

In This Issue



From the Meridian.....	2
President's Column	3
AAG Washington Monitor	9
Member Profile.....	15
Members of Note	16
New Appointments	17
Call for Papers.....	18
Geographic Centers	18
Grants & Awards	19
Specialty Group News	20
New Members	21
Grants & Competitions	22
Quarter Century.....	22
Award Deadlines	23
Necrology.....	25
Books Received	26
Jobs in Geography.....	28
Events	39

Road to the American West

The lure of the American West is an undeniable force. But people have had their eyes set on Colorado long before the AAG announced its next annual meeting would be held in Denver, April 5-9, 2005.

Colorado's history, and Denver's in particular, started explosively—when gold was discovered. The intensity of the 1859 Colorado gold rush was brought on in part by poor economic conditions in the United States. The country was experiencing an economic slump that had begun in 1857, and the stories of gold in Colorado (most, highly exaggerated) stirred an excitement for westward movement that hadn't been seen since the California gold rush of 1849. "Pike's Peak fever" spread across the country from the eastern Great Plains to the Atlantic coast during the winter of 1858-59. Rumors of wealth and fortune prompted many to

abandon their homes and head for Colorado. A humorous story of the time that illustrates the collective state of mind describes a resident of Council Bluffs who was observed gathering up a large number of meal-bags. When he was asked what he was going to do with them he replied "Fill them with gold at Pike's Peak" and when he was told that that he couldn't possibly do that he retorted "Yes I can, if I have to stay there 'til fall".

It has been estimated that as many as 100,000 gold seekers set out for Colorado in 1859. Although probably less than half of that number actually reached the Pike's Peak area, the influx of prospectors, merchants, and promoters quickly transformed the fledgling settlement of Denver into an important regional center. The city also became a major destination point for emigrant and stage routes. At

Continued on page 8



Photos courtesy of Denver Public Library, Western History Collection

AAG Annual Meeting Call for Papers—See Page 12

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AAG Initiates Program for Senior Geographers

A large cohort of U.S. academic and professional geographers is now approaching retirement age. As I have traveled the country over the past few years, attending AAG regional meetings, visiting universities and geography departments, and speaking with groups of geographers from all corners of the discipline and the nation, I have been struck by the enormous reservoir of talent, experience, and caring that soon will be lost to American geography as these geographers retire.

Two years ago, when offered the position of Executive Director of the AAG, I published in this newsletter a set of what I saw then as "Challenges Facing the AAG" (AAG Newsletter, August 2002). The challenges identified were wide ranging, and I am proud to say that we have made very substantial progress on most of them during the past two years. One of those that remains was the pledge to "make greater use of the talent and resources of our membership in outreach," and in particular "finding more meaningful ways to engage the extraordinary experience and skills of our retired geographers in the AAG's on-going outreach and related programs."

Since that time, I have explored this issue at great length in discussions with many members, and through an advisory group convened by myself and former AAG President Janice Monk, and which also includes Richard Morrill, former AAG President and current President of the Retired Geographers Affinity Group; former AAG President John Adams of the University of Minnesota; James McConnell, University at Buffalo, SUNY; Lydia Pulsipher, University of Tennessee; and Sandra Shaw, formerly of the U.S. Department of State. The result of these

discussions has been a decision to establish an innovative program, the AAG Senior Associates initiative, designed to engage senior members of the profession in new opportunities for stimulating work that recognizes their talents and experience and that directly supports the work of the Association and the discipline.

Activities are envisioned at several levels. Nationally, the Associates' networks and experience could assist the AAG staff in such tasks as developing "talent banks" (e.g., for media outreach); preparing print or online resources to support numerous existing programs such as departmental support efforts, diversity initiatives,



Richardson

or international collaborative work. Associates could provide a valuable resource to on-going leadership development and mentoring programs for early and mid-career geographers, or by assisting with selected activities related to AAG's annual meetings, publications, and membership recruitment programs. Assistance developing proposals to foundations and federal agencies, and with AAG's special fundraising activities are also areas in which some Senior Associates may have special and much-valued expertise to share. Regionally and locally, Associates might also help build bridges to geographers working in small or interdisciplinary programs or at community colleges, and contribute in multiple ways to efforts to strengthen geography's position in education, governmental, and private sectors.

Other opportunities for potential engagement in important work by Senior Associates might include liaison with the AAG's new public policy program. Activity in this arena could involve interaction with local Congressional

Continued on page 4

Healthy Departments, Healthy Discipline

Strong, healthy departments play a powerful role in the success of geography; a point driven home to me as a department chair and as an AAG councilor. And yet, geography departments are deeply influenced by the challenges facing higher education in contemporary times. As Duane Nellis puts it, many public universities have gone from being state-funded to state-assisted to state-located! Since geography departments are primarily in public universities we are feeling the effects of these enormous budgetary pressures on the public sector. Public universities have taken huge hits in the context of shrinking public budgets fueled by a political climate that is not friendly to public spending. In this context, public universities are in competition for public dollars with prisons, transportation, and K-12 schooling. Universities have responded by raising tuition, but this cannot continue unchecked without engendering other enormous costs in terms of the character of those universities. There are also substantial demographic pressures as faculty are retiring in large numbers; then because of financial pressures, open lines often do not automatically return to departments. In short, geography departments are working in a highly competitive environment and we must think constructively about how to thrive in these times.

The health of geography is a central concern of the AAG. Despite the fact that it is an individual member organization, almost all members passed through a geography department at some point in their careers and so the health and strength of geography departments is of great importance to the work of the AAG. To respond to these challenging times and recognizing the central role of geography departments in our professional formation and to the overall health of the discipline, I have developed an AAG Healthy Departments Initiative. A central component of this is a Healthy Departments Standing Committee that will work to strengthen geography programs by shar-

ing, developing, and disseminating materials and information of use to department heads; organizing workshops and other activities; providing recommendations of geographers who could serve effectively as site visitors or reviewers; and bringing to the attention of Council issues of importance to the health of geography departments. The committee will also provide a resource for departments in need of rapid input in response to challenges that arise. Committee members are currently Sarah Bednarz, Vicky Lawson (chair), Alexander Murphy, (with John Adams, Richard Marston, and Marie Price nominated to Council).

We kicked off this initiative in June of this year with an AAG Healthy Departments Workshop. Thirty-one leaders of geography, including department chairs, deans, provosts, and future leaders, came together to share visions, ideas and practical strategies for strengthening geography departments. We focused on strategies for positioning departments within their respective institutions by aligning with college and university missions, understanding the current political and budgetary climate and building strong relationships both inside and outside the university. Our wide-ranging discussions generated some key insights and advice.

First, don't be shy. Take the good news about geography and about your department to your administrators, deans, provosts, and presidents. They appreciate having talking points as they speak to outside audiences, give annual addresses and the like. Build relationships with administrators and be sure to communicate your successes in succinct and powerful ways. In these ways, the work of leading a department can be creative intellectual work as you build arguments about the importance and impact of various dimensions of the discipline. This work forces us

all to think hard about who we are, what we are doing, and the impacts of our work. Always be ready with some compelling examples that will be persuasive in your institutions—such as the Dept. of Labor identifying geospatial technologies of one of three areas of hottest U.S. job growth (see *Nature* January 22, 2004) or the *Rediscovering Geography* volume (National Academy of Sciences Press, 1997), which can be passed along to your dean with a note highlighting some key points relevant to your local situation. Meet with your dean to discuss the relevance and centrality of geography to your institution and community. Be ready to talk about some particularly high-impact geographic research (whether locally or in broader arenas)

or the successes of your graduates. Talk about the kinds of graduates you are producing and the impacts they are making, talk about our role in key issues of your place and time, such as economic development, sustainable cities, public policy, and so on. Spread the good news about the passion and excitement you have for geography and the concrete impacts of this discipline on students and the broader community.

Departmental culture and attitude are fundamental. Take the position with your colleagues that "...your success is our success" because healthy departments are indeed comprised of successful people in all arenas of our work. Build collegiality for its own sake, but also because it is crucial to our success. Deans and supporters of your program will respond to a constructive, can-do attitude. Stand for something, not against something and think about how you can create a culture of possibilities looking forward. Be thoughtful and proactive about nominating your faculty, staff, and students for visible awards on campus and beyond, and

Continued on page 4



Lawson

Register Now for GIScience 2004

Registration is now available online for GIScience 2004, co-sponsored by the AAG, NCGIA, UCGIS, and AGILE. It is a continuation of the 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 cognitive science, computer science, engineering, geography, 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 Mathématique, 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/National Weather Service.

The conference will be held October 20-23, 2004, at the Inn and Conference Center, University of Maryland, close to Washington, DC. For more information or to register for the conference, visit www.giscience.org or www.aag.org/giscience2004/. ■

Meridian from page 2

representatives on issues such as funding for national geography education programs or for geographic research at NSF, USGS, and other federal agencies, as well as letter writing campaigns and other grassroots support activity at the federal, state, or local level on key geography issues.



Janice Monk to help lead AAG Senior Associates program.

While still in the formative stages, plans call for the Senior Associates initiative to be coordinated by a core leadership group that works closely with AAG headquarters staff to recruit Senior Associates, identify appropriate projects and tasks, and seek sources of funding to

cover AAG program administrative costs as well as honoraria and travel expenses for Associates. The initiative will seek to offer opportunities for meaningful engagement in AAG projects and programs by a roster of Senior Associate volunteers, and to provide honoraria, special recognition, and expenses support to participants in the program.

I am excited about this new program, and believe it will address genuine needs of both the AAG and senior geographers. I have asked Janice Monk and AAG Deputy Director Patricia Solís to work

with me to help coordinate the new AAG Senior Associates initiative as we get it up and running. If you would like more information on the program, have suggestions to share, or have an interest in participating in the program, please feel free to contact Jan at jmonk@email.arizona.edu, Patricia at psolis@aag.org, or me. Progress updates on activities of the new AAG Senior Associates program will be made available on the AAG Web site (www.aag.org/seniorassociates) and in the newsletter in the months ahead. ■

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Healthy from page 3

promote and also genuinely celebrate the good work of your colleagues. Civil war is uniformly cited by deans as a reason for not investing in, and ultimately cutting a department.

Be strategic. Have a vision, a plan of action and be ready to put it out there. Engage in 'enlightened opportunism' or in other words, be able to see the ways in which your own goals can align with and support larger goals of the college and university. Departments that recognize opportunities, understand how they

complement larger goals (whether in assessment, curriculum reform, or enhancing enrollments) and seize them, are strong within their institutions. For example, geographers at the University of Oregon developed the *Atlas of Oregon* which has become a signature project, used widely by administrators to promote the university. Many departments have become central players on their campuses in geospatial technologies and others have highlighted their contributions to global studies.

Finally, the work of creating healthy departments should not be left solely in the hands of department chairs; we all must contribute through our service, teaching and research and the ways in which we communicate to our audiences. I believe that it is also work that the AAG can contribute to in important ways and I invite you to join me in this effort. ■

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Grosvenor Receives Presidential Medal of Freedom

Gilbert M. Grosvenor, chairman of the National Geographic Society (NGS), was awarded the Presidential Medal of Freedom in a White House ceremony on June 23, 2004. The medal is the nation's highest civilian award, and recognizes achievement in public service in science and education, entertainment, the arts, athletics, business, and other fields.

In presenting the award to Grosvenor, President Bush said, "On a January night in 1888, a group of men, meeting not far from the White House, founded the National Geographic Society. In the years since, the society has flourished, thanks, in large part, to a family named Grosvenor. Gilbert Melville Grosvenor is the fifth generation of his family to hold the title, President of the Society. As chairman of the society's board of trustees, and earlier as president,

he has maintained the excellent standards and reputation that we rightly associate with the National Geographic.

Gil has also furthered the society's mission of protecting land and wildlife, teaching young people about geography and instilling in readers a respect for other cultures and nations of the world. We honor him today for his good stewardship of a great American institution."

Grosvenor was one of eleven recipients of the medal during the East Room ceremony. Other honorees included Doris Day, Vartan Gregorian, Estee Lauder, Rita Moreno, and Arnold Palmer. Grosvenor's formal citation accompanying the award read: "Through his half century of work at the National Geographic Society, Gilbert Melville Grosvenor has helped make the world's history, culture, and societies more accessible

for all. As an accomplished journalist and the fifth generation of his family to serve as President of the Society, he has sustained a proud legacy of integrity and excellence. The United States honors Gilbert

Melville Grosvenor for his lifetime of promoting exploration, research, and geography education."

Grosvenor plans to permanently display the medal at National Geographic headquarters in downtown Washington, DC. ■



Presidential Medal of Freedom recipient Gil Grosvenor at the AAG's Centennial Meeting in Philadelphia where he delivered a plenary presentation.

AAG Co-sponsors Race/Ethnicity and Place Conference

The AAG, along with Howard University and Binghamton University, will sponsor a conference on Race/Ethnicity and Place to be held on the Howard University campus in Washington, DC, from September 16-18, 2004. The conference will cover current research on the intersections of race/ethnicity and place in an interdisciplinary setting. Research presentations and posters will explore topics ranging from changing cultural landscapes, immigration patterns, diversity in employment, and disparities in health and housing, to race/ethnicity and place in geography's educational curricula. Perspectives from multiple disciplines will be featured with the participation of academic scholars, researchers, professionals, students and others involved in race/ethnicity studies.

Featured plenary speakers from the geography community include Rickie Sanders (Temple University), John Frazier (Binghamton University), Sam Areetey-Attoh (University of Toledo), Vicky Lawson (University of Washington), Darryl Cohen (U.S. Census Bureau), Todd Rogers (ESRI), and Orlando Taylor and Rodney Green of Howard University. A luncheon keynote will be delivered by Rennard Strickland, a legal historian of Native American heritage from the University of Oregon and a pioneer in introducing Indian law into university curriculum. In addition to plenaries, presentations, and posters, the conference agenda includes a workshop on diversity mapping using census data and geographic tools, and several field guides to ethnic neighborhoods and attractions in

Washington, DC, including the LeDroit neighborhood, the U Street jazz district, and the new DC City Museum.

One of the many presentations to take place at the conference will highlight a new map of the nation's most spoken languages released by the Modern Languages Association (MLA). The map, which allows users to quickly find out the most commonly spoken languages in any area of the U.S., zoom in on a feature, and compare maps side-by-side, will be presented by David Goldberg, Acting Director of the MLA Foreign Language Programs and Association for Departments of Foreign Languages. To view the map, go to www.mla.org.

To register for the Race/Ethnicity and Place Conference or to view the preliminary program visit www.aag.org/meetings/place.html. ■

Bob Kerrey on “Mapping the News”

The keynote speech below was presented by former Senator Bob Kerrey at the Mapping the News Conference, co-sponsored by the AAG and held at the National Press Club in Washington, DC, on May 14, 2004. Bob Kerrey's speech was very well received by attendees of the conference, which brought together geographers with a large number of journalists and national media representatives. Several AAG members have requested that we print the speech.

Former Senator Kerrey is currently president of the New School University in New York, and a member of the 9/11 Commission, which just submitted its report to the U.S. Congress.

-DBR

Maps are coming back into our lives. They are being used to explain elections, crime, medicine, demographic changes, environmental threats and much more. In combination with good and diverse storytelling that excites our imaginations, networked communities, advanced social research and scientific discovery, maps are giving us views of the world which enable us to acquire new understandings of ourselves and the world we jointly occupy with other living things.

As I watch the increasing use of maps to help us see complex sets of data in ways that enable us to recognize important structures, connections and patterns we had previously missed, and as I ponder the meaning of so many of you showing up to consider the possibility of using maps to make sense of the news, a song from the 1960's keeps echoing in my head. It was an anti-war lament by Buffalo Springfield and it began: "Something's happening here. What it is ain't exactly clear."

Honestly, I could probably end my speech right here. It may be enough to predict that very soon we will be offered the chance to use maps to orient ourselves when we consume any of the visual media available to us. A full disclosure is needed to appreciate this prediction. I am an optimist and optimism causes me to believe that enough of the five or so billion people on this planet with at least limited access to an open media will choose not

to use their freedom to amuse themselves to death, as Neil Postman observed about television and American politics.

The title of this conference—"Mapping the News"—is itself a predictor of this future. The topic calls to mind an old Hindi word—pundit—the meaning of which was gradually forgotten as its use was transformed by English speaking people. Today, most of us in this room associate a pundit with a member of the press who is either capable or merely willing to share their opinions with us. Forty years ago the word had a more narrow use, referring only to those we presumed were learned, those whose opinions were informed by facts.

More important for this conference is the word's Hindi roots. Within the very enjoyable and important story told by Peter Hopkirk, called "Trespassers on the Roof of the World: The Race for Lhasa," there is a smaller story about a 19th century clandestine mapping service organized by the British Raj whose members became known as the Pundits. Secrecy was imposed not because of the sensitive nature of their knowledge but because of their activities, which entailed traveling into and mapping the largely mountainous territories of Tibet. Not only were their sources carefully guarded but so too were their methods. They learned to measure their pace with great precision and to record their observations while using Buddhist prayer wheels, rosaries and hidden compartments that held telescopes and writing materials. On those occasions when they were discovered by the tribal authorities who controlled the land they were sent to map, they were almost always killed in some gruesome manner.

So, you see how brilliant you were to select the title of this conference. The promise of today's mapping techniques is to marry the old Hindi understanding of the word pundit to our common use of the word. The promise is that knowledge will



Kerrey

open new avenues of collaborative, global and reasoned exploration and discovery.

There certainly is ample evidence that geography and mapping are being used more and more by decision makers in all walks of life.

A few of these pieces of evidence were noted by Douglas Richardson and Patricia Solís in an essay entitled "Confronted by Insurmountable Opportunities: Geography in Society at the AAG's Centennial." The first is that in Academics geography is no longer an orphan looking for a private-sector guardian. Say whatever you want about markets, they are not capable of lying when it comes to pricing true economic value. Economic value cannot be spun. The arrival of private sector partners is the absolute best evidence that geography and mapping are on their way back into our lives.

The second observation is that 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: Where am I? How do I get from where I am to where I want to go? And how do I find it?

According to Richardson and Solís—and I agree with them—"the dynamics of globalization have strong spatial implications and geographic dimensions." The most challenging aspect of this fact is this truth: many of our prior understandings of the world are going to change. The challenge will be getting us old dogs to believe what our eyes are telling us, rather than retreating into our comfortable old beliefs.

Let me illustrate the daunting and even threatening nature of this challenge. Recently I read a newspaper account of scientists who used the mitochondrial matter of the human cell to trace the his-

tory of human beings back a million years or more to the original Adam and Eve. In addition to the problem of a timing discrepancy, they didn't find one man and one woman. They found—if memory serves me well—three or four men and five or six women.

The written account was accompanied by a map which presented the findings and showed the eventual migration of our ancestors out of Africa into the Middle East, Asia, Europe and beyond. As interesting as this written and mapping account was, I wondered if I – and others more committed to the literal interpretation of the Book of Genesis – would be receptive to this new understanding or would instead react against it.

These are not simple or trivial matters.

Individuals and companies who deliver our news understand this very well. News content is constantly being checked by the values and political views of our communities. I make this point because we humans are always struggling to decide whether we want just the news that makes us feel comfortable or whether we are willing to tolerate the consequences of hearing the news that does not. In other words, the question "Where am I?" does not just have a geographical answer. It has an answer that orients us according to our values, imagination and courage.

I believe geography and mapping are, and need to become, a more integral part of the news we use to inform ourselves and to make public decisions.

The news is about time; maps are about space. Today, to make sense of the world we need more and better stories, and to make sense of these stories we need better ways to "place" them. The new techniques of mapping let us link space, time and our own experiences in a much better way.

The old mapping techniques tended to reduce information in order to clarify spatial issues. The new mapping techniques allow us to add, collate, combine and deepen information to make place "deeper," not "shallower."

In earlier decades, news stories often failed because even good stories lacked context. Today, we try to do better with context but it doesn't always work. The

new mapping techniques allow contexts to become stories in themselves.

Finally, when we don't know where "others" live due to our ignorance of geography, we gradually lose a sense of where we live and who we are. This leads to cynicism and false humanitarianism instead of genuine global solidarity. The new techniques of mapping will deepen our sense of both the "here" and the "there," thus making global politics and trade grounded in more subtle knowledge of our human networks, deep connections and shared problems.

In short, mapping the news is a powerful idea whose time has come.

This is not a prediction. It is a current reality. First, news organizations themselves are using GPS and GIS to coordinate the production and delivery of their stories. They have been early adopters of Geographic Management Systems and the best are enhancing their capabilities with wireless, remote sensing & imaging, work order processing, software agents and more. As with the intellectual discipline of geography, these new systems allow for a much more exciting, active and empowering life out in the field gathering stories and delivering them rapidly back to the central office or in some cases directly out over the web.

Since today's discussion takes place in Washington, let me offer six proposals our Federal government could employ to accelerate, strengthen and shape this dynamic, creative process:

1. Support government-wide initiatives by funding OMB's efforts to adopt GMS techniques and mapping;
2. Develop interactive and mobile mapping tools that can be used by our elected and appointed representatives;
3. Ask the National Geospatial Agency to come up with a plan and a funding proposal that would stimulate the development of the kinds of public-private partnerships that have proved so successful in the past;
4. Stop thinking about rebuilding our intelligence systems. Rebuilding implies that we need more of the same. The problem is that we need

less of the old and more of the new. We need fewer physical, static and inflexible stations and more virtual, mobile and flexible stations;

5. Face up to the meaning of this obvious truth: we are making more and more of our national security decisions based upon open, unclassified investigative news sources and fewer and fewer on highly classified clandestine sources;
6. Face up to one more truth: Place matters. That is, it matters where you are when you are trying to answer questions about what to do. Knowing that very few of our key decision makers have had the opportunity to travel outside the United States, and knowing how our modern systems of travel have reduced our knowledge of fundamental and crucial geographical facts adds to the imperative of developing new tools that map the news.

Six recommendations are enough. I trust I have made my point. What I need to tell you at the end of this talk is that I feel a very powerful urgency to bring geographical mapping tools into the lives of our national decision makers. Here in Washington, DC, the men and women who work for and serve us get up early every day and read, watch and listen to the news to find out what's going on in the world. They don't have the luxury of open schedules with lots of free time. They need help in making news more understandable and I believe strongly there simply is no better way to enable them to orient the stories they are getting to the geography of the place where the story is happening.

We may not be very well liked in the world at the moment but no one doubts how powerful we are. With well reasoned and intended decisions we can use that power to do a lot of good. Mapping the news could make the difference between a happy ending and a tragic one.

Finally, we are not in this alone. It is not just about making democracy and democratic institutions work better in our country. It is about making them work

Continued on page 8

Mapping the News from page 7

on our planet. Forty years ago when I graduated from high school 75% of the people on this planet lived in closed or undemocratic societies with little contact with the outside world. Today, it's just the opposite and heading to 100%.

Last month at the New School Nobel Laureate Dr. Amartya Sen delivered the Bernard and Irene Schwarz lecture entitled "The Content of Democracy." Central to his argument was this statement: "The most important political change in the 20th century is the rise of the idea that democracy is the normal form of government." Even if skepticism, arrogance and fatigue conspire to defeat our efforts in Iraq, I do not believe we can or will return to the days when we doubted that democracy could survive in the non-Western world.

From my experience there are two things necessary for democracy to survive. One was emphasized by Dr. Sen and that is the need for reasoned, public deliberation. Without it our votes will be cast in ignorance and our faith in divine providence will be insufficient to produce an enlightened result. The second I heard recently

from a group of human rights leaders from Colombia. They said that democracy will not take hold unless and until a majority of the people believe there is a connection between their political actions and the delivery of public services.

Coupled with a growing number of networked individuals around the world, a new kind of political action is beginning to emerge that I hope will be a positive force to make globalism work for local communities. By communicating directly with one another political activists are forming groups across national boundaries. In a very real and exciting way global democracy is already taking place without the creation of a global state. The central question—and one which could be embraced by economic conservatives and liberals alike—is how to enlarge and enrich global public reasoning without having to create and sustain a global government.

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, ground it in religious and non-religious values, 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 expand the size and stability of the world's middle class, how to harness the power of markets 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. Thank you. ■

Bob Kerrey, President
New School University

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Road from page 1

least nineteen emigrant guidebooks were published between 1858 and 1859, each of which advised prospective settlers on the best routes to Denver and the gold fields.

Westward-bound travelers could choose one of several major routes to Denver, all originating on the Missouri River between St. Joseph and Kansas City. The safest route was the South Platte Trail, which followed the old Oregon Trail westward along the Platte River and thence ran southward to Denver following the South Platte River. Another route to the gold fields was to follow the Oregon Trail to Fort Laramie and then descend southward along the Cherokee Trail east of the mountains toward Denver.

Denver's relatively brief history began with this episode of gold fever. In 1858, there was not a single person living in the Denver metro area, save for some

migrating camps of Arapaho and Cheyenne. Following the 1859 rush, people began to pour into the city. In its first few years, the city survived a flood, two major fires, and several Indian attacks, and even raised an army that defeated an invading force of Confederates from Texas during the Civil War. Saloons, gambling halls, and wagon trains lined the mud-filled streets, and every outlaw, lawman, and desperado in the West made a visit to the Mile High City. By 1889, Colorado had become a state with a population of almost 200,000.

Historically, the economy of Colorado is based on mining. After the gold rush, production of silver, uranium, coal, molybdenum, and petroleum all contributed to the state's boom and bust economy. Much of the state's modern economy now centers on high technology and the service industry.

We invite you now to add your story to the history of the American West by attending the 2005 AAG Annual Meeting in Denver. The meeting features panels of distinguished researchers, over 2,000 papers and presentations, and numerous special events such as an international reception, the geography exposition, and a western "Fandango" complete with live music and good food. Ski packages for attendees and field trips to the Grand Canyon, Native American reservations, and other sites of interest to geographers will also be available. To submit an abstract or just learn more about the conference, please visit www.aag.org/annualmeetings. ■

John Wyckoff
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The AAG Washington Monitor

The last two months have been busy ones in Washington and AAG staff have been monitoring key issues, attending Congressional hearings, and working in coalitions to advance geography. Below is an update on a few of the federal issues important to geography.

No Child Left Behind

The gigantic Labor, Health and Human Service, Education spending bill, which was just at the House Committee level, is a recent point of contention. The bill would fund elementary and secondary programs that are part of the No Child Left Behind Act (NCLB). Democrats argue that these programs are being woefully under-funded while Republicans counter that the spending levels are adequate and that some states even have unspent funds remaining.

The NCLB law itself continues to come under attack from the states and local school districts. AAG member Jim Marran has pointed to a recent Harvard civil rights study that found that: (1) the act has no common meaning among the states; (2) the sanctions for underperforming schools fall especially hard on schools where minority students predominate (the very students the act was designed to help the most); and (3) an increasing number of states argue that they are using their own dollars to implement the provisions of NCLB because federal money has not been appropriated.

It is likely that debate on the law's structure and approach will continue in earnest until reauthorization, which may be in 2006. The AAG will be working with our friends in GENIP to ensure that the reauthorized law includes funding for geography education.

Scientific Freedom

Two issues revolving around government policy and concerns about scientific freedom have been brewing in recent months. First, the Department of the Treasury's Office of Foreign Assets Control (OFAC) issued a statement in April that appears to prohibit the publishing of collaborative

work involving scholars from countries subject to U.S. trade embargoes, including Iran, Cuba, North Korea, and Sudan. OFAC has asserted that collaborative work would include editing and peer review. Despite earlier indications that the office seemed to be backing down from this stance, recent rulings that have been released suggest this may not be the case. Several organizations are contemplating legal action in an effort to reverse OFAC's position.

The other issue deals with presidential appointments to federal scientific advisory panels. There are approximately 200 advisory committees serving a wide range of federal agencies that deal with scientific issues. The Bush Administration has been under criticism for some time for making appointments to these committees based on ideology rather than scientific credentials. Last summer, the Democratic staff of the House Government Reform Committee, under the leadership of Rep. Henry Waxman (D-CA), issued a report charging that "The administration has repeatedly manipulated the advisory committee process to advance its political and ideological agenda." The report goes on to assert that this extends to appointments of unqualified individuals with industry ties and conservative viewpoints. Rep. Vern Ehlers (R-MI), a Ph.D. physicist, has defended the administration, saying that "it is important that (scientific appointees) be in tune with the philosophy of the appointing president." The National Academies is currently working on a report on this issue and heard testimony from Waxman and Ehlers on July 21.

Higher Education Act

As mentioned in the July/August AAG *Washington Monitor*, there was a strong possibility that Congress wouldn't complete reauthorization of the Higher Education Act (HEA) this year. This has come to pass, as the Chairman of the House Education and the Workforce Subcommittee on 21st Century Competitiveness has decided not to bring the legislation up for a vote during the remainder of this session. As a result,

the HEA will expire this fall. Congress will still be able to appropriate funding to HEA programs at current levels of support, but no new initiatives can be put into place without stand-alone enacting legislation until a reauthorization can be carried through to completion.

Appropriations Update

Yet again, Congress is mired in uncertainty. Each year, the two chambers are required to pass thirteen separate bills, each of them funding a portion of the federal government, including the many agencies that support geography. In recent years however, this process has run past its October 1 deadline (the beginning of the federal fiscal calendar) and several of the individual bills have been lumped together in omnibus spending legislation. It appears that things will play out no differently this year.

The House, which is run by majority rule and a forceful Republican leadership, has already passed ten of the thirteen spending bills and has done significant work on the other three bills. The Senate, however, with rules protecting minority rights and owing to the failure to pass a budget resolution (see my July/August column for additional background), has been able to pass only the Defense bill, but three other bills including Homeland Security have moved through the committee level.

The big question is how the inevitable omnibus appropriations bill will be moved through the two houses of Congress. There's a real possibility that the Republican leadership will opt to postpone action until after the November elections. This would save GOP members from having to vote on unpopular spending cuts until after they've faced the voters. If this happens, however, and the Democrats take back the White House or the Senate (winning the House is highly unlikely), Minority Leaders Sen. Tom Daschle (D-SD) and Rep. Nancy Pelosi (D-CA) could seek further delay on the spending package until after the new government is seated in January.

Continued on page 11

Washington Monitor from page 9

NSF Funding Concern

The House Appropriations Committee has proposed funding of only \$5.47 billion for the National Science Foundation (NSF). This is two percent below the Foundation's current (FY 2004) funding level and five percent less than the President's FY 2005 budget request. Such a cut would impact Geography research funding, both within the Behavioral and Cognitive Sciences Division and across all of the Directorates. Unfortunately, the Committee's action comes less than two years after the passage of the current NSF authorization law, which sanctioned the doubling of the Foundation's budget over a five-year period.

The AAG recently signed on to a statement sent to all Representatives describing the benefits of investment in the Foundation's activities and outlining the dangers of cutting scientific funding. If members wish to contact their Representative urging them to restore funding to requested levels, the full statement and more information about this issue can be accessed on the AAG's website at <http://www.aag.org>.

Geographic Workforce

Early this year, the U.S. Department of Labor designated geotechnology, along with nanotechnology and biotechnology, as the three most important emerging and evolving fields. (See www.aag.org/mappingopportunities for more information.) This piggybacks on a report by the National Science Board warning about "a troubling decline in the number of U.S. citizens who are training to become scientists and engineers as the number of jobs requiring science and engineering training continues to grow." This trend has not escaped the attention of Congress, as numerous members, including House Science Committee Chairman Sherwood Boehlert (R-NY), have called for greater investment in federal science accounts to boost science and technology workforce development. ■

John Wertman
jwertman@aag.org

GTU Editor Sought

Gamma Theta Upsilon, the International Geographical Honor Society, is conducting a search for an Editor for *The Geographical Bulletin*. *The Geographical Bulletin* is a peer reviewed journal, published twice a year, with a distribution of nearly 4,000. Its primary mission is to provide an outlet for student articles. All individuals interested in applying for the editor position should submit (1) a vitae, (2) a letter of interest that highlights performance and activities

pertinent to being the editor, (3) three references that can attest to editorial performance, and (4) a letter from their academic institution indicating level of support the institution is willing to provide the editorship. Applications should be submitted to Lawrence R. Handley, Search Committee Chair, *The Geographical Bulletin*, U.S. Geological Survey, National Wetlands Research Center, 700 Cajundome Blvd., Lafayette, LA 70506. ■

Symposium on the Changing Meaning of Borders and Territoriality

Jeffrey Herbst, recipient of the 2004-05 Guggenheim Fellowship in Geography and Environmental Studies and author of *States and Power in Africa: Comparative Lessons in Authority and Control* (Princeton University Press, 2000) will be the featured speaker at a symposium entitled "Changing Meaning of Borders and Territoriality in the World Today" to be held at Temple University on September 29, 2004. Herbst will be joined by Colin Flint (Penn State University), Alec Murphy (University of Oregon), Al Hassan Conteh (University of Pennsylvania/Temple University), and Marilyn Silberfein (Temple University).

Flint has published widely in the area of war and peace; his most recent work includes *Geographies of War and Peace* (Oxford University Press, forthcoming) and *Spaces of Hate and Intolerance in the USA* (Routledge, 2004). He will speak on "The Geography of War: The War on Terrorism as a Just War." Murphy, AAG Past President and holder of the Rippey Chair in Liberal Arts and Sciences at the University of Oregon,

will speak on "Territorial Ideology and Interstate Conflict: Comparative Considerations." Al Hassan Conteh is currently a Research Fellow of the Solomon Asch Center for the Study of Ethnopolitical Conflict at the University of Pennsylvania. His publications include "Comprehending and Mastering African Conflicts: The Search for Sustainable Peace and Good Governance" in *Countries in Conflict* (Adedeji, [ed.], Zed Books, 1999). Conteh was recently a consultant to the United Nations in its effort to bring about a sustainable peace to Liberia. He and Marilyn Silberfein will present their work on issues pertaining to the Liberia-Sierra Leone border region in a decade of conflict.

Colin Flint, Alec Murphy, and Marilyn Silberfein all also contributed to the recent AAG/NSF workshop and related publication on *The Geographical Dimensions of Terrorism* (Routledge, 2003).

For further information on the symposium, please contact Marilyn Silberfein at pawling@temple.edu or the Department of Geography/Urban Studies, Temple University. ■

AAG Annual Meeting Call for Papers

Submit Abstracts Online at www.aag.org/annualmeeting by October 21

The 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. If you have any questions about these guidelines please direct them to Oscar Larson at meeting@aag.org. *Abstracts may be submitted online at www.aag.org/annualmeeting until October 21, 2004.*

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: October 7, 2004)

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 dis-

tant 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 non-geographers 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 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 ■

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

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Imperialism and Mapping: Lectures in the History of Cartography

Scholars in all fields, educators, and the general public are cordially invited to attend the Fifteenth Kenneth Nebenzahl, Jr., Lectures in the History of Cartography. This year's series, "The Imperial Map: Cartography and the Mastery of Empire," will feature lectures by Matthew Edney (University of Southern Maine), Valerie Kivelson (University of Michigan), Laura Hostetler (University of Illinois at Chicago), Neil Safier (University of Michigan), D. Graham Burnett (Princeton University), and Michael Heffernan (University of Nottingham). The series at Chicago's Newberry Library will run from October 7-9, 2004.

The Kenneth Nebenzahl, Jr., Lectures in the History of Cartography are organized every two to three years by the Newberry Library's Hermon Dunlap Smith Center for the History of Cartography with the support of Ken and Jossy Nebenzahl. The lectures address emerging themes of broad interest within the history of cartography and beyond and are usually published by the University of Chicago Press. The historical relationship between mapping and imperialism is an especially rich and complex theme that will benefit from the kind of discussion and synthesis a Nebenzahl Lecture series is certain to inspire. The expansion of modern European states into global empires and the more geographically limited expansion of early modern China, have ramifications for almost every aspect of the history of modern cartography.

The Nebenzahl Lectures are free, but reservations are required. Make your reservation through the Hermon Dunlap Smith Center for the History of Cartography, 60 W. Walton Street, Chicago, IL 60610 USA; email smithctr@newberry.org; phone 312-255-3659; or fax 312-255-3502. ■

Correction:

The correct dates for the Race/Ethnicity and Place Conference are September 16-18, 2004.

AAG Annual Meeting Call for Papers—See Page 12



Margai

Florence Margai is associate professor and co-chair of the Department of Geography at Binghamton University. With a Ph.D. in geography from Kent State University, Florence focuses on environmental justice and equity, spatial analysis methods, environmental pollution, and health hazards. In numerous journal articles and book chapters, she elaborates on her work, for example, with household hazardous waste, and environmental inequities such as childhood lead poisoning and learning disabilities. She co-edited *Multicultural Geographies: The Changing Racial/Ethnic Patterns of the United States* (Global Academic Publishing, 2003) and *Race and Place: Equity Issues in Urban America* (Westview Press, 2003). AAG member since 1987, Florence currently serves as the chair of the Africa Specialty Group.

AAG: What inspired you to work with children and health issues?

Florence: I've always been interested in studying health effects of toxic chemicals, but I guess having children of my own inspired me to look at how the topic relates to children. When I first moved to New York State and had my first child, a new law had been passed that all kids had to be tested for lead. I started to read about it, and then tried to apply geography skills to that question.

AAG: What skills have you applied?

Florence: A range of skills including spatial statistical methods and GIS. Especially in urban areas there are differences in exposure to environmental contamination by race and class. I've explored spatial equity issues, and all of those with an emphasis on children. Children are so much more vulnerable because their rate of uptake is faster than adults, their organs are not as well developed to cope with these contaminants, and they tend to have more long-term effects from exposure, such as learning disabilities.

AAG: How do you go about doing this research?

Florence: Research that I do always starts out with a conceptual basis but I believe in going out into the field and collecting data on multiple pathways of environmental exposure. In recent years we've had tremendous data coming from the U.S. Census, EPA, CDC, and HUD. So being able to pull those in to build a comprehensive database from various angles and then map them is of major value. This is the strength of visualization—to actually show where this is happening. Especially in doing studies of hazards impacts and environmental justice, one also has to be able to validate these statistically, you have to be able to show that it is actually happening.

AAG: How does statistical validation make a difference?

Florence: Statistical validation provides some degree of certainty in the spatial characterization of health outcomes and race/class disparities that exist in urban environments. This helps in taking it the next step further, I think, to the policy aspect. To encourage policymakers and decision-makers to use some of these results in planning for the future.

AAG: Have you been able to accomplish this with your work?

Florence: Yes, with the lead poisoning study I was able to. I am a member of the [Broome County, New York] Environmental Management Council that monitors community environmental health issues. I was able to present some of my research there so officials could be informed about what was going on, what are the changes. They are going out to seek more funding to target these issues.

AAG: What are you currently working on?

Florence: I've been doing some work in Africa, also related to children's issues, looking at marginal environments and how they lead to long term rates of malnutrition, especially stunting. I'm looking not only at climatological factors, political factors, but also factors within

the household, like mother's health, attributes of the child, and their impact on the health of children differently.

AAG: What research would you like to take on next?

Florence: I'd like to do more children's health research in the U.S., because we tend to focus on food-poor nations, but here we also have issues that differ both by race and class. Here the outcomes are a little different—children who are food insecure in this country may be eating the wrong foods, so I'd like to explore that, and address some of the disparities that exist here in the U.S.

AAG: How do you make connections between research and teaching?

Florence: I've been lucky to have had some great students to work with. In some of the courses I've developed such as "Environmental Health Disparities by Race and Class," I had students from pre-med and nursing. It was very rewarding having that mix of different perspectives. That allowed me to bring in some of my research and grow from that experience, and move to the next step.

AAG: What are some of the next steps for geography?

Florence: I think there is more excitement in geography today. Over the last two years, we've seen tremendous changes within geography. I think there is more life and spirit, partly because of the new direction that the AAG is taking, but also our ability to integrate the theoretical aspect with the tools and use those towards addressing real life issues.

AAG: What is it about belonging to the AAG that appeals to you most?

Florence: The AAG conference where you meet people, attend sessions, get new ideas... I just feel a part of the AAG community and have folks that I've known for years to meet again and those I've followed their work over the years--or that I went to school with. Every time I go to the conference I feel rejuvenated and ready to take on the next academic challenge. ■

Cole Harris was appointed an Officer of the Order of Canada, one of the highest honors possible in Canada. The citation from the Governor General is as follows.

"One of Canada's eminent historical geographers, Cole Harris has been uncovering history's imprint for many years. Professor Emeritus at the University of British Columbia, he has written seminal works on the early European settlement in Canada, on the geographies of colonialism in early British Columbia and on the relations between European immigrants and First Nations. In addition to his teaching and researching, he served as editor of the first volume of the widely acclaimed *Historical Atlas of Canada*. Contributing to our understanding of the evolution and special character of our nation, he has illuminated the past so that we can better understand how to move toward the future."

AAG members **Cary de Wit** (University of Alaska, Fairbanks), **Steven Schnell** (Kutztown University of Pennsylvania), **James R. Shortridge** (University of Kansas), and **Marcus Gillespie** (Sam Houston State University) were quoted in the recent *Chicago Tribune* article "Hick or hip? Confused coastals give Midwest a bad rap." The June 13, 2004, article discusses misconceptions about the Midwest's regional identity.

Maureen Hickey (University of Washington) received a 2004 International Dissertation Field Research Fellowship (IDRF) in the discipline of geography for her study "Driving Globalization: Bangkok Taxi Drivers and the Restructuring of Work and Masculinity in Thailand."

Henri D. Grissino-Mayer, University of Tennessee, was recently featured in the documentary "Lincoln: Man or Myth" which aired on the History Channel beginning June, 2004. Grissino-Mayer analyzed the tree rings from logs of what was thought to be Abraham Lincoln's birthplace log cabin and determined that the structure, housed inside an impressive granite and marble memorial in

Hodgenville, Kentucky, likely has nothing to do with Lincoln. The documentary also features graduate students in the Department of Geography at the University of Tennessee, and the university's Laboratory of Tree-Ring Science.

David Harvey (CUNY Graduate Center in New York) received an honorary Doctor of Science degree at Ohio State University's spring commencement, June 13, 2004. A plaque honoring the occasion that was read during the ceremony, is as follows:

"By seeking solutions to the fundamental questions of space and location, David Harvey has reshaped the intellectual field of geography, especially as it relates to social and cultural studies. His interdisciplinary scholarship and his vision of social responsibility have led to productive and provocative insights among historians, anthropologists, philosophers, and economists on the critical issues affecting today's urban landscapes and the populations that inhabit them."

William Peterman, who retired from active teaching at Chicago State University in January 2004, has been appointed a Benjamin Meaker Visiting Professor

in the Institute for Advanced Studies at the University of Bristol (UK) for the 2004-05 academic year. In this position Peterman will help engage faculty and administrators with the public and policy makers.

The July 3, 2004, issue of *Science News* contained an article entitled, "Dead Heat" by Sid Perkins. Mr. Perkins attended the "Heat Waves" session at the 2004 AAG Annual Meeting. The article mentions the work of Kansas State University Geography graduate student **Erik Bowles** and as well as geographers **Mike Palecki** (Illinois State Water Survey) and **Karen Smoley-Tomic** (University of Alberta).

In recognition of his extensive publication record and his impressive teaching, **Craig E. Colten** assumes the Carl O. Sauer Distinguished Professorship at Louisiana State University in September 2004.

Anthony J. Lewis was named the Fred B. Kniffen Professor of Geography at Louisiana State University (LSU) in fall 2003. Lewis earned this distinction after many years of service to the Department of Geography at LSU, the state, and to geographic education. ■



Harvey

Middle East Study Abroad Program Offered

Undergraduate students at U.S. colleges and universities are invited to apply for a 2005 spring semester study-abroad program in Alanya, Turkey hosted by the McGhee Center of Georgetown University. The program offers the opportunity to study the cultural and historical geography of the Middle East and the Mediterranean under the guidance of geographer Kathryn A. Ebel who will

be 2005 Visiting Director of the McGhee Center for Eastern Mediterranean Studies. The application deadline for the spring 2005 program is October 7, 2004. To learn more visit www.georgetown.edu/programs/oip/os/sites/mideast/McGhee/ or contact Maia Stieankova, the program's administrator at Georgetown University at ms546@georgetown.edu, or 202-687-5867. ■

New Appointments

Appalachian State University, GIS Lab Supervisor/Adjunct Instructor, Scott A. Davis. M.S., 2002, Shippensburg University.

Clark University, Assistant Professor, Deborah G. Martin. Ph.D., 1999, University of Minnesota.

Clark University, Assistant Professor, Jude Fernando. Ph.D., 1998, University of Pennsylvania.

Florida State University, Assistant Professor, Mark Horner. Ph.D., 2002, Ohio State University.

Hobart & William Smith Colleges, Assistant Professor, Anne Wibiralke. Ph.D., 2002, University of Pennsylvania.

Hunter College-CUNY, Associate Professor, Jochen Albrecht. Ph.D., 1995, University of Vechta, Germany.

Hunter College-CUNY, Professor and Director of Center for Geographic Learning, Philip Gersmehl. Ph.D., 1970, University of Georgia.

Hunter College-CUNY, Research Fellow and Associate Director of Center for Geographic Learning, Carol Gersmehl. M.A., 1970, University of Georgia.

Kansas State University, Visiting Assistant Professor, Heather Conley. Ph.D., 2003, University of Iowa.

Kutztown University of Pennsylvania, Instructor, Jonathan Herbert. Ph.D., expected 2004, Texas State University-San Marcos.

Minnesota State University, Assistant Professor, Changjoo Kim. Ph.D., 2004, Ohio State University.

Minnesota State University, Assistant Professor, Forrest D. Wilkerson. Ph.D., 2004, Texas State University.

Northwest Missouri State University, Assistant Professor, Yi-Hwa Wu. Ph.D., 2003, University of Utah.

Ohio University, Visiting Assistant Professor, Corene J. Matyas. Ph.D., expected 2004, Pennsylvania State University.

Queen's University, Assistant Professor, Lu Wang. Ph.D., 2004, York University.

St. Cloud State University, Assistant Professor, Hartwig Hochmair. Ph.D., 2002, University of Vienna.

Simon Fraser University, Assistant Professor, Nicholas Hedley. Ph.D. 2003, University of Washington.

Southern Connecticut State University, Assistant Professor, Eric S. West. Ph.D., 2004, San Diego State University/University of California, Santa Barbara.

Stephen F. Austin State University, Associate Dean of the College of Liberal Arts, James Lowry. Ph.D., 1996, University of Arizona.

SUNY- Syracuse College of Environmental Science and Forestry, Assistant Professor of Environmental Studies, Sharon Moran. Ph.D., 2000, Clark University.

Texas A&M University, Assistant Professor, Wendy E. Jepson. Ph.D., 2003, University of California, Los Angeles.

University of Arizona, Assistant Professor, Keiron Bailey. Ph.D., 2002, University of Kentucky.

University of Arizona, Assistant Professor, Sarah Elwood. Ph.D., 2000, University of Minnesota.

University of Arizona, Associate Professor, Paul Robbins. Ph.D., 1996, Clark University.

University of Arkansas, Assistant Professor, Jackson Cothren. Ph.D., 2004, Ohio State University.

University of Arkansas, Assistant Professor, Jason Pullis. Ph.D., 2003, University of South Carolina

University of Connecticut, Assistant Professor, Mary Fischer. Ph.D., 2003, University of Pennsylvania.

University of Idaho, Assistant Professor, Raymond J. Dezzani. Ph.D., 1996, University of California, Riverside.

University of Indianapolis, Assistant Professor, Maria Elisa Christie. Ph.D., 2003, University of Texas—Austin.

University of Melbourne (Australia), Lecturer, Simon Batterbury. Ph.D., 1997, Clark University.

University of Minnesota, Assistant Professor, Kurt F. Kipfmüller. Ph.D., 2003, University of Arizona.

University of Minnesota, Assistant Professor, Arun Saldanha. Ph.D., 2004, Open University.

University of Minnesota, Visiting Fulbright Professor of Geography, Walter Matznetter of University of Vienna. Ph.D., 1989, University of Vienna.

University of Minnesota, Visiting Scholar, Young-Woo Nam of Korea University. Ph.D., 1984, University of Tsukuba.

University of Missouri, Assistant Professor, Cuizhen Wang. Ph.D., 2004, Michigan State University.

University of North Alabama, Assistant Professor, Francis T. Koti. Ph.D., expected 2004, University of West Virginia.

University of North Carolina—Charlotte, Assistant Professor, Ron Kalafsky. Ph.D., 2002, SUNY at Buffalo.

University of North Texas, Assistant Professor, Pinliang Dong. Ph.D., 2003, University of New Brunswick.

University of Oxford (UK), Professor, Diana Liverman. Ph.D., 1983, University of California, Los Angeles.

University of West Florida, Assistant Professor, Christopher A. Houser. Ph.D., 2003, University of Toronto.

University of West Florida, Assistant Professor, Zhiyong Hu. Ph.D. expected 2004, University of Georgia.

University of Wisconsin-La Crosse, Professor, Harunur Rasid. Ph.D., 1975, University of Saskatchewan.

University of Wisconsin-Oshkosh, Assistant Professor, Stefan Becker. Ph.D., 1994, Justus-Liebig Universität, Germany. ■

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

Call for Papers

Watershed Symposium at 2005 Cordilleran-Section GSA

Submissions are invited for the Watershed Symposium at the 2005 Cordilleran-Section of the Geological Society of America, describing research in surficial processes that can improve restoration strategies and watershed management decisions, especially in conditions present in western North America. Submissions are sought from a diverse range of areas within the general framework of applied fluvial geomorphology, hydrology, and linked physical-ecological systems that coexist in fluvial systems. Examples of suitable topics include: restoration of physical processes, river design, vegetative controls on river form, geomorphic response to anthropogenic modifications (e.g. gravel augmentation, riffle construction, in-stream structures, erosion control), and geomorphic impacts of changes in sediment load and grain size.

The symposium will be held April 29 to May 1, 2005 in San Jose, California. Abstracts are due February 1, 2005. Interested persons may submit abstracts electronically at www.geosociety.org.

Questions may be directed to Doug Smith (Douglas_smith@csumb.edu) or to Joan Florsheim (Florsheim@geology.ucdavis.edu).

Spatial Webs

The U.S. National Center for Geographic Information and Analysis (NCGIA) will host a specialist meeting in Santa Barbara, CA, December 3-4, 2004, on the topic of geospatial interoperability, as part of a two-year research project being funded by the National Geospatial-Intelligence Agency at the three sites of NCGIA (the University of California, Santa Barbara; the State University of New York at Buffalo; and the University of Maine).

The meeting will focus on four sub-themes, each of which presents significant issues for interoperability: syntactic interoperability, and the adequacy of current metadata standards; semantic interoperability and technologies for overcoming differences of meaning; accuracy, and the ability of data sets of different accuracy to interoperate; and spatial support and technologies for re-sampling and interpolation. Further discussion of each of these themes can be found on the project Web site www.ncgia.ucsb.edu/.

Interested individuals are asked to send a two-page position paper on one or more of the meeting themes and a one-page bio-sketch to Michael Goodchild (good@geog.ucsb.edu) no later than October 15, 2004. All applicants will be

notified of their participation status by October 18, 2004, and position papers of accepted participants will be electronically distributed prior to the meeting. For additional questions about submissions and meeting details, please contact Matt Rice (rice@geog.ucsb.edu).

Essays on Environmental Studies

Insight Publishing is seeking experts in the field of environmental studies to contribute content to the book, *The Future of Environmental Studies*, part of a new series called *The Future*. The books are intended to offer interested readers a fascinating collection of essays on a broad array of topics related to environmental studies, especially those having to do with the global community.

If interested call or email Russ Hollingsworth, Vice President, Insight Publishing at 800-987-7771 or russ@bookspeaker.com.

Geographical Dimensions of the New Middle East

A special issue of *The Geographical Review* is seeking submissions that examine the "New Middle East" in its reality, perception, and potential future. See the full call for papers at www.amergeog.org/GR/New-Middle-East.pdf. ■

Geographic Centers

Southern Illinois University - Carbondale

The Department of Geography at Southern Illinois University (SIU) in Carbondale, Illinois has been renamed the Department of Geography and Environmental Resources. The name change is an effort to better represent the core of SIU's research and teaching, and the department's focus on environmental management of land and water resources.

The newly named department offers master's degree concentrations in environmental management, water resources, and GIS. The Geographic Information Sciences concentration is supported by faculty and facilities including the Spatial and Environmental Analysis Laboratory

and a Graduate Research Lab. The department also helps lead SIU's interdisciplinary Ph.D. in environmental resources and planning, administered cooperatively with the Department of Geology and the College of Agriculture. The Ph.D. program includes a second GIS laboratory.

The Department of Geography and Environmental Resources at SIUC is also home to the U.S. headquarters of the Universities Council on Water Resources, world headquarters of the International Water Resources Association, and the University Water Information Network. In addition, faculty focus on research in the areas of agricultural geography (organic agriculture, rural land use);

applied climatology (synoptic climatology, mountain hydroclimatology); GIS (cartographic and geographic visualization, environmental health and exposure, remote sensing, spatial epidemiology, spatial statistics); and water resources (floodplain and wetlands management, nonpoint source pollution policy, urban water and conservation planning, integrated water resources management, and watershed management).

For further information about the Department of Geography and Environmental Resources at SIUC, please visit www.geography.siu.edu, or contact department chair Leslie A. Duram at duram@siu.edu. ■

Bonnie McCay (Human Ecology, Rutgers University) and **Kevin St. Martin** (Geography, Rutgers University) received \$219,720 in funding from the National Science Foundation for their project "Experience Based Knowledge in a Science Policy Context." The three-year project examines the representation, translation, and use of fishers' experience based knowledge within fisheries science and management. The project will focus on fisheries in the U.S. Northeast and Maritime Canada, and is linked to a similar project in Europe.

Michael P. Bishop and **John F. Shroder Jr.** (University of Nebraska at Omaha) received \$ 732,244 in funding from the National Aeronautics and Space Administration for their project entitled "Climate Forcing and Glaciers in the Western Himalaya: Assessing Glacier Fluctuations Using ASTER Data." The three-year project involves remote sensing, GIS, fieldwork, and numerical simulation studies to improve our understanding of high-mountain glacier sensitivity to climate forcing. The project will produce scientific information on glacier distribution changes, glacier mass-balance gradients, regional mass-balance trend, and meltwater contribution to rising sea level. The project also focuses on addressing geographic information science issues involving the integration of spectral, spatial, contextual, temporal, and topographic data; and the development of GIS-based models for spatio-temporal process characterization and mapping.

AAG member **John Russell Jensen**, a Carolina Distinguished Professor in the Department of Geography at the University of South Carolina, received the 2004 SAIC/Estes Memorial Teaching Award recognizing individual achievement in the promotion of remote sensing and GIS technology and applications through educational efforts. Jensen was instrumental in developing a new Ph.D.



Jensen

program at the University of South Carolina in Geographic Information Science specializing in remote sensing, cartography, and GIS and has published over 100 articles dealing primarily with remote sensing of the environment and is a co-author of the ASPRS *Manual of Remote Sensing* (1st and 2nd ed.) and *Manual of Photographic Interpretation* (2nd ed.).

AAG member **Holly Hapke** has received both a Fulbright Senior Researcher and a Fulbright-Hays Faculty Research Abroad Award for her project, "Gender, Caste-Religion & Economic Livelihoods in the Fisheries Sector of South India." Hapke is an associate professor in the Department of Geography at East Carolina University. Her project will examine how gendered identities and local divisions of labor influence household livelihoods among Muslim, Christian, and Hindu fisherfolk in the context of globalization and shifting environmental conditions. The research will be conducted in three villages near Trivandrum, in the state of Kerala.



Hapke

University of Victoria, British Columbia geography professor **Harold D. Foster** received the Orthomolecular Doctor of the Year Award from International Society for Orthomolecular Medicine (ISOM). The award recognized Foster's work in the field of medical geography. Two of his most recent books, *What Really Causes AIDS* and *What Really Causes Schizophrenia* include novel treatments for both diseases that are attracting interest from the medical profession. This is the first time the ISOM has given its most prestigious award to a geographer. The award carries the inscription "The Pioneering Geographer of the Orthomolecular Landscape".

Jeffrey S. Smith, associate professor of geography, is one of five recipients of Kansas State University's 2004 Presidential Awards for Excellence in Undergraduate Teaching.

Katrina Moser (University of Utah), **Glen MacDonald** (UCLA), **David**

Porinchu (Ohio State University) and **Jeff Munroe** (Middlebury College) have been awarded a three-year collaborative research grant from the Earth Systems History Program of the National Science Foundation for a study entitled "High Resolution Records of Holocene Climate Change, Drought Variability and Monsoon Behavior from the Uinta Mountains of Utah."

Professor of geography **Hubert B. Stroud** received the 2004 Dean's Distinguished Faculty Achievement Award from the Arkansas State University (ASU) College of Humanities and Social Sciences. Stroud has taught at Arkansas State for thirty-four years, and currently serves as director of the ASU geography B.A. program.

Bimal Paul of Kansas State University received a Quick Response Grant from the Natural Hazards Research and Applications Information Center, University of Colorado at Boulder. The \$3,500 award will be applied to a study on "The Nature of Tornado Warnings and Risk Factors in Tornado Deaths: The April 2004 Tornadoes in North-central Bangladesh."

Frederick E. Nelson and **Nikolay I. Shiklomanov** (both of the University of Delaware) have received an award of \$1,187,171 from the National Science Foundation's Arctic Research Support and Logistics program to support operations by the Circumpolar Active Layer Monitoring (CALM) program in Eurasia and Alaska. The five-year project (2004-09), entitled "CALM II: Long-Term Observations on the Climate-Active Layer-Permafrost System," is the second stage of an integrated global-change program focused on Earth's permafrost regions. CALM currently incorporates more than 125 observation sites distributed over both polar regions and selected mid-latitude mountain ranges and is an affiliate program of the Global Climate Observing System, through its Global Terrestrial Network for Permafrost. The CALM II program provides support for field observations and experimental operations in Russia, Kazakhstan, Mongolia, and Alaska. ■

Cartography, GIS, and Remote Sensing Specialty Groups Student Illustrated Paper Competition

Students at all academic levels are invited to submit illustrated papers that advance any aspect of cartography and/or geospatial digital technologies to the 2005 Cartography and Geospatial Digital Technologies Student Illustrated Paper Competition. An illustrated paper is a poster accompanied by a short (3-5 minute) oral summary of the research problem, data, methods, and findings outlined in the accompanying poster. Illustrated papers must be based upon original work completed as an undergraduate or graduate student within the past academic year. The work must not have been published or presented elsewhere. Illustrated papers must be completed entirely by the applicant; however, thesis/dissertation advisors can be co-authors. Students who are selected as finalists will be placed in a special illustrated paper session at the AAG Annual Meeting. Posters and oral summaries will be judged on potential contribution to any of the sponsoring fields, originality, appropriate use of methodology, organization and composition, clarity, and appropriate use of graphics. Evaluation will take into account the academic level of the entrants.

Students who are interested should electronically submit (1) an abstract and (2) a copy of the email receipt received from the AAG online abstract submission process. The deadline for abstract submission to this competition is October 7, two weeks prior to the final AAG abstracts submission date.

Additional information on awards, poster formats and oral summary formats will be posted at the Web page for the AAG Annual Meeting call for papers, the RSSG student stuff Web page (www.aagrsg.org/studstff.html), the Cartography Specialty Group Web page (www.csun.edu/%7Ehfgeg003/csg/activities.html), and the GIS Specialty Group Web page (www.cla.sc.edu/gis/aaggis/aag2005/index.html).

Questions may be directed to Christine Erlie, Department of Geography, Campus

Box 3220 - Saunders Hall, UNC—Chapel Hill, Chapel Hill, NC 27599-3220. Email: erlien@email.unc.edu.

Energy and Environment Specialty Group Awards.

The Energy and Environment Specialty Group (EESG) is sponsoring two awards for the 2005 Annual Meeting of the AAG in Denver: the Daniel B. Luten Award for the best paper by a professional geographer, and the Earl Cook Award for the best paper by a student. Each award includes a \$250 prize, an engraved plaque, and formal announcement at the AAG meeting.

The requirements for the awards are: paper topics must be on energy, environment, or a mix of the two; papers must be delivered verbally at the AAG meeting in Denver; a letter of intent (including title and abstract) must be submitted by October 22, 2004; and four copies of the completed paper (in MSWord format) should be submitted electronically no later than February 1, 2005.

Papers will be judged by a panel of experts within the EESG.

Send correspondence and papers to Martin J. (Mike) Pasqualetti, Chair, Awards Committee of the EESG, Department of Geography, Arizona State University, Tempe, AZ. Email is preferred for all correspondence, including letter of intent and completed paper to: pasqualetti@asu.edu.

European Specialty Group Student Paper Award

The European Specialty Group (ESG) welcomes submissions of student papers on any aspect of European geography. Submissions must have been written during the 2004 calendar year. The winner of the award will be presented with a check for \$250, as well as a letter of award from the ESG. The paper must be based on original work done as a graduate or undergraduate student.

Guidelines for the award are as follows: (1.) Submissions must be postmarked by January 1, 2005. (2.) Students at all academic levels are encouraged to submit work for consideration. AAG and ESG

membership is encouraged but not required. (3.) Judging by the ESG board of directors will take into account the academic level of each entrant. Submissions will be judged on clarity, methodological, empirical and/or theoretical soundness, and the contribution made to the literature on European geography. Winners are encouraged to submit their entries to professional journals for publication. (4.) Entries must be research papers; complete theses or dissertations will not be considered. Papers must not be longer than fifteen pages of text (exclusive of introductory, bibliographic, graphic, and other materials as requested below). (5.) Submissions may be made via email or hard copy sent to each of the judges. (6.) Award winners will be announced, and prizes presented at the ESG Business Meeting in Denver.

Format: (1.) The paper must begin with a title page giving the title, author's name and academic level, date when the paper was completed, and a complete mailing address. Co-authored papers will be considered as long as each author is a student. In the case of co-authored papers, the title page must include the requested information for each of the authors. (2.) A short abstract should appear on page two, defining the problem, methodology, and results of the study in no more than 250 words. (3.) The listing of references cited should immediately follow the text. Within the text, use a standard format for citation that includes the authors' last names, the date of publication, and the page referenced, if applicable. (4.) Figures and tables must be referenced in the text and should appear in order immediately following the reference section. Both figures and tables should have captions.

Submissions should be sent to: Michelle Behr (behrm@cs.wnmu.edu), Department of Social Sciences, 1000 W. College Avenue Western New Mexico University, Silver City, NM 88061 USA; Darren Purcell (purcelldarren@netscape.net), 123 East 7th Ave., Havana, FL 32333-1619 USA; and Robert Kerr (kerrr@uwplatt.edu), Department of Geography, 1 University Plaza University

of Wisconsin-Platteville, Platteville, WI 53818 USA.

Geography Education Specialty Group Student Paper Competition

The Geography Education Specialty Group (GESG) supports two annual awards to foster recognition of outstanding student research and encourage student participation at the annual meeting of the AAG. Competition for the award is open to undergraduate and graduate students. Student papers will be placed in special sessions at the AAG Annual Meeting organized by the Geography Education Specialty Group. All participants will have their registration paid to the AAG Annual Meeting in Denver, April 5-9, 2005. Additionally, \$100 will be awarded to each winner and the

SG will pay for the winners to attend the awards luncheon.

Students must submit an abstract to the AAG. Additionally, your abstract and Program Identification Number (PIN) must be sent to Jan Smith at jssmit@ship.edu by September 20, 2004. A five to ten page summary of the paper is due to the GESG Awards committee no later than March 5, 2005. If you have any questions about these awards, please contact Jan Smith at the above email address.

Graduate Student Affinity Group

The Graduate Student Affinity Group (GSAG) is pleased to announce the 2005 Graduate Student Paper Competition. The competition seeks to promote the dissemination of graduate student research through written and oral presentations by students in the field of geography. Papers are invited

from current graduate students on any topic and specialty area within geography.

Papers must be based upon original work and the primary author and presenter must be a graduate student. Papers will be judged by members of the GSAG board solely on the basis of the written document. The paper must be presented as part of the AAG Annual Meeting in Denver, though it is not required to be part of a GSAG sponsored session. Students interested in participating must submit their abstract as per the AAG guidelines, and are required to send a copy of their abstract to the GSAG by October 21, 2004 and an electronic copy of their paper in full, including figures, to the GSAG by February 1, 2005. For details, please visit <http://gsag.geo.wvu.edu>. ■

New Members

AAG welcomes these new members whose memberships were processed in July.

Alhosani, Naeema, Lawrence, KS
Bernau, Matthew M., Sioux Falls, SD
Blake, Clare, Leicestershire, UK
Bristow, Gillian, UK
Burkey, Tara, Palmer Lake, CO
Catherine, Fefolt, Austin, TX
Chapman, Tessa, Gilroy, CA
Cotton, Leeroy, Mokena, IL
Davenport, John, Burbank, CA
Demoulin, Joseph, Blanks, LA
Denovchik, Stacey, Huntington, WV
Donovan, Anne, Manhattan, KS
Faul, Angela, Milford, OH
Fitz-Donath, Karen, Stafford, NY
Forss, Dean, Wausau, WI
Giardino, John R., College Station, TX

Hamilton, Justin, Troy, IL
Hayes, Bruce, Albany, NY
Hellmann, Benjamin, Lebanon, NH
Hitchens, Nathan, Muncie, IN
Hopkins, Noah, Longmont, CO
Hubbs, Robert, Melville, NY
Ice, Sarah, Springfield, MO
Jones, Reece, Madison, WI
Kochan, Christopher, Charlotte, NC
Liu, Jicheng, Boston, MA
Lee, Brandan, Lowden, Denton, TX
Mark, Bryant, Tucson, AZ
Matthews, Craig, Metairie, LA
Monroe, Michell, Georgetown, IL
Moritz, Amanda, Silver Spring, MD
Naber, Michael, Cary, NC

Oldham, Andrew, Westminster, MD
Poutous, Anna, Houston, TX
Price, Greg, Smithton, IL
Raghwa, Karan, Abu Dhabi, UAE
Reed, Cyrus, Austin, TX
Sarria, Mauricio Dominic, Canton, MA
Schultz, Richard Brian, Elmhurst, IL
Shan, Jie
Shapiro, Tamara, Logan, UT
Shupe, Scott, Sacramento, CA
Susan, Bobbitt, Huntington Beach, CA
Timmermans, Anne, Seattle, WA
Vitele, John D., Stillwater, OK
Ward, Kelly, Kenersville, NC
Zulu, Leo, Urbana, IL

The AAG Newsletter is now available online at www.aag.org.

NEH Summer Stipends

The National Endowment for the Humanities (NEH) is offering 2005 summer stipends. The program supports two months of full-time research on a project in the humanities through awards of \$5,000. Last fall, of 968 applicants 142 received awards. Regular faculty members of colleges and universities must be nominated by their institutions, and each institution may nominate a maximum of two applicants; independent scholars and adjunct or part-time faculty may apply for these grants without nomination. This nationwide competition has an October 1, 2004 deadline.

Further information is available at www.neh.gov/grants/guidelines/stipends.html and questions may be made by email to stipends@neh.gov or by telephone 202-606-8200.

Fellowships at the International Center for Advanced Studies at NYU

Fellowships for 2005-06 are being offered at NYU's International Center for Advanced Studies. The year's theme, "Politics of the Unprivileged" is the second year of a larger project on "The Authority of Social Knowledge Global Age." The project, which welcomes applications from scholars with Ph.D.s at all career

stages in any social science or humanities discipline from the U.S. and abroad, seeks to examine the production, circulation, and practical import of knowledge generated in the various disciplines of social inquiry. What are the costs of the growing divide between social science inquiry and humanistic scholarship? What are the implications of the growing dominance of U.S. based models of social inquiry for the understanding of other cultures and for the fundamental concepts of political experience and inquiry?

The stipend is \$35,000 for nine months and includes eligibility for NYU housing. The application deadline is January 6, 2005. See www.nyu.edu/gsas/dept/icas for more information and application forms. Fax: 212 995-4546; email: icas@nyu.edu.

International Dissertation Research Fellowships

The Social Science Research Council and the American Council of Learned Societies are pleased to announce the 2005 competition of the International Dissertation Field Research Fellowship (IDRF) program, which is designed to support distinguished graduate students in the humanities and social sciences conducting dissertation field research in all areas and regions of the world. Fifty

fellowships of up to \$20,000 will be awarded in 2005 with funds provided by the Andrew W. Mellon Foundation.

The IDRF program is committed to scholarship that advances knowledge about cultures, societies, aesthetics, economics, and/or politics outside the United States. The program promotes work that is relevant to a particular discipline while resonating across other fields and area specializations.

The program is open to full-time graduate students in the humanities and social sciences regardless of citizenship, who are enrolled in doctoral programs in the U.S.

Applicants must have completed all Ph.D. requirements except fieldwork and dissertation by the time the fellowship begins or by December 2005, whichever comes first. Fellowships will provide support for nine to twelve months in the field, plus travel expenses. The fellowship must be held for a single continuous period within the eighteen months between July 2005 and December 2006.

For further information on application procedures, visit the IDRF Web site at www.ssrc.org/programs/idrf or contact program staff at idrf@ssrc.org. Submissions deadline for step one is November 1, 2004 (online), and the deadline for step two is November 8, 2004 (mail-in). ■

Quarter Century

The 1979 August-September issue of the *AAG Newsletter* reported that the 75th Anniversary Meeting of the AAG in Philadelphia attracted 2,722 registrants, 194 short of the record attendance of 2,916 set in 1978 in New Orleans. It was the largest East Coast meeting in the history of the association, topping the 1,706 registered in New York, 1,650 in Atlanta, and 1,100 in Boston in 1976, 1973, and 1971...the following specialty groups secured a sufficient number of signatures (50) to appear on the membership renewal forms for 1980: Africa, Applied Geography, Cartography, Chinese Geography,

Climatology, Energy, Environmental Studies, Geographic Perspectives on Women, Geography in Higher Education, Geomorphology, Historical Geography, Latin American, Medical Geography, Native American, Planning and Regional Development, Political Geography, Population, Quantitative Methods & Mathematical Models, Remote Sensing, Socialist Geography, Transportation Geography, Urban Geography, and Water Resources...Robert Sack, professor of geography, University of Wisconsin-Madison, received a Senior Research Fulbright Fellowship for the academic year at Leicester University,

Leicester, England...David Ward, also a professor of geography at the University of Wisconsin-Madison, received a Senior Research Fulbright Fellowship for the summer of 1979 at the Department of Human Geography, Research School of Pacific Studies at Canberra, Australia...the book *The AAG: The First Seventy-Five Years, 1904-1979* was on sale for \$10 to association members...The March 1979 issue of the *Annals* was a special issue entitled, "Seventy Five Years of American Geography." It featured twenty-seven essays chronicling important events in American geography in eleven major sections. ■

SEPTEMBER

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

1. National Endowment for the Humanities Fellowship Programs at Independent Research Institutions. www.neh.gov/grants/guidelines/fpiri.html.

15. AAG Honorary Geographer nominations. www.aag.org/Grantsawards/.

15. U.S. Institute of Peace Senior Fellowships. www.usip.org.

20. GIS SG Honors Competition for Student Papers. www/gepg/ucsb.edu/~sara/html/research/gisg.

20. Geography Education SG Student Paper Competition. Contact Jan Smith at jssmit@ship.edu.

30. Remote Sensing SG Honors Competition for Student Papers. www.aagrsg.org/studstff.html.

OCTOBER

1. Woodrow Wilson Center Fellowships. www.wilsoncenter.org.

1. National Endowment for the Humanities Summer Stipends. www.neh.gov/grants/guidelines/stipends.html.

1. Guggenheim Fellowships. www.gf.org.

1. Geography of the Bible SG Amy Mather Student Award Competition. Contact William A. Dando, GBSG Chair, Senior Scholars Academy (CN 401), Indiana State University, Terre Haute, IN 47809.

4. Rhodes Scholarships. www.rhodes-scholar.org.

7. AAG J. Warren Nystrom Award. www.aag.org/annualmeetings/Call_For_Papers/nystrom.htm.

7. Cartography and Remote Sensing SGs Cartography and Geospatial Digital Technologies Student Illustrated Paper Competition. www.cla.sc.edu/gis/aaggis/notices.html.

8. Recreation, Tourism, and Sport SG Student Paper Competition. www.geog.nau.edu/rts/stu-ppr.html.

15. National Endowment for the

Humanities Grants for Teaching and Learning Resources and Curriculum Development. www.neh.gov/grants/guidelines/teachinglearning.html.

15. National Humanities Center Fellowships. www.nhc.rtp.nc.us.

15. McColl Family Fellowship. www.amergeog.org.

21. AAG Enrichment Funds for 2005 Annual Meeting. www.aag.org/Grantsawards/index.cfm.

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

NOVEMBER

1. James R. Anderson Medal of Honor. www.aag.org/Grantsawards/index.cfm.

1. National Endowment for the Humanities Collaborative Research Grants. www.neh.gov/grants/guidelines/collaborative.html.

1. International Dissertation Field Research Fellowships. www.ssrc.org/programs/idrf.

14. Cultural Geography SG Graduate Student Research Grant Competition. Contact Soren Larsen at sclarsen@georgiasouthern.edu.

DECEMBER

1. Title VIII Research Scholarships. Contact Edita Krunkaityte at krunkaityte@wwic.si.edu.

19. Canadian Studies SG Student Paper Competition. Contact Soren Larsen at sclarsen@georgiasouthern.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/Hoffmanfund.html

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

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

31. Anne U. White Fund. www.aag.org/grantsawards/index.cfm.

2005 JANUARY

1. Rural Geography SG John Fraser Hart Award for Research Excellence. Contact Kenneth Dagal at dagelke@mWSC.edu.

1. Rural Geography SG Donald Q. Innis Award. Contact Kenneth Dagal at dagelke@mWSC.edu.

1. Rural Geography SG Lifetime Achievement Award for Excellence in Rural and Agricultural Geography. Contact Kenneth Dagal at dagelke@mWSC.edu.

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

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

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

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

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

FEBRUARY

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

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

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

MARCH

1. Rural Geography SG Student Paper Competition. Contact Kenneth Dagal at dagelke@mWSC.edu. ■

John E. Chappell Jr. 1933-2002

John Chappell was born November 16, 1933 in Los Angeles to modest working-class parents. His intellectual abilities were discovered early and led to full scholarships, first to the Webb Preparatory School in Claremont, California and then, at the age of 17, to Harvard University. He then took an M.A. in Russian Studies at the University of California, Berkeley, to be followed by a Ph.D. degree in geography from the University of Kansas.

Chappell entered Kansas upon a doctoral program in the field of intellectual history with special reference to the history of physics. While in this program, he had a confrontation with a senior person of his future committee. In consequence, Chappell left physics et al. and moved to geography. This confrontational nature was to become characteristic of Chappell and his professional undoing. He seemed to be unable to compromise, frequently insisting that he was right (and concomitantly that his adversary was wrong). Seldom would he let a perceived slight or error on the part of his intellectual adversaries rest.

He held academic positions at the University of Saskatchewan, Chico State University, Mankato State College, Weber State College, and took a fellowship in Russian Studies at Harvard. Although he was unable to secure long-term employment as a geographer, he continued to participate in professional meetings and made futile attempts to secure gainful employment up to the last few years of his life. In what he called his diaspora, he gave occasional lectures in academic departments from the Business School of Harvard University to the Berkeley Department of Geography. To survive, he sold Encyclopaedia Britannica, paid on a commission basis. When the encyclopedia market failed with the onset of digital computers, his income was so severely limited that he deposited his library with friends, and ultimately in

storage facilities, and took to sleeping in his car. In his last thirty years, he returned to his home area, San Luis Obispo, where eventually he secured an apartment in a federally-funded facility. With little income, and no medical insurance, he was vulnerable. Then diabetes set in; by the time he discovered this, the disease was advanced. Death came in June, 2002.

There was, however, another side to John Chappell that compels attention. Between 1961 and 2002 he authored more than eighty-five articles, chapters, and reviews in the areas of natural philosophy, physics, geography, social science, and history. His doctoral dissertation concerned the work of Ellsworth Huntington. His interest in the work of Huntington was related to his ongoing interests in physics since he believed that in dismissing the relevance of environmental determinants, geography had turned its back on the logical and necessary underpinnings of our science, in much the same way he believed physics had moved from the rationalism of Newtonian precepts to the illogic of relativity. He was fond of citing the aphorism of Erhardt Rostlund that environmentalism was never disproved, just disapproved.

Resultantly, he studied what he referred to as environmental causation theory, the major thrust of his publications. He wrote extensively on the subject and in 1994 at the San Francisco AAG Annual Meeting arranged twelve sessions on relativism, each addressed by six keen-minded thinkers in the field. They exemplified his belief in environmental causation as "inevitably part of a multi-causal scheme." Certainly, it was one of the more unusual and well thought out series in the history of our annual meetings. More particularly, he became attracted to the work of Huntington on "variability"; to cabbages growing larger under high tension wires; to the thesis that ozone discharge from underground railways helped preserve the

lives of full-time rail workers during the 'flu pandemic of 1917-1918; that season of birth was a factor in determination of capacity; and Henryk Arctowski's analysis with Huntington on the impact of sunspots on weather and climate. These and many more applications of similar findings fascinated him and led him to extended discussion with other Huntington enthusiasts. He wrote (with clarity) on a variety of other geographical matters including problems confronting the Soviet Union, and analyzed Russian geographical thinking. The latter was aided by his fluency in the Russian language.

He also was given to social political activism, usually expressed in the form of letters . . . long letters, frequently 5,000-10,000 words in extent. He would share these with friends, or people whom he thought would be able to change public policy, both national and international. Briefer letters he quite frequently sent to presidents in the White House. Letters sent to President Reagan were such as to introduce his name to FBI files. He also sent letters and commentaries to a variety of eminent newspapers and magazines in this and other countries. These, as nearly all of his letters, were as well informed as they were composed. Most concerned foreign policy matters, but some issues were confined to the U.S. From time to time he presented these—and other—matters in the form of church sermons. He had an abiding interest in world religions, considered himself a Christian Socialist, and attended church regularly, although adhering to no specific denomination. He was also very interested in spelling reform, baseball, and big band era music.

Unable to find remunerative employment as a geographer, he increasingly gave most of his time to alternate views of physics. In 1994 he joined with others to found the Natural Philosophy Alliance of which he was the unpaid director.

Continued on page 25

New AAG Employee Teri Martin

The AAG is pleased to welcome new staff member Teri Martin. Teri joined the AAG in March as Accounting Manager.

Teri has spent the last twenty years in accounting, starting in the accounting office of a private college in California where she eventually became a fiscal officer working with Title IV funding. She later became a Certified Financial

Aid Director for the Southern California College of Business and Law, earned a certificate in Paralegal Studies, and rose to become the associate executive director of the college. Teri moved from California to



Martin

Washington, DC for work as Director of Internal Operations for the Accrediting Council for Independent Colleges and Schools.

Teri spent her first ten years in Independence, Missouri, where she had a paper route that included deliveries to former president Harry Truman. Teri and her son love Washington, DC and its change of seasons—especially the SNOW!

Canadian Studies Grant Program

The Canadian Embassy in Washington, DC provides a number of grant programs to promote research, teaching, conferences, and program activity in the social sciences and humanities that contribute to a better knowledge and understanding of Canada. Faculty in any field in the social sciences and humanities are eligible to apply.

Research grants, faculty enrichment grants, and graduate student fellowships are offered. Priority topics focus on Canada-U.S. Relations, strengthening Canada's social foundations, building a robust 21st century economy in Canada, and restoring Canada's role in the world. Of special interest are projects that examine the background, complexity,

and ramifications of border security, trade and economics, energy, softwood lumber, environment, defense cooperation, and agriculture in Canada-U.S. bilateral relations.

The **Canadian Studies Research Grant Program** assists individual scholars, or a team of scholars, in writing an article-length manuscript of publishable quality and reporting their findings in scholarly publications, thus contributing to the development of Canadian studies in the United States. The application postmark date is September 30, 2004.

The **Canadian Studies Graduate Student Fellowship Program** is designed to give doctoral students an opportunity to conduct part of their research in

Canada. The application postmark date is November 1, 2004.

The **Canadian Studies Faculty Enrichment Program** (Course Development) provides faculty members an opportunity to develop or redevelop a course(s) with substantial Canadian content that will be offered as part of their regular teaching load, or as a special offering to select audiences in continuing and/or distance education. We especially encourage the use of Internet technology. The application postmark date is November 1, 2004.

Detailed information and application forms are available online at www.canadianembassy.org/education/canadianstudies-en.asp. ■

Chappell from page 24

("Natural Philosophy" is the name by which physics was known in the time of Isaac Newton, and well into the nineteenth century.) The alliance constitutes an international group of several hundred persons, mainly in the physical sciences, who hold dissenting or alternate views in the areas of physics, cosmology, and mechanics. As director, he organized and functioned as chair of annual regional meetings, and was a speaker at numerous

scientific meetings in the United States and Europe. He wrote a quarterly newsletter and held a lively exchange among members and interested scholars worldwide. His views on matters of "natural philosophy" may be accessed at the Natural Philosophy Alliance Web site:

<http://mywebpages.comcast.net/Dene/Steps.htm>. ■

Clark Akatiff and Geoffrey Martin

Necrology

Bilal Ahmad died at home in Iowa City, Iowa, the morning of September 1, 2002, sixteen months after being diagnosed with a brain tumor.

Ahmad earned his graduate degree from the University of Liverpool in England, then taught at the University of Karachi in Pakistan before moving to the University of Iowa. ■

The AAG Guide to Geography Programs in North America 2003-2004 is available. Visit www.aag.org/Publications/Guide.html to order your copy today!

Blackwell, Fritz. *India: A Global Studies Handbook*. Santa Barbara, CA: ABC-CLIO, 2003. 299 and 16 pp., n.p., ISBN 1-57607-348-3.

Brush, Stephen B. *Farmer's Bounty: Locating Crop Diversity in the Contemporary World*. New Haven and London: Yale University Press, 2004. 327 and 19 pp., \$37.50, ISBN 0-300-10049-3.

Bush, David M., William J. Neal, Norma J. Longo, Kenyon C. Lindeman, Deborah F. Pilkey, Luciana Slomp Esteves, John D. Congleton, and Orrin H. Pilkey. *Living with Florida's Atlantic Beaches: Coastal Hazards from Amelia Island to Key West*. Durham, NC: Duke University Press, 2004. 338 and 20 pp., \$22.95, ISBN 0-8223-3289-2.

Cresswell, Tim. *Place: A Short Introduction*. Malden, MA: Blackwell, 2004. 153 and 13 pp., \$24.95, ISBN 1-4051-0672-7.

Davis, Donald W. and Miles Richardson, eds. *The Coastal Zone: Papers in Honor of H. Jesse Walker*. Baton Rouge, LA: Louisiana State University, Department of Geography and Anthropology, 2004. (Geoscience and Man Vol. 38.) 178 and 16 pp., n.p., ISBN 0-938909-10-X.

Desfor, Gene and Roger Keil. *Nature and the City: Making Environmental Policy in Toronto and Los Angeles*. Tucson, AZ: University of Arizona Press, 2004. 274 and 18 pp., \$45.00, ISBN 0-8165-2373-8.

Detro, R.W., and H.J. Walker, compilers. *The Wonderful World of Geographic Names: The Writings of Meredith (Pete) Burrill (Toponymist Extraordinaire)*. Baton Rouge, LA: Louisiana State University, Department of Geography and Anthropology, 2004. (Geoscience and Man Vol. 39.) 435 and 13 pp., n.p., ISBN 0-938909-12-6.

Doeppers, Daniel F. and Peter Xenos, eds. *Population and History: The Demographic Origin of the Modern Philippines*. Madison, WI: University of Wisconsin Press, 1998. 431 and 11 pp., \$24.95, ISBN 1-881261-23-9.

Downs, Peter W. and Kenneth J. Gregory. *River Channel Management: Toward Sustainable Catchment Hydrosystems*. London: Arnold, 2004. 395 and 12 pp., n.p., ISBN 0-340-75969-0.

Duckham, Matt, Michael F. Goodchild, and Michael F. Worboys, eds. *Foundations of Geographic Information Science*. London and New York: Taylor and Francis, 2003. 257 pp., n.p., ISBN 0-415-30726-0.

Dutt, Ashok K., Allen G. Noble, G. Venugopal, and S. Subbiah, eds. *Challenges to Asian Urbanization in the 21st Century*. Dordrecht, Netherlands: Kluwer, 2003. 288 and 15 pp., \$121.00, ISBN 1-4020-1576-3.

Environmental Protection Agency. *Community Culture and the Environment: A Guide to Understanding a Sense of Place*. Washington, DC: United States Environmental Protection Agency, Office of Water, EPA 842-B-01-003, November 2002. 280 and 10 pp., n.p., no ISBN.

Gates, Gary J. and Jason Ost. *The Gay and Lesbian Atlas*. Washington, DC: The Urban Institute Press, 2004. 232 and 10 pp., \$49.50, ISBN 0-87766-721-7.

Getis, Arthur, Jesus Mur, and Henry G. Zoller, eds. *Spatial Econometrics and Spatial Statistics*. New York: Palgrave/St. Martin's Press, 2004. 297 and 17 pp., \$80.00, ISBN 1-4039-0797-8.

Glassman, Jim. *Thailand at the Margins: Internationalization of the State and the Transformation of Labour*. New York: Oxford University Press, 2004. 241 and 17 pp., n.p., ISBN 0-19-926763-4.

Gwynne, Robert N., Thomas Klak, and Denis J.B. Shaw. *Alternative Capitalisms: Geographies of Emerging Regions*. London: Arnold, 2003. 248 and 8 pp., £18.99, ISBN 0-340-76321-3.

Gwynne, Robert N. and Cristobal Kay, eds. *Latin America Transformed: Globalization and Modernity*. London: Arnold, 2nd rev. edition, 2004. 316 and 19 pp., n.p., ISBN 0-340-80930-2.

Harris, Richard. *Creeping Conformity: How Canada Became Suburban, 1900-1960*. Toronto: University of Toronto Press, 2004. 204 and 10 pp., \$19.95, ISBN 0-8020-8428-1.

Hobson, John M. *The Eastern Origins of Western Civilization*. New York: Cambridge University Press, 2004. 376 and 15 pp., \$75.00 cloth, ISBN 0-521-83835-5; \$29.99 paper, ISBN 0-521-54724-5.

Hofstra, Warren, R. *The Planting of New Virginia: Settlement and Landscape in the Shenandoah Valley*. Baltimore: Johns Hopkins University Press, 2004. 410 and 15 pp., \$49.95, ISBN 0-8018-7418-1.

Jakle, John A. and Keith A. Sculle. *Lots of Parking: Land Use in a Car Culture*. Charlottesville, VA: University of Virginia Press, 2004. 293 and 13 pp., \$34.95, ISBN 0-8139-2266-6.

Jasanoff, Sheila and Marybeth Long Martello, eds. *Earthly Politics: Local and Global in Environmental Governance*. Cambridge, MA: MIT Press, 2004. 356 and 8 pp., \$27.00, ISBN 0-262-60059-5.

Johnston, Ron and James Sidaway. *Geography and Geographers: Anglo-American Human Geography Since 1945*. 6th rev. edition. London: Arnold, 2004. 527 and 14 pp., n.p., ISBN 0-340-80860-8.

Jones, Martyn, Rhys Jones, and Michael Woods. *An Introduction to Political Geography: Space, Place and Politics*. London and New York: Routledge, 2004. 202 pp., \$38.95, ISBN 0-415-25077-3.

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LeGates, Richard T. and Frederic Stout, eds. *The City Reader*. 3rd edition. London and New York: Routledge, 2003. 520 and 18 pp., \$45.95, ISBN 0-415-271738.

Mathewson, Kent and Martin S. Kenzer, eds. *Culture, Land, and Legacy: Perspectives on Carl O. Sauer and Berkeley School Geography*. Baton Rouge, LA: Louisiana State University, Department of Geography and Anthropology, 2003. (Geoscience and Man Vol. 37.) 353 pp., n.p., ISBN 0-938909-08-8.

Continued on page 27

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Palsson, Sveinn. *Draft of a Physical, Geographical, and Historical Description of Icelandic Mountains on the Basis of a Journey to the Most Prominent of Them in 1792-1994*. Transl. Richard S. Williams, Jr. and Oddur Sigurdsson. Reykjavik, Iceland: The Icelandic Literary Society, 2004. 183 and 36 pp., n.p., ISBN 9979-66-146-1.

Panerai, Philippe, Jean Castex, Jean Charles Depaule, and Ivor Samuels. *Urban Forms: The Death and Life of the Urban Block*. Oxford, UK: Architectural Press, 2004. 222 and 11 pp., n.p., ISBN 0-7506-5607-7.

Platt, Rutherford H. *Land Use and Society: Geography, Law, and Public Policy*. Washington, DC: Island Press, revised edition, 2004. 455 and 19 pp., \$37.50, ISBN 1-55963-685-8.

Richards, Keith. *Rivers: Form and Process in Alluvial Channels*. Caldwell, NJ: Blackburn Press, reprint of 1984 edition, 2004. 361 and 11 pp., \$44.95, ISBN 1-930665-97-0.

Richardson, Harry W. and Chang-Hee Christine Bae, eds. *Urban Sprawl in Western Europe and the United States*. Burlington, VT: Ashgate, 2004. 325 and 15 pp., \$89.95, ISBN 0-7546-3789-1.

Salazar-Carrillo, Jorge and Bernadette West. *Oil and Development in Venezuela During the 20th Century*. Westport, CT: Praeger, 2004. 280 and 13 pp., \$75.00, ISBN 0-275-97262-3.

Schulz, Helena L. *The Palestinian Diaspora: Formation of Identities and Politics of Homeland*. London and New York: Routledge, 2003. 276 and 12 pp., \$27.95, 0-415-26821-4.

Schuurman, Nadine. *GIS A Short Introduction*. Malden, MA: Blackwell, 2004. 169 and 13 pp., \$22.95, ISBN 0-631-23533-7.

Shaw, Annapurna. *The Making of Navi Mumbai*. Hyderabad, India: Orient Longman, 2004. 295 and 15 pp., €5.65, ISBN 81-250-2600-2.

Sutton, Mark Q. and E.N. Anderson. *Introduction to Cultural Ecology*. Walnut Creek, CA: Alta Mira Press, 2004. 384 and 13 pp., \$34.95, ISBN 0-7591-0531-6.

Swyngedouw, Erik. *Social Power and the Urbanization of Water: Flows of Power*. New York: Oxford University Press, 2004. 209 and 16 pp., n.p., ISBN 0-19-823391-4.

Wiese, Andrew. *Places of Their Own: African American Suburbanization in the Twentieth Century*. Chicago: University of Chicago Press, 2004. 411 and 11 pages, \$37.50, ISBN 0-226-89641-2.

Woodward, Rachel. *Military Geographies*. Malden, MA: Blackwell, 2004. 196 and 11 pp., \$39.95, ISBN 1-4051-2777-5. ■

Back Issues of The Professional Geographer Needed

The following issues of *The Professional Geographer* are needed to complete a digitization project. All issues from 1949 to 1959, May 1963, January 1964, March 1965, January 1966, November 1972, and November 1978.

If you would like to donate any of these issues, please contact Journals Manager Robin Friedman at rfriedman@aag.org or by calling 202-234-1450 x22. ■

FGDC Invites Comment on Framework Data Standards

The Federal Geographic Data Committee (FGDC) invites comments from all interested parties on the draft framework data standards developed through the Geospatial One-Stop e-Government initiative. The public review period ends September 28, 2004.

The framework data standards establish common requirements to facilitate data exchange for seven

themes of geospatial data fundamental to many different GIS applications. The seven geospatial data themes are: geodetic control, elevation, orthoimagery, hydrography, transportation, cadastral, and governmental unit boundaries. For more information on participating in the review of the draft framework data standards go to www.fgdc.gov. ■

Jobs in Geography

UNITED STATES

***ARIZONA, TEMPE 85287-3211.** The Center for Environmental Studies at Arizona State University is seeking applications for the position of **Postdoctoral Research Associate in water use, history, economics, or policy.** Seeking researcher with expertise in water-related issues from the perspective of either history of water use, history of agriculture, relation to climate, economics, policy or law. The successful candidate will work with researchers in both natural and social sciences that are involved with several long-term projects on the relationship of climate, water use, irrigation agriculture, and urban growth in Central Arizona over the past 150 years. Incumbent will report directly to Charles Redman, Director of the Center for Environmental Studies and Ann Kinzig, Associate Professor of Life Sciences. Initial term is for one year, renewable.

Applicants must submit a cover letter explaining interest in the position and relevant expertise, Curriculum Vitae, name, phone number and email addresses of 3 references, and reprints (no more than 3) to the address below. SEP 04-125.

Apply: Linda Williams, Postdoc Search (Water), Center for Environmental Studies, Box 873211, Arizona State University, Tempe AZ 85287-3211. Applications due August 15th, if not filled the 15th and 30th of each month thereafter, until search closed. For inquiries, job description, required and desired qualifications contact: Linda Williams at 480-965-0867 or at linda.williams@asu.edu. Position contingent upon funding. AA/EOE.

***CALIFORNIA, LONG BEACH 90840-1101.** California State University, Long Beach, seeks applications for an **open rank tenure-track position in Physical Geography/Palaeoclimatology** to begin 23 August 2003. Ph.D. in geography or related field by start of appointment is required, as is effective teaching. Demonstrated or potential ability for extramurally-funded research and publications is strongly preferred. Salary is commensurate with training and experience.

For the position description and application procedure, please visit <http://www.csulb.edu/geography/climatology.html>. Inquiries and correspondence should be directed to: Dr. Paul Laris, Department of Geography, California State University, Long Beach, CA 90840-1101, 1 (562) 985-1861 or -4977 (FAX - 8993). SEP 04-109.

Review of complete applications begins October 15, 2004 and will continue until position is filled or search is cancelled. An EEO Employer.

CALIFORNIA, REDLANDS. Enterprise GIS Program Manager. ESRI seeks a contracts/program manager to coordinate its enterprise GIS site license program. Responsibilities include translating IT business and budgetary requirements of large multisite organizations into successful enterprisewide commercial/government license agreements; providing sales support to government and commercial clients; and working with contracts and sales teams on contract negotiations. Requirements include a bachelor's degree in business/related field and minimum of five years contract administration experience, preferably in the commercial software/services industry. AUG 04-95.

To apply: send cover letter and resume to jobs@esri.com or apply online at www.esri.com/careers. Please code AAG/MD.

***CALIFORNIA, REDLANDS 92373.** Senior GIS Analysts. Join the world leader in GIS! ESRI is searching for experienced technical GIS professionals who have an interest in designing and building the next generation of the ArcGIS product line. These positions are for technically savvy individuals who have the ability to ensure the utility and usefulness of GIS applications. Qualified candidates must have five or more years of experience implementing, applying, and using GIS in a number of advanced implementations. Responsibilities for this role include certifying software based on simulated user-case scenarios, enhancing product quality, developing and documenting software methods, identifying workflow enhancements, developing prototypes, and planning for future releases.

Effective and highly developed communication skills are essential for this role. Candidates must have a B.S./M.S. degree in computer science, geography, or a GIS-related field; a high level of understanding of complementary ESRI products including ArcGIS Desktop, ArcGIS

"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

Server, ArcGIS Engine, ArcGIS extensions, ArcSDE, and/or ArcIMS; and five or more years of GIS implementation and/or GIS application development experience. It is also highly desirable to have experience with programming languages (e.g., .NET, Java, COM) and administration/development of industry standard databases (e.g., SQL Server, Oracle, Informix, DB2).

To apply, send your cover letter and resume to jobs@esri.com or apply online at www.esri.com/careers. Please code all submissions AAC/AM. SEP 04-108.

***CALIFORNIA, SAN DIEGO 92182-4493.** San Diego State University seeks applicants for a tenure track **Assistant Professor** position, contingent on funding, to begin in August, 2005. Ph.D. required at time of appointment. Expertise required in some combination of the following areas: **Landscape Ecology, ecosystem modeling, spatial/environmental analysis.** Demonstrated excellence in teaching and scholarship and commitment to funded research required. SDSU's Geography Department has many faculty with expertise in the application of GIScience and geospatial techniques, and houses the Center for Earth Systems Analysis Research (CESAR), a laboratory facility designed to support state-of-the-art technology in geographic information systems, image processing, remote sensing, automated cartography, spatial statistics, and spatial modeling. Departmental information can be found at <http://typhoon.sdsu.edu>. Send letter of application describing research agenda and teaching interests, curriculum vitae, and names and addresses of three references.

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

Applications must be received by October 15, 2004. Applications should be sent to the address below. SEP 04-135.

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

***CALIFORNIA, SAN LUIS OBISPO 93407.** Social Sciences - **Assistant Professor**, tenure track, available beginning September, 2005, California Polytechnic State University, San Luis Obispo, California. Candidates must have a Ph.D. in Geography at the time of hiring. The position will require teaching of introductory Physical Geography, Climatology, and Geographic Information

Systems (GIS). The successful candidate will also be expected to teach Global (World Regional) Geography and an additional course in a topical or regional specialty. Geography at Cal Poly is an integral component of the Social Sciences and Earth Sciences majors, as well as having an important role in general education. The multidisciplinary nature of these programs mandates that the new geographer work cooperatively with faculty from a variety of disciplines. Please visit www.calpolyjobs.org, complete online faculty application and apply to Requisition #100360. Mail a letter of interest, a vitae, three current letters of reference, a list of CSU courses previously taught, and official transcripts to the address below. SEP 04-124.

Apply: Harold Kerbo, Dept. Chair, Social Sciences Department, Cal Poly State University, San Luis Obispo, CA 93407. For additional information please contact James Keese at (805) 756-1170 or send e-mail to jkeese@calpoly.edu. Closing Date: November 19, 2004. Cal Poly is strongly committed to achieving excellence through cultural diversity. The university actively encourages applications and nominations of all qualified individuals. EEO.

DISTRICT OF COLUMBIA, WASHINGTON 20037. World Wildlife Fund (WWF) seeks a **Marine Conservation Specialist** (job #24072) to analyze biodiversity patterns and design conservation seascapes for priority marine ecoregions. The ideal candidate will have a Master's degree in a related field (Geography, Marine Ecology, etc.); two years of conservation experience; expertise with GIS, relational databases, and remote sensing-associated tools; knowledge of global patterns of biodiversity and conservation issues; excellent analytical, writing, speaking, and interpersonal skills; and the ability to work independently. Willingness to travel frequently, often to remote locations, required. Knowledge of Spanish or other languages useful. Position is based in Washington, DC.

AA/EOE Women and minorities are encouraged to apply. Please send cover letter and resume by email to the address below. AUG 04-89.

Apply: hr@wwfus.org, by fax: (202) 293-9211, or by mail: World Wildlife Fund, Human Resources Dept. #24072, 1250 24th Street, NW, Washington, DC 20037.

For more info: www.worldwildlife.org. No telephone inquiries please.

Reviews of applications will begin June 1, 2004 and will continue until position is filled.

***FLORIDA, GAINESVILLE 32611-07315.** The University of Florida invites applications for an

Assistant Scientist in Geography starting January 1, 2005. Masters or Doctoral degree in geography or related field and specialization in **Geographic Technologies.** Duties will include supervising departmental computer labs (computer set up and maintenance, system administration, network administration), teaching one course per semester, collaborating with faculty and students on research and service projects, and maintaining faculty and staff computers. Candidates are expected to be effective teachers committed to incorporating Geographic Technologies (spatial analysis, Cartography, GIS, remote sensing) into course structures and faculty/student research projects. Salary \$36,000 plus benefits (12 month, 0.75 FTE position), renewable on an annual basis. Additional information on the Department can be found at www.geog.ufl.edu. Applicants should send (a) a cover letter identifying professional interests and qualifications, (b) detailed CV, (c) photocopies of transcripts, and (d) names, addresses and phone numbers of three references. Closing date for receipt of application materials is November 19th 2004 or until appointment is made. Equal opportunity/affirmative action employer. SEP 04-132. Apply: Dr. Timothy Fik, Search Committee Chair, Department of Geography, University of Florida, PO Box 117315, Gainesville, FL, 32611.

GEORGIA, ATHENS 30602. University of Georgia. The Department of Geography seeks a scholar to serve as **Director of the Center for Remote Sensing and Mapping Science (CRMS).** This is a **faculty position at associate professor rank.** The CRMS has a rich 20-year history of distinguished engagement in collaborative, multi-disciplinary research projects that involve the development of remotely sensed imagery and map data processing technologies for applications in the natural sciences. The CRMS was named a NASA Center of Excellence in 1998. The Department of Geography at UGA maintains a vibrant undergraduate and graduate program, possesses an energetic and talented faculty, and is committed to continued scholarly excellence. Additional information about the Department of Geography is available at <http://www.ggy.uga.edu>. We envision building upon the existing strengths of the CRMS and the Department by fostering cutting-edge spatial data applications across all of geography and allied fields in the campus community.

The CRMS currently has a staff of two full-time scientists (partially supported by soft money) and a grants manager. In addition, its mission is supported by approximately a dozen affiliated faculty, staff, and graduate research assistants. The CRMS has generated approximately

\$500,000/year in research funding over the past five years. For more details about the current mission and scope of activities of the CRMS, visit <http://www.crms.uga.edu>.

Candidates for this position should have a research focus in geographic techniques and mapping sciences, broadly defined. The director will be expected to promote the role of the CRMS by encouraging partnerships and research collaborations involving the use of spatial data technologies across geography and related social and natural science disciplines, as well as with affiliated public and private agencies. A Ph.D. and administrative skills are essential. This faculty position will involve initiation and maintenance of a vigorous externally funded research program, teaching undergraduate and graduate courses in areas of specialization, advising graduate students, and overseeing the operation of the CRMS. The new director will have considerable latitude, in consultation with the faculty of the Department of Geography, in charting the future evolution of the CRMS.

Application deadline is 15 September 2004. Appointment starts August 2005. Please send a letter of application detailing research/teaching accomplishments, curriculum vitae, the names of four references, and a statement articulating a vision for the Center for Remote Sensing and Mapping Science to the address below. AUG 04-90

Apply: Albert J. Parker, Chair of the Search Committee, Department of Geography, University of Georgia, Athens, GA 30602-2502. Email: ajparker@uga.edu. Tel: 706-542-2368. The University of Georgia is an Affirmative Action/Equal Opportunity Employer. Applications from women and minorities are strongly encouraged.

***GEORGIA, ATLANTA 30303-3080.** Georgia State University. The Department of Anthropology and Geography invites applications for a tenure track **Assistant/Associate Professor in GIS and public health** with appointment between January and August 2005. Expertise in a broad variety of GIS to public health applications will be considered, with particular consideration given to the spatial analysis of diseases and risk behaviors. We are looking for candidates who integrate GIS with public health, epidemiology, geostatistical methods, geovisualization, and medical geography. A PhD in geography or closely related field is required. Specialization is preferred in one or more of the following general areas: HIV/AIDS and infectious diseases, injury and violence, substance abuse and mental health, and chronic diseases and illness. Teaching responsibilities should add to or complement

existing courses in human geography, GIS and public health. This new faculty position will enable interdisciplinary collaboration as part of the University's investment in Urban Health Research, which will include 16 new faculty members across the University. Position open until filled. Send CV, a letter of application, statements of research and teaching, selected publications, and the names of three references. SEP 04-114.

Apply: Dr. Jeremy Crampton, Chair, GIS and Public Health Search Committee, Department of Anthropology and Geography, Georgia State University, Atlanta, GA, 30303, <http://monarch.gsu.edu>. Voice 404-651-1763 email jcrampton@gsu.edu. Georgia State University, a unit of the University System of Georgia, is an Equal Opportunity Educational Institution and an EEO/AA employer.

***GEORGIA, ATLANTA 30303-3083.** The Department of Anthropology & Geography at Georgia State University invites applications for a tenure-track **assistant professor position in physical geography** beginning August 2005. The successful applicant will have research and teaching specializations in climatology and/or biogeography, with an emphasis on human-environment interactions. Ability to teach remote sensing required. Applicants must demonstrate the potential to obtain external funding. A Ph.D. in Geography or closely related field is required. Send letter of application, curriculum vitae, evidence of teaching effectiveness, and a list of the names, addresses, and e-mail addresses of three referees to the address below. SEP 04-120.

Apply: Dr. Paul A. Knapp, Chair, Physical Geography Search Committee, Department of Anthropology & Geography, 33 Gilmer Street, Georgia State University, Atlanta, GA 30303-3083. Screening of applications will begin on November 1, 2004 and continue until the position is filled.

For information on GSU's department of Anthropology & Geography, please visit <http://monarch.gsu.edu>. Georgia State University is an Equal Opportunity/Affirmative Action Employer.

***GEORGIA, STATESBORO 30460-8149.** Georgia Southern University. Position description. The Department of Geology and Geography invites applications for a **tenure-track position in one of two areas of specialization: medical geography or transportation geography**. The successful candidate will become part of a team of highly motivated professionals who are

committed to achieving national prominence as an undergraduate program in geography. The rank (either Assistant or Associate Professor) and salary will be commensurate with the strongest applicant's experience and accomplishments. Candidates are invited to apply for the position in either of these two areas:

Medical Geography

The Department has a strong preference for a medical geographer with research interests and/or experience in geographical epidemiology or the spatial aspects of health care delivery. Opportunities for collaborative work with other professionals at Georgia Southern can be found in the University's Institute for Arthropodology and Parasitology (<http://cost.georgiasouthern.edu/centers/>), the Jiann-Ping Hsu School of Public Health (<http://chhs.georgiasouthern.edu/health/index.htm>), and the Karl E. Peace Center for Biostatistics (<http://chhs.gasou.edu/Biostatistics.htm>).

Transportation Geography

With the institution's location on the Coastal Plain, the Department has a strong preference for a geographer with research interests and/or experience in marine-overland transportation interfaces. The Georgia Ports of Savannah and Brunswick and the Ports of Charleston (SC) and Jacksonville (FL) are all readily accessible. Cooperative research opportunities exist with Georgia Southern's College of Information Technology (<http://cit.georgiasouthern.edu/>) and College of Business Administration (<http://coba.georgiasouthern.edu/>).

This individual will share responsibility for courses in geographical information systems. Therefore, a working knowledge of ESRI software use and application is required. In addition to GIS courses and courses in the specialty, teaching responsibilities will include world regional geography. Preference will be given to candidates who apply GIS to their research and those with prior undergraduate teaching experience. Preference will also be given to candidates who have the ability to work with diverse populations. A PhD in geography or a closely related discipline must be completed by the position starting date of August 1, 2005.

The university and the department: Georgia Southern University, a unit of the University System of Georgia, is the largest center of higher education in the southern half of Georgia. The Georgia Southern University web site can be found at <http://www.georgiasouthern.edu/>. The Department of Geology and Geography offers courses that lead to the BS and BA degrees with a majors in both geography and geology. The Department's web site (<http://cost.georgiasouthern.edu/geo/>)

provides a good overview of our programs, faculty, and facilities.

Application information: Please direct a letter of application including a statement of research and teaching interests, a curriculum vitae, supporting documentation (such as reprints and evidence of teaching effectiveness), and the names, e-mail addresses, and telephone numbers for three referents to the address below. SEP 04-99.

Apply: Dr. Mark R. Welford, Search Committee Chair, Department of Geology and Geography, P.O. Box 8149, Georgia Southern University, Statesboro, GA 30460-8149. Initial review of applications will begin on September 15, 2004 and will continue until the position is filled.

The names of applicants and nominees, résumés, and other general non-evaluative information may be subject to public inspection under the Georgia Open Records Act. Persons who need reasonable accommodations under the Americans with Disabilities Act in order to participate in the search process should notify the Search Committee Chair. Georgia Southern University is an Equal Opportunity/Affirmative Action Institution.

ILLINOIS, CHICAGO 60628-1598. Chicago State University. Tenure-track **Assistant Professor** position starting in Fall, 2004. The Department seeks a broadly trained geographer who is strongly committed to undergraduate and graduate teaching and who is willing and able to participate in outreach activities through the Department's Neighborhood Assistance Center and Calumet Environmental Resource Center. Desirable specialties may include but are not limited to GIS, hazards research, urban ecology, environmental management, community development, and environmental justice. The department offers B.A. and M.A. degrees in Geography as well as graduate certificates in GIS and in Community Development. Chicago State, an urban, comprehensive university located in the Calumet region on the city's far south side, serves a predominantly minority population and is an EOE/AA employer. Women and minority candidates are especially encouraged to apply. Ph.D. must be completed by Fall, 2004.

Send letter of application, statement of teaching and research interests, CV, copies of transcripts and three letters of reference to the address below. AUG 04-92.

Apply: Chair, Geography Search Committee, Department of Geography, Sociology, Economics, and Anthropology, Chicago State University, Chicago, IL 60628-1598. Review of applications will begin immediately and the position will

remain open until filled. For further information, email danielblock@sbcglobal.net.

***IOWA, CEDAR FALLS 50614-0406.** University of Northern Iowa. **Assistant Professor.** Entry-level tenure-track position beginning August 2005. Ph.D. required. Expertise in **GIS and Urban Geography/Planning.** Research and teaching focus must involve domestic (i.e. U.S.) issues and applications. Teaching duties will include the following: introductory human geography, introductory geographic information systems (GIS), a planning course, and additional courses involving GIS applications or urban geography. University-level teaching experience and demonstrated potential for research and scholarship are required. The Department is scheduled to move into a renovated building with state-of-the-art facilities by January 2006. For more information about the Department, visit our home page at <http://fp.uni.edu/geography>. The Department encourages applications from minority persons, women, and persons with disabilities.

Submit letter of application, curriculum vitae, and the names and contact information of three references. Complete applications received by October 21, 2004 will be given full consideration. SEP 04-118.

Apply: Philip W. Suckling, Head, Department of Geography. Phone: 319/273-2772. Fax: 319/273-7103. E-mail: suckling@uni.edu. The University is an equal opportunity employer with a comprehensive plan for affirmative action.

***IOWA, IOWA CITY 52242-1316.** The Department of Geography at The University of Iowa invites applications for a tenure track position beginning in August 2005 that will be filled at the **Assistant Professor** level. We are seeking an individual with research and teaching interests in **environmental remote sensing**. Interests in environmental modeling, biogeography, climatology, or land use are desirable. A strong commitment to undergraduate and graduate education is expected, as are credible plans for establishing a record of productive research. A Ph.D. in geography or a closely related field is preferred by date of appointment. Applicants should submit a letter describing their research and teaching interests, evidence of teaching effectiveness, and a current c.v. They should also arrange to have three letters of recommendation sent. Screening of applications will begin on 01 November 2004. For additional information about the department see: <http://www.uiowa.edu/~geog/>. Send materials to the address below. SEP 04-128.

Apply: Professor George P. Malanson, Department of Geography, 316 Jessup Hall, The University of Iowa, Iowa City, IA 52242-1316. Telephone: 319/335-0540, Fax: 319/335-2725, email: george-malanson@uiowa.edu. The University of Iowa is an AA/EO/ADA employer; minorities, women, and individuals with disabilities are encouraged to apply.

***MARYLAND, COLLEGE PARK 20742-8225.** Faculty Position: **Geographic Information Science.** The University of Maryland (College Park) Department of Geography invites applications for a tenure-track **Assistant Professor or a tenured Associate Professor**, dependent on level of experience. This position is expected to start on or about August 2005. Salary and benefits are highly competitive, commensurate with qualifications and experience. A Ph.D. degree in geography or in a related area, such as computer, environmental or social science is required.

The UMD Geography Department has achieved substantial success in the study of biogeophysical and socioeconomic dimensions of the Earth system as well as the application and development of remote sensing and geographic information systems to local, regional, and global issues. We are seeking applicants who can demonstrate substantive research, teaching, and service experience, as well as an established publication record and the strong potential to further enhance the Department's national and international reputation. Applicant will be expected to substantially contribute to the teaching of the GIS and digital cartography program.

Applicants are sought with expertise and primary research interests in Geographic Information Science.

Applications should include a personal statement of background and experience relevant to the position, including research, teaching and service activities, a signed, dated Curriculum Vitae, reprints of selected peer-reviewed publications, and names and addresses (including e-mail) of 3-5 referees.

For best consideration applications should be submitted no later than October 15, 2004, but search will continue until a suitable candidate is appointed. Applications from women and minorities particularly sought. The University of Maryland is an Equal Opportunity Affirmative Action Employer. SEP 04-129.

Submit applications to: Stephen Prince, Chair, Search Committee, Department of Geography, 2181 LeFrak Hall, University of Maryland, College Park, Maryland 20742-8225.

Further information on this position and on academic and research programs of the Department may be obtained from the address above and can be found at <http://www.geog.umd.edu/>.

***MASSACHUSETTS, WORCESTER 01610.** The Graduate School of Geography, Clark University. Tenure-track **Assistant Professor Economic Geography**. Starting August 2005. PhD required at time of appointment. The Graduate School of Geography seeks to hire a committed teacher/scholar who will contribute to cutting edge scholarship in economic geography. Expertise in the theoretical and empirical study of a variety of areas will be considered; examples include emerging industries or regions, technologies and innovation, consumption, cultural economies, or global/mega cities. The successful candidate must show promise for securing extramural funding. Preference will be given to candidates who complement the department's existing areas of strength (see the geography website at <http://www.clarku.edu/departments/geography/>) and who are committed to collaborative work. Strong undergraduate and graduate

teaching, advising, and mentoring are a requisite in the "university college" tradition of Clark. The successful candidate should be able to link to one of the University's other programs, such as the International Studies Stream.

Send CV, a detailed statement of professional experience and research and teaching interests, and contact information for three references. Review of applications will begin on 1 October 2004. SEP 04-106.

Apply: Dr. Susan Hanson, Chair, Faculty Search Committee, Graduate School of Geography, Clark University, 950 Main Street, Worcester, MA 01610. Voice 508-793-7323. Fax 508-793-8881. Email: shanson@clarku.edu.

Clark University is committed to diversity and encourages applications from women and minorities. Affirmative action/ equal opportunity employer.

***MICHIGAN, BIG RAPIDS 49307. Geography Assistant Professor** – to teach geography, advise and register students, contribute to the development of environmental studies major. Required: PhD in Geography with expertise in physical geography including climatology, geomorphology, and marine geography; commitment to undergraduate teaching and evidence of quality teaching; must demonstrate the potential for teaching excellence, the ability to contribute to the on-going development of the department, and possess interpersonal and communication skills sufficient to work effectively with a diverse array of students and colleagues.

Preferred: expertise in cartography and GIS, environmental geography, and familiarity with teacher training in geography. Review of applications begins 11/1/04 and continues until filled. Submit a cover letter, curriculum vitae, unofficial graduate transcripts, and three current letters of reference to the address below. SEP 04-134.

Apply: JOB CODE JIG-5870, Human Resources, Ferris State University, 420 Oak St., PRK-150, Big Rapids, MI 49307. Final candidate(s) will be required to furnish official college transcripts. For more information about Ferris, visit our web site at: www.ferris.edu. -an EEO/AA employer.

***MICHIGAN, DEARBORN 48128.** The Department of Natural Sciences at the University of Michigan-Dearborn invites applications for a new full-time tenure track assistant professor starting as early as January 2005. Applicants must have a Ph.D. in a geoscience or closely related field with expertise in Geographic Information Systems (GIS) and remote sensing. Teaching

experience preferred. The successful candidate must develop a research and service program in application of GIS to complement existing areas of expertise. The ability to teach and conduct research in fields such as geomorphology, glacial geology or surface water hydrology would be beneficial. For more information see <http://casl.umd.umich.edu/natsci/>. Send letter of application including statement of teaching philosophy and research plan, CV and names of three references to the address below. SEP 04-122.

Apply: Search Committee Chair, Department of Natural Sciences, University of Michigan, 4901 Evergreen Rd., Dearborn, MI 48128. Review of applications will begin August 15th, 2004. For more information see <http://casl.umd.umich.edu/natsci/> The University of Michigan-Dearborn is dedicated to the goal of building a culturally diverse and pluralistic faculty committed to teaching and working in a multicultural environment, and strongly encourages applications from minorities and women.

***MINNESOTA, MANKATO 56001-6026.** Minnesota State University Department of Geography invites applications for a **tenure-track Assistant Professorship** in Geography specializing in **Remote Sensing**, beginning either January or August, 2005 (negotiable). Required: Ph.D. (ABD considered); doctoral or master's degree in Geography or cognate field; ability to teach undergraduate and graduate courses in remote sensing of the physical or human environment; demonstrated research and teaching potential; ability to work with diverse populations. Other considerations: ability to teach GPS based mapping, GIS, spatial statistics, advanced cartography, air photo interpretation, introductory level geography, and advanced courses in a geographic specialty (systematic or regional topic(s)); 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 September 30 and will continue until position is filled. Submit letter of application, curriculum vitae with names, addresses and telephone numbers of three references, official transcripts, teaching evaluations and examples of research to the address below. SEP 04-133.

Apply: Search Committee Chair, Department of Geography, Minnesota State University,

Salem
STATE COLLEGE



Tenure Track Geography Faculty

The Department of Geography at Salem State College is seeking a tenure track faculty member for the fall of 2005. Required is ABD status in Geography or a related field and college teaching experience. Preferred is a Ph.D. in Geography or a related field with specialization in Resource Geography, as well as applied geosciences and a regional interest. In addition, we prefer candidates with experience in and commitment to teaching in a multiracial, multiethnic environment with students of diverse backgrounds and learning styles, as well as in distance learning and instructional technologies, and candidates who enjoy serving as role models and mentors for a diverse student body. Salaries are competitive and commensurate with education and experience. Advertised subject to available funding.

Application review will begin immediately and continue until an adequate pool is achieved. To apply, send letter of application specifying department, reference number, and position for which you are applying, resume, appropriate transcripts and three letters of reference to: **Office of Human Resources & Equal Opportunity**, Salem State College, 352 Lafayette Street, Salem, MA 01970; Fax: (978) 542-6163; E-Mail: eo-hr@salemstate.edu (Word or Word Perfect)

Refer to: **05-AA-F-GEO-RES**

SALEM STATE COLLEGE IS AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER. PERSONS OF COLOR, WOMEN AND PERSONS WITH DISABILITIES ARE STRONGLY URGED TO APPLY.

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.

***MINNESOTA, ST. PAUL 55105.** The Macalester College Geography Department invites applications for a tenure-track position in **Cartography/GIS at the assistant professor level** to begin Fall 2005. Candidates must have a PhD in Geography. The successful candidate will be expected to teach introductory and advanced level courses in GIS and an additional course in the candidate's specialty. The successful candidate will also be expected to contribute to the broader College curriculum by offering courses that support the First-Year Seminar program and/or interdisciplinary programs such as Urban Studies, International Studies and Environmental Studies.

We seek applicants who are committed to excellence in teaching and research in a liberal arts setting. We are especially interested in candidates committed to advancing the College's mission of educational excellence with a special emphasis on multiculturalism, internationalism, and civic engagement. We strongly encourage applications from women and minority candidates. Send letter of application, CV, three letters of reference, examples of recent professional work, pedagogical statement, statement of research interests, and student evaluations to the address below. SEP 04-105.

Apply: Dr. David A. Lanegan, Chair, Geography Department, Macalester College, 1600 Grand Avenue. St. Paul, MN 55105. Applications received by 15 October 2004 will receive first consideration.

Macalester College is a selective, private liberal arts college in the Minneapolis-St. Paul metropolitan area. Our urban location provides numerous opportunities for teaching and research collaborations with local businesses, public agencies and community organizations. The College enrolls approximately 1800 students from almost all 50 states and approximately 80 countries. Macalester is an Equal Opportunity/Affirmative Action employer and is committed to diversity. The College prides itself on providing support for excellence in teaching and in faculty scholarship. We are especially interested in candidates committed to working with students of diverse backgrounds. Successful candidates will be expected to pursue rich research programs as well as to help sustain, as appropriate, the College's emphases on multiculturalism, internationalism, and service.

***MISSISSIPPI, CLEVELAND, 38733.** The Division of Social Sciences, Delta State University, invites applications for an **Instructor of Social Science Education** for a one-year teaching appointment starting August 2004. Candidate must be able to teach secondary social studies methods as well as geography, and direct student-teaching. Teaching load is 3 courses per semester. Ph.D. or ABD in Geography or related social science; minimum of 18 graduate hours in geography required. Preference given to applicants with secondary school teaching experience. Interested persons should send letter of application, transcripts, curriculum vitae, and three letters of reference to Dr. Albert B. Nylander, III, Chair, Division of Social Sciences, Delta State University, Cleveland, Mississippi 38733. Minority candidates are strongly encouraged to apply. Please direct inquiries to [anylandr@deltastate.edu](mailto:nylandr@deltastate.edu) or 662-846-4065. Review of applications will begin immediately and will continue until position is filled. SEP 04-117.

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

Apply to: David Wishart, Chair of the Search Committee, Department of Anthropology and Geography, University of Nebraska-Lincoln, Lincoln, Nebraska 68588-0368. The University of Nebraska is committed to a pluralistic campus community through affirmative action and equal opportunity and is responsive to the needs of dual career couples. We assure reasonable accommodation under the Americans with

Disabilities Act; contact Barbara Trail at (402)472-7934 for assistance.

***NEW JERSEY, MONTCLAIR 07043.** Montclair State University invites applications for Director of its interdisciplinary Doctorate in Environmental Management. This position holds faculty appointment within the Department of Earth and Environmental Studies. Duties include recruitment, admissions, and advising, and allows administrative and research release time. The successful candidate is expected to maintain an active, funded research program, and be willing to teach relevant courses within the department and doctoral program.

Rank and field open, with preference for a candidate capable of merging relevant disciplines within environmental management and a research area aligned with one or more of the department's strengths in environmental modeling, urban/metropolitan studies, coastal/marine studies, environmental geology, natural resource management, and global environmental change. Candidates must have a record of excellence in scholarly publications, teaching, and service; academic leadership experience; and doctoral faculty and advisor experience. A complete listing of job requirements, qualifications, and application procedures, as well as information about the Earth & Environmental Studies Department and Environmental Management doctoral program can be found at <http://www.csam.montclair.edu/earth/eesweb/>. SEP 04-137.

Apply to Dr. Robert Taylor, Search Committee Chair, taylorr@mail.montclair.edu, Dept. of Earth & Environmental Studies, Montclair State University, Montclair, NJ 07043. Review of applications will begin immediately and continue until the position is filled, for a potential start as early as January 2005. Montclair State University is an Equal Opportunity/Affirmative Action Employer. Qualified women, minorities, and individuals with disabilities are encouraged to apply.

***NEW YORK, BRONX 10468-1589.** Lehman College, The City University of New York (CUNY). The Department of Environmental, Geographic and Geological Sciences invites applications for a **tenure-track Assistant/Associate Professor position in geography** starting September 1, 2005.

The successful candidate is expected to play a leading role in developing educational and research programs in physical geography and environmental science and work closely with experts in environmental science, planning, public policy and health sciences at Lehman College,

within the CUNY system, and in the New York metropolitan region. The new hire will teach introductory courses in physical geography and environmental science as well as advanced courses in one of more of the following areas: hydrology, environmental modeling, medical geography, meteorology, and climatology. He/she is also expected to develop and maintain an active research program in her/his area(s) of specialization and supervise graduate students at Lehman College and in the CUNY Ph.D. Program in Earth and Environmental Sciences.

We are particularly interested in candidates with a clear research focus on hydrological sciences, air quality issues or medical geography. A Ph.D. in geography or a closely related field and a strong commitment to undergraduate teaching are required. Evidence of effective teaching, a record of scholarly research, and high potential of external funding are very important. A strong background in quantitative methods is expected. Basic knowledge in geographic information science and competent skills in the innovative use of geographic information technologies in teaching and research are desirable. Appointment rank and salary commensurate with qualifications and experience. Assistant Professor \$45,163 - \$65,388, Associate Professor \$53,455 - \$77,529

To apply, send a letter of application, a statement of teaching and research interests, curriculum vitae, reprints of representative publications, and the contact information of three references to the address below. SEP 04-116.

Apply: Professor Zong-Guo Xia, Chair, Department of Environmental, Geographic and Geological Sciences, Lehman College, CUNY, 250 Bedford Park Boulevard West, Bronx, New York 10468-1589. For additional information, please contact Professor Xia by phone at (718) 960 - 8683 or email at zxia@lehman.cuny.edu. Lehman College/CUNY is a EEO/ AA/ IRCA/ADA Employer.

***NEW YORK, SYRACUSE 13244.** Syracuse University. The Department of Geography invites applications for a tenure-track position in **Environmental Geography** at the rank of **Assistant Professor**, effective Fall 2005. PhD in geography required at time of appointment. Demonstrated excellence in publishing and teaching, as well as a firmly established research program are essential.

The Department seeks to hire a scholar with interests in society-environment relations who can complement and deepen the Department's existing strengths in both historical and environmental geography. The successful candidate must

be able to teach courses in both historical and environmental geography. A research focus on the history of conservation, environmental governance and thought, and a regional focus in North America are particularly desirable.

Normal teaching responsibility is two courses per semester. The successful candidate will share in the teaching of introductory environmental geography courses, and will teach upper division and graduate courses in her/his areas of expertise. The successful candidate will be expected to teach and advise in the department at both the graduate and undergraduate levels.

The Syracuse University Department of Geography and the Maxwell School provide ample opportunities for interdisciplinary collaboration. The Department is affiliated with Maxwell School programs in Environmental Policy and Administration, Global Affairs, and the Analysis and Resolution of Conflicts, as well as the University-wide ENSPIRE (Environmental Strategic Partnership for Innovative Research and Education). Opportunities to collaborate with the faculty of the State University of New York's College of Environmental Science and Forestry are also available.

The department is committed to increasing the diversity of its faculty and especially welcomes applications from women, racial/ethnic minorities, and persons with disabilities.

Further information on the department is available at <http://www.maxwell.syr.edu/geo/>.

Send a letter of application outlining research agenda and teaching philosophy and interests, a curriculum vitae, and three letters of recommendation by October 15, 2004 to the address below. SEP 04-130a.

Apply: Professor Tod Rutherford, Chair, Environmental Geography Search Committee, Department of Geography, 144 Eggers Hall. Professor Rutherford may also be reached by fax at 315-443-4227, by telephone at 315-443-2605, and by email at geo-inquiry@maxwell.syr.edu.

Syracuse University is an Affirmative Action/Equal Opportunity Employer.

***NEW YORK, SYRACUSE, 13244-1020.** Syracuse University. The Department of Geography invites applications for a full-time tenure track position in **Quantitative Physical Geography**. The position is **open rank**, and will begin in Fall 2005. Ph.D. required, although a doctoral candidate could be appointed contingent upon completion of the Ph.D. by the time of appointment.

We seek a physical geographer with research interests in geographic information science (including remote sensing) or landscape modeling.

The successful candidate will contribute to an existing emphasis within the department on landscape dynamics, and will teach courses in geographic information systems, quantitative methods, and his/her area of expertise. Normal teaching responsibility is two courses per semester. A record of excellence in publishing, teaching, and advising, and a demonstrated ability to secure external funding is expected for appointment with tenure at the Associate or Full Professor ranks.

Syracuse University has made a commitment to expanding and increasing the stature of the physical geography program. A new physical geography research lab has just been constructed and our Geographic Information and Analysis laboratory has been recently upgraded. There are numerous opportunities for collaboration with physical, environmental, and social scientists in the Maxwell School, across the University, and with researchers at the State University of New York's College of Environmental Science and Forestry.

Further information on the department is available at <http://www.maxwell.syr.edu/geo/>.

The department is committed to increasing the diversity of its faculty and especially welcomes applications from women, racial/ethnic minorities, and persons with disabilities.

Send a letter of application outlining research agenda and teaching philosophy and interests, curriculum vitae, and three letters of recommendation by October 10, 2004 to the address below. SEP 04-130b.

Apply: Professor Mark Monmonier, Chair, Physical Geography Search Committee, Department of Geography, 144 Eggers Hall. Professor Monmonier may also be reached by fax at 315-443-4227, by telephone at 315-443-2605, and by email at geo-inquiry@maxwell.syr.edu

Syracuse University is an Affirmative Action/Equal Opportunity Employer.

OKLAHOMA, LAWTON. Cameron University. Assistant Professor—Department of History and Government. Position: **Temporary Assistant Professor** (one-year appointment) teaching **Geography** beginning August 2004. Minimum qualifications: ABD in Geography. Preferred qualifications: PhD in Geography. Salary range: commensurate with background and experience. Institution: Cameron University (<http://www.cameron.edu/>) is a state-supported regional institution located in Lawton, Oklahoma. Application Procedure: Send letter of application, vita, transcripts, three letters of recommendation, and evidence of scholarship and teaching success to the address below. Deadline: June 30, 2004. For more information see our full advertisement at

HigherEdJobs.com. Job opening #: 0304F031 JOB#: F237. AUG 04-93.

Apply to: Corlis McPhaul/Cameron University 2800 West Gore Blvd. Lawton, OK 73505-6377. Phone: (580) 581-2245; fax: (580) 581-5560, TDD: (580) 581-2518.

Cameron University is an AA/EOE.

***PENNSYLVANIA, SHIPPENSBURG 17257-2299. Assistant Professor.** Tenure track position beginning August 2005. The Geography-Earth Science Department seeks a broadly trained **human geographer** with expertise in environmental land use planning, urban and regional planning, or closely related fields. Teaching responsibilities will be a combination of advanced undergraduate or graduate courses in the candidate's area of specialization and general education courses such as World Regional Geography. The successful applicant will join a department with a strong tradition of community service, and a willingness to incorporate these activities into the candidate's teaching and/or research is required. Preference will be given to candidates with a documented commitment to undergraduate teaching. A demonstration of teaching effectiveness will be required as part of the interview process. A Ph.D. from an accredited institution is required for tenure. At least one higher degree must be in Geography. Doctorate preferred, but ABD will be considered. Qualified candidates should send a completed application including a letter of interest, curriculum vitae, official undergraduate and graduate transcripts, along with three letters of reference by November 15, 2004 to the address below. SEP 04-127.

Apply: Dr. John Benhart, Chair, Department of Geography and Earth Science, Shippensburg University of Pennsylvania, 1871 Old Main Drive, Shippensburg, PA 17257-2299. Phone: (717) 477-1685. Fax: (717) 477-4029. Shippensburg University is an Equal Opportunity Employer.

***RHODE ISLAND, PROVIDENCE 02906. Postdoctoral Researcher.** The Global Environment Program at Brown University's Watson Institute for International Studies invites applications to join the **Middle East Environmental Futures Project (MEEF)**, a multinational, interdisciplinary environmental research effort bringing together over 40 environmental scholars and NGO officials from Israel, Palestine and North America. MEEF integrates natural science and social science approaches to understanding and resolving environmental problems in Israel and Palestine. Our research team includes environmental scientists, geographers, anthropologists, hydrologists,

sociologists, epidemiologists and others from approximately 10 academic institutions and NGOs in the Middle East and North America.

The position's main responsibilities are: conducting independent research and helping coordinate the research efforts of several groups that are functioning within the MEEF framework; supervising data collection and integration; representing the project to policymakers and the general public; and assist in recruiting continued funding for the project.

The position requires: PhD with environmental focus; research experience in environmental issues in Israel and Palestine; understanding of interdisciplinary approaches to environmental problem solving; and a publication record in at least one of the following disciplines: geography, environmental sciences/studies, ecology, hydrology, quantitative sociology, economics, epidemiology and public/community health, or natural resource sciences; working knowledge of Arabic and/or Hebrew; and the ability to work with a diverse group of academics.

Salary: \$37,500/yr (including health benefits). Review of applications will begin September 7, 2004 and will continue until the position is filled. Desired starting date: October 2004. Brown University is an equal opportunity employer. SEP 04-136.

To apply, send (1) a CV, (2) statement of research and professional goals, (3) a writing sample (preferably a published article with environmental policy relevance) and (4) the names and contact information of three individuals willing to provide letters of reference to Deborah_Healey@brown.edu. For more information on the MEEF project, see www.watsoninstitute.org/meef.

***SOUTH CAROLINA, CHARLESTON 29424.** College of Charleston. The Department of Political Science seeks applicants for a tenure track position at the **Assistant Professor** level to begin August 2005. The successful candidate must possess a PhD in Geography or related field at the time of appointment. The candidate will have teaching and advising responsibilities in the College's interdisciplinary Master of Environmental Studies program (<http://www.cofc.edu/~environ>) and will be expected to teach in the undergraduate program in Political Science and contribute to the development of an undergraduate minor in Geography (www.polisci.cofc.edu). The normal teaching load is nine contact hours per semester with advising and research development activities. We are seeking candidates with some combination of **teaching and research interests in urban geography, urban policy and**

planning, land use planning and resource management, growth management, and human-environment relationships. The ability to teach classes in environmental policy with a focus on case studies would be an advantage; so too introductory classes in GIS. Please submit cover letter, curriculum vitae, copies of graduate transcripts, statement of teaching and research interests, evidence of teaching effectiveness (including copies of course syllabi and teaching evaluations), and examples of scholarly work to the address below. SEP 04-110.

Apply: Dr. Jack Parson, Department of Political Science, 66 George Street, College of Charleston, Charleston, SC 29424. Review of applications will begin October 15, 2004 and continue until the position is filled. The College of Charleston is an Equal Opportunity/Affirmative Action Employer. Women and minorities are strongly encouraged to apply.

***SOUTH CAROLINA, COLUMBIA 29208.** University of South Carolina. The Department of Geography invites applications for **three tenure track assistant professor positions** to begin August 2005. One of the positions is available at either the assistant or associate professor rank based on the qualifications and credentials of the candidate. For one position we are seeking candidates with a specialization in contemporary **Cultural Geography**. We are particularly interested in candidates with a regional specialty in Latin America or the Middle East. Candidates for a second position should have expertise in **Biogeography**. Candidates for this position should demonstrate a thorough knowledge of important physical and environmental processes. Candidates for the third position should specialize in **economic analysis of environmental resources or issues**. We are seeking candidates who couple broad analytical capability with interest and skill in contributing to interdisciplinary research teams. Candidates for all positions should have demonstrated excellence in research and teaching. A Ph.D. in geography or closely allied discipline is required at the time of appointment. Successful candidates will join a 19-member department that offers bachelors, masters, and PhD programs in integrative geography. The department will begin initial screening processes for these positions on October 15, 2004. The search process will continue until the position is filled. To apply, send letter of application, curriculum vitae, and the names and addresses (including e-mail addresses) of three referees to the address below. E-mail applications accepted. SEP 04-115.

Applications for the cultural geographer position should be sent to Dr. William L. Graf, E-mail

graf@sc.edu. Applications for the biogeographer position should be sent to Dr. Susan Cutter, E-mail scutter@sc.edu. Applications for the economics and environment position should be sent to Dr. Kirstin Dow, E-mail KDow@sc.edu. For additional information, visit our departmental web site at www.cla.sc.edu/geog. Voice 803-777-5234; fax 803-777-4972. The University of South Carolina is an Equal Opportunity/Affirmative Action Employer.

***TEXAS, SAN MARCOS 78666-4616.** Texas State University-San Marcos (formerly Southwest Texas State University) invites nominations and applications for the position of **Chair, Department of Geography**.

Position: The chair is the chief academic, administrative and fiscal officer of the department, including a broad range of responsibilities and roles associated with these general duties. For more information about these functions of department chairs at Texas State, visit www.txstate.edu/academicaffairs/pps/1.10.html. The chair has a 12-month appointment. Nationally competitive salary and teaching load are negotiable.

Department: The Department of Geography, the largest in the U.S., currently has 29 faculty members and offers a BA, BS, Master of Applied Geography, MS, and PhD in Geography with doctoral specializations in environmental geography, geographic education, and geographic information science. Integral to the department are three nationally recognized research centers: The James and Marilyn Lovell Center for Environmental Geography and Hazards Research, The Gilbert M. Grosvenor Center for Geographic Education, and The Texas Center for Geographic Information Science. Grant and contract funding has exceeded \$12 million in the past five years.

Additional information about the department is available at www.geo.txstate.edu/.

University: Texas State is a doctoral granting university located in the burgeoning Austin-San Antonio corridor, the largest campus in the Texas State University System, and the 6th largest in the state. Texas State is a diverse campus community that enrolls more than 26,300 students and employs more than 662 full-time faculty. The Alkek Library has over 3.4 million pieces in its collection, including more than 1,257,000 titles.

Additional information about the university and its nationally recognized academic programs is available at www.txstate.edu.

Required Qualifications: 1) earned doctorate; 2) record of significant accomplishment in research, teaching, external funding, and service

appropriate for appointment at the rank of tenured Associate Professor or Professor in the Department of Geography; and 3) administrative experience.

Preferred Qualifications: 1) earned doctorate in a geographic specialization; 2) research agenda in a geographic specialization; 3) strong leadership qualities, abilities, and experience consistent with managing a complex academic department; 4) commitment to and knowledge of the multiple missions of a doctoral-granting department; 5) demonstrated ability in academic strategic planning, program review and assessment; 6) commitment to teaching excellence at the undergraduate and graduate levels; 7) demonstrated success in resource development that includes encouraging and supporting faculty and staff in their quest for external funding; 8) demonstrated success in academic program development; 9) demonstrated success in faculty support and development; 10) commitment to diversity; and 11) effective interpersonal skills.

Application: Review of applications will begin October 1, 2004. All applications will be held in strict confidence and will be accepted until the position is filled, but applicants are strongly encouraged to submit materials before the review of applicants begins. Applicants are encouraged to submit application materials electronically, using Microsoft Word doc or rtf, or pdf files. Nominations or letters of application, a curriculum vitae, and contact information (including telephone numbers and email addresses) for three references should be sent to the address below. SEP 04-94.

Apply: Dr. Gene Bourgeois, Chair, Department of Geography Chair Search Committee, Department of History, Texas State University-San Marcos, 601 University Drive, San Marcos, TX 78666-4616. Fax: 512.245.3043. eb04@txstate.edu.

Texas State University-San Marcos is an equal opportunity educational institution and as such does not discriminate on grounds of race, color, creed or religion, sex, national origin, age, physical or mental disabilities, or status as a disabled or Vietnam era veteran. Texas State is committed to increasing the number of women and minorities in faculty and senior administrative positions. Texas State University-San Marcos is a member of the Texas State University System.

***VIRGINIA, NORFOLK 23529-0088.** Old Dominion University invites applications for a tenure-track **Assistant Professor specializing in GIS** beginning August 1, 2005. Ph.D. in Geography or related field must be completed by August

1, 2005. Candidates should be able to expand a program in Geographic Information Systems and teach courses in GIS, and cartography, and research methods. The successful candidate will contribute to meeting demands of a growing certificate program and play a strategic role in developing a graduate degree. Research interests in broader social science research and vigorous external funding are desirable. Send letter of application, curriculum vitae, teaching evaluations, transcripts, and names and phone numbers of three references to the address below. SEP 04-124.

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 applicants will begin October 1, 2004 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.

***WASHINGTON, BREMERTON. Geography Faculty – Temporary.** We are currently seeking a dynamic instructor to fill a one-year, temporary teaching faculty position in Geography, beginning Fall Quarter 2004. The position is in the Division of Mathematics, Engineering, Sciences and Health Occupations at Olympic College in Bremerton, WA.

Master's degree in Geography or related field. Environmental or Earth Sciences studies required. Successful experience teaching courses in Geography preferred. Community college teaching and experience with educational technologies desired.

Applications material required: Olympic College Application; Letter of application; Resume; and Unofficial copies of college transcripts. SEP 04-97.

Position is open until filled. Please visit our web-site at www.oc.ctc.edu for full job announcement.

***WISCONSIN, OSHKOSH 54901-8642.** The Department of Geography & Urban Planning at the University of Wisconsin Oshkosh is **seeking two tenure-track Assistant Professors** beginning September 2005.

Position 1: Physical Geographer with expertise in geomorphology, hydrology, biogeography, soils, and/or environmental geography to teach introductory courses in Physical Geography (Weather & Climate or Landforms & Soils) and upper-level undergraduate courses that reflect departmental needs and candidate's professional expertise.

Position 2: Human Geographer with expertise in urban, gender, and/or political geography. A

regional specialty in Latin America is desirable. Teach World Regional Geography, introductory Human Geography, and upper-level undergraduate courses that reflect departmental needs and candidate's professional expertise.

Preference given to candidates with a record of excellence in teaching and scholarship. The successful candidates will be expected to maintain an active research record, pursue extramural funding, and provide student advising. Ph.D. in Geography or related discipline required at time of appointment.

Send letter of application, CV, transcripts, three letters of recommendation, and evidence of teaching and research quality to the address below. SEP 04-102.

Apply: Chair, Personnel Committee, Department of Geography & Urban Planning, University of Wisconsin Oshkosh, Oshkosh, WI 54901. Phone: 920-424-4105. Fax: 920-424-0292. Application deadline: October 29, 2004. Women and minorities encouraged to apply. AA/EOE.

INTERNATIONAL

***CANADA, BRITISH COLUMBIA, BURNABY V5A 1S6.** The Department of Geography at Simon Fraser University seeks to appoint an **Assistant Professor in Cultural Geography**. This position is a tenure-track appointment starting September 1, 2005. Applicants must have a Ph.D. by time of appointment.

All applicants should have demonstrated expertise in cultural geography, and draw upon contemporary social theory as part of an empirical research agenda. The ideal candidate will focus on geographical aspects of one or more of: ethnicity, religion, class and/or gender; transnationalism and multiculturalism; social justice; and the cultural dimensions of the economy. Teaching responsibilities may include undergraduate courses in the Society & Culture stream and a graduate course in cultural geography.

Applicants should forward a curriculum vitae, statement of research interests and career goals, and reprint or sample of research writing to the address below. SEP 04-111.

Apply: Dr. Alex Clapp, Chair, Appointments Committee, Department of Geography, Simon Fraser University, Burnaby, British Columbia, Canada V5A 1S6. They should also arrange for three confidential letters of reference to be sent to the Chair under separate cover. The deadline for all materials is October 25, 2004. For additional information see www.sfu.ca/geography.

All qualified candidates are encouraged to apply; however, Canadian citizens and perma-

nent residents will be given priority. Simon Fraser University is committed to employment equity and encourages applications from all qualified persons. The position is subject to final budgetary approval.

***CANADA, BRITISH COLUMBIA, BURNABY V5A 1S6.** The Department of Geography at Simon Fraser University seeks to appoint an **Assistant Professor in Geomorphology**. The ideal candidate will have a field-based research program focusing on coastal or fluvial environments and processes. This position is a tenure-track appointment starting September 1, 2005. Applicants must have a Ph.D. at the time of appointment, and will be expected to develop an independently funded research program. Teaching responsibilities may include undergraduate and graduate courses in geomorphology, field methods, and physical geography.

Please submit your curriculum vitae, a brief description of your research interests and career goals, and a sample publication to the address below. SEP 04-112.

Apply: Dr. Alex Clapp, Chair, Appointments Committee, Department of Geography, Simon Fraser University, Burnaby, British Columbia, Canada V5A 1S6. Applicants should arrange for three confidential letters of reference to be sent to the Chair under separate cover. The deadline for all materials is October 4, 2004. For additional information see www.sfu.ca/geography.

All qualified candidates are encouraged to apply; however, Canadian citizens and permanent residents will be given priority. Simon Fraser University is committed to employment equity and encourages applications from all qualified persons. The position is subject to final budgetary approval.

CANADA, ONTARIO, KINGSTON K7L 3N6. Queen's University's Department of Geography welcomes inquires from excellent scholars and teachers who wish to be considered for appointment under the **Queen's National Scholar (QNS) Program**.

A maximum of four QNS positions will be available for the 2004/05 in the areas of Humanities, Social Sciences, and Health. The Department of Geography is eligible to nominate candidates for one of these positions, and will consider applications from **candidates in any field of Geography**. Appointments will be either tenure-track or special shorter-term appointments.

The QNS Program serves to enrich teaching and research in newly developing fields of

knowledge as well as traditional disciplines. The main criterion for appointment is academic excellence. Preferences will be given to scholars in early or mid-career. Another objective is to provide an opportunity to improve the proportion of women and members of designated minorities on faculty. The University invites applications from all qualified individuals. Queen's is committed to employment equity and diversity in the workplace and welcomes applications from women, visible minorities, aboriginal people, persons with disabilities, and persons of any sexual orientation or gender identity.

Before submitting a formal application, prospective candidates may wish to contact the Head of Department, Professor Anne Godlewski, for further information godlewsk@post.queensu.ca. Applications should be sent to the address below. AUG 04-88.

Apply: Head of Department, Department of Geography, Queen's University, Kingston, ON, K7L 3N6. Applications should include a curriculum vitae, statements of current and prospective research interests and teaching experience or potential and no more than three off-prints. Applications should also supply information concerning any interruptions in their academic careers or other factors that may have affected their capacity to complete scholarly work. Letters from at least three referees should be sent directly to the address above. The deadline for receipt of applications, including letters of reference, is October 8, 2004, for decision in January 2005.

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

Academic staff at Queen's University are governed by a collective agreement, the details of which are posted at www.queensu.ca/qufa.

CHINA, HONG KONG. Dean of the Faculty of Arts. Founded in 1911, the University of Hong Kong is a pre-eminent international university committed to sustaining and enhancing its excellence through outstanding teaching and world-class research. The University has over 20,000 undergraduate and postgraduate students, and more than 1,000 academic staff affiliated with ten faculties (Arts, Architecture, Business & Economics, Dentistry, Education, Engineering, Law, Medicine, Science and Social Sciences) and sub-divisions of studies and learning. Applications and nominations are now invited for the position of Dean of the Faculty of Arts which will be filled full-time, on a five-year contract commencing January 1, 2005, with the possibility of renewal. A highly

competitive remuneration package commensurate with the appointee's qualifications and experience will be offered.

THE ROLE: Provide strong leadership to position the Faculty as one of the leading centres of humanities in the region and internationally; Further the mission of the Faculty, foster academic collaboration and promote visibility of the work of the Faculty; and Take a leading role in developing and implementing fund-raising strategies

THE QUALIFICATIONS: A substantial and successful record of scholarship and teaching in humanities; A commitment to excellence in Arts education and research, and a vision for developing humanities in a diverse society; Excellent interpersonal, communication and team-building skills; and Proven experience in administration, resource management and fund-raising.

Interested parties can apply in writing or via e-mail (hku@kornferry.com) by sending a full academic cv together with a cover letter. Please quote the reference "HKU-Dean" and submit the application/nomination to the address below. AUG 04-91.

Apply: Korn/Ferry International (Hong Kong) Limited, 2102-06 Gloucester Tower, The Landmark, Central, Hong Kong (fax: (852) 2810 1632). Further details about the Faculty of Arts are available at <http://facarts.hku.hk>, and further details about the post at <https://extranet.hku.hk/apptunit/dean-arts>. Review of applications will begin from June 14, 2004 until the position is filled. Information obtained will be used for employment purposes.

***MEXICO, DISTRITO FEDERAL 06600.** CIMMYT invites applications for two positions in its new research program "Targeting Opportunities for Enhanced Impact." This program serves as the focal point for a range of strategic research and knowledge management activities designed to enhance CIMMYT's impact as a leader and catalyst in a global innovation network: monitoring trends in world cereals markets and anticipating future technology needs for maize and wheat production; setting research priorities across the Center and ensuring that CIMMYT's research portfolio has a strong anti-poverty orientation; analyzing the efficiency and cost-effectiveness of research methods used at CIMMYT; gauging the effectiveness of collaboration arrangements used by CIMMYT and its partners; tracking adoption of improved technologies and assessing impacts; designing pro-poor policy interventions; and coordinating CIMMYT's advocacy work.

The Poverty Analysis Specialist provides in-house capacity to analyze and understand the agriculture-food-poverty nexus. Drawing on

expertise available in other organizations that specialize in poverty research, he/she contributes to the development of innovative methods and approaches for defining and measuring rural poverty in developing countries; conducts research designed to show how science-based interventions in maize- and wheat-based farming systems can help provide pathways out of poverty; and works with CIMMYT management and research staff to ensure that CIMMYT's technology design, development, and dissemination activities have a strong pro-poor orientation. He/she communicates to partners and stakeholders how the work of CIMMYT contributes to poverty alleviation, and identifies and links with organizations and individuals that can help CIMMYT work more effectively to benefit the poor.

The **Impacts Targeting and Assessment** leads CIMMYT's impact assessment activities and ensures that the impact assessment research carried out by CIMMYT and its partners conforms to the highest standards of professional excellence. He/she conducts research on factors affecting the adoption and diffusion of improved agricultural technologies; documents how the adoption of improved agricultural technologies contributes to CIMMYT's mission; and contributes to the development of innovative methods and approaches for analyzing technology adoption, diffusion, and impacts. He/she participates in priority setting activities to ensure that the Center's technology design, development, and dissemination activities contribute effectively to CIMMYT's mission; and works with CIMMYT management and research staff to promote an impact assessment culture throughout the organization.

Both positions are based at CIMMYT's Mexico office and report to the Program Director. CIMMYT seeks experienced professionals with the following qualifications: Ph.D. in relevant field (e.g., agricultural economics, economics, anthropology, sociology, human ecology, geographic information systems). Post PhD experience is desirable; Strong research and publication record; Excellent communication skills in written and spoken English. Knowledge of other languages of relevance to CIMMYT would be an asset; Ability to work effectively as a member of an interdisciplinary, multicultural team; and Experience in developing country agriculture.

CIMMYT is affiliated with the Consultative Group on International Agricultural Research (CGIAR) (www.cgiar.org). CIMMYT's mission is to help the poor in the developing world by creating, sharing, and using knowledge and technology to increase food security, improve the productivi-

ty and profitability of farming systems, and sustain natural resources. CIMMYT has an annual budget of US\$40 million and employs 700 staff. CIMMYT is an equal-opportunity employer that not only strives for staff diversity in gender and nationality but also seeks actively to accommodate the needs of dual-career couples. Salaries of internationally recruited staff are paid in US dollars. Benefits include housing allowance, life and health insurance, annual medical examination, shipping allowance, on-site childcare and medical services, and an education allowance (from KG to Grade 12). The CIMMYT campus has recreational and sports facilities and offers transportation to international schools in Mexico City. Good housing is available on and off campus.

To apply, please send a letter of application indicating the position(s) for which you wish to be considered; your recent curriculum vitae including, address and fax number; and the names and contact details of three references to the address below by August 15, 2004 (Position Ref. 2004/010). For technical information regarding this position, please contact Dr. Mauricio Bellon, Leader, Social Science Group (m.bellon@cgiar.org). SEP 04-129.

Apply: Human Resources Manager, (Reference 2004/10), CIMMYT, Int., Apdo. Postal 6-641, Mexico, D.F. 06600, MEXICO. Phone: (+52) 55-5804-2004. Fax: (+52) 55-5804-7558. Email: jobs-cimmyt@cgiar.org or jobs@cimmyt.exch.cgiar.org.

***TAIWAN, TAIPEI.** The Department of Geography at the National Taiwan Normal University invites applications for a tenure track position at the **Assistant Professor** (or higher) level. We seek **three outstanding candidates** (preferably under 45) who will contribute to the Department's teaching and research in three fields, namely: 1. **Human Geography or Regional Geography**, better specialized also in Tourism/Recreation Geography.; 2. **Climatology**, better specialized also in Environmental Science.; 3. **Biogeography and Nature Conservation**, better specialized also in Ecotourism.

The appointment will be effective 1 August 2005. The deadline for receipt of applications is 20 November 2004, and each application should include a copy of Ph.D. certificate, a copy of Identity Card, publications within the past 5 years, curriculum vitae, syllabi for intended teaching courses (4 courses, each within 500 words in Chinese with English titles). We encourage all qualified persons to apply. SEP 04-101-3.

Apply to: Miss. CHEN, Department of Geography, National Taiwan Normal University, Taipei City, Taiwan, Fax: (886)2-23691770. Email: t24016@cc.ntnu.edu.tw. ■

2004 SEPTEMBER

7-11. 6th International Conference on Geomorphology. Zaragoza, Spain. <http://wzar.unizar.es/actos/SEG/index.html>.

8-10. International Symposium on Earth Systems. Istanbul, Turkey. www.earth-system2004.org/default.asp.

8-11. **AAG Pacific Coast Division Meeting.** San Luis Obispo, CA. <http://cla.calpoly.edu/~jkeese/>.

9-12. British Cartographic Society's 41st Annual Symposium & Map Curators' Group Workshop. Durham, UK. www.cartography.org.uk/Pages/Latest/Durham1.html.

12-16. ASPRS Fall Conference. Images to Decisions: Remote Sensing Foundations for GIS Applications. Kansas City, MO. www.asprs.org/fall2004.

12-16. National States Geographic Information Council. Austin, TX. www.amrinc.net/nsgic/secure/2004annual.cfm.

13-14. Commercial Remote Sensing Industry Conference. Denver, CO. www.srinstitute.com/ApplicationFiles/web/WebFrame.cfm?web_id=257.

17-19. **Race/Ethnicity and Place Conference.** Howard University, Washington, DC. www.aag.org/meetings.

19-22. 2004 International Map Trade Association (Americas) Conference & Trade Show. Lake Buena Vista, FL. www.maptrade.org.

29. The Changing Meaning of Borders and Territoriality in the World Today. Temple University campus, PA. Contact Marilyn Silberfein at pawling@temple.edu.

29. 4th Annual Rocky Mountain Antique Map Fair. Denver, CO. www.RMMaps.org.

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, Sioux Falls. <http://geography.unco.edu/GPRM/>.

OCTOBER

1-3. Festival International de Géographie. Saint-Dié-de-Vosges, France. www.ville-saintdie.fr/default-accueil.html.

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.

6-9. NACIS 24th Annual Meeting. Portland, ME. www.nacis.org.

7-9. **AAG West Lakes Division Meeting.** Oshkosh, WI. www.geog.umn.edu/West_Lakes_AAG.

7-9. 15th Kenneth Nebenzahl, Jr., Lectures in the History of Cartography. Chicago, IL. Contact smithctr@newberry.org.

11-13. Spatial Cognition 2004. Bavaria, Germany. www.sfbtr8.uni-bremen.de/events.html.

13. InterGeo. Stuttgart, Germany. www.intergeo.de.

15-16. **AAG New England St. Lawrence Valley Division Meeting.** Portland, ME. Contact Cathleen McAnney 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.

8-9. 2004 Virginia GIS Conference. Roanoke, VA. www.rvarc.org/vagis.

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/annualmeeting/.

21-23. **AAG Southeastern Division Meeting.** Biloxi, MS. Contact Clifton Dixon at 601-266-4729 or c.dixon@usm.edu.

DECEMBER

3-4. Specialist Meeting on Spatial Webs. Santa Barbara, CA. www.ncgia.ucsb.edu/.

2005 JANUARY

23-26. First International Conference on Environmental Science and Technology. New Orleans, LA. www.AASci.org/conference.

FEBRUARY

3-4. 5th National Conference on Science, Policy and the Environment: Forecasting Environmental Changes. Washington, DC. www.ncseonline.org/NCSEconference/.

MARCH

6-9. GITA Annual Conference 28. Denver, CO. www.gita.org/events/annual/28/call.html.

16-20. Annual Meeting of the American Society for Environmental History. Houston, Texas. www.h-net.org/~environ/ASEH/conferences.html.

APRIL

5-9. **AAG 101st Annual Meeting.** Denver, CO. www.aag.org.

14-15. 36th Annual South Dakota State Geography Convention. Brookings, SD. www3.sdstate.edu/Academics/CollegeofArtsAndScience/Geography/Index.cfm.

14-17. Annual Meeting of the National Council on Public History. Kansas City, MO. www.ncph.org.

2006

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

2007

17-21 April. **AAG 103rd Annual Meeting.** San Francisco, CA. www.aag.org. ■

Come to Denver and Ski the Rockies!

The AAG's 2005 meeting in Denver provides a fantastic opportunity to ski the Rocky Mountains. Less than an hour and a half drive from the city on the west side of the Rockies, both downhill and cross-country skiing of exceptional quality awaits geographers attending the Denver meeting. Resorts like Breckenridge, Vail, Arapahoe Basin, Copper Mountain, and Winter Park boast many slopes, long runs, and both natural and man-made snow in abundance.

The weather in the mountains during April typically brings cold nights and days warm enough to ski in a light jacket, and occasionally in a t-shirt. It also provides clear mountain vistas and valleys of spring wildflowers.

Visit www.aag.org/annualmeetings/ for further information on special ski packages available for AAG attendees. ■



Photo by Dave Lebl. Courtesy of Copper Mountain Inc.

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