AAG Newsletter

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In This Issue

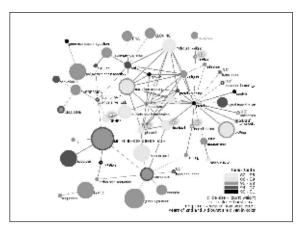


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New Geographies of Science

eographers and cartographers are playing an active role in the new endeavor of knowledge mapping. The field explores ways of extracting meaningful and relevant information from largely unorganized data collections to create all manner of maps illustrating the landscape of scientific data. Faculty members Alan MacEachren and Mark Gahegan along with graduate student William Pike, all from Pennsylvania State University's Department of Geography, took part in the May 2003 Arthur M. Sackler Colloquium on Mapping Knowledge Domains. Their work, "Visualization for Constructing and Sharing Geo-Scientific Concepts" was later published in a series on knowledge mapping in the Proceedings of the National Academy of Sciences (PNAS). Geographer Sara Fabrikant of the University of California,

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A map of the top fifty key words in the most highly cited PNAS articles from 1982-2001. Words appearing more often have larger circles, while the circle color and ring color identify when the word first appeared and when its popularity peaked, respectively. Credit: Ketan Mane and Katy Börner, Indiana University. Copyright Proceedings of the National Academy of Sciences USA.

Helen Strong, Pioneer of Applied Geography



sn't it a great game!!" So wrote Helen Strong to Ellen Churchill Semple in 1930, as she strategized to advance applied geography. Strong was to give a paper on geography and business at the AAG Annual Meeting and proposed that, following the presentation, Semple "maneuver for...a motion" to form a committee to promote the value of geography to business. "With you," she wrote, "I know it is the most significant subject for the Worcester meeting, but they don't realize it. They will though." (December 9, 1930). "You and I will swing this project with flying colors!! Two unbusinesslike women!!" (December 10, 1930).

Strong, the first woman to earn a Ph.D. in geography from the University of Chicago (1921) and the fourth woman to be elected to AAG membership (1924), was far from unbusinesslike. Resourceful and energetic, she knew when games were called for. On her appointment to the University of Missouri in 1921, colleagues insisted that golf was the required game, and so she promptly learned to play. In 1923, another Chicago alum asked her to undertake a study for Congress on U.S. foreign agricultural trade. Strong not only did so, but quickly

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From the Meridian

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of the Association of American Geographers

Douglas Richardson, Publisher and Managing Editor Megan D. Nortrup, Editor AAG Voice 202-234-1450 AAG Fax 202-234-2744 newsletter@aag.org www.aag.org

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All Newsletter materials must arrive at the Association office by the 1st of the month preceding the month of the publication. This includes job listings. Material will be published on a space available basis and at the discretion of the editorial staff.

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.

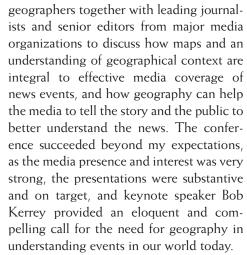
Postmaster: Send address changes to AAG Newsletter, 1710 16th Street NW, Washington, DC 20009-3198, or address@aag.org.

Mapping the News

This was the overarching theme that I challenged geographers and the media to consider as we began the Mapping the News conference last month at the National Press Club in Washington,

DC. The meeting, which was conceived and organized by the AAG with support from co-sponsors such as the National Geographic Society and ESRI, explored the growing interaction of geography and maps in the reporting of the news.

My goal in organizing the Mapping the News conference was to bring



Panels of geographers and journalists covered Mapping the News topics ranging from elections mapping, health issues, and crime reporting to geography and government news, investigative reporting and GIS, imagery and TV, and social responsibility and the public's right to know. AAG president Alec Murphy was among the many geographers who ably represented the discipline in these discussions.

Senior reporters and editors from many of the world's major media organizations, including CBS News, US News and World

Report, The New York Times, the Associated Press, The Chicago Tribune, TIME Magazine, Reuters, the Los Angeles Times, the Columbia School of Journalism, USA Today, and the Washington Post, as well as numerous regional newspapers and Internet news outlets, engaged

geographers and senior governmental press officials in wide ranging discussions of the expanding role and sophistication of maps in the media, and their evolving role not simply as a locational addendum to the news story, but as integral narrative means to help convey the essential context and meaning of news events.



Richardson

This trend in the use of maps as core narrative devices in telling the news story is evident in the greatly enhanced sophistication and presence of maps now being used in publications such as the New York Times, the Washington Post, and many of the national news weeklies over the past five years. Other publications are sure to follow in the years ahead, and we are already seeing more pervasive use of maps in the electronic media, including animated and dynamic maps on the television and the Internet news outlets. This trend in the mass media, particularly on television, seems to me to offer far-reaching new possibilities for improving map literacy and stimulating geographic education in the general public and among young people in the U.S. and around the world.

It is also certain that geographers will have plenty to say and hopefully plenty to do to help improve the quality, context, and integrity of these maps as they proliferate in the media. There will also be an important role for geographers in examining the meanings conveyed by maps increasingly used in the media, including the distortions or inaccuracies that can

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Thanks—And Some Parting Thoughts on Communication

s my term of office comes to a close, I want to express my gratitude for the opportunity to serve as your president this past year. Throughout my extensive travels I have encountered enthusiastic, dedicated geographers working not only to advance our discipline but to make a better world. It has been an uplifting experience. I want to express special thanks to my fellow AAG Councilors and Executive Committee members, and to the superb staff in our Washington office. The intelligence and commitment of these individuals is inspiring.

Writing these columns has been a great privilege. Every month I can tell when the newsletters begin arriving in people's mailboxes because of the flurry of emails I receive. My thanks go to all of you who have taken the time to read these missives. I have tried to touch on issues that I think bear serious reflection, and I appreciate the thoughtful replies I have received.

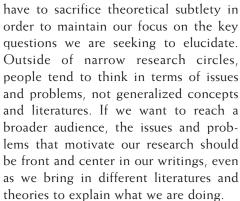
Before signing off, I want to raise one more issue I believe to be of some importance: the communication of geographical research. This is not a simple or straightforward matter, as different forums and circumstances require different kinds of communication. Moreover, we certainly do not want to discourage specialized research exchanges at the frontiers of intellectual inquiry, even if they are largely impenetrable to a wider audience. Yet at times I wonder if our work might receive broader dissemination if we made a priority of presenting it in ways that are both effective and engaging.

Our most important form of communication is the written word, and our discipline includes some wonderful writers. I worry, however, that more of our writings than necessary are inaccessible or uninteresting to a broader audience. My concern here is not necessarily the average "person on the street" (although there are times when we should write for that audience). Instead, I am thinking of those educated, thoughtful individuals

who have some interest in the problems we are addressing, but who are not necessarily drawn to our writings. This includes everyone from scholars in other disciplines to readers of serious books, periodicals, and newspapers focused on the issues of the day.

The turn toward theoretical introspection in parts of our discipline has brought important insights; but at times, in

our effort to situate our work within the thicket of relevant theories and literatures, we allow the fundamental questions driving our research to get pushed to the background. Theoretical specificity is vital, of course, but I am not convinced that we always have the balance right—or even that we



More generally, the trend toward greater specialization across the discipline has worked against the kind of storytelling that can engage a broader audience. The idea of geographers telling stories might seem like a quaint relic from another era, but people are drawn to stories. Environmental historians have been reaching out to broader audiences by relating provocative, interesting stories about places and regions. Not all geographic inquiries lend themselves to a narrative approach, but when they do, we should embrace the opportunity. Storytelling need not come at the expense of intellectual rigor, and it can help us reach out beyond the confines of our own discipline.

Presentations are also important modes of communication, and I have long felt that geography's visual orientation gives us an advantage. New technologies keep making it easier to develop and display the maps and other geographic visualizations that are critical to so much of our work. Yet I cannot

resist offering one comment about the growing use of PowerPoint. This tool can be extraordinarily effective, but the ease of creating PowerPoint slides has its disadvantages, too. I have become particularly concerned about PowerPoint text slides. Not everything can or should be neatly bracketed into three or four

bulleted points; and when great blocks of a speaker's text appear on PowerPoint slides, it may well discourage thoughtful listening. As long-standing leaders in the visualization arena, geographers would do well to model the best, most exciting possibilities of visual communication in our presentations while avoiding the dumbing-down of public exchange that can ensue when careful listening is replaced by bulleted reading.

This last point may sound like a personal pet peeve (it's my last chance!). Even if you disagree though, my goal is to stimulate some serious reflection about the approaches we take to communicating our scholarship to others. The matter is certainly not trivial. Geography is poised to grow and flourish—and to have a profound impact on the world—but this will happen only by means of lively, effective, and thoughtful communication.



Alexander B. Murphy abmurphy@uoregon.edu

Golledge Selected for Decade of Behavior National Advisory Committee

Reginald Golledge has been selected to join the Decade of Behavior (DOB) National Advisory Committee for a term lasting from 2004 to 2006. The DOB (2000-2010) is a multidisciplinary initiative to focus the talents, energy, and creativity of the behavioral and social sciences on challenges including improving education and health care; enhancing safety in homes and communities; actively addressing the needs of an aging population; and helping to curb drug abuse, crime, high risk behaviors, poverty,

racism, and cynicism towards government. Golledge will bring a geographical perspective to the committee, which includes members from many disciplines, research areas, and geographic areas so as to provide the widest possible outreach to the public and scientific communities.

Golledge is a professor of geography at the University of California, Santa Barbara. Legally blind for the past twenty years, he has interests in behavioral geography including spatial cognition,



olledge

cognitive mapping, individual decision-making, household activity patterns, gender issues in spatial cognition, and the acquisition and use of spatial knowledge across the life span. Recent research has included

work on adventitious and congenitally blind persons.

More on the Decade of Behavior can be found at http://www.decade ofbehavior.org/.

Mapping from page 1 -

Santa Barbara and co-authors D.R. Montello, M. Ruocco, and R. Middleton, presented a poster at the colloquium entitled, "The First Law of Cognitive Geography and Knowledge Domain Maps." Geographer André Skupin (University of New Orleans) also took part in the Sackler Colloquium and his work, "The World of Geography: Visualizing a Knowledge Domain with Cartographic Means" was included in the *PNAS* series.

The maps produced in knowledge mapping are notable for the range of cartographic strategies employed to visualize scientific knowledge. They also provide further evidence of the diffusion of geographic and cartographic techniques in physical and social science, and of the interdisciplinary dialogue in which some geographers are currently engaged. Among the benefits of this cross-fertilization of

ideas include greater visibility and appreciation for geography and cartography in classrooms, libraries, laboratories, and public and private funding agencies.

The impetus for this new field comes from the recent explosion of electronically available information. The abundance of data has spawned the development of a new interdisciplinary science aimed at charting, mining, analyzing, sorting, and displaying interesting and important aspects of information. This was recognized by the University Consortium for Geographic Information Science in 2002 when the consortium named "spatialization" (or knowledge mapping) as a research priority. The Sackler Colloquium's goal was to improve the field of science-mapping through a demonstration and comparison of different techniques, algorithms, and approaches utilized in the analysis and visualization of knowledge domains.

A recent NSF press release on the topic explained, "college students might use such maps to see how well a syllabus covers a field's major topics, while companies could map out plans for targeting their investments. Funding agencies could keep an eye on research frontiers or forecast how funding decisions might affect a discipline. An online version could provide an effective interface to major databases."

For additional information about mapping knowledge domains, order a copy of the April 6, 2004, issue of the *Proceedings* of the National Academy of Sciences (PNAS), or visit http://vw.indiana.edu/sackler03/ or www.ucgis4.org/priorities/research/2002 research/PDF/shortterm/p_spatialization.pdf.

Helen Strong from page 1

widened the assignment, with the result that a position was created for her as Geographer of the Bureau of Foreign and Domestic Commerce. Over the next decade in this position, she studied commodities from alfalfa to swimsuits, working to solve trade problems for American farmers and manufacturers.

She spoke to many business groups to promote geography and was featured in *The Washington Post*. She also slipped an equal area projection map to Herbert Hoover along with a report, persuading him to replace the Mercator maps then used in Department of Commerce publications, and she convinced the U.S.

Geographic Board to expand its agenda to include not only domestic but foreign place names.

Strong left the Department of Commerce during the massive staff reductions of the 1930s Depression, transfering to the Coast and Geodetic Survey. But

Continued on page 5

Roger Kasperson Elected to American Academy

Roger Kasperson has been elected to the American Academy of Arts and Sciences . Kasperson is executive director of the Stockholm Environment Institute in Sweden, and currently teaches geography at Clark University. He has written



Kasperson

widely on issues connected with risk analysis, risk communication, global environmental change, risk and ethics, and environmental policy and recently completed a term as co-editor for the *Annals of the AAG*, Nature and Society section. He is a Fellow of the Society

for Risk Analysis and was elected to the National Academy of Science in 2003.

Kasperson will be welcomed as a new Fellow at an induction ceremony in October at the academy's headquarters in Cambridge.

Massachusetts. He will join the Social Sciences Section 1: Social Relations (Anthropology, Archeology, Sociology, Social and Developmental Psychology, Education, Demography, and Geography). He is the only geographer to be elected this year.

AAG PlacesOnLine Named Web Site of the Month by Travelsmart

he March 2004 issue of *Travelsmart* magazine recognized the AAG-sponsored PlacesOnLine.org as Web site of the Month. PlacesOnLine was lauded for not only its virtual tour capability and search engine but for the high quality content offered through its links. The rigorous screening of Web sites results in links that are "tops in coverage." *TravelSmart*, in its twenty-ninth year, is the nation's oldest consumer travel newsletter.

PlacesOnLine provides access to the world's very best place-based Web sites. Its editors are Thomas D. Hankins, Marshall University, and Curtis C. Roseman, University of Southern California. To view the site visit www.PlacesOnLine.org.

Helen Strong from page 4 —

with the Dust Bowl, she identified a new challenge for applied geography promoting education by the Soil Conservation Service. Travelling in forty-eight states, she often gave multiple speeches in a day to teachers, agricultural workers, and women's clubs; she spoke on radio and with reporters. With the advent of World War II, she was recruited to the Military Intelligence Committee of the War Department General Staff and then to the Foreign Economic Administration. Strong retired from these "great games" in 1953, teaching and serving as Acting Chair of Geography at Elmhurst College until 1959.

> Janice Monk Jmonk@email.arizona.edu

Meridian from page 2 -

result from inadequate or manipulative map design, areas in which geographers have conducted substantial research and can offer special insight.

The Mapping the News conference was one of those rare events which resonated with the feel of history being made. As keynote speaker Bob Kerrey, a former U.S. Senator and current president of the New School University in New York said. "Geography and mapping applications are taking place in the context of a highly networked world. This is a crucial point because it signals that what is powering this renewal are the choices being made by tens of millions of individuals who are using geography to answer some of life's most important questions....Among the most important needs is to begin collecting regional and global data so that we can orient to an expanded set of facts as we try to measure our status and our progress. We need to visualize that data, bring it alive with skilled storytelling...and use it for reasoned and global public debate about the great overarching challenges we face; how to sustain our existence on this planet, how to continue the expansion of democracy, how to produce a world that is more fair and just, and how to respond to mind-numbing demographic, environmental and health catastrophes. Mapping the News is a very big idea. It just might be the way for us to realize our highest and most virtuous aspirations."

It is clear that what the world needs now is understanding. Not only understanding of the world, but understanding in the world. Geography can play a key role in achieving both of these kinds of understanding. But we will need to speak to others than ourselves if we are to contribute to this understanding to our full potential. Building real bridges to the media will strengthen both our discipline and our ability to bring geographical knowledge, research, and insight to bear on the needs of a very needy world.

Doug Richardson drichardson@aag.org

Call for Papers 2005 Annual Meeting of the AAG

he Annual Meeting of the Association of American Geographers attracts more than 4,000 geographers and related professionals from the United States, Canada, and abroad. Our meeting forum stimulates discussion about research, education, accomplishments, and developments in geography. Your participation is most welcome and encouraged.

The 2005 annual meeting will be held at the Adam's Mark Hotel in Denver, Colorado. If you are interested in submitting a presentation please read the following guidelines carefully. In late summer we will release instructions on how to submit your participation/registration fee and abstracts online. If you have any questions about these guidelines please direct them to Oscar Larson at meeting@aag.org.

PRESENTATIONS

An individual may give one, and only one of the following types of presentations:

- Paper
- Poster Presentation
- Illustrated Paper

Your presentation should describe the purpose, methods, and conclusions of research you have conducted. *No one may submit or take part in more than one presentation.*

Papers

(Abstract submission deadline: October 21, 2004)

Twenty minutes will be allotted for presentation and discussion of each paper. Visual aids can greatly enhance communication when they are used properly. Tables and charts prepared for publication rarely are satisfactory in a short oral presentation. Illustrations should be legible when viewed on a screen from a distance of 100 feet. Charts project better than tables. Complex tables and detailed maps are more

effective when distributed as handouts than when projected on a screen. The use of maps is encouraged, because many people in the audience will not know the locations of all places to which you refer.

The AAG provides LCD projectors, 35mm carousel slide projectors, and overhead projectors in all of the meeting rooms. Participants must furnish their own computers and slide trays. Any AV needs other than the standard options mentioned, must be arranged by the attendee at her own expense. If you require AV equipment that is not listed, please contact Oscar Larson at meeting@aag.org.

Illustrated Papers

(Abstract submission deadline: October 21, 2004)

An illustrated paper is a short (3-5 minute) oral summary of problem, data, method, and findings presented in poster format, followed by one-on-one or small group discussion with interested listeners. All oral summaries (8 to 12 per session) will be given at the beginning of each illustrated paper session, before participants disperse to the poster boards around the room. Each presenter will post illustrations and other relevant materials on a 4' x 8' poster board supplied by the AAG.

Poster Presentation

(Abstract submission deadline: October 28, 2004)

Use the poster format for your presentation when your material lends itself to visual rather than verbal communication. Each presentation should make a unified, coherent statement. Materials, both textual and visual, should be of professional quality and be clearly legible from a distance of 4 feet. Graphic materials will be displayed on a 4' x 8' poster board supplied by the AAG. Textual material should be confined to brief statements. Presentations consisting

mostly of text are more appropriate as paper presentations.

Nystrom Award Papers

(Paper submission deadline: September 23, 2003)

Papers submitted for the J. Warren Nystrom Award must be based on a recent dissertation in geography. Eligibility for this award is restricted to persons who have received the Ph.D. since April 2003 and who were paid members of the AAG in 2003, 2004, and 2005. The Nystrom awards are made from a fund established by J. Warren Nystrom, former executive director of the AAG.

Guidelines for submitting papers for this award differ substantially from those for other papers. Applicants for Nystrom awards should request details from, Oscar Larson at meeting@aag.org, well before the deadline for submissions.

ABSTRACTS

Everyone who presents a paper, illustrated paper or poster presentation must submit an abstract of no more than 250 words that describes the presentation's purpose, methods, and conclusions. Please be sure to include keywords (see abstract instructions).

Your abstract will not be edited, you are responsible for avoiding spelling, grammatical, and typographical errors. Use the active voice for your abstract and presentation. Transmit your research results clearly and concisely. Avoid jargon.

Submission of an abstract grants permission for the AAG to include it in the meeting abstract compilation and to disseminate it electronically.

ORGANIZED SESSIONS

Individuals, groups, and specialty groups may organize sessions at the AAG annual meeting. Organized

Sessions are a great way to bring distant colleagues together to discuss current research and to advance your field. If you choose not to participate in a pre-organized session, the AAG Program Committee will place your paper into the most germane session available.

- Each session may list in the program up to two organizers and one chair
- Paper Sessions consist of 5 papers or 4 papers and a discussant. Each paper is expected to conform to the 20-minute time limit.
- Illustrated Paper Sessions consist of 8-12 illustrated papers. Refer to the illustrated paper guidelines for information on format.
- Panel Sessions consist of 4-6 participants. These sessions are 100-minute discussions among the panel and audience members. Formal presentations are not to be part of panel sessions.

ENRICHMENT FUNDS

The Denver Annual Meeting Program Committee will allocate a total of \$7,500 to support participation of distinguished nongeographers in the 2005 annual meeting. Contact the AAG office or visit the annual meeting section of the AAG Web site for an application form. Deadline for receipt of applications is September 30, 2004.

WORKSHOPS and FIELD TRIPS

Anyone interested in organizing a workshop or field trip for the 2005 annual meeting should contact Oscar Larson, at meeting@aag.org for the appropriate forms and further information. Proposals must be submitted by September 30, 2004. Workshops and field trips are an excellent way for participants to learn about different areas of geography in an interactive environment. We encourage you to submit your ideas for our consideration.

REQUIREMENTS FOR PROGRAM PARTICIPATION

Anyone interested in the advancement

of geography meets the requirements of participation in our annual meeting.

You are eligible to give a presentation, or participate in other capacities in the program if you have paid your meeting registration fee prior to submitting your abstract or if you have paid your meeting registration prior to your participation if you do not intend to present.

Eligible Participants May Present Only One Paper, Illustrated Paper, or Poster Presentation. Participation in the program as a session chair, discussant, panelist, non-presenting co-author, session organizer, workshop organizer, or field trip organizer or leader does not affect your eligibility to present a paper, poster, or illustrated paper. Anyone who participates in more than two events runs the risk time of conflicts that staff will not be able to resolve.

Fees

All participants, except non-attending co-authors, must pay the appropriate participation fee before submitting an abstract. Annual meeting registration fees may be paid online.

Presentation Content

The Annual Meeting of the Association of American Geographers is an open forum for sharing the results of research and teaching in geography and related specialties. The contents of annual meeting presentations by individuals or groups at the annual meeting are theirs alone. The Association of American Geographers neither endorses nor disclaims the conclusions, interpretations or opinions expressed by speakers at its annual meeting.

ABSTRACT INSTRUCTIONS

Everyone who presents a paper, poster, or illustrated paper must submit an abstract. For your abstract to be accepted for publication, it must not exceed 250 words and must be submitted online after you pay your participation fee. The abstract must describe the presentation's purpose, methods, and conclusions.

Please notice and adhere to the

www.aag.org

following format instructions for the *body* of the abstract:

- Do not put your name and affiliation in the body of the abstract.
- Do not enter the title in the body of the abstract.
- Do not use abbreviations.
- Do not use underlining, boldface type, italics, subscripts, or superscripts.
- Do not include any codes for justification, hyphenation, line height, line centering, margins, spacing, fonts, page centering, page numbering, suppression, or tabs, in your abstract.
- Do not use bulleted lists
- Do not include phone numbers or email addresses in the body of the abstract.

Guide to Selecting Keywords for your Abstract

Keywords may be compound (such as "political geography"). Keywords should generally be nouns, not adjectives or adverbs. Do not use abbreviations. In creating your keywords, try to think of how someone might want to search for your topic in the abstract volume.

If your presentation is about color cartography, an appropriate keyword might be "cartography-color." Under no circumstance can you use a comma within a keyword.

Make certain your geography is not too specific. For example, suppose your paper is about southwestern Kentucky. A user of the abstract volume interested in Kentucky is going to look at the K's, not at the S's. Therefore, either use "Kentucky" or "Kentucky-southwest."

In referring to a systematic sub field, do use the word "geography." Use "economic geography" as the keyword and not "economic."

If you have a choice between the plural and the singular form, use the plural. If your keyword could be "race" or "races," use "races."

SAMPLE: Keywords: cartography, atlases, United States ■

Response to Centennial Fund Student Challenge

esponses have begun to roll in to the challenge issued by students at George Washington University (GWU), for geography students at other departments to raise \$100 for the AAG Centennial Fund. Student members Geography Student Organization and Gamma Theta Upsilon (Alpha Phi Chapter) from the University of Nebraska at Lincoln (UNL) were inspired by the GWU group's action, and have the distinction of being the first to respond to the challenge. Their Centennial Fund donation arrived accompanied by a note from the UNL groups' president Dan Wurdinger saying, "We are proud to make this small offering to support a fund dedicated to the development

and celebration of the geography profession."

Student groups who want to take on this challenge are invited to contact Patricia Solís, AAG Deputy Director at psolis@ aag.org. or use the form on page 13 of this issue. Groups who meet or exceed a \$100 contribution will be recognized in a future AAG Newsletter.

The AAG Centennial Fund has a goal of reaching \$2 million to create a long-term, stable endowment fund. This will allow us to advance geography broadly in the years ahead. Interest accrued from the endowment can be used to strengthen academic geography, provide leadership training, and ensure a means for capitalizing on unique opportunities that arise in the future.



University of Nebraska at Lincoln students from left to right in front row: Becky Buller, Kenny French (Secretary), Angela Pochanasomburana, Ezra Zeitler (Public Relations), Lesli Rawlings, Dan Wurdinger (President), in second row: Kimberley Stuart (Treasurer), Adam Marinovich, Victoria Clouatre, Ed Wood, Jeff Nothwehr, and in the third row: Darr Street, Rolando Perez (Vice President), Paul Kelley, Mat Dooley, Mel Johnson, and Matt Engel.

Nominations Sought for 2005 AAG Honors and Nominating Committees

he AAG Council seeks nominations for candidates to serve on the AAG Honors Committee and the AAG Nominating Committee. The AAG Council will prepare the final slate of candidates for both committees from the nominations received, and committee members will be elected by a vote of the AAG membership.

Nominations for the *Honors Committee* can include persons (1) from the membership at large and (2) from those members who have previously received AAG Honors (a list of previous honorees can be found in the AAG's *Guide to Geography Programs in North America*). Honors Committee members serve for two years and are responsible for making recommendations of awardees for various AAG Honors for Council consideration.

Nominating Committee members serve for one year. The committee recommends to the Council the slate of candidates for the AAG Vice President, President, and National Councillor elections.

If you wish to nominate yourself or other qualified individuals for service on these committees, please contact AAG Secretary Kavita Pandit by June 30, 2004. Nominations should include the contact information of the nominee, a brief biosketch, and indication that the nominee is willing to be placed on the slate of candidates for election by the AAG membership. Please send nominations to Kavita by email (pandit@uga.edu), fax (706-542-2388), or by mail to: Department of Geography, University of Georgia, Athens, GA 30602-2502.

Visiting Fulbright Scholar from Vietnam

AG member William A. Dando was chosen as professor-mentor for Vietnam Fulbright Senior Scholar, Dr. Lai Vinh Cam. Lai will research aspects of rural environmental quality, sustainable agriculture, and food provisioning in selected regions of Vietnam during his stay at his American host institution Indiana State University. Lai's web page, www.indstate.edu/scholars/Fulbright. htm, includes contact information for institutions interested in inviting him to speak.

Lai's support-advisory team also includes Paul W. Mausel, Ryan R. Jensen, and Susan M. Berta. ■

AAG Member Profile: Joseph Kerski



Kerski

Since 1989, Joseph Kerski has served as geographer in the Education Program at the U.S. Geological Survey (USGS). His work focuses on the creation and nurturing of educational partnerships

among government agencies, nonprofit organizations, private industry, professional societies, universities, community colleges, and K-12 schools for the enhancement of geography and science teaching and learning. He teaches frequently at schools and Colleges. Joseph conducts approximately forty GIS and geography workshops annually for educators, the general public, government, news media, scientists, nonprofit organizations, and private industry. Among other distinctions, Joseph serves on the Executive Planning Board of the National Council for Geographic Education, is a Fellow of the Royal Geographical Society, and has been a member of the AAG since 1992. Joseph lives in Denver, Colorado with his wife and two children, who were featured last year in The Boulder Daily Camera with Joseph as the "World's Nerdiest Dad" for roaming the countryside with a GPS receiver.

AAG: What inspired you to work for the federal government?

Joseph: The whole idea of public service. We are doing things for the public and all the broad audiences that involves. I take that seriously. I'm here to serve. I also like being part of the rich history of the Department of Interior.

AAG: Why does USGS have a geographer on staff doing what you do?

Joseph: Because it's tied to our mission—it's not enough to just put out data or reports. The value added is to make it understandable to people, no matter the audience. Also, I think that unlike the way the government has been perceived in the past, we don't just do something 'to' a community; we work as part of a community toward common goals.

AAG: You do work with quite a variety of people.

Joseph: It's been a true privilege over the last fifteen years. We're all learning and you learn so much from others. I'm thrilled to be able to do this kind of work. You get to a certain point and realize that the subject matter is important, but the kind of people you work with becomes just as important as the subject matter.

AAG: How large is the group of people you work with?

Joseph: Well, let's just say, I get about 120 emails a day from various sources. It's sort of like drinking from a fire hose.

AAG: What about other geographers?

Joseph: I think that the geography community is just—it sounds corny—some of the neatest people to work with. There is always some sort of collaborative effort, and usually everyone is so enthusiastic about telling you what they're doing—it's something I find really refreshing about the geographic education and research communities.

AAG: I think your own enthusiasm must have something to do with it, too.

Joseph: It's hard not to be enthusiastic. I think we're all driven by some common concerns, about the earth and the environment, but also concern about people—and how they're affected by what is going on. Geographers are a caring bunch, trying to make the world a better place, not just environmentally but a better place to live.

AAG: Is that why you got into geography education?

Joseph: The reason why I got into education—as a former cartographer—was that I wanted to do be able to touch lives in a different way. It's expanded my thinking, even if it's something small like sending educational or research materials to someone who needs them.

AAG: How has it expanded your thinking? Joseph: We are asking the questions, what does this really mean? Not just click, click, click.

AAG: How is that important where you work?

Joseph: We need folks now more than ever to think about big issues. I look at these job ads in the federal government and see how we need more than button pushers, but interdisciplinary thinkers—the big picture people—to deal with complex problems like urban sprawl, water quality, global change, natural hazards. Where are we going to get them from? Geographers are in one of the best positions to fill those jobs and we'll need more of them as these problems become paramount in the twenty-first century.

AAG: Did you always know you'd end up doing this?

Joseph: People told me you can't really have a career in geography. I began majors in engineering and business but I kept taking geography classes, thinking, "This is the only thing I really enjoy." My advice—sounds sort of hokey, but—is to follow your dreams. Why go to a job every day that you don't like to do? Do something that you're passionate about.

AAG: Is there any place you are particularly passionate about?

Joseph: I'm a real fan of ordinary places. Sometimes I walk around industrial areas, where people live, everyday geography. Many people would say that's 'just' a field or 'just' an intersection but for geographers it's never just 'just!'

AAG: I understand you have agreed to co-chair the local arrangement committee for the AAG Annual Meeting in Denver in 2005. Any interesting plans?

Joseph: It'll be fun—a lot of good connections. I've got a list of twenty different places in mind for field trips already.

AAG: Your excitement is contagious.

Joseph: You know, we're all doing this together—all of us geographers, we've all got a role to play and it's a team effort. Wouldn't it be something if we could know all that we're doing collectively and what a difference that is making?

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

O'Loughlin Receives Guggenheim Fellowship

AG member John O'Loughlin is the recipient of a 2004 Guggenheim Fellowship.

O'Loughlin is professor of geography at the University of Colorado where he also is director of the NSF-funded graduate training program in "Globalization and Democracy" in the

Institute of Behavioral Science. His research interests include the political transition in Ukraine and Russia, including the development of a civic



O'Loughlin

society and ethno-regional loyalties, the diffusion of democracy, the political geography of conflict, and the political geography of Nazi Germany. He is editor of Political Geography.

Other Guggenheim winners in the category of Geog-

raphy and Environmental Studies are Judith A. Carney of Topanga, California, and Jeffrey Herbst of Princeton, New Jersey.

NASA Recognizes AAG Centennial

■ he National Aeronautic and Space Administration's Johnson Space Center recognized the AAG centennial with a gift for the AAG of a custom designed montage and plaque signed by NASA Center Director General Jefferson Howell Jr. The plaque includes an American flag that was flown on the space shuttle Atlantis in 2002.

NASA Chief Scientist for Earth Observations and geographer Kamlesh Lulla presented this NASA commemorative gift to the AAG at the AAG's Centennial Meeting in Philadelphia.

It was at NASA's manned spaceflight center (now Johnson Space Center) in Houston that a group of geographers met in 1967 to prepare a report for NRC entitled "use of spacecraft in geographic research" that laid the foundation for Landsat and other remote sensing programs.



From the left: AAG Past President M. Duane Nellis, NASA's Kamlesh Lulla, and AAG Executive Director Doug Richardson with montage and plague given to AAG by NASA.

the South" Book Now Available he book The Role of the South in the

SEDAAG "Role of

Making of American Geography: Centennial of the AAG, 2004 edited by James O. Wheeler and Stanley D. Brunn, is now available.

Published in 2004 by Bellwether Publishing Ltd., the book costs \$24.45 (\$19.95 per copy plus \$4.50 postage).

Orders may be made by contacting James O. Wheeler, Department of Geography, University of Georgia, Athens, GA 30602-2502. Phone 706-542-2350, fax 706-542-2388, or email jowheel@uga.edu.

Please make checks payable to SEDAAG.

Recognition and Support for the **AAG Centennial**

The AAG wishes to acknowledge the following collegial organizations for gifts and honors bestowed on the occasion of the AAG Centennial Meeting: the Canadian Association of Geographers for a historic map of North America; the Geographical Society of China for a distinguished banner and plaque; and the Comité National Français de Géographie for their declaration of support.

The AAG would like to thank the following organizations for their financial support of the AAG Centennial Meeting in Philadelphia: the National Council on Geographic Education, Gamma Theta Upsilon, the National Geographic Society, Microsoft, Forest T. Jones Co., SunTrust Bank, Potomac Basin Group Associates, the United States Geological Survey, Rand McNally, the Decade of Behavior, ISG Solutions, and Automated Graphic Systems, Inc.

A Century of the USGS and the AAG: The National Map

hen the AAG was founded in Philadelphia in 1904, nine of the forty-eight charter members of the association were geologists and topographers from the U.S. Geological Survey. From this beginning and the subsequent century-long partnership, both organizations have benefited, as well as the nation as a whole, as we have worked cordially and effectively together to advance the science of geography and its application for addressing vital issues in society and the natural world.

Established by Congress in 1879, the USGS also celebrates a significant anniversary in 2004. For 125 years our role in government concerning geography has been to produce a sound foundation of accurate, widely available geographic information for scholars, government officials, and the public. AAG members have in turn used this information to forward geographic thought, to promote geographic understanding, and to encourage the application of geographic research.

The idea of *The National Map*—the USGS vision for digitally-based topographic mapping in the 21st century—is a relatively recent response to a continuing, critical need of the nation. During the first 100 years of the USGS, the thousands of surveyors, photogrammetrists, cartogra-

phers, and others who labored for more than 33 million hours to complete the more than 55,000 USGS topographic maps covering the United States could not have foreseen the rapid acceleration of computer technology that has transformed the mapping profession today. Advances in digital cartography and geographic analysis, combined with coalescing technologies such as portable computers and the Internet, now offer dramatic possibilities for meeting the complex geospatial information demands of government, private industry, scientists, and the public.

The reliable and readily accessible geographic framework provided by National Map makes it possible to pursue place-based analyses of diverse types of information, to monichanges and detect trends, and to discover connections between otherwise seemingly independent phenomena and processes. Publicly available geographic information from The National Map can be used for a multitude of purposes in science, business, and education, and in the delivery of government services. Enhanced and extended, geographic information from *The National Map* forms the basis for a wealth of commercial products.

To learn more about *The National Map*, I invite you to visit us at http://nationalmap.usgs.gov/.

Barbara Ryan Associate Director for Geography, USGS bjryan@usgs.gov



Doug Richardson and Alec Murpby thank Barb Ryan and the USGS for their gift of two Philadelphia maps commemorating the AAG Centennial.

2004 NAS Geographical Sciences Committee

he National Academy of Sciences announced the membership for the 2004 Geographical Sciences Committee. Members include: Chair, Roger M. Downs, Pennsylvania State University; Brian J. L. Berry, University of Texas at Dallas; Susan L. Cutter, University of South Carolina; Ruth S. DeFries, University of Maryland; William E. Easterling, Pennsylvania State University; Patricia Gober, Arizona State University; Michael

F. Goodchild, University of California, Santa Barbara; Susan Hanson, Clark University; Jonathan D. Mayer, University of Washington; Emilio F. Moran, Indiana University; David Skole, Michigan State University; Ayse Can Talen, Fannie-Mae Foundation; and Anthony R. de Souza, BESR Director.

The Geographical Sciences Committee (GSC), formerly the Committee on Geography, is a standing committee under the

www.aag.org

auspices of the National Academies/National Research Council (NRC) Board on Earth Sciences and Resources (BESR). The committee provides independent advice to society and to government at all levels on scientific, technical, and policy matters related to geography and geographic analysis. To learn more about the GSC visit http://www7.national academies.org/ besr/Geography.html.

Geographic Centers

West Virginia University **GIS Center**

Valuable land use information ranging from soil makeup to the location of federally protected sites will be a mouse click away when a national geographic research facility opens at West Virginia University (WVU).

The National Geospatial Development Center is a partnership involving the WVU's Department of Geology and Geography and the Natural Resources Conservation Service (NRCS) in the U.S. Department of Agriculture. Scheduled to open in June, the center was made possible by a \$4.34 million federal appropriation secured by U.S. Senator Robert C. Byrd of West Virginia.

In partnership with NRCS, the Department of Geology and Geography will support the agency's natural resource business needs through the innovative use of GIS and other technology tools. As a result, NRCS will increase its technology infrastructure to support the delivery of programs in the field.

"WVU will provide the GIS research and software development tools that NRCS will use to perform its work," said Trevor Harris, department chairman and co-director of the center. "We'll be taking data from the NRCS' data repository at Fort Collins, Colorado, developing computer tools to analyze the information, and distributing these tools to scientists and decision-makers."

According to Harris, the center builds on already existing and extensive GIS facilities and faculty expertise in the Department of Geology and Geography. The department is home to the West Virginia GIS Technical Center, which provides valuable support to the state's GIS enterprise, and has one of the nation's largest concentration of faculty who specialize in geographic information science.

Members of Note



Moellering

During the 12th General Assembly of the Internation-Cartographic Association (ICA) meetings held in Durban, South Africa, Harold Moellering was

awarded the title of Honorary Fellow of the International Cartographic Association. The award recognizes his continuing scientific contributions to the ICA, especially to the ICA Commission on Spatial Data Standards. Moellering is currently a professor of geography and geodetic science at Ohio State University where he is also director of the department's Numerical Cartography Laboratory. He is past Chairman of the ACSM Committee on Automation in Cartography and Surveying, and has served as a member of the Committee on Cartography of the U.S. National Academy of Sciences/National Research Council.

Thomas R. Loveland was elected as assistant director for the Remote Sensing Applications Division of the ASPRS.

Chuck Croner, geographer and survey statistician at the Centers for Disease Control and Prevention, was honored at the 17th Annual GIS Conference held by Towson University. Chuck received the Outstanding Contribution to GIS in Maryland Award in recognition of his work to publish the GIS and Public Health newsletter.

Lisa Benton-Short, assistant professor of geography at the George Washington University, was one of five experts (and the only geographer) selected to testify before the U.S. Senate on March 30, 2004. Her testimony analyzing the strengths and weaknesses of the National Heritage Areas Program, was delivered before the Senate Committee on Energy and Natural Resources, subcommittee on National Parks. Her testimony can be read at http://energy.senate.gov/hearings/ witnesslist.cfm?id=1128.

New Appointments

Florida Atlantic University, Visiting Assistant Professor, Maria Fadiman. Ph.D., 2003, University of Texas at Austin.

Georgia College and State University, Assistant Professor, Charles Fahrer. Ph.D., 2001, South Carolina.

Gustavus Adolphus College, Visiting Assistant Professor, Jason Haugland. Ph.D., 2003, University of Colorado, Boulder.

University of Connecticut, Assistant Professor in Residence, Joy Fritschle Mason. Ph.D., expected 2004, University of Wisconsin.

University of Southern Mississippi, Assistant Professor, Jason Janke. Ph.D., 2004, University of Colorado.

University of Texas at Austin, Assistant Professor, Brian H. King. Ph.D., expected 2004, University of Colorado, Boulder.

University of Texas at Austin, Assistant Professor, Robert Dull. Ph.D., 2001, University of California, Berkeley.

University of Wisconsin-Parkside, Assistant Professor, Chen Chien Feng. Ph.D., expected 2004, SUNY-Buffalo.

Youngstown State University, Assistant Professor, Bradley A. Shellito. Ph.D., 2001, Michigan State University.

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

GIScience 2004

Registration is now available online for GIScience 2004. Co-sponsored by the AAG, GIScience 2004 is the follow-up meeting to the highly successful GIScience 2000 and 2002 conferences with over 300 researchers attending each time. The 2004 conference will again bring together scientists from academia, industry, and government to analyze progress and to explore new research directions. It will focus on emerging topics and basic research findings across all sectors of geographic information science. The conference program aims to attract leading GIScience researchers from all fields to reflect the interdisciplinary breadth of GIScience, including geography, cognitive science, computer science, engineering, information science, mathematics, philosophy, psychology, social science, and statistics.

Keynote speakers for GIScience 2004 are Mark Gahegan, Pennsylvania State University; Lotfi Zadeh, Berkeley Initiative in Soft Computing, University of California, Berkeley; Ben Shneiderman, Human Computer Interaction Laboratory, University of Maryland; Jean Serra, Centre de Morphologie Matématique, Ecole des Mines de Paris; Liqiu Meng, Technical University of Munich; Michael Batty, Center for Advanced Spatial Analysis, University College, London; and Peter Weiss, National Oceanic and Atmospheric Administration.

The conference will be held October 20-23, 2004 at the Inn and Conference Center, University of Maryland, near Washington, DC. Attendees may register for the conference at www.giscience.org or www.aag.org/giscience2004/.

Honorary Geographer Nominations Solicited

very year the AAG designates an individual as that year's AAG Honorary Geographer as a way of recognizing excellence in research, teaching, or writing on geographic topics by non-geographers. Nominations for the 2004 Honorary Geographer are now being solicited.

Nominations should include the complete name and address of the nominee and a concise (500 words maximum) yet specific description of the accomplishments that warrant the nominee's selection as an Honorary Geographer. Biographical and bibliographical information not included in the statement should not exceed three additional pages of text.

Nominations are due no later than September 15, 2004. Digital submissions to ekhater@aag.org are preferred. Hardcopy nominations should be mailed to the AAG Meridian Place Office, (Honorary Geographer), 1710 Sixteenth Street NW, Washington, DC 20009-3198. ■

ADVANCING GEOGRAPHY CENTENNIAL FUND

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Specialty Group News

China Geography SG Awards

The China Geography Specialty Group gave a travel award of \$50 to Hu Zhiyong, Department of Geography, the University of Hong Kong, for his paper "Deconstructing State-owned Enterprises in Socialist China under Reform: A Scalar Examination". His advisor is George C.S. Lin.

Communication Geography SG

The newly established Communication Geography Specialty Group sponsored eleven paper sessions and held its inaugural business meeting at the 100th Annual Meeting of the AAG in Philadelphia. The specialty group provides a forum for intellectual exchange among geographers studying communication issues within a political, economic, or cultural geography framework as well as geographers studying communication technologies and infrastructure. The establishment of the Communication Geography Specialty group reflects the recent explosion of scholarship on communication within geography. The richness of this research was reflected in the sponsored sessions on new communication, social and cultural

conflict, the geography of film, and the role of communication in place making and community formation. Officers elected at the business meeting include chairperson Paul C. Adams, secretary-treasurer Barney Warf, communications director Michael Longan, and student liaison Melanie McCalmont. The specialty group has established a Web site for the purpose of coordinating its activities and communication with the public at www.communication-geography.org/. Inquires about the specialty group can be directed to commdirector@communication-geography.org.

Rural Geography SG

The Rural Geography Specialty Group Honors Committee announced that Amy Trauger, of Pennsylvania State University, received the Rural Geography Student Paper Award for 2004. Trauger received the award for her paper "I don't get out of my boots to go to the bank': Towards a Theory of Rural Public and Private Spheres" presented at the AAG's Annual Meeting in Philadelphia.

Attention Specialty Group Student Competition Organizers

If you are organizing a specialty group student competition with a deadline before the October 21, 2004, AAG Annual Meeting abstract deadline, and wish to run notice of your competition in the AAG Newsletter, please send your announcement to Megan Nortrup at newsletter@aag.org by June 1, 2004, for the July/August issue of the AAG Newsletter or by August 1 for the September issue.

Geographers Envision Ecological Cities

he Ecological Cities Project (ECP), started in 1999 by geographer and lawyer Rutherford H. Platt, documents and shares regional experience in making urban places greener, safer, healthier, and more equitable. The 'ecological cities' vision embraces such diverse initiatives as urban stream restoration, urban gardening, natural hazard mitigation, environmental education, ecovillages and green architecture, brownfield redevelopment, and endangered species habitat plans.

A broad network of "green urbanists" has held ecological cities conferences in Boston (2000), Columbia, South Carolina (2001—organized by geographer Kirstin Dow), New York City

(2002), and most recently Milwaukee, Wisconsin (2004—organized by geographer Chris DeSousa in collaboration with the UWM Center for Urban Initiatives and Research).

Within the AAG, an informal network of interested geographers have organized panel sessions at the New York, Los Angeles, and Philadelphia annual meetings. An article by Platt summarizing the ecological cities perspective: "Towards Ecological Cities: Adapting to the 21st Century Metropolis" will appear in the June, 2004 issue of *Environment*.

For more information about the Ecological Cities Project, please visit: www.ecologicalcities.org or email ecologicalcities@cas.umass.edu.

Grants and Competitions

Fulbright Lecturing/ Research Grants

The Fulbright Scholar Program offers lecturing and research awards in 140 countries for the 2005–06 academic year.

The application deadline for the Fulbright traditional lecturing and research grant is August 1, 2004, and for the summer German Studies Seminar and for spring/summer seminars in Germany, Korea, and Japan for academic and international education administrators the deadline is November 1, 2004. The Fulbright Senior Specialists Program has a rolling deadline.

For more information and registration and application guidelines visit www.cies.org, or call 202-686-7877.

Grants and Awards

Dawn Wright (Geography Program) and Jim Good (Director, Marine Resourcement Management) of Oregon State University have been awarded \$124,891 by the NOAA Coastal Ser-



Wright

vices Center (CSC) to establish a new minority graduate fellowship program to attract African-American, Native American, Latino/Hispanic, students to marine geography, GIS, and coastal resource management. This seed grant will fund two outstanding students on graduate teaching and research assistantships towards completion of master of science degrees.

Shannon O'Lear, University of Illinois at Urbana-Champaign, was awarded a \$148,000 grant from the National Science Foundation for her project titled, "Geography of Environmental Conflict: The Case of Azerbaijan". In this two-year project, O'Lear will collect and analyze data from a national survey and in-depth interviews in Azerbaijan to examine patterns of environmental dissatisfaction, perceptions of the international oil industry, and political activity.

This year, the National Geographic Committee for Research and Exploration gave awards to three AAG members for their field-based scientific research. Yehua Dennis Wei, of the University of Wisconsin at Milwaukee, received a \$20,000 grant for "Local Capitalism in China: An Institutional and Network Analysis of Private Enterprises in Wenzhou, Zhejiang Province." The objectives of the project are to better understand the evolution, structure, and networks of private enterprises; to explain the role of the local state and local entrepreneurs in industrial and regional development; and to discuss the theoretical implications of the Wenzhou model.

Jennifer Wolch, from the University of Southern California, received a \$20,000 grant for "Conservation Communities: A Case Study of Harmony, Florida." "Conservation communities" aim to minimize their ecological impacts, by saving open space, protecting the environment, and integrating town and country. In practice, they typically combine New Urbanist town designs with "green" building methods and generous provisions for habitat preservation.

John Rennie Short, from the University of Maryland, Baltimore County, has received an \$18,500 grant for "Measuring the Urban Impacts of Hosting the Summer Olympic Games." The focus of this study is on measuring the urban consequences on five recent Olympic host cities: Los Angeles, Seoul, Barcelona, Atlanta, and Sydney.

Gavin Bridge (Syracuse University) and Andrew Wood (University of Oklahoma) received \$160,000 in funding from the National Science Foundation for their project "Mapping Globalization: Geographies of Knowledge in the Oil Exploration and Production Industry." The three-year project examines how geographies of globalization are conditioned by the ways in which firms acquire, develop and mobilize different types of knowledge to operate in diverse geophysical and geopolitical environments. The study focuses on the Gulf of Mexico, Venezuela, and Sakhalin.

Walter A. Schroeder, associate professor emeritus of geography at the University of Missouri-Columbia, received the 2004 University Award for Scholarly Excellence presented by the University of Missouri Board of Curators. Schroeder was recognized for his book Opening the Ozarks: A Historical Geography of Missouri's Ste. Genevieve District, 1760-1830. The book also received the 2003 Missouri History Book Award and a 2003 Certificate of Commendation from the American Association for State and Local History.

Sarah J. Halvorson, assistant professor in the Department of Geography at The University of Montana, received the Helen and Winston Cox Education Excellence Award to Faculty Members in the College of Arts and Sciences. This cash award (\$3,300 plus an additional \$750 for the purchase of acquisitions for the Mansfield Library) is designed to encourage and reward junior faculty for their teaching excellence, accessibility to students, quality of out-of-class attention provided to students, and research contributions.

Doug Goodin and Shawn Hutchinson (Geography, Kansas State University) will play a major role in the 4-year project entitled, "The Impact of Rapid Anthropogenic Land Cover Change in the Chaco and Interior Atlantic Forest in Paraguay on Hantavirus Ecology" by Jonsson, C.B., L. Allen, Y. Chu, R. Owens, D.G. Goodin, J.M.S. Hutchinson, E. Pontelli, D. Ranjan, S. Tran, and M. Almiron. The project received \$1,857,996 from the National Institutes of Health.

Ling Bian, associate professor in the Geography Department at the University at Buffalo, is the third place recipient of the 2004 Leica Geosystems Award for Best Scientific Paper in Remote Sensing for her paper, "Retrieving Urban Objects Using a Wavelet Transform Approach" (PE&RS; 69-2, pp. 133-41). ■

Call for Papers

Applied Geography Manuscripts

The Pennsylvania Geographer, is soliciting manuscripts for the Fall/Winter 2004 edition on the topic of applied geography. The deadline for submitting material is August 15, 2004. Please send inquiries to editor William B. Kory at koryupj@pitt.edu.

Critical Human Geography

The deadline for paper/panel submissions to the 11th Annual Mini-Conference on Critical Human Geography is July 1, 2004. For more information contact Jay Gatrell, gejdg@isugw.indstate. edu or visit http://mama.indstate.edu/users/gejdg/2004mini.pdf.

Books Received

Agnew, John. Geopolitics: Re-Visioning World Politics. London and New York: Routledge, 2nd rev. ed., 2003. 154 pp., ISBN 0-415-31007-5.

Anderson, Elijah and Douglas S. Massey, eds. *Problem of the Century: Racial Stratification in the United States.* New York: Russell Sage Foundation, paper ed. of 2001 original ed., 2004. 470 and 8 pp., \$18.95, ISBN 0-87154-055-X.

Bakker, Karen J. An Uncooperative Commodity: Privatizing Water in England and Wales. New York: Oxford University Press, 2003. 224 and 17 pp., n.p., ISBN 0-19-925365-X.

Bankoff, Greg, Georg Ferks, and Dorothea Hilhorst, eds. *Mapping Vulnerability: Disasters, Development and People.* Sterling, VA: Earthscan, 2004. 236 and 19 pp., \$29.95, ISBN 1-85383-964-7.

Barry, Roger G. and Richard J. Chorley. *Atmosphere, Weather and Climate*. London and New York: Routledge, 8 revision ed., 2003. 421 and 16 pp., \$39.95, ISBN 0-415-27171-1.

Blomley, Nicholas. *Unsettling the City: Urban Land and the Politics of Property*. London and New York: Routledge, 2004. 207 and 21 pp., \$24.95, ISBN 0-415-93316-1.

Bojer, Hilde. Distributional Justice: Theory and Measurement. London and New York: Routledge, 2003. 151 pp., \$90.00, ISBN 0-415-29824-5.

Boyle, Paul, Sarah Curtis, Elspeth Graham, and Eric Moore, eds. *The Geography of Health Inequalities in the Developed World: Views from Britain and North America*. Burlington, VT: Ashgate, 2004. 395 and 19 pp., n.p., ISBN 0-7546-1398-4.

Brunn, Stanley D., Susan L. Cutter, and J.W. Harrington Jr., eds. *Geography and Technology*. Dordrecht, Netherlands: Kluwer, 2004. 613 and 32 pp., n.p., ISBN 1-4020-1871-1.

Dear, Michael and Gustavo Leclerc, eds. Postborder City: Cultural Spaces of Bajalta California. London and New York: Routledge, 2003. 306 and 18 pp., \$24.95, ISBN 0-415-94420-1.

Dempsey, Dave. On the Brink: The Great Lakes in the 21st Century. East Lansing, MI: Michigan State University Press, 2004. 304 and 11 pp., \$24.95, ISBN 0-87013-705-0.

Dilsaver, Lary M. Cumberland Island National Seashore: A History of Conservation Conflict. Charlottesville, VA: University of Virginia Press, 2004. 323 and 10 pp., \$35.00, ISBN 0-8139-2268-2.

Donnelly, Ignatius. *The Destruction of Atlantis: Ragnarok, or the Age of Fire and Gravel.* Mineola, NY: Dover, reprint of 1883 ed., 2004. 452 and 6 pp., \$14.95, ISBN 0-486-43144-4.

Falola, Toyin and Steven J. Salm, eds. *Globalization and Urbanization in Africa*. Trenton, NJ: Africa World Press, Inc., 2004. 294 and 12 pp., \$29.95, ISBN 1-59221-193-3.

Fellows, Will. A Passion to Preserve: Gay Men as Keepers of Culture. Madison, WI: University of Wisconsin Press, 2004. 288 and 10 pp., \$30.00, ISBN 0-299-19680-1.

Fennell, David. Ecotourism: An Introduction. London and New York: Routledge, 2nd rev. ed., 2003. 236 and 19 pp., \$31.95, ISBN 0-415-30365-6.

Gaile, Gary L. and Cort J. Willmott, eds. *Geography in America at the Dawn of the Twenty-First Century*. Oxford, UK: Oxford University Press, 2003. 820 and 21 pp., n.p., ISBN 0-19-823392-2.

Gibson, Timothy A. Securing the Secular City: The Politics of Revitalization and Homelessness in Downtown Seattle. Lanham, MD: Lexington Books, 2003. 312 pp., \$70.00, ISBN 0-7391-0569-8.

Hamnett, Chris. *Unequal City: London in the Global Arena*. London and New York: Routledge, 2003. 292 and 11 pp., \$29.95, ISBN 0-415-31731-2.

Janelle, Donald G., Barney Warf, and Kathy Hansen, eds. *WorldMinds: Geographical Perspectives on 100 Problems*. Dordrecht, Netherlands: Kluwer, 2004. 635 and 22 pp., n.p., ISBN 1-4020-1613-1.

Johnson, Jenny Marie. *Geographic Information: How to Find It, How to use It.* Westport, CT: Greenwood Press, 2003. 216 and 11 pp., \$65.00, ISBN 1-57356-392-7.

Keating, Michael, John Loughlin, and Kris Deschouwer. Culture, Institutions and Economic Development: A Study of Eight European Regions. Northampton, MA: Edward Elgar, 2003. 215 and 7 pp., \$80.00, ISBN 1-84064-701-9.

Lyell, Charles. The Geological Evidence of the Antiquity of Man. Mineola, NY: Dover, reprint of 1914 ed., 2004. 407 and 20 pp., \$22.95, ISBN 0-486-43576-8.

Millstone, Erik and Tim Lang. *The Atlas of Food: Who Eats What, Where and Why.* London: Earthscan, 2003. 128 pp., n.p., ISBN 1-85383-965-5.

Mitchell, Bruce, ed. Resource and Environmental Management in Canada: Addressing Conflict and Uncertainty. New York: Oxford University Press, 3rd rev. ed., 2004. 600 and 8 pp., n.p., ISBN 0-19-541809-3.

Moseley, William G., ed. *Taking Sides: Clashing Views on Controversial African Issues.* Guilford, CT: McGraw Hill/Dushkin, 2004. 390 and 21 pp., n.p., ISBN 0-07-284517-1.

Mosher, Anne E. Capital's Utopia: Vandergrift, Pennsylvania, 1855-1916. Baltimore: Johns Hopkins University Press, 2004. 249 and 18 pp., \$45.00, ISBN 0-8018-7381-9.

Peet, Richard. Unboly Trinity: The IMF, World Bank and WTO. London and New York: Zed Books, 2003. 250 and 10 pp., \$25.00, ISBN 1-84277-073-X.

Power, Marcus. *Rethinking Development Geographies*. London and New York: Routledge, 2004. 273 and 12 pp., \$31.95, ISBN 0-415-25079-X.

Pitzl, Gerald R., ed. *Encyclopedia of Human Geography*. Westport, CT: Greenwood Press, 2004. 294 and 22 pp., \$59.95, ISBN 0-313-32010-1.

Richardson, Bonham C. *Igniting the Caribbean's Past: Fire in British West Indian History.* Chapel Hill, NC: University of North Carolina Press, 2004. 233 and 15 pp., \$19.95, ISBN 0-8078-5523-5.

Roy, Ananya and Nezar Alsayyad, eds. *Urban Informality: Transnational Perspectives from the Middle East, Latin America, and South Asia.* Lanham, MD: Lexington Books, 2004. 338 and 8 pp., \$25.95, ISBN 0-7391-0741-0.

Books Received continued

Singh, Jai Pal and Mumtaz Khan. *Mythical Space, Cosmology and Landscape: Towards a Cultural Geography of India.* Delhi, India: Manak, 2002. 206 and 5 pp., n.p., ISBN 81-7827-045-5.

Slater, Candace, ed. In Search of the Rain Forest. Durham, NC: Duke University Press, 2003. 318 and 10 pp., \$22.95, ISBN 0-8223-3218-3.

Smith, Mick and Rosaleen Duffy. The Ethics of Tourism Development. London and New York: Routledge, 2003. 195 and 11 pp., \$29.95, ISBN 0-415-26686-6.

Wheeler, James O. and Stanley D. Brunn, eds. *The Role of the South in the Making of American Geography: Centennial of the AAG* 2004. Columbia, MD: Bellwether Publishing, Ltd., 2004. 441pp., \$24.45; ISBN 0-9665869-7-2.

Wheeler, Steven M. and Timothy Beatley, eds. *The Sustainable Urban Development Reader*. London and New York: Routledge, 2004. 347 and 14 pp., \$39.95, ISBN 0-415-31187-X.

Wood, Denis. Five Billion Years of Global Change: A History of the Land. New York: Guilford, 2004. 336 and 15 pp., \$19.95, ISBN 1-57230-958-X.

Yeung, Y. M. and Timothy K.Y. Wong. Fifty Years of Public Housing in Hong Kong: A Golden Jubilee Review and Appraisal. Hong Kong: Chinese University Press, 2003. 487 and 21 pp., \$55.00, ISBN 962-441-558-7.

Zeleza, Paul Tiyambe. Rethinking Africa's Globalization: Volume I—The Intellectual Challenges. Trenton, NJ: Africa World Press, Inc., 2003. 500 and 11 pp., \$29.95, ISBN 1-59221-038-4. ■

Award Deadlines

IUNE

14. National Geographic Education Foundation Grants. www.national geographic.com/foundation.

JULY

 PERISHIP Dissertation Fellowship Awards. Contact periship@riskinstitute.org.

AUGUST

1. Fulbright Traditional Lecturing Grants. www.cies.org.

SEPTEMBER

1. GENIP/Travelocity Award Nominations. Contact Sarah Bednarz at Department of Geography, Texas A&M University, College Station, Texas 77843-3147.

15. AAG Honorary Geographer nominations. Contact Ehsan Khater at ekhater@aag.org.

OCTOBER

- 1. James R. Anderson Medal of Honor. www.aag.org/Grantsawards/index.cfm.
- 1. Woodrow Wilson Center Fellowships. www.wilsoncenter.org.
- 7. J. Warren Nystrom Award. www.aag.org/Grantsawards/index.cfm.
- 15. McColl Family Fellowship. www. amergeog.org.
- 21. AAG Enrichment Funds for 2005 Annual Meeting. www.aag.org/Grants awards/index.cfm.

30. Young Scholar's Prize in Romani Studies. Contact Sheila Salo at ssalo@capaccess.org.

DECEMBER

- 1. J. B. Jackson Prize. www.aag.org/ Grantsawards/index.cfm.
- 1. AAG Globe and Meridian Book Awards. www.aag.org/Grantsawards/ index.cfm.
- 1. Title VIII Research Scholarships. Contact Edita Krunkaityte at krunkaitytee@wwic.si.edu.
- 31. Glenda Laws Award. www.aag.org/ Grantsawards/index.cfm.
- 31. Meredith F. Burrill Award. www.aag. org/Grantsawards/index.cfm.
- 31. George and Viola Hoffman Award. www.aag.org/Grantsawards/index.cfm. ■

Call for Nominations for AAG VP and National Councillor

he AAG Nominating Committee for the 2005 election is seeking nominations for AAG Vice President (one to be elected) and for National Councillor (two vacancies). Those elected will take office on July 1, 2005. Members should submit the names and addresses of each nominee and their reasons for supporting the nomination to any member of the committee no later than August

30, 2004. As part of your nomination statement, please confirm that your nominee is willing to be considered by the nominating committee for the position for which you are nominating her or him.

Committee members are: Mona Domosh, Department of Geography, Dartmouth College, Hanover, NH 03755, email domosh@dartmouth.edu; Sallie A. Marston, Department of Geography, Harvill Box 2, University of Arizona, Tucson, AZ 85721, email marston@ u.arizona.edu; Patricia F. McDowell, Department of Geography, University of Oregon, Eugene, OR 97403-1251, email pmcd@uoregon.edu.

Lists of past and current AAG officers may be found in the Handbook section of the current issue of the AAG's *Guide to Geography Programs in North America*.

Jobs in Geography

UNITED STATES

*ALABAMA, AUBURN 36849. The Geography program of the Department of Geology and Geography at Auburn University. One-year temporary Instructor or Visiting Assistant Professor (75% appointment) beginning Fall Semester (mid-August). Ph.D. in Geography preferred, ABD in Geography considered. Teaching responsibilities include three courses per semester, including large sections of our Core Curriculum introductory course. Other areas of specialization in human/cultural geography, especially urban and economic geography, preferred. Candidates must submit a short letter of application describing their teaching experience, a curriculum vitae, and names and addresses of three referees. Candidate must be currently eligible for employment in the United States, and must be able to communicate in the language of instruction. Review of applications will begin 01 June 2004 and continue until a candidate is recommended for appointment. Auburn University is an affirmative action-equal opportunity employer. Women and minorities are encouraged to apply. JUN 04-80.

Apply to: Tom L. Martinson, Geography Search Committee Chair, Department of Geology and Geography, 108 Tichenor Hall.

Applications may be e-mailed to martitl@ auburn.edu, with copy to Phillip Chaney at chanepl@auburn.edu.

CALIFORNIA, REDLANDS. 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. Please code all submissions AAG/TF. MAY 04-78.

*COLORADO, COLORADO SPRINGS 80840. United States Air Force Academy. The Department of Economics and Geography seeks an Instructor or Assistant Professor of Geography for a 10 1/2-month position beginning 12 July 2004. Teaching responsibilities are primarily introductory courses in Geographic Information Systems and Remote Sensing. Position and salary dependent upon qualifications. A Master's Degree in a relevant field is required for Instructor level and the Ph.D. is required for Assistant Professor level.

Deadline 7 May 2004 for applications. JUN 04-81-W.

To view the complete listing of job requirements, qualifications, minimum salary, and

application procedures, please navigate to: http://www.usafa.af.mil/dpc/EmplInfo/Empl_Info_Faculty.htm and then click on www.usajobs.opm.gov..

CONNECTICUT, STORRS 06269. The Department of Geography at the University of Connecticut invites applications for the position of department head with appointment at the rank of Associate or Full Professor, starting as early as 1 August 2004 and as late as 1 August 2005. Specialization open, but should be consistent with departmental strengths in urban, economic and population geography, geographical information science, spatial analysis, and an emerging expertise in areas of physical geography. Candidates must demonstrate a record of excellence in research, teaching, mentoring graduate students, and in competing for external research funds. Proven administrative/leadership experience is highly desirable. Candidates should also be open to interdisciplinary research initiatives in such areas as demography, environmental science,

"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

urban studies, etc. The position will include a nationally-competitive salary, outstanding benefits package, and a reduced teaching load. The successful candidate will be expected to take Geography at the University of Connecticut to a higher level of national stature.

The Department of Geography currently has 9 tenured or tenure-track faculty and four instructors, along with over 20 graduate students. The department is over 30 years old, with long-time BA and MA programs, and a recently established Ph.D. program. In the coming years, the department expects to expand with new hires in geography, and through joint hires with other departments in the College of Liberal Arts and Sciences, where geography seeks to capitalize on linkages between the social and environmental sciences. The department is housed in new facilities that feature a state of the art GIS lab, and a spacious laboratory for physical geography teaching and research. These physical upgrades are a part of UConn 2000, a billion dollar commitment from the State of Connecticut to upgrade university infrastructure.

Applicants should send letters of application that review teaching experience, research accomplishments, research-funding history, and administrative experience. Applicants should also send a curriculum vita, other supporting materials, and contact information for three referees. Review of applications will begin May 1, 2004, and will continue until the position is filled. MAY 04-76.

Apply to Dr. Veronica Makowsky, Search Committee Chair, Department of Geography, 215 Glenbrook Rd., U-4148, University of Connecticut, Storrs, CT 06269. Email: veronica. makowsky@uconn.edu.

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

MINNESOTA, MANKATO 56001. Minnesota State University Department of Geography invites applications for a one year fixed-term Assistant Professorship in Geography specializing in GIS, beginning August, 2004. Required: Ph.D. (ABD considered); doctoral or master's degree in geography or cognate field; ability to teach undergraduate and graduate courses in GIS; demonstrated research potential; ability to work with diverse populations. Other considerations: ability to teach remote sensing and/or GPS based mapping; ESRI certifications; previous college teaching experience.

MSU has a long-standing commitment to cultural diversity and is actively seeking to nurture and enrich its cultural, racial and ethnic communities. It is expected that the successful candidate will share this commitment. MSU strongly encourages applications from women, persons of color, and persons with disabilities.

Review of applications will begin April 19, 2004 and will continue until position is filled. Submit letter of application, curriculum vitae with names, addresses and telephone numbers of three references, transcripts, teaching evaluations and examples of research to the address below. MAY 04-74.

Apply: Search Committee Chair, Department of Geography, Minnesota State University, Armstrong Hall 7, Mankato, MN 56001-6026. Phone: 507-389-2617; FAX: 507-389-2980. Visit our web site at: www.mnsu.edu/dept/geog/MSU_GEOG.html.

AA/EOE and a member of the Minnesota State Colleges and Universities System.

NEW HAMPSHIRE, HANOVER 03755. The Rockefeller Center for Public Policy seeks a Research Associate/Post Doctoral Fellow to direct a pilot Undergraduate Public Policy Research Shop, serving the state legislatures of Vermont and New Hampshire on issues of education, health care, and the environment. The appointment would run from August 1, 2004 through June 30, 2005, with the potential for renewal. Administrative hours vary based on legislative sessions.

The successful candidate would hold an advanced degree (Ph.D. preferred) and have work in education, non-profit, public affairs, or public policy environment, with particular emphasis in research design and analysis. Applicants should have demonstrated ability in organizational development and leadership, excellent communication and interpersonal skills and an entrepreneurial spirit.

Compensation: \$34,000 and Dartmouth College benefits. EO/AAE. Women and minority candidates are encouraged to apply. Send cover letter, curriculum vitae or resume, names of three references, and a writing sample, to the address below. MAY 04-73.

Apply: Christine Gex, Rockefeller Center, Dartmouth College, 6082 Rockefeller Hall, Hanover, NH 03755. Review of applications will begin immediately.

NEW JERSEY, GLASSBORO 08028. Rowan University, Department of Geography/Anthropology – 3/4 Time Temporary position, beginning

September 1, 2004 to June 30, 2005. 1 year position teaching Geography of US & Canada (3 sections Fall, 3 sections Spring). Master's Degree minimum requirement. Rowan University is an Affirmative Action/Equal Opportunity employer. Applicants should provide a curriculum vitae, copies of transcripts, and, if possible, evidence of teaching effectiveness by June 15, 2004. MAY 04-72.

Apply to: Dr. David Kasserman, Chair, Department of Geography and Anthropology, Rowan University, 201 Mullica Hill Road, Glassboro, New Jersey 08028.

For inquiries about the position: (e-mail) ruthig@rowan.edu or (voice) (856) 256-4811.

NEW YORK, GENEVA 14456. The Environmental Studies Program at Hobart and William Smith Colleges (HWS) invites applications for an ongoing, fulltime Assistant Director at the Assistant Professor level, beginning in the Fall of 2004. We seek an interdisciplinary colleague with a commitment to cross-divisional (social science and science, humanities and science, e.g., public policy and land use planning, geography and local environmental history) teaching and research, a desire to initiate and integrate community service opportunities, and the ability and commitment to work with a culturally and socially diverse population. Teaching responsibilities include an introductory interdisciplinary Environmental Studies course and a group senior integrative experience each year; and other courses in the candidate's field of expertise for a total of three courses per year. Administrative duties are student-centered and include oversight and development of the program's community service opportunities (e.g., composting), student internships at area organizations, student advising, high-school outreach programs, and summer student research programs. Applicants should have a Ph.D., and complement existing expertise within the Environmental Studies program. The Colleges are located on the northwestern shore of Seneca Lake, the largest Finger Lake, maintain a well-equipped 65-ft research vessel, The William Scandling, and recently established the Finger Lakes Institute that is dedicated to the promotion of environmental research and education about the Finger Lakes and fostering environmentally sound land use and other practices throughout the region. See the program's web site at http://academic.hws.edu/envstud/index.asp for additional information.

The Colleges are committed to attracting and supporting a faculty of men and women that fully represents racial, ethnic, and cultural diversity. Applicants must send a letter, teaching statement,

CV, and arrange for three letters of recommendation to be sent. Review of applications will begin on April 26th. Application materials, letters of recommendation and inquiries should be sent to the address below. MAY 04-71.

Apply: John D. Halfman, Director, Environmental Studies Program, Hobart and William Smith Colleges, Geneva, NY 14456. Voice: 315-781-3918, Fax: 315-781-3860, and E-mail: Halfman@hws.edu.

NEW YORK, PALISADES 10964. Senior position in exciting new poverty mapping projec-Search # LD 670 04 003. CIESIN is seeking an individual with proven scientific and project management abilities to lead a major poverty mapping project. Responsibilities will include production of a global poverty map utilizing subnational spatial data; preparation of a compendium of high-resolution poverty maps; and analysis of the relationship between the spatial distribution of poverty and biophysical features such as soil fertility, water availability, and transportation access. The work will be carried out in close collaboration with the United Nations Millennium Project (http://www.unmillenniumproject.org/) and the World Bank (http://www.worldbank.org). Interaction with other partners will also be essential.

The successful candidate will be hired at one of two levels, depending on qualifications. The Senior Staff Associate position requires a masters degree in geography, economics, sociology or a closely related social science discipline, plus four years' work experience carrying out spatial analysis of poverty or other development outcomes. The Associate Research Scientist position requires a Ph.D. in geography, economics, sociology or a closely related social science discipline; three years' work experience; and a proven ability to raise research funds. Both positions require proven experience integrating socioeconomic and biophysical spatial data; demonstrated oral and written communication skills; experience with major statistical analysis software (for example STATA, SPSS, SAS, S-Plus); experience with ArcGIS or equivalent spatial analysis software; and experience in the conception, design, implementation, analysis and reporting of complex research projects.

To apply, please submit by electronic format: a letter of application including position reference number 670 04 003, a C.V. that includes email address; a statement of research interest (1 page) and career objectives (up to 3 pages); and contact information for three references to the address below. MAY 04-77.

Apply: personnel@admin.ldeo.columbia.edu with position number 670 04 003 also in the subject line. Screening will begin after the ad appears for 30 days.

Columbia University is an Equal Opportunity and Affirmative Action Employer. Minorities and Women are encouraged to apply.

OHIO, ATHENS 45701-2979. Ohio University. The Department of Geography invites applications for a Visiting Assistant Professor effective September 2004. The successful candidate shall have a strong teaching background in physical geography, meteorology and climatology. Ohio University offers a competitive salary with full benefits. Ph.D. preferred. The completed application must include a letter of application, curriculum vitae, graduate transcript(s), three letters of recommendation, and evidence of established teaching skills. Ohio University is an affirmative action/equal opportunity employer. Women and minorities are encouraged to apply. Completed application packet must be received by 7 May 2004. MAY 04-69-1.

Apply: Dr. Ronald Isaac, Chair, Department of Geography, 122 Clippinger Labs, Ohio University, Athens, OH 45701-2979. Voice 740-593-1138. Fax 740-593-1139. E-mail isaacr@ohio.edu.

UNIVERSITY PENNSYLVANIA, **PARK** 16802. The Alliance for Earth Sciences, Engineering and Development in Africa (AESEDA), in the College of Earth and Mineral Sciences at Penn State, invites applications for a tenuretrack position with a research and teaching focus on Geo-Resources and Sustainable Development in Africa. The Alliance integrates physical sciences, engineering, and social sciences to develop human and institutional resources, while promoting the stewardship of geo-resources (water, energy and minerals) and the protection of the environment in sub-Saharan Africa. The successful candidate's tenure home may be in any of the diverse departments within the College (Energy and Geo-Environmental Engineering, Geography, Geosciences, Materials Science and Engineering, Meteorology). Penn State is committed to affirmative action, equal opportunity and the diversity of its workforce. Women and minorities are particularly encouraged to apply. Further information on the position and the application procedure can be found at (www.africaalliance.psu.edu). MAY 04-70.

TENNESSEE, NASHVILLE 37208. The Glenmary Home Missioners seek an experienced

Ph.D. in sociology or related social science to direct the Glenmary Research Center. The center focuses on applied research related to social, cultural and religious life in the rural U.S., particularly the South, with emphasis on parish, community and region.

The position requires the ability to design and conduct studies using quantitative and qualitative research skills, with GIS skills a definite plus. Also required are strong leadership and administrative skills, ability to communicate with a wide variety of Catholic and ecumenical lay and professional audiences and to supervise a small staff. The director must be a Roman Catholic with knowledge of, or willingness to learn about, Glenmary and its missions.

Salary is competitive with an excellent fringe benefit package. Search begins immediately and continues until the position is filled. Those with a master's degree and a minimum of five years experience in a similar type research center may be considered. Further information about Glenmary, the GRC or the position can be found at www.glenmary.org. Please submit vita (or resume) to the address below. APR 04-6-3.

Apply: Search Committee, Glenmary Research Center, 1312 Fifth Avenue North, Nashville, TN 37208 or email documents as MS-Word attachments to grc@glenmary.org or Fax to 615-251-1472.

*VIRGINIA, NORFOLK 23529-0088. Old Dominion University invites applications for a one-year Visiting Assistant Professor (or Visiting Lecturer) specializing in GIS beginning August 1, 2004. Teaching responsibilities are three courses per semester. Ph.D. in Geography required for appointment as Visiting Assistant Professor; ABD or Masters in Geography for appointment as Lecturer. Demonstrated ability to teach a combination of courses such as maps and geographic information, cartography, introductory GIS, and advanced GIS.

Send letter of application, curriculum vitae, teaching evaluations, transcripts, and names and phone numbers of three references to the address below. JUN 04-83.

Apply: Dr. Thomas R. Allen, GIS Search Committee, Department of Political Science and Geography, Old Dominion University, Norfolk, VA 23529-0088. Voice 757-683-3846, Fax 757-683-4763, e-mail TAllen@odu.edu. Review of applications begins immediately and will continue until the position is filled. Old Dominion University is an equal opportunity, affirmative action institution and requires compliance with the Immigration Reform and Control Act of 1986.

INTERNATIONAL

*CANADA, ONTARIO, LONDON N6A 5C2. The Department of Geography at The University of Western Ontario (UWO) invites applications for a tenure-track Assistant Professor position in physical geography from candidates eligible for a Natural Sciences and Engineering Research Council University Faculty Award (UFA). The award is only available to women and aboriginal scientists who are citizens or permanent residents of Canada. The University of Western Ontario will sponsor the UFA application and the appointment is conditional upon acceptance into the UFA program and the awarding of an NSERC Discovery Grant. Interested candidates should consult the UFA program details and eligibility criteria at http://www.nserc.ca/professors_e.asp? nav=profnav&lbi=c7.

Candidates must have a Ph.D. degree at the time of appointment and will be expected to build a strong, externally-funded research program, including supervision of graduate and undergraduate research, in a field of physical geography that complements the department's existing research strengths. Further information about the department may be found at: http://geography.ssc.uwo.ca.

The appointment will be effective July 1, 2005. Applications, including a statement of research and teaching interests, current curriculum vitae and the names and addresses of three referees, together with their e-mail, fax and

telephone numbers, should be sent to the address below. JUN 04-79-1.

Apply: Dr. Roger H. King, Professor and Chair, Department of Geography, Social Science Centre, The University of Western Ontario, London, Ontario, N6A 5C2, Canada. Tel: (519) 661-3653; Fax: (519) 661-3750. E-mail: king@uwo.ca

Complete applications must be received by June 30, 2004. E-mailed and faxed applications will not be accepted.

Applicants should have fluent writing and verbal communication skills in English. The University of Western Ontario is committed to employment equity, welcomes applicants from visible minorities and persons with disabilities, but, in accordance with NSERC UFA eligibility, applicants for this position must be women or aboriginal scientists.

UNITED KINGDOM, HIGHFIELD, SOUTHAMPTON SO17 1BJ. (Ref: 03F0675)
The School of Geography seeks to appoint a Senior Lecturer/Reader in Human Geography,

Continued on page 22

Assistant Professor



The **Department of Geography** invites applications for a tenure track position as an Assistant Professor in Remote Sensing. The Department is seeking expertise in remote sensing fundamentals and applications, preferably with research interests relating to modelling the natural environment or human/environmental interactions. The successful applicant will complement existing Departmental expertise in applications relating to the cryosphere, geomorphology, image processing techniques and vegetation processes. Preferred start date for the position is January 1, 2005.

The successful candidate's principal duties include undergraduate teaching, graduate teaching and supervision (in both MGIS and Departmental thesis-based programs at the Master's and PhD levels), and university service. A demonstrated ability and interest in teaching Geography at the introductory (first year) level would be favourably received; applicants should address this in their letter of application. Also, the successful candidate will be expected to establish an independent, externally-funded research program at the University of Calgary. Candidates demonstrating a strong research record or a clear promise of excellence in research will be given the highest consideration. Applicants should hold a PhD degree at the time of appointment.

The Geography Department, with 24 faculty members currently, offers BA and BSc degrees and a graduate program of study leading to the MGIS, MA, MSc or PhD degrees. The Department plays a leadership role in, and has strong links with, multi-disciplinary undergraduate programs including Environmental Science, Earth Science and Transportation Studies. The Department's graduate MGIS program enrols approximately 75 students and provides the core for a significant faculty concentration of expertise in GIS, Remote Sensing and Spatial Statistics. State-of-the-art research, teaching, computing and analytical facilities are available in the Department, particularly in the area of Remote Sensing and GIS.

The closing date for applications is **July 31, 2004**. Applicants should provide a letter of application that includes a discussion of their teaching philosophy and interests, as well as a detailed statement of their current and proposed research program. A curriculum vitae and evidence of teaching and research ability, including reprints of recent publications, also should be included.

Apply: **Chair, Search Committee**, Department of Geography, University of Calgary, 2500 University Dr. N.W., Calgary, AB T2N 1N4. Fax 403-282-6561.

Further information about the Department may be found at: http://www.ucalgary.ca/geog

Please do not respond by email to this advertisement.

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

The University of Calgary respects, appreciates and encourages diversity.

To see all University of Calgary academic positions, please visit www.ucalgary.ca/hr/career



Jobs from page 21 -

starting in September 2004, to join the Economy, Culture, Space research group.

The School invites candidates with an international research reputation in human geography and a strong record of research grant funding. An appropriately qualified candidate may be appointed at Readership level.

Further details are available from the School's web-site (http://www.geog.soton.ac.uk) and informal enquiries may be made to Professor Peter Sunley (p.j.sunley@soton.ac.uk) or Professor Nigel Arnell (n.w.arnell@soton.ac.uk).

This appointment is available from 1 September 2004.

Salary will be in the range £36,464 - £41,333 per annum on the Senior Lecturer/Reader salary scale.

Application forms and further particulars are available from Human Resources (F), University of Southampton, Highfield, Southampton SO17 1BJ, tel: +44 (0)23 8059 2750, email: recruit@ soton.ac.uk, minicom: +44 (0)23 8059 5595 or website www.jobs.soton.ac.uk. Applicants should send an application form and full Curriculum Vitae (3 copies from UK applicants, and 1 from overseas), including the names and addresses of three referees, to arrive no later than 7 June 2004. Please quote the reference number above. MAY 04-75.

New Members

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

Al-Ali, Abdulrahman, Terre Haute, IN Alnosaiyan, Abdulrahman,

Terre Haute, IN

Anderson, Kiel, Marquette, MI Baird, Jonathan, Silver Spring, MD

Barkan, Joshua, Minneapolis, MN Beardsley, Karen, Davis, CA

Beckford, Clinton, Windsor,

ON, Canada

Bonansea, Bruno

Burns, Ryan, Richmond, KY

Caito, Anthony, La Mirada, CA

Church, Alan, Glendale, AZ

David, Manley, St Andrews, UK

Doberstein, Brent, Waterloo,

ON, Canada

Dubayah, Ralph, College Park, MD

Durden, Amy, Shawboro, NC

Ehlers, Paul, Rhinelander, WI

Emili, Lisa, Naperville, IL

Eunsuk, Chang

Farber, Steven, Toronto, ON, Canada

Franks, Shannon, College Park, MD

Hearn, Paul, Reston, VA

Helm, SunHee, Lakewood, WA Howard, Sidley, Newark, OH

Hunter, Mark

Kai, Derek, Charleston, IL

Ke, Xiankun, Regina, SK, Canada

Kent, Richard, Tallahassee, FL

Kunz, Kathy, Portage, WI

Lapenis, Andrei, Albany, NY

Lichtenstein, Katherine, Seattle, WA

Lim, Kevin, Kingston, ON, Canada

Maclachlan, John, Hamilton,

ON, Canada

Madeoy, Marlow, Ashburn, VA

Marek, Rebecca, East Stroudsburg, PA

Martin, Cory, Huntington, WV

McBride, David

McKesson, Emily, Owings Mills, MD

McManus, Ruth, Dublin, Ireland

Miller, Ryan, Apple Valley, MN

Moore, David, Seattle, WA

Moore, Gary

Mulrooney, Timothy, Hanover, VA

Nikolas, Schiller, Washington, DC

Ochoa-Winemiller, Virginia,

Wetumpka, AL

O'Keefe, Robert, Calabasas, CA

Pacchiani, Isabella, Geneva, Switzerland

Passerello, John, Folsom, CA

Platt, Greg, Herriman, UT

Ratke, Aaron, Howell, MI

Rogers, Alisdair, Oxford, UK

Rubin, Eric, Washington, DC

Sakakibara, Chie, Norman, OK

Schultz, Sam, Mayodan, NC

Sharp, Duane, Charleston, IL

Spindler, Kurt, Herndon, VA Taylor, Jonathan, Fullerton, CA

Taylor, Leslie, Springfield, PA

Taylor, Seth, Noblesville, IN

Thompson, George, Harrisonburg, VA

Troutman, Kevin, Albuquerque, NM

Turnbull, Ken, Littleton, CO

Vann, Barry, Andersonville, TN

Wenzl, Andrew, Seattle, WA

White, Ben, Manhattan, KS

Williams, Melissa, Hilliard, OH

Noble, Nathan, CO

Quarter Century

 \blacksquare he June-July issue of the AAG Newsletter reported that during the AAG's 75th Annual Meeting celebration 750 papers, 54 special sessions, 12 poster sessions (with 132 presentations), 14 workshops, 24 interest groups, 24 specialty groups, and 21 field trips were held. President Brian Berry announced the winners of the year's election of officers: President—John Fraser Hart (Minnesota), Vice-President—Nicholas Helburn (Colorado), Councillors—Karl Butzer (Chicago) and Clarissa Kimber (Texas A&M). Past President Melvin

Marcus delivered a past-president's address entitled "Coming Full Circle: Environmental and Physical Geography in the 20th Century."...James R. Shortridge, associate professor of geography, University of Kansas, was awarded a Guggenheim Fellowship to conduct research on the cultural geography of the Middle West...Dennis Conway, assistant professor at Indiana University, Bloomington, project director of a joint research project with Nanda Shrestha (Indiana), Mohan N. Shrestha, associate professor (Bowling Green State University, Ohio) and Bal Kumar K.C., assistant professor (Tribhuvan University, Nepal), were awarded a \$47,856 grant under the Ford and Rockefeller Foundations' Research Program on Population and Development Policy for research on "Causes and Consequences of Rural-to-Rural Migration in Nepal"... George O. Carney of Oklahoma State University was awarded a grant from the Oklahoma Humanities Committee entitled "Bluegrass: American Musical Tradition."... The 279-page book The AAG: The First Seventy-Five Years, 1904-1979 was offered for sale for \$10 to AAG members.

Events Volume 39, Number 6

2004 JUNE

- 7-9. Geographic Information Systems Mapping in Asia and the Pacific. Honolulu, HI. www.higicc.org/gismap.asp.
- 9-11. 61st Eastern Snow Conference (ESC). Portland, ME. www.easternsnow.org/.
- 11. Geospatial Summer Symposium. New York, NY. www.gita.org/chapters/new_york/2004_nynj_gss.pdf
- 21-26. Summer Institute on Internal Migration. Los Angeles, CA. www. international.ucla.edu/migration2004.
- **28-30.** Earth System Science Education for the 21st Century (ESSE 21). Monterey, CA. http://esse21.usra.edu.

JULY

- 12-24. The XXth Congress of the International Society for Photogrammetry and Remote Sensing. Istanbul, Turkey. www.magister.tr.
- 21-25. 10th International Conference on Information Systems Analysis and Synthesis (ISAS 2004) and International Conference on Cybernetics and Information Technologies, Systems and Applications (CITSA 2004). Orlando, FL. www.infocybernetics.org/citsa2004/WebSite/Default.asp.
- **22-26.** Tourism & Literature: Travel, Imagination & Myth. Harrogate, Yorkshire, UK. www.tourism-culture.com.

AUGUST

- 9-13. ESRI International User Conference. San Diego, CA. www.esri.com/events/uc.
- 12-15. IGU Commission on Political Geography Pre-Congress Workshop. Durham, UK. Contact igu-durham@durham.ac.uk.
- 15-20. 30th Congress of the International Geographical Union. Glasgow, UK. www. meetingmakers.co.uk/IGC-UK2004.
- 21-24. Post-IGC Symposium in Urban Morphology. Newcastle upon Tyne, UK. www.let.rug.nl/isuf/.
- 27. Western Pennsylvania GIS Conference. Canonsburg, PA. www.cup.edu/liberalarts/earthscience/gis/.

SEPTEMBER

7-11. 6th International Conference on Geomorphology: Geomorphology in regions of

- environmental contrasts. Zaragoza, Spain. http://wzar.unizar.es/actos/SEG/index.html.
- **8-10.** International Symposium on Earth Systems. Istanbul, Turkey. www.earthsystem 2004.org/default.asp.
- **8-11.** AAG Pacific Coast Division Meeting. San Luis Obispo, CA. http://cla.calpoly.edu/~jkeese/.
- **12-16.** National States Geographic Information Council. Austin, TX. www.amrinc.net/nsgic/secure/2004annual.cfm.
- 17-19. Race/Ethnicity and Place Conference. Howard University, Washington, DC. www.aag.org/meetings.
- 30 September-1 October. 15th Conference on the Small City and Regional Community. Stevens Point, WI. www.uwsp.edu/polisci/smallcity/Call_for_Papers.htm.
- 30 September–2 October. AAG Great Plain/Rocky Mountain Division Meeting. Eros Data Center, South Dakota State University, SD. http://geography.unco.edu/GPRM/.

OCTOBER

- 1-3. 35th Binghamton Geomorphology Symposium on Weathering and Landscape Evolution. Lexington, KY. www.uky.edu/AS/Geography/Binghamton04/.
- 6-8. Wengen 2004 International and Interdisciplinary Workshop: Mountain Glaciers and Society: Perception, Science, Impacts and Policy. Wengen, Switzerland. www.unifr.ch/geoscience/geographie/EVENTS/Wengen/04/Wengen2004.html.
- **6-8.** GIS in the Rockies Conference. Denver, CO. www.gisintherockies.org.
- 7-9. AAG West Lakes Division Meeting. Oshkosh, WI. www.geog.umn.edu/West_Lakes_AAG.
- 11-13. Spatial Cognition 2004. Bavaria, Germany. www.sfbtr8.uni-bremen.de/events. html.
- 15-16. AAG New England St. Lawrence Valley Division Meeting. Portland, ME. Contact Cathleen McAnneny at mcanneny@maine.edu.
- 15-16. AAG East Lakes Division Meeting. Department of Geography at Ohio University. Contact Tim Anderson at anderst1@ ohio.edu.

- **20-23. GIScience 2004.** College Park, MD. www.giscience.org.
- **20-23.** National Council for Geographic Education Annual Meeting. Kansas City, MO. www.ncge.org/activities/meetings/kansascity/.
- 20-24. Applied Geography Conference. St. Louis, MO. www.appliedgeog.org/html/main. htm.
- 21-23. Pioneer America Society, 36th Annual Meeting. Newtown, PA. Contact David Kimmerly at kimmerly@comcast.net.
- 29-30 AAG Middle States Division Meeting. Villanova, PA. Contact Keith Henderson at keith.henderson@villanova.edu.

NOVEMBER

- 7-10. URISA Annual Conference. Reno, NV. www.urisa.org/annual.htm.
- 10-13. AAG Southwestern Division Meeting. Nacogdoches, TX. Contact Darrell McDonald at dmcdonald@sfasu.edu.
- 11-14. 2004 American Studies Association Meeting. Atlanta, GA. www.georgetown.edu/crossroads/AmericanStudiesAssn/annual meeting/.
- 21-23. AAG Southeastern Division Meeting. Biloxi, MS. Contact Clifton Dixon at 601-266-4729 or c.dixon@usm.edu.

2005

- 5-9 April. AAG 101st Annual Meeting. Denver, CO. www.aag.org.
- 14-15 April. 36th Annual South Dakota State Geography Convention. Brookings, SD. www3.sdstate.edu/Academics/Collegeof ArtsAndScience/Geography/Index.cfm.
- 14-17 April. Annual Meeting of the National Council on Public History. Kansas City, MO. www.ncph.org.

2006

7-11 March. AAG 102nd Annual Meeting. Chicago, IL. www.aag.org.

2007

16-21 April. AAG 103rd Annual Meeting. San Francisco, CA. www. aag.org. ■

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The Indian Peaks Wilderness Area, a short drive from downtown Denver. Photo by Richard Grant, copyright Denver Metro CVB.

2005 AAG Annual Meeting in Denver Colorado April 5-9

Mark your calendar for the 2005 AAG Annual Meeting!

The 2005 meeting pairs exciting sessions and special events with the magnificent backdrop of the Rocky Mountains.

Visit www.aag.org/annualmeetings/intro. html for more information. The 101st Annual Meeting call for papers is available on page 6 of this newsletter.

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