APHG has grown steadily, the test has not equaled the lofty status of AP World History with 47,558 test takers or U.S. History with 262,906. We face daunting societal and disciplinary challenges as we seek to double or triple the number of test takers. The first obstacle is the absence of geography in many of America's elite private colleges. Currently, Harvard, Princeton, and Georgetown do not award credit for APHG. Websites for Yale, Columbia, Stanford, and New York University are silent about APHG credit, leaving interested students to guess whether the course will be accepted or add value to their transcripts. For a program designed for the brightest and most motivated students in high schools, geography's low profile at the nation's top colleges is a problem.

A second challenge is increasing competition for credit from community colleges. In 2003, 10.4 million students were enrolled in 1,132 community colleges, 5.4 million of them for formal credit. In some areas, high school students can opt for dual enrollment, and are thereby allowed to take a community college course taught by their high school teacher who is certified by the community college as a subject specialist. The risk of dual enrollment for geography is great because there are no disciplinary checks on who does and does not receive credit, as there is with the AP exam where university geographers set standards and collaborate with high school teachers to develop and grade the exam.

Significant geographic variation in the submission of APHG scores by college and university suggests that some states are more receptive to APHG than



Figure 1: Colleges that received APHG scores in 2003

others (see map). Colleges set their own standards for APHG acceptance—whether they will grant credit at all and at what performance level. Also relevant is that geography is more strongly embedded in the curriculum of some states than in others. All Texas high school students are required to take world geography, but are allowed to substitute APHG for this requirement. If only 5% of the 335,000 students who take world geography every year enrolled in APHG instead, we would have almost 17,000 new students, and the current program would triple in size. The University of Texas at Austin and Texas A&M University rank first and third respectively on the institutional list of schools to which APHG students submitted test scores. A similar, but not identical, situation exists in Colorado, where the state's flagship institution, the University of Colorado (CU), has a geography admissions requirement. APHG fulfills that requirement, and CU ranks fourth on the national list of APHG submissions. Texas, Colorado, and Florida account for more than one-third of all APHG submissions.

APHG is less successful in states like California where competition from the community college system is fierce and New York where the competition from

history is strong. Ines Miyares of Hunter College reports that the New York Geographic Alliance has only one teacher of APHG in the entire metropolitan region. The local history community is loath to relinquish resources or status to geography. She likens the battle for K-12 geography in New York City to "trying to retrofit the USS Constitution to be a modern aircraft carrier." (Miyares, 2004).

APHG also is ill served by a disciplinary culture that marginalizes geography education and does not fully embrace its contributions (Bednarz and Bednarz, 2004). This means that a small number of geography education practitioners investigate the cognitive aspects of student learning, develop innovative curriculum to inspire the next generation of geography educators, train teachers, and lobby for education reform while a majority of geographers remain ignorant of initiatives like APHG. To realize the transformative potential of APHG, disciplinary culture must change to blur the lines between geography education and the rest of the field. Education is the process of reproducing the discipline; it is the responsibility of all geographers, from graduate students to members of the National Academy of Science, to participate in this process.

Continued on page 13

AP Human Geography from page 12

Also problematic is the separation between K-12 and collegiate geography. Many geographers see college geography as their bailiwick and believe that what happens in the high school has little relevance to them. This view is damaging to APHG because the program sits squarely on the high school-college fence and requires participation from those who move can often and easily between the two settings. APHG involves the construction of a boundary organization and the recruitment of boundary players who can exploit the creative synergy of high school and college geography to develop new ideas, new learning models, and a larger and stronger base for the discipline.

APHG is also challenged with developing a national test and articulating standardized curriculum for a discipline that is more strongly aligned with a spatial point of view than with any particular subject matter. This perspective permeates collegiate courses and justifies the privileging of some aspects of the field over others. Although this perspective dovetails nicely with the instructor's research interests, it articulates poorly with the course description and standardized outline of APHG (College Board, 2001). The implication of this subject matter-approach debate is that the course is inevitably oriented toward passing the test, and the test has not yet captured the power of geography's integra-

tive and spatial perspective in understanding the patterns, places, and landscapes that make up Earth's surface. To be fair, this is a tall order, and the test development committee is learning to balance the need for a stable national test with the dynamism of contemporary geography.

Seize the Moment

APHG is a once-in-a-lifetime opportunity for geography to rejoin the mainstream of core university subjects and expand its role in American education. The course and exam expose the smartest and most motivated students to geography, produce a more prepared cohort entering the university, and generate new geography majors. APHG teachers gain professional development opportunities, enroll in other college courses, mix with collegiate geographers at the annual summer reading of APHG exams, and become cheerleaders for geography. Despite the formidable barriers to further development of the course and test, geography must find a way to sidestep or overcome these hurdles. There are more potential geography majors in Texas than in schools that feed the Ivy League. We must understand and diffuse the Texas experience. We must make clear the advantages of AP over dual enrollment to teachers and students. We must recognize that some of the internal boundaries that we have used

as a discipline to organize our work and establish our identity are becoming increasingly porous, learn to function successfully at the boundary of education and scholarship, and treat geography education as a K-20 phenomenon. And finally, we must translate our analytical perspective into questions for a national test. Unless we address these challenges, we will remain a small academic discipline with a limited role in education and society. The alternative is to seize the moment and embrace APHG as a mechanism to reintroduce geography in our schools, work places, and public discourse.

Patricia Gober, Chair
APHG Test Development Committee
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Travelocity Geography Education Award

A non-profit education organization based in New York City called *Reach the World* is this year's recipient of the second annual Travelocity Award for Excellence in Geography Education. The award is sponsored by Travelocity and the Geography Education National Implementation Project (GENIP).

Reach the World links students and educators in grades three to seven in high-need public schools to the world through online journeys being taken by real travelers. *Reach the World* provides schools with

resources, training, on-site support, and field work opportunities to make students ready to learn about the world, geography, and the excitement and value of travel.

Established in 1998 by Executive Director Heather Halstead, *Reach the World* has led two online journeys tracing the voyages of Makulu, a forty-three-foot school ship, and served seventy educators and their 2,000 students at twenty-three school sites. The website www.reachtheworld.org reaches 5,000 daily users in the U.S. and around the world. Through a

grant from the National Geographic Society Education Foundation, *Reach the World* is also working to quantify the impact of this "connected learning" on student achievement and teacher preparation.

For information about the 2005 award, which will be presented in the spring of 2006 at the AAG Annual Meeting, please contact GENIP Project coordinator Sarah Bednarz (s-bednarz@tamu.edu) or visit the GENIP website at <http://genip.tamu.edu>.

NSF Seeks New Human and Social Dynamics Proposals

The National Science Foundation announced a new solicitation for proposals in the Human and Social Dynamics (HSD) priority area. There are three categories of proposals: exploratory research proposals and research community development proposals, which are due on **February 9, 2005**; and full research proposals, which are due on **February 23, 2005**.

In 2005, an individual may participate in only one HSD proposal. All projects must include three or more senior personnel from at least two different fields. The maximum amount that may be requested for full research proposals is \$750,000; for exploratory research or research community development proposals the maximum is \$125,000. Indirect costs are included in both of these maximum limits.

The FY 2005 HSD competition will be limited to three areas of emphasis for consideration: agents of change; dynamics of human behavior; and decision making, risk and uncertainty. There will be no competition for infrastructure in 2005.

For further information see www.nsf.gov/home/crssprgm/hsd/ or contact Keith Crank at 703-292-4880 or kcrank@nsf.gov.

Summer Workshops for New and Early Career Faculty

Two professional development workshops will be held in June 2005 for early career faculty in geography—instructors, lecturers, assistant professors, and other untenured faculty. The aim of the workshops is to provide early career faculty—as well as advanced doctoral students—with the theoretical and practical knowledge needed to excel in the lecture hall, seminar room, and laboratory. Stress will be placed on methods of active pedagogy, inquiry-based learning, and teaching with technology, but participants will also address topics often overlooked in today's graduate curriculum—course planning, student assessment, discussion leadership, lecturing skills, field study, and evaluation methodologies.

In addition to the workshops, follow-up seminars, panel discussions, and paper sessions will be scheduled at the annual meetings of the AAG and the NCGE.

Two one-week workshops will be held at the University of Colorado at Boulder June 4-11, and June 18-25. An NSF grant includes funds to cover participant travel to Boulder and room and board on campus. Participants will be responsible for purchasing approximately \$150 in book and study materials.

Untenured lecturers, instructors, or assistant professors at any two- or four-year institution of higher education in the U.S. are eligible to participate. ABD doctoral students who have taught at least one course as primary instructor are also invited to participate. Enrollment is on a first-come, first-serve basis.

For further information or to enroll, please contact Kenneth E. Foote, Department of Geography, University of Colorado, Guggenheim Hall 102-B, Campus Box 260 UCB, Boulder, Colorado, 80309-0260, Phone: (303) 492-6760, Email: k.foote@colorado.edu. Visit www.colorado.edu/geography/gfda/gfda.html.

National Geodetic Survey Workshops

NOAA's National Geodetic Survey (NGS) is broadening outreach efforts in order to transfer its extensive expertise in positioning technology. NGS continues to conduct workshops throughout the U.S. in cooperation with universities, state and local governments, and various organizations representing surveying and mapping professionals. Information and a schedule of current workshops may be found at www.ngs.noaa.gov/pc_pord/workshops/.

"Developing Cartographic Literacy with Historic Maps" Summer Seminar

From June 27 to July 15, 2005 the Newberry Library's Hermon Dunlap Smith Center for the History of Cartography will hold a summer seminar entitled "Developing Cartographic Literacy with Historic Maps." Teachers nationwide are invited to apply. The three-week seminar led by Jim Akerman (The Newberry Library) and Jerry Danzer (Emeritus, University of Illinois at Chicago) is designed to promote an understanding of the culture and history of cartography, to develop cartographic literacy,

and to encourage effective map use in the classroom.

Successful applicants will receive a stipend of \$2,400 to help defray travel and housing expenses. Completed applications must be postmarked no later than Tuesday, **March 1, 2005**. Additional information and application materials are available at www.newberry.org/smith/L3smith.html or by contacting Susan Hanf, The Hermon Dunlap Smith Center, The Newberry Library, 60 W Walton St, Chicago IL 60610; email: hanfs@newberry.org; phone: 312-255-3659.

Department of Defense Funding For Environmental R&D

The Department of Defense, through the Strategic Environmental Research and Development Program (SERDP), will be funding environmental research and development in five areas: cleanup, compliance, conservation, pollution prevention, and unexploded ordnance. The objective of this effort is to identify, develop, and transition environmental technologies that relate directly to defense mission accomplishment. SERDP intends to fund multiple projects within each area selected through a competitive process.

Pre-proposals for the non-federal sector are due by Friday, **January 6, 2005**. Proposals for the federal sector are due by Thursday, **March 10, 2005**. Detailed instructions for federal and private sector proposals are available on the SERDP website: www.serdp.org/funding/funding.html.

SERDP will also be funding environmental research and development through the SERDP Exploratory Development (SEED) program. The SEED program is designed to provide initial funding for high-risk, high-payoff projects in all five areas. For FY06, SEED is focusing on compliance and conservation. All SEED pre-proposals are due by Thursday, **March 10, 2005**. Detailed instructions for both federal and non-federal proposals are available on the SERDP website at www.serdp.org/funding/funding.html.

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Cartography SG

The Cartography Specialty Group (CSG) and National Geographic Society welcome applications for their student award. The application deadline for the annual CSG/National Geographic Award in Mapping is **February 19, 2005**. The award recognizes student achievement in the art, science, and technology of cartography. Students submit information on mapping projects and academic performance. Last year's winner was John Nelson, a geography student at Central Michigan University; he received \$1,200 and a *National Geographic Atlas of the World*. Application information and John Nelson's award-winning map project are at www.nationalgeographic.com/maps/caward, or contact David Miller, Senior Editor, National Geographic Maps, at dmiller@ngs.org.

Economic Geography SG Paper and Dissertation Competitions

The Economic Geography Specialty Group (EGSG) announces its 2005 contest

for the best doctoral dissertation and the best student paper. These awards will be made in Denver at the AAG Annual Meeting in April 2005. The doctoral dissertation awardee will receive \$250, and the best student paper awardee, \$100.

The dissertation award will be for a dissertation completed in the field of economic geography in the period January 2003 through October 2004. Those interested in entering the competition are asked to submit a copy of their dissertation to: Dr. Jaime Peck, Department of Geography, University of Wisconsin-Madison, Madison WI 53706. Email: japeck@wisc.edu. The competition is global; participants do not have to be EGSG members. In recent years the competition has attracted dissertations from applicants around the world.

The EGSG Student Paper Award is given in recognition of outstanding achievement by a student member of the EGSG. While the competition is based on evaluation of a written manuscript, papers

must have been presented orally to a recent or upcoming regional or national meeting of the AAG. Papers may be theoretical, empirical, or methodological in orientation, and will be judged based on their contribution to the sub-field of economic geography, and their innovation, clarity, and quality of presentation. Papers should be single-authored, in eleven-point font, and no longer than twenty pages of text, excluding a required abstract, references, tables, and figures. The author's name should appear only on the first page. Entrants should submit two copies of their paper, together with a letter indicating the AAG meeting at which the paper was or will be orally presented. Students interested in submitting a paper for this competition are asked to send a copy of their paper to: Dr. Kris Olds, Department of Geography, University of Wisconsin-Madison, Madison WI 53706. Email: olds@geography.wisc.edu.

The deadline for submission to this contest is **February 15, 2005**.

Grants and Competitions from page 14

Map Design Competition

The Cartography and Geographic Information Society (CaGIS) of the American Congress on Surveying and Mapping (ACSM) are pleased to announce this year's map design competition.

The competition is open to all mapmakers in the United States and Canada. Noted cartographers judge the entries based on: color, overall design and impression, craftsmanship, and typography. Entries will be displayed at a number of national and international professional functions and will then become part of the permanent collection of the U.S. Library of Congress. Note that the focus of this competition is map design; therefore, judging will be based on cartographic design criteria, such as creativity, text (including spelling and grammar), balance, unity, clarity, use of color, and subject matter.

The competition is open to all college-level student mapmakers who have completed and/or published the submitted map during 2004. Each student award consists of a cash prize (\$200), a National

Geographic Society (NGS) atlas, and a certificate of award. Runner-ups will receive a NGS map or atlas.

The deadline for this year's competition is **January 15, 2005**. Maps completed during 2004 are eligible. Further information is available at www.acsm.net/cagis/mapcomp.html.

Intermountain West Research Grants

The Charles Redd Center for Western Studies at Brigham Young University offers research grants ranging from \$1,500 to \$3,000 to students, professors, and independent scholars who are studying topics pertaining to the Intermountain West (defined as Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming). Researchers from any discipline in the sciences, humanities, and social sciences may apply. Applicants are not required to utilize collections created or maintained by the Redd Center or by Brigham Young University. Applications for 2005 must be submitted by **March 15, 2005**. For more information

and application forms please visit the center's website at <http://fhss.byu.edu/reddcent/>.

Cartography and Geographic Information Society Scholarship

The Cartography and Geographic Information Society (CaGIS), a member Organization of the American Congress on Surveying and Mapping (ACSM), offers a \$1,000 scholarship for excellence in cartography, GIScience, or the other mapping sciences. The CaGIS scholarship is designed to encourage, recognize, and support the exceptional student.

The deadline for this year's award is extended to **January 22, 2005**.

This award is available to both graduate and undergraduate students, although preference will be given to undergraduates with junior or senior standing. To apply, see www.acsm.net/scholar.html. For additional information, contact: Ilse Genovese at ACSM, 6 Montgomery Village Avenue, Suite 403, Gaithersburg, MD 20879. Email: ilse.genovese@acsm.net.

Crime Mapping Research

The National Institute of Justice (NIJ) Mapping & Analysis for Public Safety program (MAPS) invites presentations and professional development workshops for the 8th Annual Crime Mapping Research Conference. The conference will be held, September 7-10, 2005, at the Savannah Westin Golf & Spa Resort, in Savannah, Georgia.

The conference, hosted by the MAPS program, brings together researchers and practitioners to learn about recent innovative research and share practical experiences with crime mapping and analysis. This year's theme is "Research & Practice Affecting Public Policy."

The NIJ will reimburse travel, lodging, and conference registration fees for one speaker per presentation or workshop.

All prospective presenters are required to submit an abstract and brief description of their presentation or workshop. The forms are available for download at www.ojp.usdoj.gov/nij/maps/savannah2005/ and should be completed and returned to Ron Wilson at ronald.wilson@usdoj.gov, no later than **January 25, 2005**, at 5:00 pm EST.

Snow Conference

The 62nd Eastern Snow Conference (ESC) will be held in Waterloo, Ontario,

Canada, June 8-10, 2005. The scientific program is open to sessions on theoretical, experimental, and operational studies of snow, ice, and winter hydrology. We anticipate sessions discussing the International Polar Year, climate change, and hydrological and hydro-chemical impacts of snow and ice. Abstracts are invited for an oral or poster presentation. An abstract of 150-200 words should be submitted by **February 25, 2005**. A student paper competition is also taking place. Additional information is available at: www.easternsnow.org/.

Place and Cultural Translation

Betwixt and Between - Place and Cultural Translation will be held at Queen's University Belfast, April 8-10, 2005. This interdisciplinary conference invites proposals with interests in a wide range of cultural and historical situations.

The conference is intended to extend discussions of the role of translation in, among other subjects, practices of intercultural exchange, the rhetoric of state formation and political conflict and the elaboration of local, national and international identities, with a specific focus on locality, place, and space.

Proceedings will be published as a collection which reflects the conference themes, to be edited by Ciaran Carson,

David Johnston, Stephen Kelly, and John Thompson.

Proposals of 500 words should be submitted by **January 30, 2005** to: Dr. Stephen Kelly

Place and Cultural Translation conference School of English Queen's University Belfast Belfast BT7 1NN Northern Ireland. Email: s.p.kelly@qub.ac.uk.

Further information is available at www.qub.ac.uk/betwixt/.

The Pennsylvania Geographer, Climate and Arid Lands

The editors of *The Pennsylvania Geographer*, a peer reviewed, semi-annual journal of the Pennsylvania Geographical Society, are soliciting manuscripts for the Spring/Summer 2005 edition. The general topic for this issue is climate and arid lands.

The deadline for submitting material for this issue is **February 15, 2005**. Contact Editor William B. Kory or Associate Editor Greg Faiers at *The Pennsylvania Geographer*, Geography Department, University of Pittsburgh at Johnstown, Johnstown, PA 15904. Email koryupj@pitt.edu.

Topics for future issues are environmental hazards (Fall/Winter 2005), ecotourism (Spring/Summer 2006), and geography and terrorism (Fall/Winter 2006).

Necrology

Robert Russell "Rusty" Churchill

Longtime professor of geography at Middlebury College, Robert Russell "Rusty" Churchill, died November 14, 2004, in Burlington, Vermont.

He was born in Belvidere, Illinois on November 19, 1946, the son of Robert and Marjorie (Vandenburg) Churchill. Bob received his BS and MS from Northern Illinois University, and his PhD from the University of Iowa. He joined the geography department faculty of Middlebury College in 1978. His interest in cartography led to the establishment of Middlebury's program in geographic information

systems and his fascination with maps drove his research and publishing. Bob was passionate about teaching and was an avid outdoorsman, leading field trips to Alaska and northern Canada.

Joan Clemons

Joan Clemons died November 28, 2004, in Los Angeles, California. An advocate for K-12 teacher empowerment, women in geography, and community college instructors, she had recently returned from Australia after spreading the last of her husband Tom McKnight's ashes in one of their favorite locations.



Clemons

Clemons was one of the original members the Los Angeles group that was the beginnings of the Geographic Alliances. She served as coordinator of the alliance, working to make it a valuable asset for K-12 educators. Clemons also worked on the California state standards for K-12 education and served on the California Geographical Society Board of Directors for many years. She was a

Continued on page 17

Necrology from page 16

founding member of the Women's Network in the Association of Pacific Coast Geographers and recently wrote the History of the Women's Network.

As the first community college faculty member to be elected President of the Association of Pacific Coast Geographers she fought for recognition of the contributions that community college instructors make to geography. She served as Chair of the Department of Geography at her community college before moving to UCLA and working with the chancellor's office. Her research included development and culture, and the linkages between community colleges and four-year institutions.

Clemons was chosen to receive the 2005 AAG Gilbert Grosvenor Honors for Geographic Education, which she will be awarded posthumously at the 2005 AAG Annual Meeting Awards Luncheon.

A memorial gathering in celebration of her life will be held January 29, 2005, from 2:00-5:00 p.m. at 3240 Tilden Avenue, Los Angeles, California.

Jim Goodman



Goodman

Long-time faculty member and former Chair of the Department of Geography at the University of Oklahoma, Jim Goodman died on November 15, 2004.

James M. Goodman was born in Henryetta, Oklahoma on July 23, 1929. He earned his BA at the University of Oklahoma in 1952 and his MS and PhD at Northwestern University in 1953 and 1961, respectively. He taught at Western Kentucky State University (1956-64); Wisconsin State University-Oshkosh (1964-66); Oregon College of Education (1966-67); and the University of Oklahoma (OU) (1967-93), where he was Chair of the Department of Geography in his last seven years. During his tenure at OU, Goodman was President of the National Council for Geographic Education (1980-81). He was founder and the first Director of the Oklahoma Alliance for Geographic Education. He authored *The*

Navajo Atlas, published by the University of Oklahoma Press in 1982. After Jim retired from OU, he served as geographer-in-residence at the National Geographic Society in Washington, DC, for two years before moving with his wife Mary to Santa Fe, New Mexico.

James Murry Hunter

James Murry Hunter, aged eighty-three, a longtime professor of geography at Georgetown University, died October 15, 2004, at his home in Rockville, Maryland.

Hunter joined the Georgetown faculty in 1946 and taught political geography until he retired in 1986. He was the author of *Perspective on Ratzel's Political Geography*, published in 1983, and he co-wrote several other books on geography with other professors. He also was a visiting professor at Boston University and wrote numerous articles for professional journals.

Born in Homer City, Pennsylvania, Hunter graduated from Indiana University of Pennsylvania. He earned a master's degree in geography from the University of Pittsburgh and a doctorate in geography from the University of Santo Domingo in the Dominican Republic.

During World War II, he served in the Army Corps of Engineers at Fort Belvoir.

He was a member of the AAG and the American Association of University Professors.

Curt Poulton

Curt A. Poulton, senior instructor at University of Colorado at Colorado Springs, died on November 22, 2004.

Born in St. Louis in 1931, Poulton served four years in the Air Force, and worked for 3M in Minnesota as a Product Design Engineer for much of his life. After leaving the position of Chief Engineer at a Colorado Springs firm in 1977, he set out to change his life by moving into academic geography. Poulton received a BA in geography from CU-Colorado Springs, his MA from CU-Boulder, and then his PhD from the University of Minnesota in 1989 at the age of fifty-eight. He was employed as a senior instructor in the Department of Geography and Environmental Studies at

the University of Colorado at Colorado Springs from 1990 until his death. A historical geographer by training, Poulton's specialty was in Western water policies and law, with a particular emphasis on the Pikes Peak region. Fluent in German, his latest work was a translation of *My Farm on the Mississippi* by Heinrich Hauser (University of Missouri Press).

On his tombstone, he had the title "Geographer" inscribed, along with the words: "I regret that the only thing I found myself helpless to teach was curiosity—Oh, that, and the proper use of the apostrophe." He was a member of the AAG since 1981.

The Curt Poulton Memorial Scholarship has been established in his name through the CU Foundation. Remembrances and thoughts may be sent to Eve Grunfest at ecg@uccs.edu.

William Wallace

Retired forty-year University of New Hampshire professor, William H. Wallace died of liver cancer on October 29, 2004. He was born in Chicago, December 10, 1924. After attending Beloit College in Wisconsin, Wallace entered the graduate program in geography at the University of Wisconsin in Madison, receiving his MS degree in 1950 and his PhD in 1956. His first academic position was at the University of Auckland in 1952. After returning to the U.S. in 1954, Wallace joined the faculty of Rutgers University.

Wallace began an appointment at the University of New Hampshire in 1956 and served on the faculty for forty years, retiring in 1997. He introduced the major program in geography in 1964 and established the Department of Geography in 1968. Wallace served as chair of the Department of Geography for twenty-four years. He was awarded a John Simon Guggenheim Fellowship in 1963 and was a Fulbright lecturer in Norway in 1971. Wallace was active in the AAG, the New England-St. Lawrence Valley Geographical Society and the Eastern Historical Geography Association. His most recent scholarship focused on the Historical Geography of New England, particularly issues of colonial settlement and land division. Earlier in his career he wrote extensively about railroads.

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

Ababneh, Linah, Tucson, AZ
 Abizaid, Christian, Montreal, QC, Canada
 Aboagye, Dacosta, Norman, OK
 Abood, Paul, Longmont, CO
 Abu-Zahra, Nadia, Oxford, UK
 Addie, Jean-Paul, Oxford, OH
 Adom, Cynthia, Worcester, MA
 Agbobli, Ebenezer, Shippensburg, PA
 Al-Thaibani, Najat, Salt Lake City, UT
 Aldrich, Serena, College Station, TX
 Alexander, Melinda, Tempe, AZ
 Allen, David, Plymouth, MI
 Alper, Rebecca, Worcester, MA
 Anderson, Pamela, Brookings, SD
 Armstrong, Harvey, Sheffield, UK
 Arsel, Murat, Chicago, IL
 Atle, Hauge, Uppsala, Sweden
 Backus, Vickie, Bozeman, MT
 Baer, Paul, Salt Lake City, UT
 Baletti, Brenda, Austin, TX
 Bato, Victorino, East Lansing, MI
 Bengtson, Jessica, Iowa City, IA
 Berry, E. Helen, Logan, UT
 Berry, Stacie-Ann, Kingston, Jamaica
 Beyer, Kirsten, Iowa City, IA
 Biggs, David, Riverside, CA
 Biglin, Kevin, Burlington, VT
 Binnian, Emily, Anchorage, AK
 Bitetto, Michael, Sunrise, FL
 Blissett, Shawn, Sandy, UT
 Blunt, Alison, London, UK
 Bohland, Jon, Blacksburg, VA
 Bose, Pablo, Toronto, ON, Canada
 Boshara, Jay, Iowa City, IA
 Bowen, Kristin, J., Chicago, IL
 Brand, Ralf, Nuremberg, Germany
 Bray, Jeff, Tallahassee, FL
 Brettschneider, Alecia, San Marcos, TX
 Brettschneider, Brian, San Marcos, TX
 Brickey, Jill, Knoxville, TN
 Brower, Barbara, Portland, OR
 Brown, Constance, Bloomington, IN
 Brumley, Seth, Umpqua, OR
 Bunn, Jason, TN
 Burnett, Kari, Los Angeles, CA
 Burnum, Jessica, Manhattan, KS
 Byrd, Brandon, Arlington, TX
 Cameron, Stephen, R., East Lansing, MI
 Cao, Ying, Fairfax, VA
 Carey, Matthew, Albany, NY
 Carmalt, Jean, Brooklyn, NY
 Carr, John, Seattle, WA
 Chan, Roger, C.K., Hong Kong
 Chang, Eunsuk, Buffalo, NY
 Chatterjee, Sudip, Memphis, TN
 Chen, Xianfeng, Morgantown, WV
 Chinniah, Sivagurunathan, Portage, MI
 Clark, Andrew, Durham, UK
 Clinton, Philip, Goodyear, AZ
 Cloke, Jonathan, Leicester, UK
 Clough, Nathan, Burlington, VT
 Cole, Alexander, Frederiksberg, Denmark
 Coles, Pamela, Laramie, WY
 Conklin, Nikki, Binghamton, NY
 Conradson, David, Southampton, UK
 Cox, Rosie, London, UK
 Crawford, Priscilla, Norman, OK
 Crowell, Kelly, Los Alamos, NM
 Daniel, Nelson, San Marcos, TX
 Darian, Laurie, Bozeman, MT
 Davidson, Mark, London, UK
 Dawley, Stuart, Newcastle Upon Tyne, UK
 DeBernardi, Lyle, Spring Hill, FL
 Degrassi, Christian
 Demetrakopoulos, Melissa, Ipswich, MA
 Dittmore, Miles, Broderick Leighton, Long Beach, CA
 Dobbs, Mary, Manhattan, KS
 Doelker, Jeremy, C., Columbus, OH
 Doherty, Kathleen, Brookfield, WI
 Donohoe, Holly, Ottawa, ON, Canada
 Dougall, Janice, Portland, OR
 DuBois, Michael, Salem, MA
 Ducey, Craig, Portland, OR
 Dyson, Jane, Edinburgh, UK
 Egger, Meleia, East Lansing, MI
 Eidem, Nathan, Carbondale, IL
 Elcock, Tracey, Kingston, Jamaica
 Engelen, Ewald, Amsterdam, Netherlands
 Ensor, Leslie, Bloomington, IN
 Erickson, Kristofer, Seattle, WA
 Eveleigh, Timothy, McLean, VA
 Fall, Juliet, Vancouver, BC, Canada
 Faulkner, Mark, Norman, OK
 Faustini, John, Corvallis, OR
 Folker, Geoffrey, Olathe, KS
 Foreman, John, Austin, TX
 Fort, Sarah, San Rafael, CA
 Freeman, Eveily, St. Cloud, MN
 Furcron, Thomas
 Gallagher, Rory, Cambridge, UK
 Garcia, Belen, Lopez, San Marcos, TX
 Gardner, Todd, Washington, DC
 Garrett, Steven, Tacoma, WA
 Gary, Robin, Austin, TX
 Gentry, Glenn W, Syracuse, NY
 Geverdt, Doug, Annapolis, MD
 Ghosh, Debarchana, Manhattan, KS
 Gong, Gang, Worcester, MA
 Green, Kyle, Morris, NY
 Griffith, Andrew, S., Austin, TX
 Gunasekera, Kumudu, North Waltham, MA
 Haisch, Tina, CH-4056 Basel, Switzerland
 Hamada, Yuki, San Deigo, CA
 Hannah, Joseph, Seattle, WA
 Hanson, Molly, Salt Lake City, UT
 Harrison, Jill, Santa Cruz, CA
 Hartman, Jessica, Salt Lake City, UT
 He, Shenjing, Southampton, UK
 Herzfeld, Ute Christina, Boulder, CO
 Hester, Leslie, Raleigh, NC
 Himley, Matthew, Syracuse, NY
 Hinline, Mark, Escondido, CA
 Hipwell, William, T., Daegu, Korea
 Hoffman, Lisa, Tacoma, WA
 Hogue, Jennifer, Corvallis, OH
 Holt, David, Harms, Oxford, OH
 Hook, Peter, Bloomington, IN
 Houston, Serin, Seattle, WA
 Howell, Philip, Cambridge, UK
 Hruska, Linnea, Kalamazoo, MI
 Hubbard, Philip, Leicestershire, UK
 Huber, Matthew, Worcester, MA
 Hultgren, Torrin, Boulder, CO
 Hunter, Sue, Leicester, England
 Hurd, John, Cincinnati, OH
 Iwan, Gregory, Littleton, CO
 Jackson, Sara, Vancouver, BC, Canada
 Jacobs, Jessica, Amman, Jordan
 James, Ford, Guelph, ON, Canada
 Jason, Hackworth, Toronto, ON, Canada
 Jensen, Kari, Bolstad, State College, PA
 Jeter, Gavin, Lawrence, KS
 Joassart-Marcelli, Pascale, Cambridge, MA
 Johnson, Elizabeth, Minneapolis, MN
 Johnson, Tamara, Chapel Hill, NC
 Jones, Roy, Perth, WA, Australia
 Jones, Trevor, Gareth, Worcester, MA
 Judy, Clark, Louisville, CO
 Jung, Wook Rak, Austintown, OH
 Kelly, Peter, Kingston, Jamaica
 Kiechle, William
 Kim, Myung, Columbus, OH
 Kindon, Sara, Wellington, New Zealand
 King, Karen, Hamilton, ON, Canada
 Kirschbaum, Sara, Colorado Springs, CO

- Klemens, Michael, Green Bay, WI
 Knauf, Meredith, Boulder, CO
 Kocis, Whitney, Knoxville, TN
 Kondo, Akio, Tokyo, Japan
 Kopko, Jennifer, Morgantown, WV
 Koppany, Sven, Worcester, MA
 Kouadio, Bertin, Yao, Urbana, IL
 Kraatz, Lindsey, Wilmington, NC
 Kuan, Da-Wei, Honolulu, HI
 Kumar, Mukesh, Jackson, MS
 Lafferty, Michael, Sean, Austin, TX
 Lambourdiere, Eric, Schoelcher, Martinique
 Lane, Bradley, Bloomington, IN
 LaPerriere De Gutierrez, Renee, Laredo, TX
 Larsen, Eric, Stevens Point, WI
 Lecklider, Elizabeth, Ann, Akron, OH
 Lee, Elizabeth, Vancouver, BC, Canada
 Lee, Gunhak, Columbus, OH
 Leipnik, Mark, Huntsville, TX
 Levine, Philippa, Los Angeles, CA
 Lewis, Geoffrey, Ann Arbor, MI
 Li, Shujuan, College Station, TX
 Li, Yingru, Cincinnati, OH
 Liang, Wei, Baton Rouge, LA
 Light, Adam, Portland, OR
 Lindesay, Janette, Anne, Canberra, Australia
 Lobell, David, Stanford, CA
 Logan, Shannon, Dawn, Toronto, ON, Canada
 Long, Joshua, Lawrence, KS
 Lu, George, Fairfax, VA
 Ludden, Thomas, Davidson, NC
 Luebke, Michelle, Athens, GA
 Lunkapis, Gaim James, Kota Kinabalu, Sabah, Malaysia
 Luttrell, Stephen, Arlington, VA
 Maas, Jacob, Kalamazoo, MI
 Mackay, David, Buffalo, NY
 MacLennan, Andrea, Bellingham, WA
 Mamadouh, Virginie, Amsterdam, Netherlands
 Mandeville, Julie, Salem, MA
 Mann, David, Knoxville, TN
 Marryatt, Jason, Anaheim, CA
 Marsh, Meredith, Santa Barbara, CA
 Martin, Derek, Springfield, MO
 Martin, Nina, Chicago, IL
 Masse, Jeffrey, Seattle, WA
 Matsui, Kenichi, Columbus, OH
 Mattison, Colin, Spring Valley, CA
 McClure, Robert, Northfield, MN
 McElwee, Pamela, Lawrence, KS
 McGregor, Stephen, Chapel Hill, NC
 McKay, Deirdre, Canberra, Australia
 McNabb, Ashley, Austin, TX
 Meehan, Katharine, Oxford, UK
 Mercado, Ruben, Hamilton, ON, Canada
 Mestrovich, Michelle, Santa Rosa, CA
 Michael, Timothy, Slippery Rock, PA
 Mihevic, Nicole, Highland Hts., OH
 Milbrandt, Anelia, Golden, CO
 Miller, Matt, Salem, VA
 Minkley, Thomas, Terre Haute, IN
 Mizuoka, Fujio, Kunitachi, Tokyo, Japan
 Moore, Christopher, Oshkosh, WI
 Moore, Susan, London, UK
 Mooser, Ian, Ellensburg, WA
 Moreno, Christopher, Cardiff by the Sea, CA
 Mostern, Ruth, Merced, CA
 Mueller, Daniel, Berlin, Germany
 Murai, Emily, Minneapolis, MN
 Murray, Robert, State College, PA
 Murton, James, Vancouver, BC, Canada
 Myers, Paul, Francis, Denver, CO
 Nakamura, Nobutaka, Maryville, MO
 Napieralski, Jacob, West Lafayette, IN
 Neault, Guillaume, Kingston, ON, Canada
 Neidel, John, Carmel, CA
 Neill, Holly, Springfield, MO
 Nelson, Mark, Eau Claire, WI
 Neuenschwander, Amy, Austin, TX
 Newton, Zachary, Kalamazoo, MI
 Nuckolls, Margaret, Lee, Salt Lake City, UT
 Nyema, Guannu, Rancho Cucamonga, CA
 Omariba, Walter, London, ON, Canada
 Ordning, Amy, J, Iola, WI
 Paglen, Trevor, Berkeley, CA
 Palis, Joseph, Chapel Hill, NC
 Parsons, Mark, Boulder, CO
 Pavelsky, Tamlin, Los Angeles, CA
 Penfold, Robert, Columbus, OH
 Perry, Marc, J., Washington, DC
 Peters, Paul, A, Austin, TX
 Peterson, Kim, Anchorage, AK
 Peterson, Rorik, Wamego, KS
 Pomara, Lars, Austin, TX
 Postigo, Julio, Austin, TX
 Pratt, Kathryn, Minneapolis, MN
 Prishchepov, Alexander, Stillwater, OK
 Propen, Amy, MN
 Qianhong, Tang, Charlotte, NC
 Razor, Noel, Lawrence, KS
 Rauscher, Sara, Pallisades, NY
 Read, Bryce, Tallahassee, FL
 Reid, Kereen, Kingston, Jamaica
 Roberts, Sanderson, Perry, San Francisco, CA
 Rodgers, Scott, London, England
 Roman, Ron, New York, NY
 Ross, Johnson, Anaheim, CA
 Roussie, Sue, Amherst, NY
 Rowland, Peter, San Jose, CA
 Roy, Michelle, Salem, MA
 Ruddy, Lydia, Seattle, WA
 Ruth, Matthias, College Park, MD
 Sabra, Samah, Dundas, ON, Canada
 Saliba, George, Tucson, AZ
 Salo, James, Oxford, UK
 Sarathy, Brinda, Berkeley, CA
 Sarlitto, San, Yarmouth, ME
 Scarpellino, Martha, Iowa City, IA
 Schmidt, David, University Park, PA
 Schneider, Brett, Fullerton, CA
 Schneider, Philipp, Santa Barbara, CA
 Schnell, Izhak, Tel Aviv, Israel
 Scholten, Bruce, Durham, UK
 Schubert, Janis, L, Richardson, TX
 Schwanen, Tim, Utrecht, Netherlands
 Schwartz, Sarah, Columbia, SC
 Sforza, Peter, Blacksburg, VA
 Sharkey, William, Milwaukee, WI
 Shears, Andrew, B, Muncie, IN
 Shin, Jungyeop, Amherst, NY
 Shubin, Sergei, Saskatoon, SK, Canada
 Silva, Timothy, Hingham, MA
 Simenson, Chris, Dunkerton, IA
 Simoneau, Wayne, Dripping Springs, TX
 Sivak, Henry, Los Angeles, CA
 Slatton, Russell, Hancock, MI
 Sleeter, Benjamin, Menlo Park, CA
 Slick, Daniel
 Smith, Brady, Starkville, MS
 Smith, JennLee, Los Angeles, CA
 Smith, Melanie, Missoula, MT
 Smith, Rebecca, State College, PA
 Snow, Mary, Daytona Beach, FL
 Snow, Richard, Daytona Beach, FL
 Sobolowski, Stefan, Brooklyn, NY
 Sowers, Jacob, Manhattan, KS
 Spiking, William, MO
 Spruance, Catherine, Lee, Salt Lake City, UT
 Stefan, Buzar, Oxford, England
 Steinhart, Gail, Ithaca, NY
 Stephens, Philip, San Diego, CA
 Stevens, Austin, Austin, TX
 Stewart, Susan, Kingston, Jamaica
 Straatman, Bas, St. John's, NFL, Canada
 Su, Lihong, Montclair, NJ
 Sullivan, Thomas, Lafayette, LA
 Sun, Wenjie, Bloomington, IN
 Taylor, Russel, Tuscaloosa, AL
 Taylor, Stephen, Monmouth, OR
 Thein, Brad, Salt Lake City, UT
 Thornbrugh, Casey, Tucson, AZ
 Timothy-Burgess, Margaret, Kingston, Jamaica

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**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 Dagal at dagalke@mwsc.edu.

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

6. Department of Defense SERDP funding for non-federal sector. www.serdp.org/funding/funding.html.

7. Cultural Geography SG Student Paper Competition. Contact Soren Larsen at sclarsen@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. CaGIS Map Design Competition. www.acsm.net/cagis/mapcomp.html.

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/.

22. CaGIS Scholarship. www.acsm.net/scholar.html.

FEBRUARY

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

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.

9. NSF Human and Social Dynamics exploratory research proposals and research community development proposals. www.nsf.gov/home/crssprgm/hsd/.

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.

15. Economic Geography SG Dissertation and Best Student Paper Competitions. For dissertation competition contact Jaime

Peck at japeck@wisc.edu. For student paper competition contact Kris Olds at olds@geography.wisc.edu.

19. Cartography SG and National Geographic Award in Mapping. Contact David Miller at dmiller@ngs.org.

23. NSF Human and Social Dynamics full research proposals. www.nsf.gov/home/crssprgm/hsd/.

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

MARCH

1. Rural Geography SG Student Paper Competition. Contact Kenneth Dagal at dagalke@mwsc.edu.

1. Developing Cartographic Literacy with Historic Maps" Summer Seminar at the Newberry Library's Hermon Dunlap Smith Center for the History of Cartography. www.newberry.org/smith/L3rsmith.html.

10. Department of Defense SERDP funding for federal sector. www.serdp.org/funding/funding.html.

15. Intermountain West Research Grants at BYU. <http://fhss.byu.edu/reddcent/>.

APRIL

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

MAY

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

New Members from page 19

Toyama, Kentaro, Redmond, WA
Trageser, Andrea, Baltimore, MD
Traub-Werner, Marion, Minneapolis, MN
Travis, Sabrina, Laramie, WY
Trendell, Harold, R., Kennesaw, GA
Tsukernik, Maria, Boulder, CO
Van Auken, John, Denver, CO
VanLeer, Cristel, Lakewood, CO
Vargas, Alma, Chino, CA
Venn, Laura, Coventry, UK
Wade, Alisa, Fort Collins, CO
Wagstaff, Jeremiah, College Station, TX
Wahab-Twibell, Rima, Worcester, MA
Waite, Louise, Leeds, England
Wallner, Barbara, WI
Wang, Man, Seattle, WA
Wang, Tan, Hong Kong

Warner, Timothy, Pittsburgh, PA
Waterinckx, Philippe, Tucson, AZ
Watkins, Raymond, A.
Watson, Jr., Darrell G., Columbia, SC
Watson, Richard, P., Albuquerque, NM
Watt, Steve, Santa Cruz, CA
Way, Henry, Lawrence, KS
Weidler, Christa, Champaign, IL
Weng, Yen-Chu, Madison, WI
West, Rebecca, Marysville, CA
White, Roger, St. John's, NF, Canada
Wildblood-Crawford, Bruce, Christchurch, New Zealand
Willits, Brendan, Greeley, CO
Wolaver, Joanna, Austin, TX
Wong, Theresa, Columbus, OH
Wood, Christopher, Springfield, MO

Woods, Clyde, College Park, MD
Wright, Elijah, Bloomington, IN
Wright, Stewart, Lakewood, CO
Wu, Li, Ypsilanti, MI
Yamane, Akiko, VIC, Australia
Yang, Chun, Hong Kong
Yang, Xiaoying, Iowa City, IA
Yang, You-Ren, Taipei, Taiwan
Yost, Chad, Saint Cloud, MN
Yu, Jeremy, San Diego, CA
Zademach, Hans-Martin, Munich, Germany
Zeitler, Ezra, Lincoln, NE
Zhang, Tong, San Diego, CA
Zhao, Tao, Hong Kong
Zhou, Guirong, Seattle, WA
Zier, Jim, Dayton, WY

Anella, Anthony and John B. Wright. *Saving the Ranch: Conservation Easement Design in the American West*. Washington, DC: Island Press, 2004. 172 and 4 pp., ISBN 1-55963-473-1.

Baker-Lewis, Carolyn, ed. *The Winter Sailor: Francis R. Stebbins on Florida's Indian River, 1878-1888*. Tuscaloosa, AL: University of Alabama Press, 2004. 200 and 26 pp., \$29.95, ISBN 0-8173-5129-9.

Bhagat, Pamela. *India: An Oxfam Country Profile*. Oxford, UK: Oxfam, 3rd rev. ed., 2004. 90 and 4 pp., ISBN 0-85598-495-3.

Blatt, Harvey. *America's Environmental Report Card: Are We Making the Grade?* Cambridge, MA: MIT Press, 2005. 277 and 14 pp., \$27.95, ISBN 0-262-02572-8.

Bremer, Thomas S. *Blessed With Tourists: The Borderlands of Religion and Tourism in San Antonio*. Chapel Hill, NC: University of North Carolina Press, 2004. 207 and 12 pp., \$19.95, ISBN 0-8078-5580-4.

Brenner, Neil. *New State Spaces: Urban Governance and the Rescaling of Statehood*. New York: Oxford University Press, 2004. 351 and 19 pp., n.p., ISBN 0-19-927006-6.

Graham, Stephen, ed. *Cities, War, and Terrorism: Towards an Urban Geopolitics*. Malden, MA: Blackwell, 2004. 384 and 23 pp., \$39.95, ISBN 0-4051-1575-0.

Jett, Stephen C., ed. Charles F. Gritzner, series consulting ed. *France*. Philadelphia: Chelsea House, 2004. 126 pp., n.p., ISBN 0-7910-7607-5.

Lapping, Mark B. and Owen J. Furuseth, eds. *Big Places, Big Plans: Perspectives on Rural Policy and Planning*. Burlington, VT: Ashgate, 2004. 187 and 9 pp., \$79.95, ISBN 0-7546-3586-4.

Makagon, Daniel. *Where the Ball Drops: Days and Nights in Times Square*. Minneapolis: University of Minnesota Press, 2004. 268 and 23 pp., \$29.95, ISBN 0-8166-4275-3.

McKendrick, John H., ed. *First Steps: A Primer on the Geographies of Children and Youth*. London: Limited Life Working Party on Children, Youth and Families of the Royal Geographical Society with the Institute of British Geographers, 2004. 24 pp., n.p., ISBN 0-902447-23-8.

Meinig, D.W. *The Shaping of America: A Geographical Perspective on 500 Years of History. Volume 4, Global America, 1915-2000*. New Haven and London: Yale University Press, 2004. 467 and 16 pp., \$45.00, ISBN 0-300-10432-4.

Mitchell, Timothy. *Rule of Experts: Egypt, Techno-Politics, Modernity*. Berkeley, CA: University of California Press, 2002. 413 and 13 pp., \$19.95, ISBN 0-520-23262-3.

Norwine, James, John R. Giardino, and Sushma Kh Krishnamurthy, eds. *Water for Texas*. College Station, TX: Texas A&M University Press, 2005. 271 and 12 pp., \$65.00, ISBN 1-58544-326-3.

Robbins, William G. *Landscapes of Conflict: The Oregon Story, 1940-2000*. Seattle: University of Washington Press, 2004. 414 and 23 pp., \$35.00, ISBN 0-295-98442-2.

Sagan, Iwona and Mariusz Czepczynski, eds. *Featuring the Quality of Urban Life in Contemporary Cities of Eastern and Western Europe*. Gdansk and Poznan, Poland: Bogucki Wydawnictwo Naukowe, 2004. 295 pp., n.p., ISBN 83-89290-71-5.

Scarpaci, Joseph L. *Plazas and Barrios: Heritage Tourism and Globalization in the Latin American Centro Historico*. Tucson: University of Arizona Press, 2005. 267 and 19 pp., \$45.00, ISBN 0-8165-1631-6.

Shaw, Diane. *City Building on the Eastern Frontier: Sorting the New Nineteenth-Century City*. Baltimore: Johns Hopkins University Press, 2004. 209 and 11 pp., \$45.00, ISBN 0-8018-7925-6.

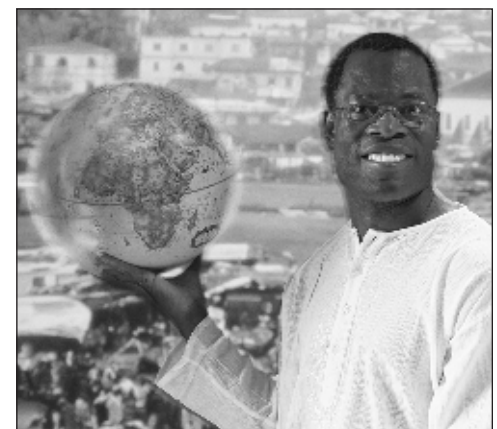
Wilson, Robin. *Four Colors Suffice: How the Map Problem Was Solved*. Princeton, NJ: Princeton University Press, 2002. 262 and 12 pp., \$16.95, ISBN 0-691-12023-4.

Members of Note

F. Robert Bielski, AICP and professor emeritus of geography and planning at West Chester University, received the Distinguished Leadership Award for a Professional Planner from the Pennsylvania Planning Association.

Barry Wellar, professor of geography at the University of Ottawa, has received the 2004 Rector's Award for Service to the University Through Media and Community Relations. The Rector's Award was given to Wellar in recognition of outstanding service to the University of Ottawa and the larger community through the news media.

Joseph Oppong, associate professor of geography at the University of North Texas, and Chair of the AAG Medical Geography Specialty Group, was profiled in a feature article entitled "Mapping Outbreaks" in the publication *Resource: Research, Scholarship & the Arts at the University of North Texas*. The article describes Oppong's work in mapping the spread of infectious diseases such as Buruli Ulcer (skin-eating disease) and tuberculosis.



Oppong
Photo by Angilee Wilkerson

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.

***ALASKA, ANCHORAGE 99508.** University of Alaska Anchorage. The Department of History and Geography invites applicants for a

full-time, tenure-track **assistant professor of geography**. All specialties will be considered; candidate with research and teaching interests in historical, political or economic/global geography and regional specialties in North Pacific/Far East is preferred. A strong commitment to teaching, research, and university & departmental service, including assisting in the integration of geography in the history department and demonstrated sensitivity to diverse student populations required. Responsibilities include the delivery of the introductory, world regional/global issues course; teaching basic introductory physical geography and upper-division courses in specialty area; publishing in their field; and participating in department/community service. A Ph.D. in geography required; candidate with ABD in hand will be considered if Ph.D. is completed prior to appointment date. JAN 05-24.

Apply: The complete vacancy announcement with qualifications, responsibilities and specific application procedures is available on the UAA/HRS website at www.finsys.uaa.alaska.edu/

uaahrs or by contacting UAA/HRS at (907) 786-4608; Hearing Impaired TTY Phone: (907) 786-1420. UAA is an AA/EO employer & educational institution. Applications for employment are subject to public disclosure under the Alaska Public Records Act. Inquiries may be directed to Dorn Van Dommelen, Chair, Search Committee, afdvd@uaa.alaska.edu or 907-786-1765.

***ALASKA, JUNEAU 99801-8671. Assistant Professor of Geographic Information Systems.** The University of Alaska Southeast is seeking a qualified individual for a tenure-track position in the Department of Natural Sciences. This position will support undergraduate degree programs in Environmental Science, Marine Biology, and general Biology. A Ph.D. in one of the Natural Sciences or Geography with an emphasis on GIS is required.

Research focus could include but is not restricted to: Geoscience, Environmental Science, Oceanography, or Biology. Knowledge of major GIS software, particularly ESRI products, is

"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

essential. The successful candidate will have a demonstrated record of research, publication, and successful teaching experience. For more information about the position and application process see our job posting at: www.uas.alaska.edu/envs/gis <<http://www.uas.alaska.edu/envs/gis>>. JAN 05-8.

***ARIZONA, PHOENIX 85069.** Arizona State University, at West campus, The New College of Interdisciplinary Arts and Sciences. The Department of Social and Behavioral Sciences invites applicants for a **tenure-track position at the Assistant level** to begin August 16, 2005. We are seeking candidates whose teaching and research are in areas related to **metropolitan studies and/or social justice and human rights** such as, but not limited to migration, globalization, international non-governmental organizations, social policy organizations, and/or international human rights law. Required qualifications include a Ph.D. by August 15, 2005, in a social science discipline or interdisciplinary field; evidence of successful teaching in an area related to metropolitan studies and/or social justice and human rights; record of publication in one or both of these areas, and a record of, or evidence of potential for, external funding appropriate to experience. We desire candidates with a record of interdisciplinary collaboration in research and grant writing. The successful candidate will teach in our interdisciplinary department, conduct research, provide service to the campus and community, and contribute to the development of proposed MA programs in Metropolitan Studies and/or Social Justice and Human Rights. Applicants must send a hard copy cover letter addressing qualifications related to the above requirements, a statement about research, teaching and grant activity planned for the next five years, a current curriculum vitae, the names and contact information (address and telephone number) for at least three references. Please send your application to the address below. JAN 05-9-1.

Apply: Thomas Keil, Social Policy/Organizations Search Committee, Arizona State University West campus, Department of Social and Behavioral Sciences, P.O. Box 37100, Phoenix, AZ 85069. Deadline is January 14, 2005; if not filled the 15th of each month thereafter until the search is closed. For further information about the department, consult: <http://www.west.asu.edu/sbs>. As a new American university, Arizona State University is a force for discovery, turning students into leaders who shape the future. In its 20th year, the West campus of ASU, located in Phoenix, fulfills this mission

through interdisciplinary teaching, research, and community engagement. The campus serves more than 7,300 students and offers 29 bachelor's degree programs, nine master's degrees, eight professional certificates and is currently developing its first doctoral degree program. Please visit our web site at <http://www.west.asu.edu/>. ASU is an Equal Opportunity/Affirmative Action Employer in policy and practice.

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>) invites applications for a geographer at the advanced **Assistant or Associate Professor** rank with an established research and teaching record in the **social or biophysical dimensions of water resources**, with an emphasis on implications for water policy at regional, national, or international levels. We are looking for an energetic scholar who can provide leadership in one or more areas encompassing the socio-economic, political, health/safety, human-environmental, climatological, hydrological, biogeographical, or geomorphological dimensions of water. Methodological expertise open, but at a minimum candidates should demonstrate an ability to work as a member of multi-disciplinary, multi-method research teams. Regional expertise is open, but the Department has a preference for someone with a strong background in semi-arid lands. Formal affiliation with the University's Water Resources Research Center (<http://cals.arizona.edu/azwater/>) is expected; collaboration with allied units, such as SAHRA (Sustainability of semi-Arid Hydrology and Riparian Areas), the Institute for the Study of Planet Earth, the Office of Arid Lands Studies, the Department of Hydrology and Water Resources, the Udall Center for Studies in Public

Policy, and the Center for Applied Spatial Analysis, is possible. The Department is seeking an individual who is able to work with diverse students and colleagues, and who has experience with a variety of teaching methods and curricular perspectives. JAN 05-17.

To apply, visit the University of Arizona job webpage at www.uacareertrack.com, and enter Job # 31873. Applicants should be prepared to submit a CV, a letter of application outlining current and future research contributions, and the names and addresses of three referees. Additional materials, such as a teaching portfolio and research articles, may be subsequently requested by the Department. The position is open until filled, with applications reviewed on a continual basis beginning

December 1. Anticipated start date is Fall 2005. Appointment is contingent upon final budgetary approval. As an equal opportunity and affirmative action employer, the University of Arizona recognizes the power of a diverse community and encourages applications from individuals with varied experiences, perspectives, and backgrounds M/W/D/V.

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.

***CALIFORNIA, BERKELEY. S.V. Ciriacy-Wantrup Postdoctoral Fellowship in Natural Resource Studies**, University of California, Berkeley.

Fellowships will be awarded for the 2005-2006 academic year to support advanced research to scholars working in the areas of Agricultural & Natural Resource Economics, Business, Energy Studies, Environmental Engineering, Environmental Sciences, Forestry, Geography, Law, Natural Resource Management, Public Health, and Public Policy. Preference will be given to proposals whose orientation is broadly institutional or historical, and which are conceptually and theoretically innovative. Proposals with a primarily statistical or econometric orientation are not eligible for consideration. JAN 05-30-1.

Applications must be received, in triplicate, by Monday, January 10th, 2005.

Further information can be found at <http://research.chance.berkeley.edu/ciriacy/>. Questions may be directed to Kristen Jensen by e-mail at kjensen@berkeley.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, 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, 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 BERNARDINO 92407.** Geography and Environmental Studies - **Assistant Professor**, tenure track, available beginning September, 2005, California State University, San Bernardino, California. Candidates must have a Ph.D. in Geography, Environmental Studies, or a related discipline at the time of hiring. The position will require teaching of **Human Geography and Regional Geography**, both at the lower and

upper division levels, and courses in the candidate's area of expertise. Preference will be given to candidates who can teach introductory GIS and oversee the GIS lab. Candidates will also be expected to do research in their area of expertise. Geography at California State San Bernardino has a strong presence in general education and in teacher training. The geography and environmental studies programs require a dedication to undergraduate teaching. Mail a letter of interest, vitae, three current letters of reference, a list of courses previously taught, and official transcripts to the address below. JAN 05-19-3.

Apply: Jeff Hackel, Chair, Department of Geography and Environmental Studies, California State University, San Bernardino, CA 92407. Closing Date: Until the position is filled. CSUSB is strongly committed to achieving excellence through cultural diversity. The university actively encourages applications and nominations of all qualified individuals. EEO.

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.

***CALIFORNIA, SAN FRANCISCO 94132.** Director (Associate Professor to Professor rank with tenure) for an innovative, expanding, interdisciplinary **Environmental Studies Program**. The ENVS Program at San Francisco State

University currently has about 150 majors, awards degrees in 5 concentrations, and incorporates coursework in six of the eight University colleges. Ph.D. in a relevant field, demonstrated leadership qualities, commitment to teaching and research, and clear potential for securing external funding. Candidates must be committed to working collaboratively with an interdisciplinary group of faculty and students. Rank and salary negotiable and commensurate with experience.

For more details on the position and ENVS Program, please visit our website at <http://bss.sfsu.edu/envstudies>. Please send letter of application, curriculum vitae, three letters of reference, and statement of philosophy of academic leadership to the address below. JAN 05-15.

Apply: Chair, ENVS Search Committee; c/o Department of Geography and HES; San Francisco State University; 1600 Holloway Avenue; San Francisco, CA 94132. Review of applicants will begin on 1 December 2004.

San Francisco State University, a member of the California State University system, serves a diverse student body of over 28,000 undergraduate and graduate students. The University seeks to promote an appreciation of scholarship, freedom, and human diversity through excellence in instruction and intellectual accomplishment. We are particularly interested in attracting women, ethnic minorities, and persons with disabilities. San Francisco State University is an Affirmative Action/Equal Opportunity Employer.

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.



One of the oldest institutions of higher education in this country, the University of Delaware today combines tradition and innovation, offering students a rich heritage along with the latest in instructional and research technology. The University of Delaware is a Land-Grant, Sea-Grant, Urban-Grant and Space-Grant institution with its main campus in Newark, DE, located halfway between Washington, DC and New York City. **Please visit our website at www.udel.edu.**

**Assistant Professor
Associate in Arts Program
(Cultural Anthropology/Geography)**

University of Delaware Associate in Arts Program at the Georgetown, Delaware Campus invites applications for a full time, continuing, non-tenure track teaching position at the Assistant Professor level to begin in September 2005. Duties include teaching introductory socio-cultural Anthropology, introductory world Geography, and other courses in those areas. A Ph.D. in Anthropology is required, as is a strong commitment to quality undergraduate teaching. Teaching experience is desirable, as is a research focus that to some extent straddles the two subjects to be taught. Applications will be accepted until February 1, 2005. Send a letter of application, current curriculum vitae, the names and addresses of three references, and any supporting materials (e.g., course evaluations) to: AA Anthropology Search Committee, University of Delaware, AA Program, 333 Shipley Street, Wilmington, DE 19801. The curriculum vitae and letters of reference shall be shared with departmental faculty.

The UNIVERSITY OF DELAWARE is an Equal Opportunity Employer which encourages applications from Minority Group Members and Women.

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.

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, ATHENS 30602.** University of Georgia. **Associate or Assistant Professor.** Tenure Track position starting August 2005. Joint Position, Department of Geography and the Institute for Women's Studies. Ph.D. required at time of appointment. The **Department of Geography and the Institute for Women's Studies seek a Human Geographer.** We seek an energetic scholar who shares our concern with issues of social justice and our commitment to empirically grounded research that engages contemporary theoretical debates, particularly feminist theory. The successful candidate will be able to contribute constructively to our ongoing substantive and methodological dialogues, which cross traditional boundaries and present considerable opportunities for intellectual engagement. Teaching responsibilities are divided equally between Geography and Women's Studies. The successful candidate is expected to seek external research funding. Applicants should submit a letter of interest describing how feminist scholarship and geography interface in their work, a statement describing research and teaching interests, a curriculum vitae, up to three reprints/samples of written work, and letters from three referees. Applications must arrive no later than January 12, 2005. Only paper applications will be accepted. The University of Georgia is an Equal Opportunity/Affirmative Action Institution. JAN 05-12-1.

Apply: Dr. Andrew Herod, Chair, Human Geography-Women's Studies Search Committee, Department of Geography, University of Georgia, Athens, GA 30602. Voice – 706-542-2856. Fax – 706-542-2388. Email – aherod@uga.edu (inquiries only).

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.

***IDAHO, MOSCOW 83844-3021.** The Department of Geography at the University of Idaho seeks applicants for **Assistant Professor** to begin August 2005. This is a tenure-track appointment in an active department in the College of Science. We are looking for a **specialist in GIScience and GIS applications**, who can strengthen our established programs. Applicants must show promise in building a research program in GIScience with applications to important scientific and policy related problems in either physical or human geography. We offer B.S., M.S., and Ph.D. degrees in Geography, a GIS certificate, and are active partners in the interdisciplinary Environmental Science program and the National GAP analysis project. Ph.D. is required, or expected by June 15, 2005. Ability to teach introductory and advanced courses in GIS is required. Applications will be accepted until the position is filled, but screening will begin on February 15, 2005. JAN 05-43.

Apply: for more information and application instructions visit www.hr.uidaho.edu. AA/EOE.

***ILLINOIS, CARBONDALE 62901 4514.** Southern Illinois University at Carbondale. The Department of Geography and Environmental Resources invites applications for a tenure-track **assistant professor** position to begin August 16, 2005. This is a new "faculty hiring initiative" position that initiates a cluster hire in environmental analysis. Candidates must have research interests in **environmental risk, environmental**

change and GIS. A Ph.D. in Geography or a related field should be completed by time of appointment; if all requirements are not completed, a one-year appointment as Instructor will be offered. Applicants should have a commitment to both undergraduate and graduate teaching and have a professional record that establishes their research and funding potential. The candidate will serve on M.S. and Ph.D. student committees. Candidates must be proficient in English. We seek candidates who can contribute to our many interdisciplinary research teams and participate in our interdisciplinary *Environmental Resources & Policy* Ph.D. program (www.siu.edu/~er&p). Our department maintains a modern spatial analysis GIS lab and we focus on environmental analysis and problem-solving (see www.geography.siu.edu). The Department of Geography and Environmental Resources has a diverse, dynamic, and collegial faculty. We are located in the forested hills between the Mississippi and Ohio rivers. Review of applications will begin January 3, 2005 and continue until filled. Applications should include a letter describing research and teaching experience, CV, and list of three references. Candidates should also include reprints of recent publications. JAN 05-29.

Apply: Leslie A. Duram, Chair, Department of Geography and Environmental Resources, Southern Illinois University Carbondale, Carbondale, IL 62901-4514. Phone: 618/536 3375. FAX 618-453-6465. duram@siu.edu. SIUC is an affirmative action/equal opportunity employer that strives to enhance its ability to develop a diverse faculty and staff and to increase its potential to serve a diverse student population.

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, 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 neighborhood 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, 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.

***INDIANA, MUNCIE 47306. Assistant Professor**, Department of Geography, Ball State University.

One-year contract position available August 19, 2005. The department is seeking a broadly trained human geographer with teaching interests in economic geography and world regional geography. The successful candidate is expected to possess a strong commitment to advising students. Minimum qualifications: ABD in geography or other related disciplines; demonstrated commitment to quality teaching. Preferred qualification: Ph.D. in geography or other related disciplines with special emphasis in economic geography and world regional geography.

Send letter of application, including statement of teaching interests, curriculum vitae, copies of transcripts, and the names and contact information for three references to the address below. JAN 05-22.

Apply: Dr. Chris Airriess, Chair, Search Committee, Department of Geography, Ball State University, Muncie, IN 47306. (Tel: 765.285.1614; Email: cairriess@bsu.edu) Official transcripts will be required upon employment. Review of applications will begin February 28, 2005, and will continue until the position is filled. (www.bsu.edu)

Ball State University seeks to attract a culturally and academically diverse faculty of the highest caliber. Ball State University is an equal opportunity, affirmative action employer and is strongly and actively committed to diversity within its community.

***IOWA, AMES 50011-3095.** College of Design, Iowa State University Vacancy #043773.

The Department of **Community and Regional Planning** at Iowa State University is seeking to fill **two tenure-track or tenured faculty positions** at the rank of Assistant or Associate Professor starting August 16, 2005.

Candidates at the assistant professor level must have, at a minimum, the following required qualifications: a Ph.D. in planning or related field. Potential to excel in teaching, research, and outreach plus AICP membership or eligibility. Candidates at the associate professor level must have a Ph.D. in planning or related discipline with five years of experience, demonstrating a strong record of teaching, research, and/or professional practice plus AICP membership or eligibility. All candidates should be able to teach and perform research in at least two of the following areas: spatial analysis and GIS, community design, local and state economic development, small town/rural focus and/or experience, urban design, land use, regional planning. Candidates should also be able to work in a variety of settings and scales, to secure sponsored funds and grants, to conduct research and outreach, and have practical experience in planning or related field.

Preferences will be given to candidates who have a Ph.D. in planning and a demonstrated record of teaching, at the university level, research and outreach, AICP membership or eligibility. Salary is competitive.

Applicants should send a letter of interest, a copy of their curriculum vitae, names of three references, and a copy of one publication and one course outline in the area of their specialty. The letter should address the applicant's qualifications, courses the applicant is prepared to teach, applicant's research interests and outreach experiences. Please provide an email address for communication purposes. Review of applications will begin January 10, 2005. JAN 05-30.

Applications should be mailed to: CRP Faculty Search Committee, Iowa State University, 126 College of Design, Ames, IA 50011-3095.

For more information about the department, <http://www.public.iastate.edu/~design/crp/crp.html>.

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

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, 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.

***MARYLAND, BALTIMORE 21218.** The Johns Hopkins University, Department of Geography and Environmental Engineering (<http://engineering.jhu.edu/~dogee/>) invites applications for a **tenure-track position in environmental and/or resource economics and its application to public policy**. The Department anticipates that the position will be filled at the Assistant Professor level, although exceptional candidates at the Associate or full Professor level will be considered as well. The Department is concerned with understanding the nature and dynamics of ecosystems, engineered systems, and societies and the design of engineering and scientific strategies and technologies to address pressing environmental problems. This position is a critical bridge in the interdisciplinary structure of the Department's program. The successful candidate would actively participate in the Department's undergraduate program in Environmental Engineering and its interdisciplinary graduate programs, especially the program in Systems Analysis & Economics for Public Decision Making.

Candidates should have a doctorate in economics, public policy, management science, or other appropriate discipline, along with research credentials in a relevant field of applied micro-economic analysis. Candidates with education in engineering or physical sciences are especially encouraged. Experience in collaborating with

engineers, environmental scientists, and social scientists on multidisciplinary projects is highly desirable. The appointee would be expected to establish a funded research program and to teach graduate and undergraduate courses in microeconomics for engineers, as well as environmental and natural resource economics, and quantitative analysis of public policy.

Send letter of interest, curriculum vitae, a one- to two-page summary of research and teaching competencies, relevant papers and publications, and the names of three references to the address below. JAN 05-13.

Apply: Chair, Environmental Economics Search Committee, Department of Geography and Environmental Engineering, 313 Ames Hall, The Johns Hopkins University, Baltimore, MD 21218. Review of applications will begin immediately and continue until the position is filled. Women and minorities are strongly encouraged to apply. The Johns Hopkins University is an EEO/AA employer.

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, BOSTON 02125-3393.** University of Massachusetts Boston. The Department of Environmental, Earth and Ocean Science (EEOS) (<http://www.ecos.umb.edu>) seeks **two tenure-track faculty** for September 2005:

Search #525b: **Assistant Professor in Coastal Geology/Physical Geoscience** with research focused on the coastal environment. Competency in GIS preferred.

Search #520b: **Assistant or Associate Professor in either Geographic Information Technologies (GIT) or Environmental Remote Sensing Using GIS.** For GIT, preference will be given to applicants with experience in applying GIS for urban/economic applications as well as applications that link urban dynamics with coastal and ocean environments. For Remote Sensing, applicants should have experience with GIS, spatial statistics and their integration with remote sensing, and have experience with high resolution and hyper spectral imagery and large dataset management. The successful applicant is expected to participate in the GIS certificate program and the campus-wide Applied GIS Core Facility. The individual must have interests in understanding and managing the effects of natural and human perturbations on linked watershed-coastal or coastal-marine ecosystems.

Applicants for both positions must have a fundamental commitment to join a multidisciplinary faculty that emphasizes linkages between the social and natural sciences. Preference will be given to candidates with strong quantitative skills, with a sincere commitment to interdisciplinary research who are willing to both initiate and participate in team-based research projects, and whose research complements research by other EEOS faculty. Applicants must have a well-conceived research and teaching program, capable of supporting graduate research through external funding. Teaching responsibilities include supervising graduate and undergraduate students and teaching both undergraduate and graduate courses related to their discipline. Qualifications: Ph.D. with post-doctoral experience. Send a cover letter that includes statements of interests and goals in research and teaching, c.v., and three letters of reference to the address below. JAN 05-5.

Apply: EEOS Search, Dean of the College of Science and Mathematics, Search 525b (geo) or 520b (GIT), UMass Boston, 100 Morrissey Blvd.,

Boston, MA 02125-3393. Application review will begin on 15 December and continue until position is filled. UMass Boston is an Affirmative Action, Equal Opportunity Title IX employer.

***MASSACHUSETTS, WORCESTER.** The Department of Physical and Earth Sciences invites applications for two tenure-track positions at the Assistant Professor level beginning in fall 2005.

Position 1: Geomorphology. Minimum requirements include a Ph.D. in Geography or related discipline and undergraduate teaching experience. Candidates should be broadly trained in Physical Geography with strong GIS skills. The position involves teaching introductory Geomorphology, sections of introductory Physical Geography and upper level courses in the candidate's area of expertise. A specialization in fluvial or coastal processes and environments is preferred. The ability to develop a soils course and to integrate geoscience technologies into teaching and research are also desirable.

Position 2: Geographic Technologies (GIS). Minimum requirements include a Ph.D. in Geography or a related geoscience, expertise in GIS and remote sensing, research experience in a human or physical geography application, and undergraduate teaching experience. The position involves teaching introductory cartography, GIS, advanced GIS, and geographic research methods. The successful candidate will be expected to develop courses in introductory remote sensing, GIS and remote sensing applications, and upper level courses in one's area of specialization. The person hired will also assume primary responsibility for managing the GIS lab.

Applicants must demonstrate potential for excellence in undergraduate teaching and scholarship, an active research agenda and a commitment to public higher education. A potential for involving undergraduates in research is also highly desirable. Worcester State College is part of the Massachusetts state college system. The position carries full state benefits, and the contractual teaching load is 12-semester hour's credit per semester.

Submit letter of interest, curriculum vitae, professional resume, original transcripts (highest degree) and three current letters of recommendation to the address below. JAN 05-33.

Apply: Director of Human Resources, Worcester State College, 486 Chandler Street, Worcester, MA 01602-2597. Screening of applicants will begin November 20, 2004, and will continue until the position is filled. Worcester State College is an equal opportunity/Affirmative Action Employer, M/F/D/V.

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, EAST LANSING 48824.** Michigan State University invites applications for a **full-time, tenure-track position**, beginning Fall 2005, to direct the Program for Global Urban Studies in the College of Social Science (PRGUS). PRGUS is a new multi-disciplinary graduate program designed to further research and teaching in the comparative and transnational aspects of urbanization. The rank is at either the Associate or Full Professor levels and the tenure home will be located in a relevant academic department. Candidates should have a PhD in a traditional discipline such as but not restricted to Anthropology, Criminal Justice, Psychology, Geography, Sociology, Economics, or Political Science. The director of PRGUS will manage a multi-disciplinary graduate program, teach in the program, cultivate collaborations within the university community, seek external funding, and be prepared to speak prominently, nationally and internationally, on behalf of urban related issues. We seek candidates whose background, experience, and vision for the future will provide innovative leadership in all aspects of PRGUS' mission in the context of a rapidly evolving transnational urban environment. The ideal candidate will have an impressive record of

scholarly achievement, be particularly supportive of multi-disciplinary research, and will be expected to maintain an active and successful research program. International experience is desirable. Salary is commensurate with qualifications and experience. Applications will be accepted until December 31, 2004 or until a suitable candidate is selected. Letter of application, accompanied by a curriculum vitae, a representative scholarly paper, and the names and addresses of three references should be sent to the address below. JAN 05-38-3. Apply: Chair PRGUS Search Committee, Department of Political Science, Michigan State University, 303 S. Kedzie Hall, East Lansing, Michigan 48824. MSU is an Affirmative Action/Equal Opportunity Institution.

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, GRAND RAPIDS 49546.** Calvin College, Department of Geology, Geography, and Environmental Studies.

Applications are invited for a **one-year sabbatical leave replacement** position beginning September 2005, pending final administrative approval. Calvin College is a Christian liberal arts college of the Christian Reformed Church and is an equal opportunity employer. Ph.D. in hand or near completion is required. The successful candidate will be asked to teach courses in **introductory earth systems**, a course in **geomorphology**, and an advanced course relating to the candidate's field of specialization. Rank and salary are open. Faculty members are expected to uphold the college's religious and educational mission. Visit the Provost's Office web site at <http://www.calvin.edu/admin/provost/>. Applicants should send a resume, transcripts, and three letters of recommendation to the address below. JAN 05-36.

Apply: Dr. Ralph Stearley, Department of Geology, Geography, and Environmental Studies, Calvin College, Grand Rapids, MI 49546. Applications should be submitted by Mar. 1, 2005.

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, UNIVERSITY CENTER 48710. Assistant Professor of History/Geography.**

The Department of History/Geography at Saginaw Valley State University seeks applicants for a tenure-track Assistant Professor position starting Fall 2005, with the possibility of beginning earlier. Seeking a geographer to teach introductory courses and upper-division courses in her/his specializations. Introductory courses include World Regional Geography and Introduction to Physical Geography. All specializations considered, but applications from economic, political, and physical geographers, and those with regional expertise outside North America, Latin America, and Africa, are especially encouraged. First priority will be given to applicants with Ph.D. in hand, but advanced ABDs will be considered. The successful candidate will exhibit a strong commitment to undergraduate teaching and to developing new geography programs. SVSU offers excellent benefits and retirement program. For more information about SVSU, visit our website at www.svsu.edu. For full consideration, please send letter of application specifying the position of interest with curriculum vitae and contact names, addresses, and emails of three professional references to the address below. JAN 05-3.

Apply: Employment & Compensation Services, Saginaw Valley State University, 7400 Bay Road, University Center, MI 48710. Screening of applicants will begin immediately and continue until the position is filled. SVSU is an EO/AA employer. Women and minorities are encouraged to apply.

***MINNESOTA, BEMIDJI 56601-2699. Assistant Professor/Instructor In Geography**, probationary, tenure track. Salary is competitive. Date of appointment: August 24, 2005, (approximately). *Responsibilities:* The successful candidate will teach courses in geography. Courses will include both introductory and upper level courses in Physical Geography, GIS, Site Analysis and Planning, and Field Geography. The faculty member will be expected to recruit more majors and advise students in the program. The faculty member should anticipate involvement with interdisciplinary teaching and distance learning

delivery. In addition to classroom responsibilities and student advising, the successful candidate will be required to continue his/her professional development and work with other faculty members in university and community service. *Qualifications:* A Ph.D. or ABD in geography at the time of appointment with documented schedule for completion within a year, and the evidence of effective teaching are required. A doctorate is required for favorable tenure consideration. Commitment to quality teaching is expected from all candidates. Applicants should exhibit an interest in and the ability to teach a diversity of courses at all levels of undergraduate geography. Graduate coursework in the areas of responsibility is expected as is promise for scholarly achievements. *Application Information:* Applicants should submit a letter of application, resume and curriculum vitae, official copies of graduate transcripts (official transcripts are required at the time of employment), three letters of reference, copies of publications, and teaching evaluations. (Persons writing letters of reference should be advised of Minnesota's open record law, which can make such letters available to applicants upon request.) JAN 05-6.

Apply To: Dr. Ranae Womack, Dean, College of Social and Natural Sciences, Attention: Geography Search Committee, Bemidji State University, 1500 Birchmont Drive NE #27, Bemidji, MN 56601-2699. Email: rwomack@bemidjistate.edu. *Inquiries may be directed to:* Dr. Satish Davgun, 1500 Birchmont Drive NE #23, Bemidji State University, Bemidji, MN 56601-2699. Tel: 218-755-3350. Email: sdavgun@bemidjistate.edu. Application deadline: Review of applications will begin January 31, 2005, and will continue until filled.

Bemidji State University is an Equal Opportunity Educator and Employer.

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 graduate 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, P.O. 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.

***MONTANA, MISSOULA 59812-5040.** The Department of Geography at The University of Montana-Missoula seeks a **physical geographer** with expertise in water resources and soil science to fill a tenure-track position as **Assistant Professor** of Geography, beginning August 2005. A Ph.D. in geography or a closely related field must be in hand by start of appointment. The salary is competitive.

We seek a dynamic candidate with demonstrated research potential and an enthusiasm for teaching at the undergraduate level. Particular importance is attached to research related to mountain environments and/or agriculture, and that will involve undergraduate and graduate students. Use of GIS in research is expected. In addition to research in the Rocky Mountain West, a foreign-area focus upon Central Asia or the Middle East would complement existing emphases within the department. The successful candidate will teach introductory courses in physical geography and upper-division and graduate courses in field techniques, GIS applications to physical geography, and other systematic courses in his or her area of specialty. The faculty member will also provide service to the university, the community, and the state of Montana. Applicants should forward a statement describing their research and teaching interests, documented evidence of teaching excellence, a current curriculum vitae, and the names of three references to the address below. JAN 05-25.

Apply: Jeffrey A. Gritzner, Chairman, Department of Geography, The University of Montana, Missoula, Montana 59812-5040. Voice mail: 406-243-4302. Facsimile: 406-243-4840. Email: jeffrey.gritzner@umontana.edu. Review of applications will begin January 10, 2005 and will continue until the position is filled. This position announcement can be made available in alternative formats upon request. For additional information about the department, see www.

[umt.edu/geograph](http://www.umt.edu/geograph). ADVANCE/PACE grant funding is available to encourage women and minorities to apply. The University of Montana is an Equal Opportunity/Affirmative Action Employer.

***MONTANA, MISSOULA 59812.** **Assistant Professor, Integrated Natural Resource Planning.** Nine-month, tenure track position in the Department of Forest Management, College of Forestry and Conservation, The University of Montana, to begin Fall 2005. PhD in forestry or related natural resources field with emphasis in integrated planning at the landscape level required at time of appointment. Successful candidate will be expected to teach undergraduate and graduate courses in GIS and Natural Resource Planning and to develop an externally funded research program. Screening of applications will begin Jan. 15, 2005 and continue until suitable candidate is found. Applications should include a letter detailing teaching and research interests, a curriculum vita, names and addresses of three professional references, and a copy of transcripts for all degrees. All application materials should be sent to the address below. JAN 05-14.

Apply: Dr. Stephen Siebert, Chair, Search Committee, College of Forestry and Conservation, The University of Montana, Missoula, MT 59812. Additional information on web page at: <http://www.forestry.umt.edu/kiosk/employment/>.

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 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.

***NEW YORK, PALISADES.** CIESIN is seeking a **Staff Associate(s) for its Poverty Mapping Project**. Responsibilities will include participation in the production of a global poverty map utilizing subnational spatial data; preparation of a compendium of high-resolution poverty maps; preparation of data sets and catalogues for analysis

and public dissemination, and assistance in the analysis of the relationship between the spatial distribution of poverty and biophysical features such as soil fertility, water availability, and transportation access. Work is undertaken in close collaboration with the United Nations Millennium Project and the World Bank. Interaction with other partners will be necessary.

The position requires a bachelor's degree and four years related experience or Master's degree and two years related experience in policy-relevant field with training in quantitative and spatial analysis. Advanced degree preferred. Must show experience in cross-disciplinary research, and demonstrated ability to work effectively in interdisciplinary teams. Requires proficiency with statistical software (SPSS, Stata, SAS, R, or equivalent) and Geographic Information System software (ArcGIS or equivalent). Individuals should be able to demonstrate their effectiveness at working in teams as well as individually. JAN 05-32.

To apply, please submit by electronic format: a letter of application including position reference number LD67004028, a resume or C.V. that includes email address; a short statement of interest and career goals (1 page); and contact information for three references to: personnel@admin.ldeo.columbia.edu with position number LD67004028 also in the subject line. Screening will begin after the ad appears for 30 days. Salary is contingent upon education and experience.

***NEW YORK, WEST POINT 10996. Assistant Professor.** The United States Military Academy invites applications for an Assistant Professor position within the Geography Program in the Department of Geography & Environmental Engineering, starting in the Fall semester of 2005, with a reporting date of 1 July 2005. We are seeking an **Environmental Geographer** with a broad background in physical geography or environmental geography and an understanding of human - environment interactions. Proficiency is also expected in several technical areas such as GIS, remote sensing, and cartography. Principal responsibilities will include academic leadership, teaching, and scholarship in the field of geography. Specific duties will include teaching undergraduate courses in geography, to include a capstone course in environmental geography; mentoring cadets; supervising faculty and academic programs; curriculum development; junior faculty development; service on faculty committees; and research. Dedication to excellence in teaching is an absolute requirement of this position. Individuals must have a strong commitment to the educational, military, physical, and ethical development of cadets.

Applicants should have a Ph.D. in geography at the time of appointment. This is regarded as a long-term position with commensurate academic promotion potential. Military experience is neither expected nor required.

Individuals interested in applying for this position should send a letter of application, curriculum vitae, and three letters of recommendation by 11 February 2005 to the address below. JAN 05-23.

Apply: Dr Jon Malinowski, Department of Geography & Environmental Engineering, United States Military Academy, West Point, New York 10996-1695. Telephone: (845) 938-4673, FAX: (845) 938-3339, e-mail: mal@usma.edu

The United States Military Academy is an Equal Opportunity, Affirmative Action Employer.

***NORTH CAROLINA, CHAPEL HILL 27599-3220.** The Department of Geography at the University of North Carolina – Chapel Hill invites applications for an **open rank tenured or tenure-track faculty position in Health and Environment**. The position will begin in July, 2005. A Ph.D. degree in Geography or a related field is required by date of employment. The position emphasizes a geographic perspective in research and teaching in environmental health, medical geography, or health policy. Explicit links to one or more department strengths in environmental systems, human-environment interactions, globalization and development, social spaces, and geographic information science are expected. Health-environment issues associated with land use/land cover change, climate change, and urban and social environments at local to international settings are of particular interest. A record or promise of excellence publishing, teaching and advising, and a demonstrated skill to secure external funding is expected. The Department has a strong commitment to multi-disciplinary and inter-disciplinary research and teaching, and provides opportunities for interactions with other academic units including the Carolina Population Center, Sheps Center for Health Services Research, Carolina Environmental Program, Office of Global Health, Center for Environmental Health and Susceptibility, Program on Ethnicity, Culture and Health Outcomes, School of Public Health, the Medical School and the Center for Urban and Regional Studies. Additional collaboration with units in nearby Research Triangle Park include the US EPA National Exposure Research Lab (NERL), the National Health and Environmental Effects Research Lab (NHEERL), and the NIH National Institute for Environmental Health (NIEH) and

National Toxicology Program. UNC Chapel Hill is a top five public university, set in a pleasant community in the Research Triangle of North Carolina. Close ties with Duke University and North Carolina State University extends our stimulating academic environment.

Review of applicants will begin on 7 January 2005. Applicants should send a letter of application that contains a complete curriculum vitae, names and contact information of three references, as well as a statement of research (including a description of external funding plans), and teaching interests. Women and minorities are encouraged to apply. Application material should be sent to the address below. NOV 04-218-3.

Apply: Professor Stephen J. Walsh, Search Committee Chair – Health and Environment, Department of Geography, University of North Carolina – Chapel Hill. For additional information: swalsh@email.unc.edu (email); 919-962-3867 & 919-966-2153 (voice), 919-962-1537 (fax); www.unc.edu/depts/geog/ (department web page).

The University of North Carolina at Chapel Hill is an Equal Opportunity Employer.

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, 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.

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, DAYTON 45435-0001. Geography/Urban Affairs Position.**

Wright State University. Tenure-track, **Assistant Professor** position beginning September 2005. The Department of Urban Affairs and Geography seeks a Doctorate or exceptional ABD with the ability to teach and apply GIS. Applicants should have a record of, or demonstrate their potential for, applied research, quality teaching, community service, and a research agenda likely to produce scholarly publications. Primary teaching responsibilities, graduate and undergraduate, will be GIS courses and related subjects as needed such as urban geography, economic location analysis, and transportation. The successful candidate will have the ability to develop geo-spatial courses and participate in shaping the program's future. They will also have the opportunity to lead funded applied research projects supported by The Center for Urban and Public Affairs within the Department. The Center plays a critical role in regional development and University outreach. The successful candidate will be afforded many opportunities to work with faculty, staff and students at Wright State University and to join with seven other Ohio urban universities in research, technical assistance, and outreach addressing urban problems. Please send: 1) a letter of application; 2) curriculum vitae, 3) teaching evaluations (if applicable); and 4) names of three references and contact information to the address below. JAN 05-11.

Apply: Jack Dustin, Chair, Search Committee, Department of Urban Affairs and Geography, Wright State University, Dayton, Ohio 45435-0001. Review of applicants will begin January 14, 2005 and continue until the position is filled.

Wright State University is committed to achieving full equal opportunity in all aspects of university life and is a national leader in accommodating the needs of students with disabilities. As an EEO/AA employer, the Department strongly encourages applications from women, minorities, and persons with disabilities. Detailed information about the University is available at www.wright.edu.

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, EDMOND 73034.** The University of Central Oklahoma (UCO) seeks a full-time, tenure-track **Instructor/Assistant Professor of Geography** in the Department of History and Geography beginning August 15, 2005.

Responsibilities: Teaching introduction to geography, world regional geography, and a wide range of upper-division geography courses; collaboration in expansion of the geography program and work in cross-disciplinary courses and projects.

Qualifications: Ph.D. in geography; ABD will be considered if Ph.D. is completed by August 2005. Preference will be given to candidates with a specialty in cultural or political geography. Previous teaching experience and regional specialty in Europe and/or Asia are also preferred.

Salary: Commensurate with credentials and experience.

Position open until filled with preference given to applications received by February 1, 2005, when applicant screening begins. JAN 05-26.

To Apply: Submit the following materials online to <http://jobs.ucok.edu>: Letter of application; list of three references with contact information including e-mail addresses; curriculum vita; and copies of transcripts for all college degrees.

UCO is an Affirmative Action/Equal Opportunity Employer.

For more information about the position, contact Dr. Kenny Brown, Chairperson, Department of History and Geography at (405) 974-5277 or kebrown@ucok.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, 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, FORT WASHINGTON 19034.** Position: Geodemographer Employee Type: Full Time.

Leadership through Innovation... Marketing Systems Group is a dynamic and growing full-service statistical sampling company located in Ft. Washington, PA. Our clients include all the major social science research firms, Federal agencies (e.g., CDC, US Census Bureau) and commercial survey research firms. We have an opening for a **geodemographer**.

Responsibilities include but are not limited to: Fulfilling both internal and client requests for demographic reports/information; Researching sources for demographic information and resolving discrepancies; Defining geographic-specific sample frames for client-defined areas and

non-standard industry-specific geographies; and Production of both simple and multi-layered maps for a variety of projects.

Requirements: Detailed working knowledge of all levels of US geography, including both census and postal definitions; Experience with mapping software such as MapInfo; Experience with commercial and/or governmental data sources (e.g., 2000 Census and CPS data); Experience with demographic data, including interpretation, aggregation and report generation; and Familiarity with one or more of SAS, SPSS, MS Excel, MS Access.

A statistical background a definite plus. Applicant must possess excellent analytical and communication skills, be comfortable working independently and in a multi-team environment with internal staff and clients.

Marketing Systems Group offers a competitive benefits package and casual working environment. Only resumes with salary expectations will be reviewed. No phone calls will be accepted. You can mail, fax or email your resume to the address below. JAN 05-21.

Apply: Marketing Systems Group Attn: GEODEM, 565 Virginia Drive, Fort Washington, PA 19034. 215-653-7115. humanresources@m-s-g.com.

Marketing Systems Group is an Equal Opportunity Employer.

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 remote sensing and geomorphology 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 or Geology required (PhD must be completed by August 2005). Broad training, with expertise in remote sensing and geomorphology, including applications to environmental concerns are required. The candidate must demonstrate a commitment to the education of diverse populations. Successful performance in an on-campus interview, including teaching demonstration is also required. Responsibilities: Teach remote sensing, geomorphology, 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. 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. JAN 05-40.

Apply: Carol Prorok, Search Chair, Department of Geography, Geology, and the Environment, Slippery Rock University, Slippery Rock, PA 16057, Phone: 724-738-2384, Fax: 724-738-4762, Email: carolyn.prorok@sru.edu Review of applications will begin March 1, 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, 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, WEST CHESTER, 19383.**

West Chester University. Department of Geography and Planning, seeks an Assistant Professor, full-time, tenure-track position starting Fall 2005. Ph.D. preferred in Geography, Planning, or other related field; ABD considered.

The department is seeking a candidate with qualifications to teach undergraduate and graduate courses in Geographic Information Systems (GIS).

The successful candidate is expected to teach introductory geography courses, to teach courses in GIS theory and applications at both

the undergraduate and graduate levels, to direct student projects and theses, and to mentor students. The normal teaching load is 12 credit hours per semester. Candidates should have a minimum of two years experience in using GIS software. Preference will be given to the candidate with demonstrated teaching and research experience and skill in working with undergraduate and graduate students, a willingness to participate in multi-disciplinary projects, and potential for initiating GIS-based projects with public and private agencies.

The West Chester University Department of Geography and Planning has exceptional facilities to support strengths in GIS and mapping science.

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

Review of applicants will begin immediately, and continue until the position is filled. Finalists must successfully complete interview and/or teaching demonstration.

Send application letter, vitae, and names of three referees. JAN 05-41.

Apply to: Dr. James P. Lewandowski, Department of Geography and Planning, West Chester University, West Chester, PA 19383. Voice 610-436-2343. Fax 610-436-2889. Internet jlewando@wcupa.edu. Women and minority candidates are encouraged to apply. West Chester University is an equal opportunity/affirmative action employer.

***RHODE ISLAND, PROVIDENCE 02908.**

Assistant Professor of Geography (pending budgetary approval). Rhode Island College, anticipates a vacancy for a full-time, tenure-track Assistant Professor position in Geography, Fall 2005. Required: Ph.D. and teaching experience in geography or a closely-related discipline, strong background in world regional geography, and ability to teach undergraduate geographic methods courses with an emphasis on GIS.

Responsibilities will include teaching geography courses for majors in geography as well as in secondary and elementary education, at both the introductory and upper division level, and participation in various college endeavors, including the activities of the Center for Public Policy and the preparation of K-12 teachers.

Applications must be received by February 4, 2005. Mail or fax (email not accepted) cover

letter, resume, Transcripts and three current letters of references to the address below. JAN 05-7.

Apply: Office of Human Resources, Attn: Search Code: GEOG 1-05 Rhode Island College, 600 Mt. Pleasant Avenue, Providence, RI 02908. Fax # 401-456-8717. TDD # 401-456-8216.

An Affirmative Action/Equal Opportunity Employer.

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, 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 rjstern@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, transportation geography, smart growth or a related field**. Preference will be given to candidates with the ability to apply GIS to contemporary urban/economic problems at various scales. The successful candidate will be expected to play a major role in expanding our master's track in Urban Environmental Management. The Department has an applied orientation with approximately 30 master's students, 105 bachelor's students, and a very successful internship program. The capacity to work effectively in a dynamic, collegial and 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 related to the individual's areas of expertise. The average teaching load is two courses per semester. Ph.D. 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. Review of applicants will begin January 15, 2005 and continue until the position is filled. UNT is an AA/ADA/EOE. NOV 04-211-3.

***TEXAS, HUNTSVILLE 77341-2148.** The Department of Geography and Geology invites applications for an **Assistant Professor**, tenure-track, beginning August 2005. The department seeks a broadly trained geographer or earth scientist with a commitment to both teaching and research in one or more of the following areas: GIS; Remote Sensing; 3xD Visualization of subsurface phenomena; Computer Cartography. Starting salary will be within the range of \$55k-\$65k. Appointees will be expected to have a clearly articulated plan for externally funded research and for regular publication of refereed scholarship, and as a successful faculty member will need to demonstrate an evolving mastery of

both teaching and scholarly productivity. Teaching courses closely linked to their research focus will constitute a core activity but candidates also will be expected to teach in our broad introductory program in Geography. To apply submit a letter of application that includes the following: an outline of teaching experience and a summary of teaching philosophies, a summary of present research experience and an outline plan of the next four years of research and scholarly activity; CV, transcripts; and the names and e-mail addresses of at least three referees via snail mail to the address below. JAN 05-1.

Apply: Dr. Chris Baldwin (Chair, Search Committee), Sam Houston State University, Department of Geography and Geology, Box 2148, Huntsville, TX 77341-2148 or electronically to baldwin@shsu.edu. For more information visit http://www.shsu.edu/~gel_geo/. SHSU is an equal opportunity/affirmative action employer that welcomes applications from all underrepresented groups.

* **TEXAS, KINGSVILLE 78363.** Texas A&M University-Kingsville.

The Department of Physics/Geosciences has a tenure-track opening at the **assistant or associate professor** level for a **GIS/Remote Sensing** expert. Candidates should have a Ph.D. from a regionally accredited institution in Geology, Physical Geography, Environmental Science, or related field. A demonstrated ability to obtain external funding via grants and contracts is also required. The final candidate will be expected to work with other units on campus, particularly with our College of Agriculture, Environmental Engineering department, Biology department, and the College of Education, on GIS/Remote Sensing projects. In line with the department's strategic vision, preference will be given to those candidates that can also support our planetary sciences group. Materials needed for review include a cover letter, vita, proposed research program, statement of teaching philosophy, and contact information for three references. Send these to the address below. JAN 05-2.

Apply: Dr. Daniel Suson, GIS Search Committee Chair, Department of Physics/Geosciences, MSC 164, Texas A&M University-Kingsville, Kingsville, TX 78363. Review of applications will begin on Jan. 15, 2005, although applications will be accepted until the position is filled. Materials needed for a complete application can be found at http://www.tamuk.edu/jobs/faculty_positions.htm. EEO/AA/ADA.

***TEXAS, SAN ANTONIO 78249-0655.** The University of Texas at San Antonio, Department of Political Science and Geography, College of Liberal and Fine Arts, seeks candidates for an **open rank**, tenure-track or tenured position in **Social Geography**, pending budget approval. Begins August of 2005. Responsibilities include teaching introductory and upper level geography and social science courses. Courses will be offered at the UTSA 1604 or Downtown Campus, and may include evening classes. Required Qualifications: Candidate must demonstrate commitment to quality teaching, research, and development of the geography program in the university and community. Ph.D. required at time of appointment. Preferred Qualifications: specialization in **Medical Geography**; experience in obtaining external grants. With respect to rank, qualifications are as follows: *Assistant professor* applicants should have demonstrated scholarly expertise in their field. *Associate professor* applicants are expected to have a substantial publication record and evidence of emerging leadership in their field. *Full professor* applicants are expected to have an established national or international reputation as an acknowledged leader in their area of scholarship. Applicants must submit (by mail) a letter of application that specifies which rank(s) they wish to be considered for, and their qualifications for that rank. The applicant must also submit curriculum vita; a copy of graduate transcripts (official not required); samples of written work; two syllabi for geography courses taught or proposed by the applicant; and teaching evaluations (if available). Applicants should submit names and addresses (including position, email address, and phone number) of three references who are familiar with the applicant's work. Applicants who are not U.S. citizens must state their current visa and residency status. UTSA is an affirmative action/equal opportunity employer. Women and minorities are encouraged to apply. JAN 05-34.

Apply: Chair, Social Geography Recruitment Committee, Department of Political Science and Geography, The University of Texas at San Antonio, 6900 N. Loop 1604 West, San Antonio, TX 78249-0655. Review of applications will begin December 1, 2004, and continue until the position is filled.

***TEXAS, SAN ANTONIO 78249-0655.** The University of Texas at San Antonio, Department of Political Science and Geography, College of Liberal and Fine Arts, seeks candidates for a tenure-track or tenured position at the **Assistant or Associate Professor** level, in **Geographic**

Information Systems, pending budget approval. Begins August of 2005. Responsibilities include teaching lower division, upper division, and graduate GIS courses. Courses will be offered at the UTSA 1604 or Downtown Campus, and may include evening classes. Required Qualifications: Candidate must demonstrate commitment to quality teaching, research, and development of the geography program in the university and community. Ph.D. required at time of appointment. Preferred Qualifications: ability to teach sections of physical geography and introductory survey courses in geography; experience in obtaining external grants. With respect to rank, qualifications are as follows: *Assistant professor* applicants should have demonstrated scholarly expertise in their field. *Associate professor* applicants are expected to have a substantial publication record and evidence of emerging leadership in their field. Applicants must submit (by mail) a letter of application that specifies which rank(s) they wish to be considered for, and their qualifications for that rank. The applicant must also submit curriculum vita; a copy of graduate transcripts (official not required); samples of written work; two syllabi for geography courses taught or proposed by the applicant; and teaching evaluations (if available). Applicants should submit names and addresses (including position, email address, and phone number) of three references who are familiar with the applicant's work. Applicants who are not U.S. citizens must state their current visa and residency status. UTSA is an affirmative action/ equal opportunity employer. Women and minorities are encouraged to apply. JAN 05-35.

Apply: Chair, GIS Recruitment Committee, Department of Political Science and Geography, The University of Texas at San Antonio, 6900 N. Loop 1604 West, San Antonio, TX 78249-0655. Review of completed applications will begin upon receipt and continue until the position is filled.

***UTAH, LOGAN 84322.** Utah State University is seeking applicants for a **Ph.D. Research Assistantship** available starting Fall 2005 in a **shrubsteppe ecosystem research program** focused on threatened and endangered species management, disturbance and restoration ecology, and landscape change detection (<http://www.cnr.usu.edu/shrubmap>). One student will be recruited for remote sensing topics and will work with multiple years of 1m-resolution satellite imagery collected at three times during each growing season. Responsibilities will include: Developing and implementing landscape change metrics; Mapping land cover; Working closely

with other project scientists and students to develop remote sensing driven models to predict animal habitat; and Assessing scaling functions associated with degrading the spatial resolution of remote sensing inputs.

Stipends are \$20,400/year and include tuition waivers worth \$12,500 per year. Minimum entry requirements are a 3.0 GPA and 1100 combined GRE scores. Candidates must apply to the USU School of Graduate Studies (<http://www.usu.edu/gradsch>) and the S.J. & Jessie E. Quinney Ph.D. Fellowships Program (<http://www.cnr.usu.edu>). Also send copies of application materials, CV, copies of letters of reference, and a statement of interest to the address below. Applications to the Quinney Fellowships MUST state they are interested in the Shrubsteppe Modeling Program. JAN 04-39.

Apply: Thomas C. Edwards, Jr., USGS Utah Cooperative Research Unit, College of Natural Resources, 5290 Old Main Hill, Utah State University, Logan, UT 84322-5290. Contact tce@nr.usu.edu for information. Application review begins 15 January 2005.

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.

***UTAH, SALT LAKE CITY 84112.** Position Advertisement: **Public and International Affairs.**

Responsibilities: The University of Utah is seeking an accomplished senior scholar with expertise in public policy who would hold a joint appointment as a **senior associate or full professor** in the newly established Institute of Public and International Affairs (IPIA) and one of the seven departments in the College of Social and Behavioral Health Science (CSBS). Departments in CSBS include anthropology, economics, family and consumer studies, geography, political science, psychology, and sociology. Research areas might include, but are not limited to, community-based planning, economic policy, environmental policy, family policy, public participation GIS, social welfare policy, and urban affairs.

Qualifications: Applicants should have a Ph.D. and outstanding records of scholarly publication and externally funded research that have contributed to policy debates in their areas of expertise. The successful candidate must be familiar with current issues in public policy, have effective interpersonal skill, and an established research program, and will contribute to core public policy teaching, undertake research projects that will advance the IPIA's public policy emphasis, and assist leadership in building the IPIA's national reputation. We encourage applications from individuals who are excited about working in a multi-disciplinary environment. Prior experience as a public policy practitioner will be considered favorably. The appointment will be at the full or senior associate level, depending on the applicant's qualifications.

Application Deadline and Start Date: Applications should be received by March 1, 2005 for earliest consideration. The search committee may consider applications received after this time

until the position is filled. This is a new position with a potential starting date of July 1, 2005. JAN 05-44.

Apply: Send letters of interest, vitae and three letters of reference, or nominations, to Dean J. Steven Ott, Search Committee Chair, University of Utah, 260 S. Central Campus Dr. Rm 205, Salt Lake City, UT 84112.

The University of Utah is an Equal Opportunity, Affirmative Action Employer, encourages nominations and applications from women and minorities, and provides reasonable accommodation to the known disabilities of applicants and employees.

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, HARRISONBURG 22807.** The Geography Program within the Department of Integrated Science and Technology at James Madison University invites applications for a tenure-track **Assistant Professor of Geography Studies** to begin in August 2005. The successful candidate will have an academic focus and field experience in Natural Resource Management for water, soil, or forest resources, with appropriate skills in GIS for Environment or GPS. Applicants with an international research focus and experience are especially desirable. Primary teaching responsibilities support the environmental studies and global studies concentrations for B.A. and B.S. degrees in Geography, as well as a general education geography service course. Applicants should have enthusiasm for teaching and research in a growing Geography degree program with over 100 majors. Ph.D. in Geography [or advanced ABDs with imminent defense date] is required.

JMU is located in the beautiful Shenandoah Valley nestled between Shenandoah National Park and George Washington National Forest. Additional information on the University and the Geography program can be found at <http://www.jmu.edu>. Interested candidates should submit a letter of application, current curriculum vitae, three letters of recommendation, and supporting materials regarding teaching and research to the address below. JAN 05-28-1.

Apply: Geographic Science Search Committee, James Madison University, Integrated Science and Technology Department, MSC 4102, Harrisonburg, VA 22807. The deadline for receipt of applications is January 17, 2005 and a review of applications will continue until the position is filled. James Madison University is an equal opportunity/Affirmative Action/equal access employer and especially encourages applications from minorities, women, and persons with disabilities.

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.

***WISCONSIN, KENOSHA 53140.** Carthage College, Environmental Science Program. Carthage College invites applications for an

annual to multi-year **Assistant or Associate professor** appointment in the **Environmental Science** Program. This appointment is open with regard to specialization and will begin Fall 2005. Candidates must hold a Ph.D. in Environmental Science or a related field (e.g. Geography, Biology, Chemistry, etc.) by September 2005. Carthage values excellence in teaching, interaction with students and faculty-student research. The successful candidate must demonstrate an enthusiastic commitment to teaching undergraduate students and faculty-student research within a small liberal arts college environment. The ideal candidate will be broadly trained in Environmental Science and: (1) teach a variety of Environmental Science courses at both the introductory and upper division level; (2) facilitate faculty-student research; and, (3) teach in the College's core curriculum Discovery program or Heritage program. Opportunities to teach/develop courses in other areas of interest will also be available.

Founded in 1847, Carthage is located on the shore of Lake Michigan, midway between Milwaukee and Chicago, and is affiliated with the Evangelical Lutheran Church in America. The college has experienced strong growth in recent years, as evidenced by the creation of our Environmental Science Program which is now in its third year.

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. JAN 05-18.

Apply: Professor Charlotte Chell, Chair, Natural Sciences Division, Carthage College, Kenosha, WI 53140-1994 cchell@carthage.edu, (262) 551-5729. Review of applications will begin immediately and continue until the position is filled.

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, 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 H3A 2K6. The Department of Geography invites applications for the following positions: **Terrestrial Global Hydrology And Climatology (Associate Professor)**.

The successful candidate's teaching and research will focus on modelling large basin, continental or global-scale movement of freshwater. We are particularly interested in someone whose research couples hydrology with changes in climate, land cover/use, and/or water utilization, and their effect on the freshwater hydrological cycle. The emphasis should be on geophysical controls, biogeochemical transfers, links with climate, and/or integration across scales in hydrological systems.

Resolving the global water cycle and determining how human activity is altering this cycle is recognized as a "grand challenge" in the new inter-departmental undergraduate program in Earth System Science (ESS). Because hydrology is a key connection between the terrestrial biosphere and the atmosphere and oceans, the successful candidate will make a crucial contribution both to the introductory courses in Earth System Science and to the development of upper level and graduate courses in ESS. Expertise in global terrestrial hydrology will be an obvious asset in McGill's FQRNT-funded Global Environmental and Climate Change Centre, and complement existing expertise in land use/land cover change, biogeochemistry, landscape ecology, and fluvial and periglacial geomorphology in the Department of Geography, and atmospheric and oceanic geophysics in the Department of Atmospheric and Oceanic Sciences.

Land Use and Land Cover Change (Full Professor and Tier 1 Canada Research Chair nomination)

Human driven landscape change is altering aspects of the biosphere that are important to life on Earth. These include local and regional climates, biogeochemical and hydrological cycles, soil fertility, and the availability and reliability of ecosystem services. We are searching for an individual whose teaching and research will focus on building a cross-scale understanding of the drivers and consequences of land use and land cover change. The ideal candidate will have a strong interdisciplinary approach to Earth System Science, integrating biophysical, ecological, economic, political and social processes in a manner that is consistent with the goals of programs such as the International Geosphere-Biosphere Programme (IGBP) and the International Human Dimensions Programme on Global Environmental Change (IHDP), which address the critical role of land use/cover change in Earth system functions through the Land Use and Land Cover Change Project (LUCC) and the new Global Land Project (GLP). Given the influence of land use/cover on climate change, the appointee's expertise would be an obvious asset to McGill's Global Environmental and Climate Change Centre.

The two appointees will make up part of the core faculty in the newly established undergraduate Earth System Science program at McGill University. Six new positions will be filled within the next year to support this program, two in each of the departments directly involved in the

program: Atmospheric and Oceanic Sciences, Earth and Planetary Sciences, and Geography. Three of these appointments will deal specifically with the area of water, a resource of increasing global value. The appointees will be expected to participate in team-teaching of the core courses of the ESS program, establish links and collaborations with researchers in other units (e.g., Brace Centre for Water Resources Management, McGill School of Environment) and maintain an active research program.

Applicants should submit a letter of application, curriculum vitae, statements of research interests and teaching philosophy, and the names and addresses of three referees to the address below. JAN 05-20.

Apply: Prof. Gordon Ewing, Chair, Department of Geography, McGill University, 805 Sherbrooke Street West, Montreal, Quebec, Canada, H3A 2K6.

The anticipated start date for the positions is July 1, 2005. Review of the applications will begin in February 2005 and continue until the positions are filled.

All qualified candidates are encouraged to apply. However, Canadian citizens and permanent residents of Canada will be given priority. McGill University is committed to equity in employment.

* NEW ZEALAND, DUNEDIN. University of Otago, Centre for the Study of Agriculture, Food and Environment (CSAFE), **Post-Doctoral Fellowship**.

Applications are invited for the position of Postdoctoral Fellow based in CSAFE. This position is attached to the research cluster **Sustainable Agriculture** uniting research programmes within Departments of History, Zoology and CSAFE.

Appointee must have completed requirements for the PhD, or equivalent, and require skills and research interests in sustainable agriculture, farming systems or agri-environmental analysis. They will have a disciplinary background in geography, history, sociology, or anthropology, with a strong interest in environmental or ecological issues in agriculture and transdisciplinary research. Position is for two years. Applications close January 7th, 2005. Direct enquiries to the address below. JAN 05-37.

Apply: Associate Professor Hugh Campbell, Director, CSAFE, PO Box 56, Dunedin, New Zealand, Tel +64 3 479 8749, hugh.campbell@stonebow.otago.ac.nz, Visit the CSAFE website at <http://www.otago.ac.nz/nzpg/csafef/index.htm>.

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.

7-11. American Society for Photogrammetry and Remote Sensing 2005 Annual Meeting. Baltimore, MD. www.asprs.org/baltimore2005.

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.

8-10. Betwixt and Between—Place and Cultural Transition. Queen's University Belfast, Ireland. www.qub.ac.uk/betwixt/.

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.

15. AAG Middle Atlantic Division Meeting. Reston, VA. Contact Dave Kirtland at dakirtland@usgs.gov or Sheryl Luzzadder Beach at slbeach@gmu.edu.

22-24. California Geographical Society Annual Conference. Yosemite, CA. <http://cgs.csusb.edu/AnnualMeeting.htm>

MAY

27-29. Grosvenor Center for Geographical Education, 3rd International Conference on Research in Geographic Education. San Marcos, TX. www.geo.txstate.edu/grosvenor.

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/.

19-22. 6th International Conference on Military Geology and Geography. University of Nottingham, U.K. www.geog.nottingham.ac.uk/milgeo2005/.

JULY

5-9. 11th International Medical Geography Symposium. Fort Worth, TX. www.research.umbc.edu/~earickso/Symposium11.html.

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.

7-10. 8th Annual Crime Mapping Research Conference. Savannah, GA. www.ojp.usdoj.gov/nij/maps/savannah2005/.

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/.

12-15. 25th Annual Meeting of the North American Cartographic Information Society. Salt Lake City, UT. www.nacis.org/meetings.html.

19-22. AAG Pacific Coast Division Meeting. Phoenix, AZ. <http://geography.asu.edu/apcg/>.

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. AAG West Lakes Division Meeting. Iowa City, IA. Contact Rex Honey at rex-honey@uiowa.edu.

20-22. AAG 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.

MyCOE Update

My Community, Our Earth (MyCOE): Geographic Learning for Sustainable Development encourages youth from secondary school and university levels to work as individuals or teams to create a project that applies geographic methods to study and propose solutions for sustainable development issues in their communities. MyCOE is a partnership originally developed in conjunction with the 2002 World Summit for Sustainable Development in Johannesburg.

Currently, MyCOE is accepting student map or poster submissions as part of the upcoming United Nations Decade of Education for Sustainable Development (2005-2014). To learn more about submitting a map or poster project visit www.geography.org/sustainable/youth. The deadline for student project

submissions is March 1, 2005. Several awards will be made to selected projects and many entries will be featured on the MyCOE website and at international meetings which address geographic learning and sustainable development. All posters submitted by students to the AAG Annual Meeting are eligible to receive MyCOE awards. Any students presenting papers at the AAG meeting on topics of sustainable development can submit a map and a brief summary (500 words or less) describing their research at www.geography.org/sustainable/2003-2004programs/submission_intro.cfm.

A new five-minute documentary short/public service announcement featuring a 2002 MyCOE project from Kingston, Jamaica is now available on the MyCOE website. The film shows how a

group of six students from the Wolmer Girls School undertook a broad community effort to rejuvenate a neglected downtown area. To view the video, visit www.geography.org/sustainable/2003-2004programs/partner.htm and follow the link to "View MyCOE Video."

Also, MyCOE is still accepting volunteer mentors to assist students with project submissions. If you are interested in learning more about being a MyCOE mentor, please visit www.geography.org/sustainable/mentors/index.cfm.

Partners for the MyCOE project include the AAG (which serves as Secretariat), the National Geographic Society, ESRI, UNEP, the State Department, USAID, USDA, NOAA, IDB, ONR, and USGS.

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