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Nelson Mandela Addresses the Durban IGU Regional Conference

Nelson Mandela, former prime minister of South Africa, Nobel Peace Prize recipient and noted statesperson, addressed the opening session of the Durban, South Africa IGU Regional Conference on 4 August 2002. Mandela visited the conference to receive the IGU's Planet and Humanity Medal. His largely spontaneous remarks, transcribed below, were welcomed warmly by the audience, which responded with a prolonged standing ovation.

"Madame President of the International Geographical Union, esteemed members of the International Geographical Union, international visitors, distinguished guests, ladies, and gentlemen. My grandchildren, including Dr. Ben Ngubane, the Minister of Arts, Culture, Science, and Technology, and Mike Sutcliffe there, keep reminding me that I have now lost power and influence and that I should remain with my grandchildren. I hope they will revise their opinion after this occasion, because a man who has lost power and influence cannot be honoured by such an organization!

It is with a special sense of humility that we stand here to receive the Planet and Humanity Medal. We are aware of how much correspondence and intervention it took to finally secure our presence here this afternoon. We need to indicate that the effort it entailed to finally conclude the discussions about our participation had nothing to do with an unwillingness to accept this prestigious award, or with an attitude of playing "hard to get," as the colloquial saying goes. We ourselves, as well as our office, long ago indicated to our Minister of Arts, Culture, Science, and Technology, that we would be extremely honoured to receive the award. But the vagaries of leaving official office and having to establish a home as an unemployed pensioner contributed to the



Mandela

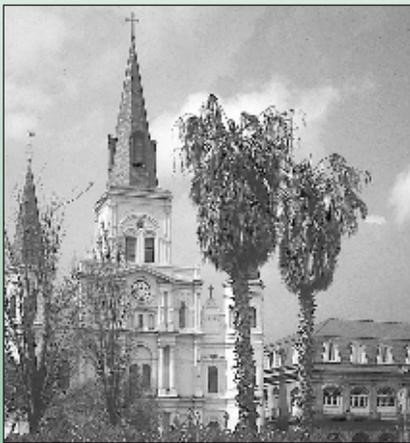
uncertainty of not knowing where and in what condition one would be when the event comes around at last. Employed people and those in office can never imagine how chaotically unscheduled the lives are of those who find themselves in the idleness of retirement and pension. We are very happy that out of that chaos, our office could contrive to have us here, at this most prestigious event and occasion.

I am a simple country boy, and I remain astounded and overawed by the awards and honors that people for some incomprehensible reason decide to bestow upon us. A colleague of mine often asks me how it is that I remember so distinctly people I have met, days on which events have occurred, and the details of occurrences. My consistent and truthful reply to him is the following: I am a simple country boy, unacquainted with all of these marvellous and strange things of the world. Every time I encounter people, things and events, they remain indelibly stuck on my overawed mind.

I left the country in April 1941, and many people may wonder why I call myself still a country boy. But although I left the country in 1941, the country has not left me. This visit will be such an occasion that I will never be able to forget, and it is furthermore an occasion that takes me back to concrete memories of, and present-day knowledge about my origins as a country boy.

When I go to the place and area of my birth, so often as I do, the changed geography of the place strikes me with a force that I cannot escape. And

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Saint Louis Cathedral, Jackson Square. Visit Jackson Square in the heart of the French Quarter, a former military parade grounds and marketplace that is now home to numerous artists who work and display there. Photo courtesy of Martha A. Works, Portland State University.

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Executive Director *Emeritus*: A Tribute to Ron Abler

A major chapter in the history of the AAG is drawing to a close this month, with the departure of Ron Abler as one of its longest-serving executive directors. During the past six months, Ron has been gradually disengaging from many functions at the AAG, and I have gradually been assuming some of these—a process of leadership mitosis that will result in this case not in a cloning, but in an evolution of the directorship that in many ways will closely resemble the past, yet still permit new possibilities. As this process of transition completes its course at the AAG this month, I'd like to pause to acknowledge in these pages the obvious, which is the tremendous contribution that Ron has made to geography and the AAG over the past thirteen years of his tenure as executive director.

We as geographers have had the great good fortune for over a decade to have had as our mate, leader, colleague, mediator, slave, and visionary an extraordinarily talented, hard-working, and committed friend in Ron Abler. Though I have counted Ron as a personal friend for many years, the unexpected circumstance of working jointly and closely with him for the past year and a half has been a rare and wonderful experience, one of those pleasures in life made all the more so by virtue of its unplanned and otherwise unanticipated occurrence. Ron has been everything one could hope for in a colleague: mentor, help-mate, co-strategist, intellectual sounding board, and friend.

Few of our members are in a position to fully appreciate the sheer amount of work involved in serving as executive director. For years Ron has successfully juggled the many competing demands of 7,000 members, the torrential rain of e-mail that falls upon the AAG, and the complex tasks of

organizing and managing multiple publications, meetings, and external relationships with those in government, other disciplines, the growing private sector of geography, and our many sister organizations. As the central office staffing and technology requirements change so do the management and technical challenges of the organization's leadership. While guarding traditions, Ron has been prescient in initiating change to address these areas as well. And with congenial good humor, he has steadfastly navigated the inevitable occasional storm or intemperate squall, always keeping the AAG moving forward and on course throughout.



Richardson

To me, one of Ron's most significant but perhaps less well understood long-term accomplishments as executive director has been to promote and sustain the breadth, unity, and diversity of geography in the United States during a decade of rapid change. Geography remains today one of the few disciplines that can meaningfully explore, within the tradition of a single discipline, essential questions of how the natural sciences, social sciences, and the humanities can interact and inform one another in the search for knowledge, explanation, and understanding through concerted intellectual activity. In part because my own past work, intellectual interests, and on-going sources of fascination with geography span so many sub-fields, I share with Ron a particularly strong commitment to ensuring that our efforts at the AAG sustain vibrant perspectives and adherents from across the full breadth of the discipline. As a result of these traditions, we in geography are in a unique position to contribute to the increased emphasis on integrative approaches to science and the arts. This is a

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Transitions . . .

As we begin a new year and begin to close in on our 2004 Centennial Celebration I want to reflect briefly on a few transitions that will affect the Association of American Geographers (AAG). In particular, I would like to focus on transitions in leadership and changes in directions the Association may take.

The new year brings with it a new Executive Director for our organization. For more than 13 years, Ron Abler performed an outstanding job as Executive Director of the AAG. During Ron's tenure our organization's membership grew and its influence increased on numerous fronts. New partnerships were developed with various federal agencies, and geography's national and international presence increased significantly. Ron helped spearhead projects like the NASA-funded Global Change in Local Places Project that furthered the AAG and geography, and which continue to have impact on the discipline today. And, several new Ph.D. programs were developed with his strong support. Very deservedly, the AAG Council voted unanimously in Los Angeles to name the AAG Honors Service Award the Ronald F. Abler Honors for Distinguished Service. Ron, on behalf of a grateful organization, we thank you for your many, many contributions to the AAG!

Effective 1 January 2003, Douglas B. Richardson stepped in as our Executive Director. Doug is exactly the right person to take over as our Executive Director at this time in our history. He is very sensitive to the strong academic tradition in our association, and at the same time, he offers a new and important perspective on the future of the AAG and our discipline.

As we begin our 99th year as an organization, the AAG and our discipline must further position ourselves to play a more significant role in national and international debates and to take advantage of emerging opportunities on a variety of fronts. As I mentioned in an earlier column, we must leverage the explosive growth in new geographic technologies for the benefit of the discipline. We have

a unique opportunity to continue to build our reputation in various aspects of the infosphere, virtual worlds, and cybergeography; yet if we are not careful we will lose our centrality relative to these emerging areas to other disciplines.

In a related context, in his recent *Annals* article B.L. Turner II (92:1, p. 63) stated that questions about human-environmental relationships have been elevated throughout the academy and the public at large, and that geography has been recognized as possessing unusual strengths in human-environmental science. At the same time, there are calls for a geographic information science and earth system science, which are matched by calls for remote sensing science, as well as human-environmental science. It is how we as geographers, and in my particular case, how, as a geographer interested in remote sensing, GIScience, and rural sustainability I react to these emerging 'sciences,' and how well the discipline continues to integrate these various sciences, that at least in part, will influence geography and the role geographers will play in understanding future worlds.

At the same time, we must be more active in debates that relate to national and international policy. We should certainly be at the forefront in the data standards and access discussions, but we also need to position ourselves so that our opinions are sought out by the media on issues related to globalization and international security. The efforts of Doug Richardson and others to organize the "Mapping the News" conference last Fall in Washington, DC, and to coordinate the development of a new book on the *Geographical Dimensions of Terrorism* (with Tom Wilbanks and Susan Cutter) are important steps in this direction.

Then, too, we need to raise the visibility and influence of geography with groups such as the National Academy of Sciences (NAS), the AAAS, and other national forums that recognize and respect the input of people from our discipline. People like Billie Turner, Susan

Cutter, and Michael Goodchild are examples of geographers leading the way in this regard, but there are others that deserve such recognition as well. Geography must also have a regular presence at the AAAS and other such forums rather than participating on a more limited basis.

Geographers must continue to strengthen support for the discipline by the NSF, NASA, NGS, DOD, and related government agencies as well as private foundations. Doug has been a real advocate (with Ron Abler) in this regard, and Tom Baerwald as well as others at NSF, have been strong supporters of geographers who have submitted cutting edge research proposals.

Finally, as we approach our Centennial, it may be appropriate to consider changing our name—when Susan Cutter was President she proposed changing our name to the Association for the Advancement of Geography. The reaction of our membership to this proposal has been mixed. At the same time, in my tour of regional meetings this fall many members seemed to think changing the name to the American Association of Geographers or the American Association for Geography, has merit. Truly, when you look at the AAG today, we are certainly more than the Association of American Geographers, but are we ready for change that more accurately reflects our organization? I welcome your thoughts on any name change and its implications.

As our organization faces these changes, it is an exciting time to be a geographer. I hope that as a discipline and as an association, we will seize these opportunities and keep geography central to emerging sciences. I thank Ron Abler again for his role as our Executive Director and for leading the organization to this point in its history, and I urge each of you to support Doug Richardson as we work through this important time in our Association's history. ■

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Tips for the Uninitiated on Mardi Gras and the Bead Economy

For many, Louisiana Mardi Gras is about New Orleans's numerous lavish parades. Luckily, this year's AAG meeting is timed to coincide with the conclusion of days (or weeks) of revelry. For those who have never witnessed it, I (a foreigner here myself) offer a brief guide, one which I hope will act also as an encouragement for geographers to take part in these truly Louisianan festivities.

Unlike most parades, the Mardi Gras parades in New Orleans run both during the day and night. Not the kind of Rose Parade just-sit-and-watch events, Mardi Gras parades are about interaction between the riders (organized into "krewes"), and the crowds on the streets (and balconies), particularly through the throwing and catching of brightly colored plastic beads. Riders spend hundreds (or even literally thousands) of dollars buying different kinds of beads (and other "throws") to toss to the crowds along the parade route, and parade watchers may go to great lengths to get the best beads. While it's not true that women have to "flash" in order to get good beads, some do choose to do so (as do some men), and some (men and women) may kiss the krewe members. Most though just crowd along the sides of the floats holding arms outstretched begging for loot, yelling the traditional cry "Throw me something, mister!," or more specific variants like "Long ones," "Red ones," or just the abbreviated, "Beads!"

If you've never experienced what Louisianans call "bead lust," you may think it strange that children and adults will go to such tremendous lengths for plastic beads. Just watch a parade and see if you are sufficiently puritanical to keep bead lust at bay—I've seen even the prudish smitten, and watched mild-mannered geographers transformed into full-fledged "bead whores." But when you do get involved, you'll want to know a bit about how the Louisiana "bead economy"

works—only the uncool go to great lengths for lame beads, and for truly great beads there are no limits.



DeLyser

Beads, in general, are valued by a familiar formula favoring length (of the strand of beads) and diameter (of the individual beads). Prize strands command both length and diameter, like the one-inch diameter pearls in strands falling below the knees. Since the Mardi Gras colors are purple, green, and gold, some great strands feature all three colors, with beads of different sizes on one strand. Further, any truly unusual strand is highly sought after—especially "medallion beads" where a multi-colored plastic medallion (sometimes quite heavy) is attached to the strand and features the theme of the krewe (like the Zulu medallions from the Zulu parade), or, even (if you're lucky), the theme of one particular float (like the albino alligator known as the "Baccha-gator" from the Bacchus parade).

Of course, it's not only about beads: other popular "throws" include "doubloons" (colorful aluminum coins stamped with the parade's name and theme, often quite elaborate), and "go cups" (plastic

cups colorfully printed with the parade's name and theme)—remember, in most of New Orleans you can drink alcoholic beverages on the streets, so go cups are a very handy thing to have. Kids (who you'll see perched atop ladders to better reach the beads) often get stuffed animals. The Zulu parade (begun in 1901 as the first African-American krewe and parade) is famous for its decorated coconuts (plastic ones are thrown, real ones are handed out—if you're lucky), and the Krewe du Jieus (a Jewish sub-krewe of the Krewe du Vieux) is famous for its coveted decorated bagels.

Parades start long before Fat Tuesday itself, so here's a list of some of the parades that you might like to attend. Most of these routes basically follow St. Charles Avenue to the edge of the French Quarter, but check a web site or Mardi Gras Guide (available in any store in New Orleans) for details and accurate route maps.

- Wednesday, 26 February, *Muses* (a three-year-old all-women parade) beginning at 6:45
- Thursday, 27 February, *Babylon* at 5:45 and *Chaos* at 6:30
- Friday, 28 February, *Hermes* and *Krewe de Etat* at 6 and 6:30 respectively
- Saturday, 1 March, *Endymion* at 4:15
- Sunday, 2 March, *Mid-City* at 1:30 and *Bacchus* at 5:15
- Monday, 3 March, *Proteus* at 5:15 and *Orpheus* at 6:30
- Tuesday, 4 March, *Zulu* (an African-American parade with riders in black face) at 8:30 a.m. and *Rex* (the King of parades) at 10 a.m.

There are many other parades in New Orleans I have not listed, but these are some of the highlights. Remember that the start time represents the time at the beginning of the route: since parades are several miles long it may take hours to reach the other end. A fast walker can easily beat a parade from end to end (and get a lot of

beads in the process). In addition to elaborate floats, each parade has its own history, but general things to watch for include the "Flambeax" (originally African-American marchers whose huge torches helped light the night-time parade routes, today they carry gas-powered torches, while they dance and interact with the crowds) and the Mardi Gras Indians (more often seen between parades, they trace their history to the Native Americans who aided run-away slaves—today the Mardi Gras Indians wear elaborate costumes emblazoned with thousands of feathers and beads).

While any place along the parade routes is potentially a good place to stand, people do have different strategies for getting the most and the best beads. Some go early, to the beginning of the route, before krewe members have run out of anything. Others stand at the end of the parade, where krewe members will dump everything they have left so they don't have to carry it home. Neither strategy assures great "bead wealth" (that is more a function of bead lust), but if you stand anywhere along St. Charles Avenue you're pretty well guaranteed, whether you emerge wealthy or not, to have a good time.

For those who really want to arrive early, I'll be riding in this year's Muses parade (an all-women parade). I'll certainly be looking for any geographers, and if you have a sign saying "geography" or "Dydia" I can almost guarantee you one of the Muses signature beads: each year there is a different 3-dimensional "shoe" medallion bead (the style of the shoe is kept secret until the parade itself). Just e-mail me at dydia@lsu.edu that you're interested and I'll tell you which side of which float I'll be on. I also have it on the authority of Juana Ibañez of University of New Orleans, that anyone with a "geography" sign at the Mid-City parade will be rewarded.

But Mardi Gras doesn't just take place in New Orleans. On Friday night around seven, Baton Rouge holds its annual "South Downs parade" in a small suburban neighborhood near LSU. It's a family oriented parade (nobody flashes), and a good place

to learn and hone the skills needed to earn great bead wealth. Saturday morning will see Baton Rouge's Spanish Town parade (in the eponymous neighborhood near the state capitol), a much more raucous event filled with political spoofs and sexual humor (often together). If you're interested in attending Spanish Town, contact me and I'll tell you which side of which float I'll be riding on there so I can throw you some choice beads, like the Spanish Town signature beads: a shocking pink strand featuring a pink flamingo wearing black fedora, black sunglasses, and black bow tie.

Still, Mardi Gras isn't only about beads and parades. You might want to drive to one of the rural towns where "traditional Mardi Gras" is celebrated. In the teensy weensy towns of Iota and Mamou, locals make early-morning rounds of everybody's houses collecting ingredients for the traditional communal gumbo; then later they unleash chickens in the streets and mounted riders (who are by then likely also drunken riders) chase them through town while hundreds line the streets watching the hunt. The chickens run the streets on Tuesday afternoon. In Mamou there's also a rodeo on Saturday and Sunday, as well as a street dance on Monday evening. The small town of Eunice holds a parade at 3 p.m. on Tuesday, and a kid's Mardi Gras Courir on Sunday 2 March at 9 a.m. There's also a great deal of dancing (and this is the traditional home of cajun and zydeco, so these street dances are fabulous) and locals dressed in special traditional costumes made from brightly colored rags with pointy hats obscuring their faces dance through the streets or on stages set up for the occasion. It's well worth the drive (about 100 miles from New Orleans). If you have children with you it's lots of fun for them too (as are all the Mardi Gras festivities), and anyone present is likely to be shown how to dance.

So if you're interested in enjoying the Mardi Gras revelry, plan on arriving before Tuesday, for parades and parties

are at fever pitch throughout the week leading up to Fat Tuesday. And, though Tuesday is Mardi Gras itself, parades and partying almost all wind up at midnight (that's terribly, terribly early by Louisiana standards) when the New Orleans P.D.—in cars and on horseback—push through the streets of the French Quarter blaring the message, "Mardi Gras is over. Please clear the streets" thus ushering in the Lenten season of (relative) abstinence.

However you choose to indulge, the folks in New Orleans, in rural Louisiana, and especially at the Department of Geography and Anthropology at Louisiana State University welcome you. And me personally, I wish you great bead wealth. ■

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tradition that we would be ill advised to jettison at a time when the rest of the world is just beginning to appreciate its significance.

Perhaps it was dwelling on the importance of traditions entwined with innovation that moved me to such great emotion when, during the last meeting of the AAG Council, Ron was honored as "Executive Director Emeritus." I hope this designation will be one more thread linking Ron to the AAG in the years ahead, and that we can tug on that string from time to time for advice, knowledge, or guidance. And if we are particularly lucky, we'll have the pleasure of many more of those glimmering Abler insights, delivered over a glass of wine, with the rascal's wry humor, the bard's eloquence, and the "gravitas of the emeritus." ■

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that geography is not one of mere landscapes and topography, it is the geography of the people. Where once there were trees and even forests, we now see barrenness. I can no longer walk those distances, but until a few years ago, I would traverse the miles of land I knew as a child and young man, and one was saddened at the poverty of the people—poverty lived out in the geography of the place. It is the geography of women and young people, walking miles and miles to find the paltriest pieces of wood for fire to cook a mealie meal and to keep a shelter warm.

The trees and forests were destroyed exactly because our people were so dependent upon them as sources of energy. And in turn, people are today cold and in want of energy for cooking, cleaning, and basic comforts because the trees and forests are destroyed. I walked and I saw in the land of my youth women walking, but walking in poverty and destitution. The streams of my youth that were places of beauty and inspiration were now clogged up and dirty. I saw the descendants of the mothers of our people bowing down to secure with their bare hands the cleanest of the dirty and dangerous water in those streams and pools.

How would they get that water clean enough to use it for household purposes, I often ask them. They would boil it, they reply, if only they had wood or other sources of energy to do so. I was taking a walk a few days ago in my country village and I came across a stream which was polluted and where the water was moving very slowly. And then I found three women fetching water. And I asked them, "What are you going to do with that water?" They said, "We are going to use it for domestic purposes. We are going to cook with it, drink it, clean ourselves." I said, "But the water has tadpoles moving around, it has algae, this green stuff that covers stagnant water." And I said, "Up there, you see people washing their bodies and their clothes. That water comes here." They said, "That is our life." And then I asked this question: "What do you do with this water before you use it?" They said, "We do nothing. We use it as it is."

And then I asked a foolish question. I was born in that area and I am supposed to

know the conditions, but for me twenty-seven years of prison life was sufficient to make me forget about the living conditions of my people. I then asked the question, "Don't you boil it before you use it?" They all exclaimed simultaneously, "Boil it with what? Look up, right up to the horizon, there is not a single tree. We have no electricity. With what must we boil it? We use cow dung, and that gives more smoke than heat." I felt humiliated because I should never have asked that question, but I did. The alternatives seem clear: use what they have and suffer the consequences. And the consequences were and remain cholera and other environmentally induced diseases.

On the ninth of May I was in New York and I met one of the most powerful businessmen in the world, who has supported us in the past, and built a school and a clinic. And when I formed the [Nelson Mandela] Foundation, he invited me and my wife to his place in the United States of America. He then gave my wife five million dollars, and gave me ten million. And his partner gave my wife seven-and-a-half million, gave me seven-and-a-half million too [for charity work in South Africa]. Now I said to him, "I want you to build forty-five schools in the countryside in South Africa, because there are vast areas in the countryside where there is no school, where there is no clinic."

He said, "No, I concentrate on health. I propose building so many clinics in your country." And we had an argument. I said, "No, clinics are alright, but in the countryside the situation, the thinking of the people is that the *sangomas* are more reliable than the clinics, modern clinics. We therefore want an educated core of people who are going to campaign in the countryside to say, "these clinics are much better than *sangomas*." So that's why I want you to build your forty-five schools." We couldn't resolve the argument. He said, "No, I am prepared to respond, but only in the field of health." "Well," I said, "let me go back and go to consult."

I came back home and I consulted the Minister of Education, Professor Kader Asmal. He overruled both of us, and he said, "No, there are many schools throughout the country without water, without sewerage, where the school children have to go

to the veld to relieve themselves. They have nothing to clean themselves so they use grass and then their fingers are soiled. With soiled hands, without washing because there is no water, they go and handle food. Bread, sandwiches, hard mealie pap, meat, fruit, and in that way cholera spreads." And then Professor Asmal said, "What we want is the installation of water in all the schools. And it's going to cost a lot of money." Well, I have written to the businessman to say this is what the man who knows this field thinks we should do. No schools, no new schools, no new clinics, but water for the schools that are there, because that will go a long way in preventing cholera.

These conditions I have seen repeated all over our country, our continent, and the developing world.

We accept the honour you bestow upon us today, not as an honor in the usual sense of that word. We accept it as an acknowledgement of our common lack of honor, as humanity, for the manner in which we are destroying our mother planet and the chances for our children to have a sustainable future on earth. Your medal is, however, also a source of encouragement to take up and continue the struggle for a world in which we can live in dignity, not only among ourselves as human beings, but also as human beings in relationship with our natural environment.

South Africa will soon be hosting the all-important World Summit for Sustainable Development. As your Union gathers here and now, it is part of the challenge to our country, its leaders, and its people to be seen to be in the vanguard of the modern-day struggle to render our environment a liveable and sustainable one for our children. I try to live by the simple precept of making the world one in which there is a better life for all, particularly the poor, marginalized, and vulnerable. A devastated geography makes for a devastated people. It renders people vulnerable, and the traditionally vulnerable—women, children, the aged and disabled—will always be bearing the brunt of that suffering. Let us stand together to make of our world a sustainable source for our future as humanity on this planet.

I thank you." Nelson Mandela ■

Reprinted with permission from the September 2002 issue of the IGU Newsletter.

Nelson Mandela Awarded the IGU Planet and Humanity Medal

Nelson Mandela became the sixth recipient of the International Geographical Union's Planet and Humanity Medal at the August 2002 IGU Regional Conference in Durban, South Africa. Mandela accepted the award from IGU President Anne Buttimer at the opening ceremony of the conference on 4 August 2002.

IGU Vice President Lindisizwe Magi, Professor of Geography and Vice Rector of the University of Zululand Durban-Umlazi Campus, and Chair of the conference organizing committee, introduced Mr. Mandela:

"On behalf of the International Geographical Union, the South African National Committee for the IGU, the IGU Regional Conference Local Organizing Committee, the international geographical community, as well as the African and southern African geographical communities—in particular members of National Committees, Commissions, Study Groups and Task Forces of the IGU—we would like to heartily welcome you, Madiba*, to the 2002 IGU Regional Congress, which constitutes the main and important gathering of international scholars of geography. The IGU is extremely appreciative and humbled by your taking time off from your busy schedule to be with us today, to grace this auspicious occasion.

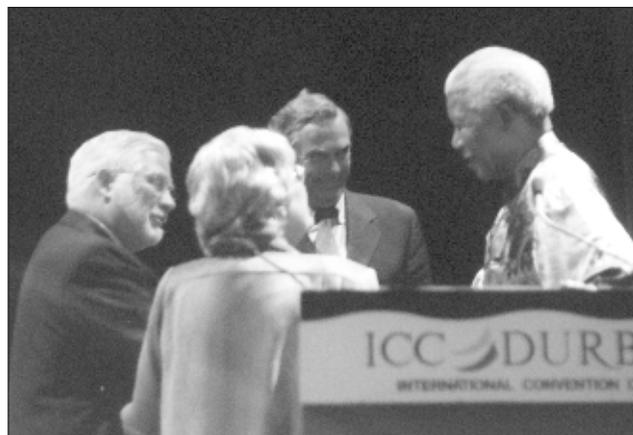
The IGU is also exceedingly happy and feels honoured by your willingness to accept the IGU Planet and Humanity Medal that will be awarded to you shortly. We are fully aware of your tight schedule and appreciate that you will be unable to stay with us for much longer. We nonetheless applaud your presence, as well as your willingness to be with us today. Madiba, in the African idiom, we say, *ukwanda kwaliwa umthakathi*—Thank you for being with us. You are welcome, Madiba, Madiba."

Professor Anne Buttimer then addressed the audience and Mr. Mandela:

"The International Geographical Union is honored and overjoyed to present its Planet and Humanity award to Mr. Nelson Rolihlahla Mandela, Madiba. As a leading humanist and statesman in championing human rights and freedom for the oppressed, Mr. Mandela's immense and selfless contribution to the welfare of humanity is acknowledged globally. His honours are many, including the Nobel peace prize. His curriculum vitae provide many lessons to scientists and politicians about our responsibility for the stewardship of society and the natural environment of our planet Earth. Only a few of his political and humanitarian achievements can be highlighted here: Your willingness to undergo suffering for the alleviation of human oppression; your visionary and resilient engagement in socio-political activities that eventually led to the democratization of South Africa; your commitment to the alleviation of poverty; to the upliftment of human dignity; and your unwavering belief in youth as the cornerstone of nation building.

Mr. Nelson Rolihlahla Mandela, Madiba, your profound sense of justice, humility and warmth, and your sterling qualities of leadership indeed render you an ideal and deserving recipient of the International Geographical Union Planet and Humanity Medal. On behalf of the international community of geographers, I personally thank you for the inspiration, the courage, and the challenge which you continue to offer us. *Siyabonga*."

Setting aside his brief, prepared text, Mandela responded with extended and passionate remarks regarding the environmental degradation he observed in his homeland Transkei region, and its



Former AAG Executive Director and IGU Secretary General Ronald F. Abler, former IGU Secretary General Eckart Eblers, and South African IGU Committee Chair Joan Fairhurst congratulate Nelson Mandela upon receipt of the IGU Planet and Humanity Medal.

relevance for the forthcoming World Summit on Sustainable Development and the future generally (see p. 1 of this issue).

The IGU's Planet and Humanity Medal was created in 1996 to commemorate the 125th anniversary of the First International Geographical Congress in Antwerp in 1871. It was awarded in 1996 to Prime Minister Gro Harlem Brundtland (Norway) and to Vice President Al Gore (USA); in 2000 to Ch. Pierret (France), M. Robinson (Ireland), and M. S. Swaminathan (India). The medal was created to honor individuals (not necessarily geographers) who have made outstanding contributions to environmental and developmental issues. ■

* Madiba is Mandela's Xhosa clan name. Addressing him by his clan name is a mark of respect.

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Recent Activities of the National Academies' Committee on Geography

The recent release of a report under the auspices of the National Academies' Committee on Geography (CoG)—Community and Quality of Life: Data Needs for Informed Decision Making—provides an appropriate time for review of CoG's role within the National Academies and its relevance to the geographic community at large within the United States.

Background and Mission

CoG was established in 1997 in response to increasing analysis and assessment of geography in public policy issues.

The mission of the CoG is:

1. To bring the theories, perspectives, and methods of geography to bear on the solution of society's problems and issues by providing high-quality scientific and technical advice and recommendations to the federal government and other sponsors on:
 - Coupled human-environment systems
 - Globalization of the political economy
 - Place-based and spatial analysis
 - Geographic literacy
2. To foster international cooperation by serving as a liaison to other national geographical organizations and initiating collaborative research programs among those organizations.
3. To provide advice to the National Academy of Sciences (NAS) on all matters pertaining to geography, especially to the NAS Foreign Secretary on matters concerning international organizations, programs, and research.
4. To serve as the official U.S. Liaison to the International Geographical Union (IGU), and promote and facilitate participation of U.S. geographers in the IGU.

In regard to the first mission, CoG stands within the original mandate of the

National Academy of Sciences and subsequently, the research arm of the National Academies, the National Research Council. The CoG is a standing committee under the auspices of the National Academies' Board on Earth Sciences and Resources (BESR). The CoG currently is composed of nine members (see CoG Membership 2002 below) with a broad range of geography expertise. Past members of the CoG include Jack Dangermond, Environmental Systems Research Institute; William L. Graf, University of South Carolina; Katherine K. Hirschboeck, University of Arizona; Janet E. Kodras, Florida State University; T.R. Lakshmanan, Boston University. Three geographers also serve on BESR—William L. Graf, University of South Carolina; B. L. Turner II, Clark University; and Thomas J. Wilbanks, Oak Ridge National Laboratory.

CoG's next three missions follow from its legacy as the U.S. National Committee for the International Geographical Union (IGU). As a National Committee, the committee's main objective was to plan and implement U.S. participation in the programs of the IGU. Representatives from the CoG and the NRC attend IGU meetings on behalf of the United States.

Sponsorship

Federal agencies, private industry, and foundations sponsor NRC standing committees, providing support for staff and committee meetings. CoG sponsoring agencies are the National Science Foundation, the U.S. Geological Survey, and U.S. Bureau of the Census. This support does not fund focused studies, the funding for which must be generated by CoG and NRC staff as noted below.

Studies and the Study Process

Most NRC standing committees, such as CoG, do not conduct studies but

provide oversight and are the framework through which focused studies and other activities are developed and conducted. Members of CoG also work closely with NRC staff to develop and seek support from representatives of federal agencies and foundations for studies on important science policy issues. An example of a study developed by CoG is *Support for Thinking Spatially: The Incorporation of Geographic Information Science Across the K-12 Curriculum* (report in progress). Congress, federal agencies, or foundations also ask the NRC to undertake a study. For example, the U.S. Geological Survey asked CoG to form a committee of experts to provide advice on issues related to research priorities in geography throughout the agency (*Research Opportunities in Geography at the U.S. Geological Survey*, 2002). CoG often works with other NRC committees, such as the Committee on the Human Dimensions of Global Change, to develop studies. Non-committee members, cooperating with the standing committee, can also develop studies.

Unlike standing committees, study committees are selected expressly to address a particular question or set of questions (focused study). Members of both standing committees and study committees serve as volunteers. Although members of CoG often serve on study committees, CoG does not conduct focused studies. The study committee meets periodically to investigate the facets of the problem described in the study charge and reports its findings, conclusions, and recommendations based on available scientific evidence and their expertise. Before the study committee meets, one of the volunteer experts is appointed to serve as chair, and a member of the Academies' staff is assigned as the study director.

Every NRC study must pass through a rigorous review process, beginning with the Executive Committee of the Governing Board (GBEC) and ending with the Report

Review Committee (RRC). A critical element of the GBEC review of a study prospectus is evaluation of the “usefulness” of the proposed study to the sponsoring agency’s mission or to some public endeavor or explored or supported by them (e.g., wildfire protection). After a study is approved by GBEC and funding is received, candidates are solicited from CoG as well as other relevant NRC standing committees and boards, sponsors, academic institutions, professional societies, and other knowledgeable authorities. The NRC selects committee members who serve as volunteers after their expertise and potential sources of bias and conflict of interest are considered. Geographers from diverse branches of the discipline and varied institutions are asked to serve on NRC committees as their expertise and experience meets the study purpose.

All reports undergo an independent review by anonymous experts who were not involved in the report preparation. The Report Review Committee ensures that an independent review has been conducted, and that the report addressed the approved study charge, the findings are supported by evidence, and that the tone of the report is impartial and sensitive.

Names and affiliations of the reviewers are made public when the report is released.

CoG Products

In addition to the 1997 report, *Rediscovering Geography—New Relevance for Science and Society*, CoG has completed three studies (Community and Quality of Life: Data Needs for Informed Decision Making, Research Opportunities in Geography at the U.S. Geological Survey, and Down to Earth: Geographic Information for Sustainable Development in Africa), and is currently engaged in two more (Support for Thinking Spatially: The Incorporation of Geographic Information Science Across the K-12 Curriculum and Review of Geographic Information Systems Research and Applications at HUD: Current Programs and Future Prospects). Several studies are also in development and funds are being sought. Information on completed reports is available at the National Academy Press website (www.nap.edu).

CoG will continue to address geography issues of national interest and serve the geography community by furthering its collective goals. CoG hopes to become more of a focal point for geography by identifying and addressing key policy issues

and by involving members of the community in CoG activities. To view complete report, visit www7.nationalacademies.org/besr/COG-Newsletter.html.

CoG Membership (2002) and NRC Staff

B. L. Turner II, Chair, Clark University
 Bernard O. Bauer, University of Southern California
 Ruth S. Defries, University of Maryland
 Roger M. Downs, The Pennsylvania State University
 Michael F. Goodchild, University of California
 Susan Hanson, Clark University
 Sara L. McLafferty, University of Illinois
 Ellen S. Mosley-Thompson, The Ohio State University
 Eric S. Sheppard, University of Minnesota

NRC Staff:

Anthony de Souza, BESR Director
 Kristen L. Krapf, Program Officer/
 CoG Director
 Lisa Vandemark, Program Officer
 Monica Lipscomb, Research Assistant
 Verna J. Bowen, Administrative Assistant ■

Geography Alliances: The Past and the Future

It has been five years since the Geography Alliances began publishing reports of their work in the *AAG Newsletter*. These articles catalog the work of 39 of the 53 Alliances to improve the quality of K-12 geography education.

The nationwide Alliance network was modeled after an initiative developed by several geographers and teachers in California who worked together to improve geography instruction in local schools. Under the leadership of then President Gilbert Grosvenor and with the assistance of one of those California geographers, Kit Salter, the National Geographic Society established the first Alliances 17 years ago. By 1993, Alliances were actively

involved in geography education in every state, Washington DC, Puerto Rico, and Canada. Co-funded by NGS and matching state sources, most Alliances operate with annual budgets of \$100,000 or more. Over the years, NGS and the Alliances’ state partners have contributed over \$110 million to this initiative.

The success of the program comes from its grassroots approach. Selected teachers become Teacher Consultants (TCs) upon completion of 80 hours of training, usually acquired at summer institutes. The TCs make presentations at professional meetings and hold workshops at state, regional, and local levels. They are the leaders, advocates, and

spokespersons for more and better geography instruction in their schools, school districts, and states. They generate public awareness of the importance of geography through their work on curriculum committees, by speaking at public meetings, reaching out to the media, and communicating with state and local administrators and school committees.

TCs have helped bring about major changes in geography education over the past decade. The Human Geography Advanced Placement course is now in place; four states require one year of high school geography for admission to the state colleges and universities; many

Continued on page 10

Continued from page 9

geography departments report that incoming freshmen declare geography as their major—something that was previously almost unheard of; and at the local level, where most change takes place, many schools and school districts are revamping curricula to improve geography instruction at all levels.

Another reflection of the Alliances' success is the result of an NGS-commissioned assessment comparing the performance of eighth graders who had Alliance-trained teachers with that of the general eighth grade population tested in the 2001 National Assessment of Educational Progress (NAEP) geography assessment. The average scores of the former were eight percentage points higher than those of the latter.

Many teachers have been empowered by the Alliances to reach beyond the classroom and take advantage of new opportunities. In our Rhode Island Alliance, for example, consider the 20-year teacher who thought only administrators could apply for grants. As a TC for

the past eight years she has garnered more than 15 grants, some of which have taken her to Asia and Africa. Another teacher who had never been on the ocean found herself manning a wooden tall ship with other TCs; several teachers took students with them on a U.S. Navy research vessel in the Mediterranean Sea; another group explored the Wyoming portion of the Oregon Trail in Conestoga wagons. These are the kinds of activities that make geography exciting for teachers who then bring this excitement with them into their classrooms.

In our small state, the Geographic Alliance has spent over \$650,000 this past decade, with the result that we now have a large group of dedicated, informed, technologically prepared, and excited teachers who are committed to advancing geography in the schools. They spread the word to other teachers and administrators, head curriculum committees, help develop and improve state-level standards for geography instruction, write grant proposals, and provide leadership for the Alliance. The same is true in other states across the country. (Information about individual Alliances

is available on the NGS website at www.nationalgeographic.com.)

The automatic annual financial support in the form of matching funds from NGS has ended as of this year. Instead, competitive grant funds are available for the Alliances for specific projects and—importantly—NGS has offered the Alliances matching endowment funds of \$500,000. Currently, 22 Alliances have partial or full endowments, providing annual incomes of \$25,000 to \$90,000 in perpetuity. Has there ever been anything like this in the field of geography or any other discipline?

The vision of a few, the financial support and guidance of NGS, the leadership and commitment of geographers, and the hard work and dedication of teachers have brought new excitement to geography education that will likely be sustained far into the future. ■

Chester E. Smolski, Professor Emeritus, Rhode Island College
Co-coordinator, the Rhode Island Geography Education Alliance
smolsk@cs.com

Grants and Awards

The National Science Foundation has awarded a research grant of \$153,438 to **Richard Grant** and **Jan Nijman**, University of Miami, for support of a project comparing the cities of Accra, Ghana and Mumbai, India. This project continues their comparative work in these two cities. The title of the project is "Globalization, Liberalization, and Urban Restructuring in the Less-Developed World: A Comparative Study of Social and Spatial Polarization in Accra and Mumbai." ■

Karen Morin, Bucknell University, received a 2002 Fulbright Scholar Award. She will be giving weekly lectures on themes related to cultural and gender geography, and the American West at Russia's Nizhni Novgorod State University. She is also presenting her research at conferences and delivering a public lecture on North American feminist historical geography. ■

Urban Geography Change in Editorship

After 24 years at the day-to-day editorial helm of *Urban Geography*, James O. Wheeler has joined Chauncy D. Harris as one of the journal's honorary editors. Effective 1 January 2003, he was succeeded by Peter O. Muller of the University of Miami, to whom manuscripts should henceforth be submitted. For more information, contact Peter Muller at pmuller@miami.edu. ■

99th AAG Annual Meeting
5-8 March 2003 • New Orleans

Register at www.aag.org/annualmeetings/Intro.html

AAG 2003 ANNUAL MEETING REGISTRATION FORM

Everyone who attends the AAG Annual Meeting must register. **If you already paid a registration fee at the time you submitted your abstract, then you are already registered and should only use this form to sign up for special events, field trips and workshops.** If you did not pay the registration fee, you may register for the meeting, field trips, workshops and special events with this form. Space is limited for all events, field trips and workshops. **AAG reserves the right to cancel any event with insufficient enrollment.** All fees are payable in US dollars, by check, money order, Visa, or MasterCard.

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NAME OF COMPANION/SPOUSE (if registering for meeting) _____

Do you or anyone traveling with you have any disabilities or special needs? Please explain:

I. REGISTRATION

	Through 15 Feb.	After 15 Feb	
AAG Member	\$ 175	\$225	\$ _____
Student/Retired Member	\$90	\$125	\$ _____
Nonmember	\$260	\$300	\$ _____
Nonmember Student	\$145	\$175	\$ _____
Companion/Spouse	\$ 75	\$100	\$ _____
One day registration	\$145	\$145	\$ _____

TOTAL REGISTRATION FEE \$ _____

II. FIELDTRIPS

	Quantity	Price
1. SW Louisiana Chenier Plain (2/28-3/3)	___@ \$350	\$ _____
2. Acadiana & Courir du M. Gras (3/3-3/5)	___@ \$175	\$ _____
3. New Orleans Cemeteries (3/3)	___@ \$20	\$ _____
4. Uptown Urban Conflict (3/5)	___@ \$15	\$ _____
5. New Orleans Cemeteries (3/5)	___@ \$20	\$ _____
6. River Road Plantations (3/5)	___@ \$95	\$ _____
7. Battle of New Orleans (3/5)	___@ \$20	\$ _____
8. Touring Fauborg Treme (3/6)	___@ \$12	\$ _____
9. Liv./Work. in the Louisiana Coast (3/6)	___@ \$80	\$ _____
10. Geog/Arch History of NO (3/7)	___@ \$75	\$ _____
11. Ethnic Vietnamese Communities (3/8)	___@ \$40	\$ _____
12. Environmental Hazards (3/8)	___@ \$45	\$ _____
13. Barataria Wetlands (3/8)	___@ \$35	\$ _____
14. Where the Blues Were Born (3/8-3/9)	___@ \$230	\$ _____
15. IGU Coastal Commission (3/9-3/13)	___@ \$210	\$ _____

TOTAL FEES FOR FIELDTRIPS \$ _____

III. WORKSHOPS

	Quantity	Price
1. Comm. to Policymakers (3/5)	___@ \$50	\$ _____
2. Multimedia World Geography (3/6)	___@ \$10	\$ _____
3. Int'l Year of Mountains (3/7)	___@ \$20	\$ _____

TOTAL FEES FOR WORKSHOPS \$ _____

IV. SPECIAL EVENTS

	Quantity	Price
Banquet - individual ticket (3/7)	___@ \$55	\$ _____
Banquet table - 10 tickets (3/7)	___@ \$530	\$ _____
Awards Luncheon - individual ticket (3/8)	___@ \$40	\$ _____
Awards Luncheon table - 10 tickets (3/8)	___@ \$380	\$ _____

TOTAL FEES FOR SPECIAL EVENTS \$ _____

V. ABSTRACT BOOK

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

	Quantity	Price
2003 Meeting Abstract Book	___@ \$15	\$ _____

VI. RECAP/PAYMENT

Registration Fee	\$ _____
Field Trips	\$ _____
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GRAND TOTAL (US Dollars Only) US\$ _____

Check for \$ _____ Attached (Please make checks payable to AAG)

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

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Registration Fee Refund Policy

All requests must be in writing and received by the stated deadlines. Requests received through 5 January 2003 will incur a \$50 cancellation fee. Requests received after 5 January 2003 will incur a \$70 cancellation fee. Requests received after 15 February 2003 cannot be processed.

Please return this completed form along with payment to:

AAG 2003 Annual Meeting Registration
1710 16th Street, NW, Washington, DC 20009
Fax (202) 234-2744

Gladys W. Cole Memorial Research Award for 2003

The Gladys W. Cole Memorial Research Award is restricted to investigation of the geomorphology of semiarid and arid terrains in the United States and Mexico. It will be given each year to a GSA Member or Fellow between 30 and 65 years of age who has published one or more significant papers in geomorphology. Funds cannot be used for work already accomplished, but recipients of a previous award may reapply if additional support is needed to complete their work. The amount of the award in 2003 will be \$9,500.

Applications must be post-marked by 1 February each year to be eligible for the award, which is made in April. Application forms are now available on their website, www.geosociety.org. For additional information please contact Leah J. Carter at 303-357-1037 or lcarter@geosociety.org.

2003-2004 Evelyn L. Pruitt National Fellowship for Dissertation Research

Sara Rau, President of the Society of Woman Geographers (SWG), has announced an expanded national fellowship program for women doctoral students in geography and geographical aspects of allied fields. The SWG Evelyn L. Pruitt National Fellowship for Dissertation Research available for 2003-2004 is made possible by a bequest of over \$1 million from geographer and SWG member Evelyn L. Pruitt, who died in January 2000.

SWG invites applications from women Ph.D. students in geography or the aspects of allied fields that are geographical for the new Pruitt National Fellowship for Dissertation Research. An award of up to \$15,000 will be made for 2003-2004. Candidates should request application guidelines from Ruth Shirey, Chair of the SWG National Fellowship Committee, at rishirey@iup.edu. Applications are due by 1 March 2003 and the award will be announced by 15 April 2003.

SWG plans to offer two additional fellowships supported by the Pruitt bequest

within the next several years. These include an award to facilitate the preparation of a book manuscript based on dissertation research and an award to a minority woman who has been admitted to a graduate program.

SWG's Pruitt National Fellowship expands the SWG's National Fellowship Program. SWG fellowships have been offered on an ongoing basis since 1953-54. The National Fellowship Program has offered awards at three universities where there are active SWG groups. Currently these include the University of California at Berkeley, the University of California at Los Angeles, and the Pennsylvania State University. The New York Group of SWG has a separate endowment that funds fellowships at Hunter College.

Ms. Pruitt began her career in applied geography with the United States Coast and Geodetic Survey in 1942, transferring to the Geography Branch of the Office of Naval Research of the United States Navy in 1948. Her work advanced studies in coastal geomorphology and remote sensing as well as other geographical specialties and methodologies.

SWG was founded in 1925 to provide a medium for intellectual exchange among traveled women engaged in geographical work, including women in fields allied with geography. Members have traveled widely to do research and field activities in their disciplines and have developed specialized competence in a geographic region or in some physical, cultural, or topical aspect of the world.

Summer Institute on International Migration

The Summer Institute is intended to expose advanced graduate students and recent postdoctoral scholars to cutting-edge research in the field of international migration and refugee studies. The emphasis will be on discussion of new, as yet unpublished research that can help to shape doctoral dissertations and postdoctoral research projects. The Institute is a collaborative project of the Center for

Comparative Immigration Studies (CCIS) and the Center for Iberian and Latin American Studies (CILAS) at the University of California-San Diego, and the International Migration Program of the Social Science Research Council (SSRC).

The Institute will bring together roughly equal numbers of (1) advanced graduate students who are writing their dissertations or are in the midst of data collection/analysis; (2) recent PhDs who are revising dissertations for publication or planning new projects; and (3) senior scholars involved in innovative research and training of graduate students. The Institute is built around a three-day conference (20-22 June 2003) in which senior scholars and a few junior scholars will report on their current research projects.

Training modules preceding and following the conference will explore specific methodological and career development issues, and will provide opportunities for junior scholars to discuss their individual research with senior scholars in small-group and one-on-one meetings. Conference sessions will focus on key topics of multidisciplinary significance, reflecting the interests of participating faculty and students.

Applications for admission can be submitted until 15 February 2003. Applicants will be evaluated by CCIS staff, the Institute's organizing committee, and the SSRC's International Migration Committee. Decisions will be announced by 15 March. The application form can be downloaded from the CCIS website at www.ccisucsd.org/Programs/SummerInst.htm. If you have any questions about the Summer Institute, please contact Gaku Tsuda, Associate Director of CCIS at 858-452-9635 or ttsuda@ucsd.edu.

Fellowship Opportunities at the Center for Comparative Immigration Studies, UC San Diego

The Center for Comparative Immigration Studies (CCIS) will offer a limited number of Visiting Research Fellowships at both the predoctoral and postdoctoral

levels for the 2003-2004 academic year. These awards are to support advanced research and writing on any aspect of international migration and refugee flows. CCIS fellowships must be held in residence at UCSD. They cannot be used to support fieldwork or other primary data collection. Visiting Research Fellows will have the opportunity to present their research at CCIS research seminars and writers' and academic professionalization workshops.

Predocctoral applicants are expected to finish writing their dissertations during their fellowship. Recent postdoctoral applicants can request support to turn a dissertation into a publishable manuscript or to prepare shorter publications based on the dissertation project. More senior scholars can propose any major research or writing project. The duration of the fellowship is usually for 9-10 months, although shorter stays will also be allowed. No summer-only fellowships will be awarded. For the 2003-2004 academic year, stipends for predocctoral fellows will be \$2,250 per month. For recent postdoctoral fellows (Ph.D. received within the last 6 years), the stipend level will be between \$3,000-4,000 per month, depending on seniority. Stipends for more

senior scholars are negotiable. CCIS fellowships may be supplemented with compensation from other fellowships, research grants, sabbatical leaves, or other sources.

Application forms and guidelines can be downloaded from the CCIS website at www.ccis-ucsd.org. All application materials must be submitted no later than 15 January 2003 for fellowships to be held during the 2003-04 academic year.

Women's International Science Collaboration Program

The Women's International Science Collaboration Program (WISC) is a partnership between the American Association for the Advancement of Science and the National Science Foundation to increase the participation of women in international scientific research. WISC awards on a competitive basis small travel grants (up to \$5,000) to U.S. scientists to plan and design new collaborations with colleagues in Central/Eastern and Western Europe, the Newly Independent States of the former Soviet Union, Near East, Middle East, Africa, the Americas, Pacific, and Asia. These activities are expected to lead to full research proposals that are submitted to the National Science Foundation or other funders.

Men and women scientists who have their Ph.D.s or equivalent research experience are eligible to apply. They must be U.S. citizens or permanent residents of the United States. Applications from male co-PIs must be accompanied by an application from a female co-PI as part of a U.S. research team. Graduate students (Ph.D. candidates) are also eligible to apply, if they will be conducting research in an established Ph.D. program in the United States. Government employees can only apply if they also are affiliated with another institution eligible to receive NSF grants (e.g., an adjunct professorship at a university).

Scientists who have received their doctoral degrees within the past six years will receive special consideration, as will scientists applying to work with colleagues in less frequently represented countries and regions.

For more information, please visit www.aaas.org/international/wiscnew.shtml. Applications must be postmarked by the 15 January 2003 and 15 July 2003 deadlines. ■

Quarter Century

The January 1978 issue of the AAG Newsletter announced candidates for election to the AAG Council. The candidates included **Brian J.L. Berry** for President; **John Fraser Hart**, **Allan R. Pred**, and **Evelyn L. Pruitt** for Vice-President; **A. David Hill** and **Richard Morrill** for Secretary; and **Stephen S. Birdsall**, **Lawrence A. Brown**, **Arthur Loeben**, **Janice J. Monk**, **Peter O. Muller**, and **Mush-taq Rahman** for National Councilors.... The Middle Atlantic Division announced its upcoming annual meeting in February, to be held at the Center of Adult Education, University of Maryland, in College Park. The meeting's focus was applied geography and included

workshops on computer mapping, remote sensing, and geographic/cartographic resources. The opening session featured **Dr. Murray Polakoff**, Provost, Division of Behavioral and Social Sciences, University of Maryland, and **Dr. Daniel Beard**, Deputy Assistant Secretary for Land and Water Resources, Department of the Interior. Other contributors to the meeting included **Steven S. Birdsall**, Chairman of the AAG Committee on Applied Geography, **Robert Klove**, International Statistics Programs Center, Bureau of the Census, **J. Warren Nystrom**, AAG Executive Director, and **Robert Hodgson**, Geographer, Department of State.... The Southeastern Division of the AAG elected as President,

Sanford Bederman of Georgia State University, as Treasurer **Samuel Emory** of Mary Washington College, and as Councillor **James O. Wheeler**. Continuing officers were **Stephen S. Birdsall** of University of North Carolina-Chapel Hill as Vice President and **Clifton Pannell** of University of Georgia as Secretary.... It was announced that a river cruise on the Mississippi River would follow the opening reception of the 1978 AAG Annual Meeting in New Orleans on Tuesday, 11 April. Expected ridership on the 280-foot, paddle-wheel steamboat *Natchez* was about 1,200 persons. ■

CONFERENCE ASSISTANT FORM

Lend a Helping Hand!

Donate some time at the Annual Meeting as a Conference Assistant and earn \$6 per hour and a 50% registration refund if you work for a minimum of 8 hours.

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UNIVERSITY _____

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Shift times are as follows:

MORNING: 8am - 12 noon
AFTERNOON: 1pm - 7pm (except Saturday, which is 1pm - 6pm)

NOTE: If you sign up for a shift, you must work the entire shift. AAG is unable to accommodate requests for partial shifts.

Please tell us your availability:

- | | |
|--|---|
| <input type="checkbox"/> Wednesday, 5 March, MORNING | <input type="checkbox"/> Friday, 7 March, MORNING |
| <input type="checkbox"/> Wednesday, 5 March, AFTERNOON | <input type="checkbox"/> Friday, 7 March, AFTERNOON |
| <input type="checkbox"/> Thursday, 6 March, MORNING | <input type="checkbox"/> Saturday, 8 March, MORNING |
| <input type="checkbox"/> Thursday, 6 March, AFTERNOON | <input type="checkbox"/> Saturday, 8 March, AFTERNOON |

Reimbursement/Payment

If you have not already done so, please register for the meeting and pay the full conference rate in advance. You will be reimbursed by mail for 50% of the conference fee after the meeting, when we verify that you have worked the minimum 8 hours required to receive the discount. Your pay for the hours you work will also be included in this check. PLEASE NOTE: all checks will be payable in US dollars. AAG is unable to remit payment or reimbursement in any other currency. **IN ORDER TO BE A CONFERENCE ASSISTANT, YOU MUST BE REGISTERED FOR THE 2003 AAG ANNUAL MEETING.**

Schedule Confirmation

You will receive a confirmation via e-mail letting you know the dates and times you are scheduled. Please make sure your e-mail address is included on this form and is printed legibly. **Due to the large number of Conference Assistants, the AAG is unable to accept requests for work at a specific session.**

Your Duties/What to Expect

As a Conference Assistant working at a session, your main duties are to assist the speaker or session chair with handouts and report any audiovisual problems. Due to the large number of sessions, it is likely that you will be assigned to monitor multiple rooms. You will be required to monitor all rooms equally.

Conference Assistant Attire

The dress code for the meeting is business casual. Please dress for a professional meeting, as you will be a representative of the AAG. Men should wear a button-down shirt and tie, with dress pants or clean, pressed khakis. Women should wear a dress or a nice blouse and skirt or pants (khakis are fine as well).

Return This Form NO LATER THAN FEBRUARY 3, 2003 to:

AAG Conference Assistants, Attn: Linda Hachero
6220 Montrose Road, Rockville, MD 20852

Fax 301/984-9441

Email: lhachero@conferencemanagers.com

Members of Note

Marilyn Brown, Oak Ridge National Laboratory, has been appointed to the 17-member National Commission on Energy Policy, a bi-partisan panel that is addressing major U.S. energy issues as they affect national security, economic prosperity, and environmental health. The Commission has a \$10 million budget from several non-profit organizations led by the William and Flora Hewlett Foundation. The Commission is co-chaired by John Holdren (Harvard University), William Reilly (Chairman of the World Wildlife Fund, and former EPA Administrator), and John Rowe (Chairman and CEO, Exelon Corporation). In 2003 the Commission will oversee a series of public forums, interim studies, and advanced analytic modelling to examine the interactions among technologies,

policies, economic, environmental and security effects. The Commission plans to publish its final report in late 2004.

Martin T. Cadwallader was recently appointed Vice Chancellor for Research and Dean of the Graduate School at the University of Wisconsin-Madison. He is responsible for more than 8,600 graduate students in 181 master's and 125 doctoral fields of study; oversees a \$100 million school budget and over \$590 million in extramural funding for the campus; and administers over 20 cross-campus research and service centers. Cadwallader has published three books and numerous articles on urban geography and migration.

Thomas Schmidlin, Kent State University, was quoted in the 17 November 2002 issue of the *Cleveland Plain Dealer*

regarding the path of a tornado through a neighborhood that left some homes untouched and destroyed others.

Dean Sinclair, Northwestern State University in Natchitoches, Louisiana, was recently named to a four-year term on the Natchitoches Parish Planning Commission.

Jeffrey S. Smith, Kansas State University, was interviewed by a researcher employed with HBO (Home Box Office) and the CBC (Canadian Broadcast Company) regarding his research that appeared in the *North American Geographer* entitled "Los Hermanos Penitentes: An Illustrative Essay." The researcher was examining the potential link between the Penitentes and celibacy. ■

AAG Guide to Programs in Geography 2002-2003

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The *Guide* is a complete and invaluable reference for faculty, prospective students, government agencies, and private firms in the United States, Canada, and throughout the world. It includes detailed information on undergraduate and graduate geography programs in the United States, Canada, and Mexico, including degree requirements, curricula, faculty qualifications, program specialities, financial assistance, and degrees completed. The *Guide* also includes information about government agencies, private firms, and research institutions that employ geographers.

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E. Willard (Will) Miller, 87, the son of the late Archie H. and Tessie B. Master Miller, Turkey City, Pa, passed away 15 November 15 2002. He married Ruby Skinner (Miller) 27 June 27 1941, who survives.

Will received a B.S. degree from Clarion University of Pennsylvania in 1937; an M.A. from the University of Nebraska in 1939; and a Ph.D. from Ohio State in 1942. He was a long time member of St. John's United Church of Christ, Boalsburg, where he served on the consistory and financial committees.

E. Willard Miller will be remembered for many things: consummate adventurer, competent administrator, and engaging teacher, but three accomplishments stand out, he helped create the Association of American Geographers out of two rival organizations, he established the nation's number one department of geography at Penn State, and he founded the Pennsylvania Geographical Society for public school teachers and Teachers Colleges, now Universities.

Will began his teaching career at Case Western University. In 1944, Will and Ruby were recruited as geographers by the Office of Strategic Services in Washington D.C. Will received an award of merit for his services in the war effort. In 1945, Dean Edward Steidle of the College of Earth and Mineral Sciences, Penn State, recruited Will to be a member of the college, as head of the department of geography. In 1964, he was appointed Assistant Dean for Resident Instruction and in 1972 was named Associate Dean for Resident Instruction, a position he held until his retirement in 1980.

An avid explorer, Will conducted research projects in the Arctic and Alaska, Canada and Siberia, and undertook fieldwork in Central and South America as the U.S. representative to the Pan American Institute for Geography and History. Numerous travel grants and invitations supported his research on the mineral resources of the world.

A consummate scholar, Will wrote countless textbooks, bibliographies, and reference books, professional magazines,

and book chapters. He collaborated with his wife Ruby on more than 100 reference bibliographies. Key publications include *The History of the College of Earth and Mineral Sciences*, *A History of the American Society for Professional Geographers*, *An Economic Atlas of Pennsylvania*, *A Social and Economic Atlas of Pennsylvania*, and *Pennsylvania: A Keystone to Progress*. He also was the book editor for the Pennsylvania Academy of Science. Will received the Roy Hughes Whitbeck Award for the outstanding article in the field of economic geography in the *Journal of Geography*, 1950. In 2001, he received the George Miller Award of the National Council for Geographic Education as Distinguished Mentor for Graduate Level Education.

Will was an institution builder. At the end of World War II, the professional association of geographers, the Association of American Geographers (AAG), of which Will was a member, was research oriented and exclusive. As secretary and then president of the newly established and more inclusive American Society of Professional Geographers (ASPG), in 1948 Will oversaw the creation of a national organization representing all geographers through the amalgamation of the AAG and the ASPG. Concurrently, Will helped build the Department of Geography at Penn State. Will's goal was nothing less than the creation of a world-class department. Emphasizing economic geography and research, the program expanded into graduate training with the first M.S. awarded in 1948 and the first Ph.D. awarded in 1949. In 1995, the National Research Council ranked Penn State's Geography program number one in the nation. In 1952, Will founded the Pennsylvania Geographical Society (PGS), and in 1962 served as president of the society, remaining Permanent Counselor until his death. He served in many other professional capacities including Honorary Chair of the 21st Century Fund, National Council for Geographic Education.

Countless awards attest to his contributions to society. He was a fellow of the American Association for the Advance-

ment of Science and the Explorers Club, and received numerous citations for meritorious service to the Commonwealth of Pennsylvania from the Governor, and others. He was the President of the Pennsylvania Academy of Science and received the Distinguished Service Award from the Academy for his contributions. Will and Ruby were awarded the Honorary Alumni award from Penn State, and Will received the Distinguished Alumnus award from Clarion University. Will also received honorary doctorates from Clarion University and the Ohio State University. Professionally, Will received the Honors Award from the AAG, the Lifetime Achievement Award of the PGS, and the Founder's Award of Penn State's Department of Geography.

The Millers established fellowships and awards for undergraduate and graduate students at the Clarion, Ohio State, and Pennsylvania State Universities. Will and Ruby also were contributing members of: the College of Earth and Mineral Sciences Obelisk Society; the Mount Nittany and Atherton Societies of Penn State; the Galileo Society (American Geographical Society); and the President's Club at Penn State and Ohio State Universities. They also belonged to the Centre County Historical Society, Boalsburg Village Conservancy, Centre Community Hospital Auxiliary, and the Boalsburg Heritage Museum.

Will is survived by his wife of 61 years, Ruby S. Miller and two nieces Jane Hemmings of Chicago and Bernice Krapf of Myrtle Beach. Burial was in the Mausoleum at the Centre County Memorial Cemetery, State College, Pennsylvania, Rev. Allen Heckman officiated and Koch Funeral Home presided. In lieu of flowers, contributions can be made to the E. Willard (Will) Miller Scholarship Fund, Penn State Development Office, One Old Main, Pennsylvania State University, University Park, Pa. 16802.

Originally published in the *Centre Daily Times*, 25 November 2002. ■

Specialty Group News

Biogeography SG

The Fall 2002 issue of *The Biogeographer*, the newsletter of the Biogeography Specialty Group, is now available online at www.departments.bucknell.edu/geography/The_Biogeographer.

This edition contains calls for nomination for the BSG board and for the Cowles and Parsons award, calls for participation and application forms for the BSG student research and paper awards, minutes from the BSG business meeting in Los Angeles, member news, Internet resources, and more.

Cartography SG

The application deadline for the National Geographic Society Award in Cartography is 4 February 2003. The award recognizes student achievement in the art, science, and technology of mapmaking. Students submit information on mapping projects and academic performance. Last year's winner was Anthony Robinson, Department of Geography, East Carolina University; he received \$1200 and a National Geographic Atlas of the World. Please go to www.nationalgeographic.com/maps/caaward for more information or call David Miller, National Geographic Maps, at 202-775-7841.

Indigenous Peoples SG Graduate Student Paper Competition

The Indigenous Peoples Specialty Group (IPSG) invites submissions for its annual Graduate Student Paper Competition. Graduate student papers eligible for this competition will address geographic research, education, cartography, theory and/or applications by, for, or about indigenous peoples of the world. While the competition is based on evaluation of a written manuscript, to be eligible for this competition, papers must be presented at the New Orleans AAG meeting, regional geography meetings, or another professional conference. A slight preference will

be given to papers presented at the New Orleans 2003 AAG meeting. Papers will be evaluated by IPSG officers and board members, which include both faculty members and graduate students, based on their overall contribution to new knowledge and understanding in indigenous peoples geographies. That contribution may be theoretical, empirical, or methodological in nature. The award for the top student paper will include a cash award of \$150 and a one-year honorary student membership in the IPSG. Each participating student should submit a copy of their paper electronically no later than 25 February 2003 to Kate Berry, co-chair of the IPSG, at kberry@unr.nevada.edu.

Qualitative Research SG

The Qualitative Research Specialty Group (QRSG) will announce the winners of its second annual student paper competition at the New Orleans Annual Meeting. We welcome graduate students engaged in research using qualitative methods to participate. Papers for this competition must address the methods employed in the research, but need not be entirely focused on methodology. Papers must be developed from graduate research, and be presented at a professional meeting between 24 March 2002 and 5 March 2003.

All entries will be judged by a committee of faculty and student geographers. Judges will award cash prizes to the best masters student paper, and to the best Ph.D. student paper. Doctoral students who present a paper based on their masters thesis are eligible for the competition. Papers entered in other specialty group competitions remain eligible for a QRSG award.

To be considered for competition, authors should email the paper's title and a 250-word abstract to the Co-Chair of the QRSG Student Paper Competition. Include author's name, competition level (masters or doctoral), academic institu-

New Appointments

University of Guelph, Ontario, Canada. Alice J. Hovorka, Ph.D., 2003, Clark University, Assistant Professor.

University of Kentucky. Michael Crutcher, Ph.D. Louisiana State University, 2001, Post Doctoral Appointment and Lyman T. Johnson Fellow.

University of Kentucky. Tara A. Maddock, Ph.D. Ohio State University, 2001, Post Doctoral Appointment.

University of Kentucky. Kathleen O'Reilly, Ph.D. University of Iowa, 2002, Post Doctoral Appointment.

University of Minnesota, Duluth. Olaf Kuhlke, Ph.D., Kent State University, 2001, Assistant Professor.

University of Minnesota, Duluth. Stacey Stark, M.S., 1997, Colorado State, Instructor and GISL Manager.

tion, department or program, current address, phone number, email address and the name and date of the professional meeting where the paper was or will be delivered. Entrants will be emailed paper guidelines and competition rules once the abstract has been received. Six copies of the completed paper must reach the Co-Chair by mail no later than 23 January 2003. Email abstracts to Dydia LeLysér at dydia@lsu.edu. Mail copies of completed paper to Dydia DeLysér, QRSG Student Paper Competition, Department of Geography and Anthropology, 227 Howe/Russell Hall, Louisiana State University, Baton Rouge, LA 70803; voice 225-578-5942; fax 225-578-6172.

For more information contact Dydia DeLysér at the address above, or Hilda Kurtz at hkurtz@uga.edu. ■

Full Tables Available for Purchase Annual Meeting Banquet and Awards Luncheon

The AAG Annual Meeting Banquet will be held on Friday, 7 March 2003 in New Orleans, Louisiana. This year's banquet will feature Jan Monk's Past President's Address. We invite you to join us and enjoy the event with your colleagues, friends, and family. **New this year: we are offering the purchase of 10 discounted tickets to reserve a full table.** If you wish to reserve a full table for your department, AAG Specialty Group, students, or friends, you may do so at this time. Individual tickets are \$55 and tickets for a table (seats 10) are \$530. If you have not yet paid your registration fee, you may purchase tickets online at the time you pay. If you have already paid your registration fee, please fax or mail us this form to 202-234-2744 or 2003 AAG Annual Meeting, Association of American Geographers, 1710 Sixteenth St. NW, Washington, DC 20009-3198. For more information contact meeting@aag.org.

2003 AAG Annual Meeting Special Events Form
New Orleans, Louisiana, USA
5-8 March 2003

Special Events	Single Ticket	Qty	Table for 10	Qty
AAG Banquet 6:30 - 8 p.m. Friday 3/7/2003	\$55.00	_____	\$530.00	_____
AAG Awards Luncheon 11:40 a.m. - 2 p.m. Saturday 3/8/2003	\$40.00	_____	\$380.00	_____

(Tickets may be picked up at the AAG registration desk in New Orleans,
located on the 3rd floor at the Hyatt Regency)

Name: _____

Organization: _____

Total Amount: \$ _____

Payment Method: Check or money order (payable to the Association of American Geographers)

Visa or MasterCard Number: _____ Exp. Date: _____

Signature: _____

New Members

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

Wayne Adamcik, College Station, TX

Hector Aguirre, Carlsbad, CA

Debbie Allen, San Antonio, TX

Vicky Bernecky, Clarion, PA

E. Brazille, Oklahoma City, OK

Joe Chapa, San Antonio, TX

Kelly Combs, Franklin, OH

Rachel Crowe, Denton, TX

Craig Dalton, Bloomsburg, PA

James Dobson, Johnson City, TN

Peter Eilers, Salem, OR

Michael Goldberg, San Antonio, TX

Ross Goodrich, Ingleside, IL

Barbara Harteis, Indiana, PA

Donna Hartz, Scottsdale, AZ

Geoffery Hatchard, State College, PA

Joel Henrie, Denton, TX

Vince Herrera, San Antonio, TX

Kimberly Hogan, Chagrin Falls, OH

Fumiko Ito, Tokyo, Japan

Jennifer Karpis, Portland, OR

Mark Lindsey, Denton, TX

Reese Madrid, San Francisco, CA

Elizabeth Martis, Stow, OH

Brenden Mcneil, Syracuse, NY

Anne Mctavish, San Francisco, CA

Nathan Michaud, Rockland, ME

Jennifer Minor, San Marcos, TX

Emily Moberg, Blacksburg, VA

Cynthia Moudy, Topsfield, MA

Tiffany Muller, Minneapolis, MN

Ryan Nyerges, Columbia, MO

Kelley O'neal, Tucson, AZ

Brian Pangtay, San Antonio, TX

Shankari Patel, Los Angeles, CA

Bryan Penfold, Petaluma, CA

Sarmina Rahman, Honolulu, HI

Catherine Ruis, Tannersville, PA

Alex Sikes, Murfreesboro, TN

Aaron Starr, Tuckerton, NJ

Eric Stauber, San Antonio, TX

Laura Stroup, Columbia, SC

Dante Gideon Vergara, East Lansing, MI

Young-Doo Wang, Newark, DE

The Newberry Library Offers "Everyday Maps" Institute for Teachers

30 June – 25 July 2003

The Newberry Library's Hermon Dunlap Smith Center for the History of Cartography invites school teachers across the United States to apply for its 2003 National Endowment for the Humanities (NEH) summer institute, "Everyday Maps: Teaching and Historical Perspectives." The institute, led by Smith Center Director James R. Akerman, will explore the culture and history of commonplace maps and will help teachers develop skills and strategies for using these maps to teach a variety of school subjects. The institute will be held at the Newberry Library, in the heart of Chicago's Near North Side, from 30 June to 25 July 2003. During the four weeks of the

institute a distinguished faculty from the fields of geography, history, art history, and literature will lead participants in a program of lectures, workshops, and collective discovery of the most common types of maps, including atlases, pedagogic maps, journalistic cartography, transportation cartography, and maps in advertising, literature, and the arts. Participants will have the opportunity to research and develop their own lesson plans or activities utilizing the Newberry's internationally renowned collection of historic maps.

Teachers of a wide variety of courses and grade levels at public and private schools are encouraged to apply. Com-

pleted applications must be postmarked no later than Monday, 3 March 2003. Successful applicants will receive a stipend of \$2,800 to help defray travel and housing expenses. For further information and application materials, contact Susan Hanf, The Newberry Library, 60 W. Walton Street, Chicago, IL 60610; e-mail hanfs@newberry.org; phone 312-255-3659. Information and application materials are also available at www.newberry.org/K12/everydaymaps. "Everyday Maps" is supported by a grant from the National Endowment for the Humanities. ■

Award Deadlines

JANUARY

1. China SG Student Paper Competition. Contact Dr. Xiaoping Shen at shenx@ccsu.edu.

10. Biogeography SG Student Paper Competition. Contact Susy Ziegler at ziegler@geog.umn.edu.

10. PA Historical and Museum Commission's Scholars in Residence, www.phmc.state.pa.us.

15. Women's International Science Collaboration Program, www.aaas.org/international/wiscnew.shtml.

17. Environmental Perception and Behavioral Geography SG 2003 Saarinen Student Paper Competition and Travel Grant awards. Contact Karen Barton at bartonk@uww.edu or see www.dean.usma.edu/geo/Geog/EPBG/index.htm.

23. Cultural Geography SG Student Paper competition. Contact Owen Dwyer at odwyer@iupui.edu.

23. Socialist and Critical Geography SG Student paper competition. Contact Salvatore Engel-Di Mauro at sengeldi@uwsj.edu.

23. Qualitative Research SG Student Paper Competition. Contact to Dydia LeLyser at dydia@lsu.edu.

28. NSF Coupled Biogeochemical Cycles (CBC) grant competition, www.geo.nsf.gov/be-03.htm.

31. Economic Geography SG Student Paper Competition. Contact Tom Klak at klakt@muohio.edu.

31. Ethics, Justice, and Human Rights SG Student Paper Competition. Contact Malcolm Cutchin at mpcutchi@utmb.edu.

31. Latin American SG Student Paper Competition. Contact Taylor Mack at tmack@ra.msstate.edu.

31. National Security Education Program, David Boren Graduate Fellowships, www.aed.org/nsep.

FEBRUARY

1. Water Resources SG Student Awards, www.cla.sc.edu/geog/wrsg/Awards/Awards.htm.

3. Community Forestry Research Fellowships, www.cnr.berkeley.edu/community_forestry/.

4. National Geographic Society Award in Cartography, www.nationalgeographic.com/maps/caward.

15. George and Viola Hoffman Fund Award, www.aag.org/Grantsawards/Hoffmanfund.html.

15. Regional Development and Planning/Asian Geography Student Award. Contact Jayati Ghosh at jghosh@dominican.edu.

21. Ethnic Geography SG Student Paper Award. Contact Ira M. Sheskin at isheskin@miami.edu.

25. Indigenous Peoples SG Graduate Student Paper Competition. Contact Kate Berry at kberry@unr.nevada.edu.

29. Disability SG Student Paper Competition. Contact Todd Reynolds at kylun@rocketmail.com.

MARCH

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

JULY

15. Women's International Science Collaboration Program, www.aaas.org/international/wiscnew.shtml. ■

New Orleans Program Chairs Luncheon Meeting

A luncheon for geography program chairs will be held on Wednesday, 5 March 2003 in Cabildo B of the Hyatt Regency New Orleans hotel. The meeting will start at 11:40 a.m. and continue till 2:00 p.m., with AAG Vice President Alec Murphy presiding. Please forward items for the agenda to Murphy at abmurphy@oregon.uoregon.edu.

A buffet lunch will be served at the meeting. The cost for the lunch is \$15.00, inclusive. Reserve your place at the meeting by contacting Ehsan Khater at ekhater@aag.org no later than 26 February 2003. ■

AAG Specialty Group Chairpersons Meeting

A meeting for the chairpersons of AAG Specialty Groups will be held on Tuesday, 4 March 2003 in Beaugard C of the Hyatt Regency New Orleans hotel. The meeting will start at 3:30 p.m. and continue till 5:00 p.m., with AAG Councillor Victoria Lawson presiding. Please forward items for the agenda to Lawson at lawson@u.washington.edu. Also, please let Ehsan Khater (ekhater@aag.org) know if you or a designate plan to attend. ■

NSF Doubling Act Signed into Law

The National Science Foundation Authorization Act of 2002 (H.R. 4664), signed into law on 19 December 2002, authorizes a budget increase of 105 percent for the NSF, from \$4.8 billion in FY 2002 to \$9.8 billion in FY 2007, doubling NSF's budget over five years. The National Council for Science and the Environment (NCSE), worked with the Association of American Geographers (AAG), the Consortium of Social Science Associations (COSSA), and other scientific organizations to provide background materials for this legislation.

"This is landmark legislation," said Science Committee Chairman Sherwood Boehlert (R-NY), who championed the bill in the House. "From our nation's students, to our economy, and to our security, the fruits of this effort will be enjoyed for many years to come."

Senator Edward Kennedy (D-MA), who sponsored the bill in the Senate, said, "I am pleased the president has signed the National Science Foundation

Reauthorization Act of 2002. It is the product of extensive bipartisan and bicameral negotiations. Few people realize how influential the NSF has been on their daily lives."

"These efforts will pay off in the form of continued scientific breakthroughs that will improve our lives in ways that we can only imagine today," noted Nick Smith (R-MI), Chairman of the House Science Subcommittee on Research.

Rep. Eddie Bernice Johnson (D-TX), Ranking Member of the Science Subcommittee on Research, lauded the bill, "This is truly an historic piece of legislation for science policy in the United States that will have a profound and lasting effect on the future prosperity of our nation... I look forward to working with my colleagues on both sides of the aisle and in the other body to ensure that NSF is fully funded under these new authorization levels."

"Passage of this bill is a great achievement," said Rep. Vernon Ehlers (R-MI). "Doubling the NSF budget has been a goal

that I have worked on since coming to Congress. The research results, while not clear now, will reap huge benefits in the future." He added, "I am especially pleased that this legislation incorporates my proposal to develop master teachers with strong backgrounds in math and science."

In its final form, the NSF authorization bill incorporates provisions from four other bills:

- National Mathematics and Science Partnerships Act (H.R. 1858)
- Technology Talent Act (H.R. 3130)
- National Science Education Act (H.R. 100)
- Plant Genome and Gene Expression Research and Development Act (H.R. 2051)

For further information, including budget information, visit <http://NCSEonline.org/Updates> or contact Dr. Craig Schiffries at schiffries@NCSEonline.org. ■

Nominations Invited for AAG Honors

The Honors Committee of the Association of American Geographers invites nominations for AAG Honors to be conferred in 2004. AAG Honors are given in recognition of outstanding contributions to the advancement or welfare of the profession in five categories: Lifetime Career Honors, Distinguished Scholarship Honors, Distinguished Teaching Honors, Ronald F. Abler Distinguished Service Honors, and Gilbert Grosvenor Honors for Geography Education. Normally no more than one award will be made in each category. No more than six individuals may be recommended for AAG Honors in a single year. In addition to Honors, the committee may recommend a Publication Award and a Media Achievement Award.

Nominees must be AAG members if they are residents of the United States; if they reside elsewhere the membership requirement is waived. In some cases, professionals from other disciplines or professions are eligible for consideration. Geographers or other professionals previously hon-

ored may be nominated again for distinction achieved since their first awards. See the Handbook section of a recent issue of the *Guide to Programs in Geography in the United States and Canada and AAG Handbook and Directory of Geographers* for a complete list of past Honors Award recipients. The deadline for nominations is 1 March 2003.

Send six copies of the nominating letter and the candidate's CV to Judy Olson, Chair of the Honors Committee, Department of Geography, Michigan State University, East Lansing, MI 48824-1115 or to olsonj@msu.edu. Electronic submissions via email are acceptable. The nominating letter should provide justification for the award and may include a proposed citation of no more than 200 words. Solicitation of support letters from additional nominators is welcomed but should be limited to no more than five. Other members of the Honors Committee are John Agnew, Nina Lam, Geraldine Pratt, Richard Morrill, and Gary Gaile. ■

Jobs in Geography

UNITED STATES

*ARIZONA, FLAGSTAFF 86011-5016. Northern Arizona University, Flagstaff, Department of Geography and Public Planning. Full-time tenure track **Assistant Professor** effective Fall 2003 in **Geographic Information Science**.

Preference will be given for additional interest in Physical Geography, Natural Resource Management, or Environmental Planning; and a Ph.D. in Geography (or closely related field), completed by August 2003. The ideal applicant would contribute to the Geographic Information Management emphasis degree and certificate programs in the Department. Prior college teaching and experience with ESRI products and CAD is desired. Specific duties will include: (1) teaching introductory and advanced GIS courses, (2) teaching other geography courses, especially in area of specialization, (3) advising and supervising undergraduate and graduate geography students, (4) engaging in scholarly research, and (5) providing service to the campus and the community.

Please send a letter of application including brief statements of teaching philosophy and research interests, curriculum vitae, transcripts, and three letters of recommendation. The search will remain open until the position is filled or closed; however, the screening committee will begin reviewing applications on 15 January 2003. JAN 03-25.

Apply: Search Committee Chair, Department of Geography and Public Planning. Voice 928-523-2650. Fax 928-523-1080. E-mail geog@nau.edu; please visit <http://www.geog.nau.edu/ap.html> for full position description. Northern Arizona University, an affirmative action, Equal Opportunity Employer and Educator, is committed to excellence through diversity.

ARIZONA, TEMPE 85287-0104. Arizona State University. **Assistant Professor, Human Geography**. Full time, tenure track position beginning 16 August 2003. Position is part of College of Liberal Arts and Sciences Information Infusion Initiative to develop students' abilities to locate, organize, store, retrieve, evaluate, synthesize, and annotate information from print, electronic, and other sources in preparation for solving problems and making informed decisions. We seek a human geographer with urban interests. Candidate must have a Ph.D. in geography or a closely allied discipline by the date of appointment with

demonstrated potential for excellence in teaching and research in urban geography and the use of information technology for geographical research and instruction. We desire a candidate with teaching and research expertise in one or more of the following methods: Geocomputation, Geographic Information Science, Qualitative Techniques, Remote Sensing. Submit letter of application including professional goals, statement of teaching philosophy, curriculum vitae, along with names, addresses, phone numbers, and e-mail addresses of three references by 15 January 2003. Applications must be postmarked by the closing date. Departmental review of applications will begin on that date; if not filled, every Friday thereafter until search closed. Detailed information about the department and this position can be found on the E-mail at <http://geography.asu.edu> Arizona State University is an equal opportunity, affirmative action employer. DEC 02-247.

Apply: Daniel D. Arreola, Chair, Search Committee, Department of Geography, PO Box 870104. E-mail daniel.arreola@asu.edu.

CALIFORNIA, BERKELEY 94720-1500. University of California, Berkeley. S.V. Ciriacy-Wantrup Postdoctoral Fellowship. Fellowships will be awarded for the 2003-2004 academic year to support advanced research to scholars working in the areas of Agricultural & Natural Resource Economics, Business, Energy Studies, Environmental Engineering, Environmental Sciences, Forestry, Geography, Law, Natural Resource Management, Public Health, and Public Policy. Preference will be given to proposals whose orientation is broadly institutional or historical, and which are conceptually and theoretically innovative. Proposals with a primarily statistical or econometric orientation are not eligible for consideration. Further information can be found at <http://research.chance.berkeley.edu/ciriacy/> Questions may be directed to Kristen Jensen by e-mail at kjensen@uclink.berkeley.edu or by phone at 510-643-4797. DEC 02-280.

CALIFORNIA, DAVIS 95616. Director, Tahoe Environmental Research Center. <http://>

"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

johnmuir.ucdavis.edu/terc_dir.html. The University of California, Davis, invites nominations and applications for an 11-month position as Director (50%), Tahoe Environmental Research Center (TERC) and Professor (50%). The director will provide academic and administrative leadership for the TERC and conduct research and teach at both undergraduate and graduate levels in an appropriate academic department at UC Davis. The TERC will be located on the north shore of Lake Tahoe in California, a 2.5-hour drive from the Davis campus. Research at the Center will focus on the physical, chemical, and biological effects of human development on the ecology of freshwater lakes, streams and watersheds, including various aspects of water quality, air quality, forest health, biodiversity, and socioeconomics. The web site has additional information and instructions on how to apply. Nominations and applications should be received by 10 January 2003. The University of California, Davis is an equal opportunity /affirmative action employer. DEC 02-252.

***CALIFORNIA, NORTHRIDGE 91330-8249.** California State University, Northridge. Full-time tenure track **Assistant/Associate Professor** effective August 2003 in **Geography Education**. Applicants must have a Ph.D. in Geography in hand, or near completion, at time of appointment. Applicants that do not have a Ph.D. in hand at time of appointment will be appointed as one-year lecturers and converted to tenure track at completion of the doctorate. A Ph.D. will be required for the granting of tenure.

Applicants must combine a high level of academic expertise in Geography and History with a focus on Geographic Education. Research and teaching interests in Geographic Education are expected. In addition, the successful candidate will have a regional specialization in the United States with an ability to teach California for Educators, a geography/history course for teachers. Ability to teach World Regional Geography is also desirable. Other areas of specialization are open.

Teaching responsibilities will include California for Educators, and lower and upper division general education courses. The successful candidate will develop curriculum for K-12 teachers which may involve partnering with other disciplines in the College of Social and Behavioral Sciences. Outreach activities to local area schools will be important. Contribution to the department's program at all levels is expected.

Cal State Northridge is a large, primarily undergraduate institution with a strong commitment to teaching and teacher education.

Applicants should demonstrate a firm commitment to excellent teaching as well as to research and service. The candidate should demonstrate a strong commitment to teach a diverse student population. The normal teaching load is 12 units per semester, although a reduced teaching load is usually available the first year of appointment. The Department's web page is at www.csun.edu/geography. CSUN is an Equal Opportunity, Title IX, Section 503 and 504 employer. If not a U.S. citizen at the time of appointment, the successful candidate must have authorization from Immigration and Naturalization Services to work within the United States.

To apply, send letter of application, curriculum vitae, three letters of recommendation, and, if possible, evidence of teaching effectiveness. Deadline for applications and receipt of supporting materials is 15 March 2003. JAN 03-16.

Apply: Geographic Education Recruitment Chair, Search and Screening Committee, Department of Geography, California State University, Northridge, CA 91330-8249.

CALIFORNIA, NORTHRIDGE 91330-8249. California State University, Northridge. Full-time tenure track **Assistant Professor** effective August 2003 in **Environmental Geography**. Applicants must have a Ph.D. in Geography in hand, or near completion, at time of appointment. Applicants that do not have a Ph.D. in hand at time of appointment will be appointed as a one-year lecturer and converted to tenure track at completion of the doctorate. A Ph.D. will be required for the granting of tenure. We welcome applications from candidates who are broadly trained environmental specialists with expertise in human-environment interactions; other desirable areas of interest include resource and environmental management, habitat restoration, conservation, environmental impact assessment and writing, biogeography, and environmental hazards. Applied experience, familiarity with the American west, and ability to use GIS and related research technologies are also advantageous.

Teaching responsibilities will include lower division general education courses in physical and/or human geography, upper division courses in human impacts on the environment, soils and vegetation, conservation, and environmental impact statements, plus advanced and graduate courses in area of specialization.

Cal State Northridge is a large, primarily undergraduate institution with a strong commitment to teaching and teacher education. Applicants should demonstrate a firm commitment to excellent teaching as well as to research and service. The candidate should demonstrate a strong

commitment to teach a diverse student population. The normal teaching load is 12 units per semester, although a reduced teaching load is usually available the first year of appointment. The Department's web page is at www.csun.edu/geography. CSUN is an Equal Opportunity, Title IX, Section 503 and 504 employer. If not a U.S. citizen at the time of appointment, the successful candidate must have authorization from Immigration and Naturalization Services to work within the United States.

To apply, send letter of application, curriculum vitae, three letters of recommendation, and, if possible, evidence of teaching effectiveness. Deadline for applications and receipt of supporting materials is 1 March 2003. DEC 02-262.

Apply: Chair, Search and Screening Committee, Department of Geography, California State University, Northridge, CA 91330-8249.

CALIFORNIA, SAN BERNARDINO 92407-2397. California State University, San Bernardino, Department of Geography, anticipates funding will be available for a tenure-track position at the rank of **Assistant Professor** beginning September 2003. We seek a **Social Geographer** with teaching and research interests in **U.S.-Mexico Borderlands**. The successful candidate must be able to develop and teach one or more courses on topics related to the Borderlands region. In addition, ability to teach introductory geography courses that fulfill general education requirements is expected. The applicant should demonstrate an ability to work with undergraduate students and a willingness to engage them in practical research. Doctorate in Geography at time of appointment is preferred. Candidates will be expected to meet the traditional requirements of excellence in teaching, active scholarly and professional work, and service to the community and the University. Salary is dependent upon qualifications and experience. Generous medical, dental and vision benefits, and support for moving expenses are available. A current vita with letter of application that includes statement on teaching philosophy and strategies, research/professional accomplishments and academic goals are to be sent to this department by 15 December 2002, or until position is filled. Also submit the names, telephone and fax numbers, and e-mail addresses of three references, along with an official copy of the most recent transcripts. DEC 02-279.

Apply: Dr. James L. Mulvihill, Chair, Department of Geography, California State University, San Bernardino, 5500 University Parkway, San Bernardino CA 92407-2397. Voice 909-880-5519. E-mail mulvihill@csusb.edu.

***CALIFORNIA, SAN FRANCISCO 94132.**

San Francisco State University invites applications for an outstanding senior professor (**Associate Professor** or **Professor** rank with tenure) to serve as **Director** of our innovative, three-year old, growing, interdisciplinary **Environmental Studies Program**. Successful applicants must: be an excellent leader and spokesperson for the Program in The College of Behavioral and Social Sciences, and San Francisco State University realms; have demonstrated ability to: secure external funding to help support curriculum development, laboratory instrumentation, and Program infrastructure; be an accomplished researcher in Environmental Studies, have taught successfully in Environmental Studies or related fields, and be skilled at collaborating and leading the many Environmental Studies Program faculty from different academic fields. The qualifications for the position are: a doctoral degree in Environmental Studies or related field; a highly accomplished research and publication record and teaching experience and national visibility in the field of Environmental Studies. For information about the SFSU Environmental Studies Program, please view the Program's website: <http://bss.sfsu.edu/envstudies>.

Application process: please send a letter of application, a curriculum vita, three letters of reference, and a statement of academic leadership philosophy to the address below. JAN 03-24.

Apply: Dr. Joel Kassiola, Dean, College of Behavioral and Social Sciences, San Francisco State University, 1600 Holloway Avenue, San Francisco, CA 94132. Voice 415-338-1846. Fax 415-338-1980. E-mail kassiola@sfsu.edu.

Applicant screening will begin 15 February 2003 and continue until the position is filled. San Francisco State University is a member of the California State University System and serves a diverse student body of over 28,000 undergraduate and graduate students. The mission of the University is to promote scholarship, freedom, human diversity, excellence in instruction and intellectual accomplishment. We are particularly interested in attracting women, ethnic minorities, and persons with disabilities. San Francisco State University is an Affirmative Action Equal Opportunity Employer.

DISTRICT OF COLUMBIA, WASHINGTON

20057. Assistant Professor in Science, Technology and International Affairs. The School of Foreign Service at Georgetown University invites applications for a tenure-track position in the Program in Science, Technology and International Affairs (STIA) from scholars who specialize in

fields related to business, information and communications, as well as from candidates in all the subfields listed below. We would be especially interested in scholars who specialize in the study of technology, its impact and its relations to business and policy.

The STIA program (see www.georgetown.edu/sfs/programs/stia) offers an undergraduate major to more than 100 students in the Walsh School of Foreign Service. It addresses the intersection of science, technology, business and government in an international context, and is organized into four subfields: "Business, Information and Communications," including the impact of innovations in information technology on business, government and international affairs, "Biotechnology and International Health," including political, economic, social and cultural factors, "Technology and Security," including nuclear proliferation, technology and military strategy, and unconventional security threats, and "Environment," including environmental science, politics and economics.

Consideration of candidates for this position will begin on 31 October 2002, and will continue until the position is filled. Candidates for these positions will be judged on the basis of their record in both teaching and scholarship. Georgetown University is an equal opportunity/affirmative action employer. Candidates should submit a statement of interest, a resume, copies of representative publications and the names of three referees to the address below. DEC 02-253.

Apply: Chair, STIA Search Committee, c/o Dr. Peter Dunkley, Associate Dean for Faculty Affairs, Edmund A. Walsh School of Foreign Service, 301 ICC Building, Georgetown University, Washington DC 20057.

FLORIDA, ST. PETERSBURG 33701.

The University of South Florida St. Petersburg is seeking an **Assistant Professor** for a tenure-track position in the area of **critical human geography and social theory**. The candidates for the position will have research interests in one of the following areas: critical engagement with landscape and/or social space, critical theoretical approaches to human environment interactions, political economy of development and underdevelopment, gender and feminist theory and/or globalization, and human rights. An ideal candidate will bring a strong social theoretical background to the study of any of the above thematic areas as well as combine some of them in her/his research. There is a strong possibility of graduate level teaching and advising, but a strong commitment to undergraduate teaching while

maintaining a vigorous research agenda is a must. Ability to teach a techniques course, e.g., GIS or remote sensing desirable but not required. Qualifications: Earned doctorate at the time of appointment in Geography or related fields with specialization in critical human geography and social theory. Must be able to teach social theory and spatial structures, as well as several classes in the area of critical theoretical approaches to human environment interactions, political economy of development, gender roles or human rights. Preferred Qualifications: college teaching experience with evidence of strong teaching skills and a strong research agenda and record of publishing in relevant scholarly journals.

Responsibilities: Teach Cultural Geography, Social Theory and Spatial Structures, Gender and Geography, and other courses within specialty. May have opportunity to teach in graduate program. Teaching load is 3/2. Other responsibilities include maintaining an active research and publication program and performing university service as needed. DEC 02-289.

Apply: Dr. Rebecca Johns, Chair of Geography Search Committee, 140 Seventh Avenue South. Application Deadline: All applications must be received by 15 January 2003.

***FLORIDA, TALLAHASSEE 32306.**

Florida State University. Tenure-track Assistant Professor position in **Geographic Information Systems** beginning August 2003. Ph.D. required. The applicant must demonstrate strong potential for an active research program, effective teaching, and external funding. More information on the department and this position is available at <http://www.fsu.edu/~geog>. Applicants should submit curriculum vitae, letter of interest, sample publications, and three letters of reference by 28 February 2003. Florida State University is an affirmative action, equal opportunity institution and strongly encourages applications from women and minorities. JAN 03-17.

Apply: Dr. Jay Baker, Dept. of Geography. Voice 850-644-8380. Fax 850-644-5913. E-mail jbaker@coss.fsu.edu. Submission of c.v.'s by E-mail is strongly encouraged.

***HAWAII, HONOLULU 96822.**

The University of Hawaii Department of Geography seeks to fill a full-time, 9-month, tenure-track faculty position in the area of **marine resources** with a regional focus on the Pacific. The appointment is expected to be at the level of **Assistant Professor**, is to start August 2003, and is contingent on position clearance and funding. Applicants with any combination of interests and expertise consistent

with the foregoing will be viewed with great interest. The Department is particularly keen to receive applications from those working at the interface of the natural and social sciences, or able to apply such sciences to policy- or management-relevant questions.

Applicants are expected to hold a doctorate in geography or a relevant field at the time of appointment. Salary range: \$36,720-54,336 per year, commensurate with qualifications and experience. Applications should include a letter of introduction describing the candidate's research and teaching interests, a CV, and the names and contact information of three individuals who can provide references. Review of applications will begin on 20 January 2003, and continue until the position is filled. JAN 03-09.

Applications should be addressed to: Chair of the Personnel Committee, Dept. of Geography, Saunders Hall 445, Honolulu, HI 96822. EEO/AA employer. Also posted at <http://workatuh.hawaii.edu>.

ILLINOIS, CHARLESTON 61920. Eastern Illinois University. The Department of Geology/Geography seeks a **Human Geographer** for an entry level, tenure-track **Assistant Professor** position beginning August 2003. A Ph.D. is required at time of appointment. Teaching experience is preferred. We seek applicants specializing in economic geography, agriculture or rural development, natural resources, and human-environment interactions; a regional specialization in Africa is desirable. The successful candidate is expected to teach some combination of introductory cultural and/or world regional geography, economic geography, human impact on the environment, a regional geography course, and Senior Seminar. Dedication to undergraduate teaching and collaborative student/faculty research is expected. A successful candidate would also be expected to contribute to research studies in the local region. Faculty members must maintain excellence in teaching, be active in research/scholarly activity in their specialty, and engage in service for tenure and promotion.

Send a letter of application, curriculum vitae, three letters of reference, and undergraduate and graduate transcripts, by 31 January 2003. Review of applications will begin 31 January 2003 and continue until the position is filled. DEC 02-273.

Apply: Dr. Vincent P. Gutowski, Chair, Search Committee, Department of Geology/Geography, 600 Lincoln Avenue. Voice 217-581-3825. Fax 217-581-6613. E-mail cvpvg@eiu.edu. Eastern Illinois University is an Affirmative Action/Equal Opportunity employer.

Department home page <http://www.eiu.edu/~geoscience>.

***IOWA, AMES 50011.** The Department of Community and Regional Planning at Iowa State University is seeking to fill one tenure-track or tenured faculty position at the rank of **Assistant** or **Associate Professor** starting 15 August 2003. The primary area of expertise in this position is **geographic information systems (GIS)** technologies and applications related to planning. The successful candidate will be expected to be involved in teaching/research and extension/outreach activities.

Candidates at the assistant professor level must have, at a minimum, the following qualifications: a Master's degree in planning with five years of field GIS experience plus AICP membership or eligibility; OR, a Ph.D., at the time of appointment, in planning or related discipline with one or more years of field GIS experience plus AICP membership or eligibility. Candidates at the associate professor level must have a Ph.D. in planning or related discipline with six or more years of teaching (at the university level), research, and outreach experiences in GIS plus AICP membership or eligibility.

Preferences will be given to candidates who have a Ph.D. in planning and a demonstrated record of teaching (at the university level), research, and outreach experiences in GIS. The preferred skills include vector and raster GIS database design and creation, geographic data analysis and modeling, and data visualization in the environment of ArcView GIS, ArcGIS/ArcInfo, and their extensions. Expertise in remote sensing and global positioning system (GPS) is also desirable. Salary is competitive.

Applicants should send a letter of interest, a copy of their curriculum vitae, names of three references, and examples of their GIS work. The letter should address the applicant's qualifications, courses the applicant is prepared to teach, applicant's research interests, outreach experiences, GIS background and GIS field experience. Review of applications will begin 15 January 2003, and will continue until the position is filled. Applications should to be mailed to the address below. JAN 03-11.

Apply: Dr. I-Shian (Ivan) Suen, Chair of CRP GIS Faculty Search Committee, 126 College of Design, Iowa State University, Ames, Iowa 50011-3095. Voice 515 294-8958. Fax 515 294-4015. E-mail isuen@iastate.edu.

The department of community and regional planning is located within the College of Design. Opportunities for multidiscipline work

with such fields as landscape architecture, architecture, and graphics design are readily available. The department offers two accredited planning degrees: Bachelor of Science in Community and Regional Planning and Master's in Community and Regional Planning. The department also offers joint Master's degrees with Architecture, Landscape Architecture, Public Administration, and Business Administration. In addition, the department offers a master's degree in Transportation Planning jointly with the departments of Civil Engineering and Transportation and Logistics. Presently, faculty and students are actively engaged in research and outreach in such areas as transportation planning, comprehensive planning, growth management, environmental planning, community economic development, and rural policy and planning issues. For more information about the department, visit <http://www.public.iastate.edu/~design/crp/crp.html>.

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

IOWA, CEDAR FALLS 50614-0406. University of Northern Iowa. **Assistant Professor.** Tenure-track position beginning August 2003. Ph.D. required. Expertise in **Geographic Information System (GIS) Applications**, involving spatial analysis in human geography and the social sciences. Teaching duties to include introductory Human Geography, introductory GIS, and advanced GIS with applications in aspects of the social sciences. University-level teaching experience preferred; and demonstrated potential for research and scholarship is required. This is a new faculty position to join two current colleagues with responsibilities for our growing GIS program. Geography is scheduled to move into a newly renovated building with state-of-the-art facilities in 2005. Salary is commensurate with qualifications and experience. For more information about the Department, visit our home page at <http://www.uni.edu/geography>. The Department encourages applications from minority persons, women, persons with disabilities, and Vietnam era veterans.

Submit letter of application, curriculum vitae, and the names and contact information of three references. Deadline for receipt of applications is 16 January 2003. DEC 02-246.

Apply: Philip W. Suckling, Head, Department of Geography. Voice 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. The University of Iowa. Tenure-track, **Assistant Professor** in the Department of Geography beginning August 2003. The successful candidate will have a strong research program and teaching expertise on the **environment of East Asia**. The position requires teaching at both undergraduate and graduate levels to strengthen the Department's program in environmental studies. Ph.D. at time of appointment and teaching experience are desired. Salary commensurate with ability. The candidate will have the opportunity to work with a community of scholars in international and environmental studies, including the Center for Asian and Pacific Studies. Submit a vita and a letter describing research and teaching experience, and arrange to have three letters of reference sent. Screening will begin 10 December 2002. The University of Iowa is an Affirmative Action/Equal Opportunity Employer; women and minorities are strongly urged to apply. Send application materials to the address below. DEC 02-250.

Apply: George Malanson, Search Committee Chair, Department of Geography, 316 Jessup Hall. Voice 319-335-0540. Fax 319-335-2725. E-mail george-malanson@uiowa.edu. For additional information about the department see www.uiowa.edu/~geog.

KENTUCKY, BOWLING GREEN 42101-3576. Western Kentucky University. The Department of Geography and Geology invites applications for a tenure-track **Environmental/Physical Geographer** position beginning August 2003. Ph.D. preferred, but exceptional ABD applicants will be considered. Demonstrated teaching and research expertise in hydrology (land surface and atmospheric), water resource management, water quality, and wetlands are required. Ability to teach remote sensing and its integration/application highly desirable. Expertise in grant writing and administration preferable. Send a letter of application, curriculum vitae, and the names of three references to the address below. DEC 02-258.

Apply: Search Committee Chair, Department of Geography and Geology, Western Kentucky University, One Big Red Way, Bowling Green, KY 42101. Review of applications will begin 15 January 2003, and will continue until the position is filled. Detailed information about the Department is available online at www.wku.edu/geoweb. All qualified individuals are encouraged to apply including women, minorities, persons with disabilities and disabled veterans. Western Kentucky University is an Affirmative Action/Equal Opportunity Employer.

KENTUCKY, LEXINGTON 40506-0027. The University of Kentucky Department of Geography invites applications for a full-time, tenure-track **Assistant Professor** position to begin August 2003. We are committed to hiring a person who will contribute significantly to diversifying the faculty at our institution and to serving an increasingly diverse student body. We seek a scholar in **Urban and Cultural Geography** with regional expertise in the U.S. South. Specializations in the areas of African-American experience in the South, race and urban space, public space and identity, and social policy, are particularly desirable.

The Department of Geography has been designated as one of 11 centers of research excellence at the University of Kentucky by the Commonwealth of Kentucky Council on Post-Secondary Education, and offers a collegial and supportive environment for tenure-track faculty members. The Department of Geography recognizes and appreciates the value of a diverse academic community, and the University of Kentucky is a pro-active Affirmative Action employer. The successful applicant will be expected to make significant and sustained contributions to relevant areas of research and scholarship. Teaching duties will include courses at the undergraduate and graduate levels in Geography, and one course per year in the African American Studies and Research Program.

Applicants should have the Ph.D. in hand and should have begun to establish a record of excellence in scholarship and teaching. Each applicant should submit a statement outlining his or her past and current research and plans for future research; a statement describing his or her teaching experience and approach to instruction; a complete c.v.; and the names, addresses and e-mail addresses for three referees. The review of applications will begin on 15 January 2003 and continue until the position is filled. DEC 02-286.

Apply: Dr. John Paul Jones, III, Chair, Search Committee, Department of Geography, University of Kentucky, 1457 Patterson Office Tower, Lexington, KY 40506-0027 USA. Voice 859-257-8851. E-mail geg172@uky.edu.

KENTUCKY, LEXINGTON 40506-0027. The University of Kentucky Department of Geography invites applications for a tenure-track position in **Human Geography** with an emphasis on **critical social theory**, to begin August 2003. Appointment will be at the **Assistant** or **Associate** level, with the possibility of appointment at the Full Professor level in an exceptional case. We welcome applications from scholars who

have demonstrated their ability or potential to make significant and sustained contributions to human geography. Excellence in an area of research that would strategically extend existing departmental strengths (see <http://www.uky.edu/ArtsSciences/Geography/>) is sought. An applicant's research and publishing program should draw upon and contribute to critical approaches in, for example, political economy, poststructuralism, critical race theory, political ecology, psychoanalysis, feminist theory, queer theory, or postcolonialism. Substantive research and teaching interests may be in any area of human geography. International expertise is desirable, though not necessary. We seek a person interested in further strengthening our links with relevant interdisciplinary programs, including the Committee on Social Theory (<http://www.uky.edu/AS/SocTheo/>). Academic responsibilities include undergraduate and graduate level instruction as well as graduate student advising and mentoring.

The Department of Geography has been designated as one of 11 centers of research excellence at the University of Kentucky by the Commonwealth of Kentucky Council on Post-Secondary Education, and offers a collegial and supportive environment for professional development. We recognize and appreciate the value of a diverse academic community, and the University of Kentucky is a pro-active Affirmative Action employer.

Each applicant should submit the following: (1) an outline of current research and plans for future research; (2) a description of teaching experience and approach to instruction; (3) a complete c.v.; (4) up to three reprints or examples of written work; and (5) three letters of reference. Review of applications will begin on 15 January 2003 and continue until the position is filled. DEC 02-287.

Apply: Dr. Susan Roberts, Chair, Search Committee, Department of Geography, University of Kentucky, 1457 Patterson Office Tower, Lexington, KY 40506-0027 USA. Voice 859-257-2399. E-mail geg207@uky.edu.

KENTUCKY, MOREHEAD 40351. Morehead State University's Department of Geography, Government, and History is seeking applications for a tenure-track position as **Assistant Professor of Geography** beginning August 2003. The department is expanding the curriculum and seeks a broadly trained geographer with interests in one or more of the following areas: biogeography, sustainable development or environmental planning. This individual will share responsibility for introductory physical geography courses. Regional specialization is open but interests in

Appalachia helpful. Must have strong commitment to quality teaching and to further developing the geography program. Instructional load is 12 hours per semester. An active research program is a requirement for tenure consideration. Potential exists for interaction with MSU's Institute for Regional Analysis and Public Policy.

Qualifications: A completed Ph.D. is preferred; but advanced ABD will be considered.

Desired Qualifications: The ability to integrate GIS or Remote Sensing into courses is highly desirable. For more information, contact Dr. Royal Berglee, Search Committee Chair, at 606-783-2454 or r.berglee@morehead-st.edu. Review of applications will begin 31 January 2003, and will continue until position is filled. To ensure consideration, submit letter of application, curriculum vitae, evidence of teaching ability (e.g., syllabi, exams, teaching evaluations), and names, addresses, e-mail addresses, and phone numbers of three references to the address below. DEC 02-282.

Apply: Office of Human Resources, Attn: Geog. #880, Morehead State University, HM 101, Morehead, KY 40351. To apply on-line, visit: <http://www.moreheadstate.edu/prospects/jobapp.html> and attach the required application materials. MSU is an EO/AA employer.

LOUISIANA, MONROE 71209. The Department of Geosciences at The University of Louisiana at Monroe announces a tenure-track faculty opening in geography effective Fall 2003. We seek applicants whose teaching and research interests focus on **Environmental Geography** and who have experience with **GIS/ Remote Sensing**. The successful candidate should also be prepared to teach introductory world regional geography courses and assist in managing the departmental computer laboratory. Experience with computer systems/networks is desirable. Candidates must have a Ph.D. and be committed to excellence in teaching and research.

The Department offers B.S. and M.S. degrees in geosciences with concentrations in geography, geology, and atmospheric sciences. Facilities include a state-of-the-art computer laboratory for teaching and research with access to remote sensing and GIS software (ERDAS, ArcInfo, ArcView, Idrisi, etc.) and databases.

Review of applications begins 18 February 2003. Applicants should send a letter of application, curriculum vita, copies of all transcripts, and the names and address of three references. ULM is an AA/EEO employer. DEC 02-263.

Apply: Dr. Mervin Kontrovitz, Head, Department of Geosciences, The University of

Louisiana at Monroe, 700 University Ave., Monroe, LA 71209.

***MARYLAND, COLLEGE PARK 20742.** The University of Maryland invites applications and nominations for the position of **Dean of the College of Behavioral and Social Sciences**. Information about the College may be found on its website, <http://www.bsos.umd.edu>. Candidates should have qualifications for a tenured full professorship in one of the College's academic departments; a distinguished record of scholarly achievement; a strong commitment to excellence in teaching, research, and service; a demonstrated commitment to diversity; demonstrated ability to obtain external funding; demonstrated administrative ability; an appreciation of the applied aspects of the behavioral and social sciences, excellent interpersonal and communication skills; the ability to serve as a university leader. To receive the full position description, please send an e-mail request to: mahaffys@umd.edu

Applicants and nominees should submit a letter of interest, curriculum vitae, and the names, addresses and telephone numbers of at least four persons who can be contacted by the search committee for references. For best consideration, all materials should be received by 15 January 2003. Please send all materials to the address below. JAN 03-08-1.

Apply: Search Committee for the College of Behavioral and Social Sciences, Attention: Ms. Sheila Mahaffy, 1119 Main Administration Building, University of Maryland, College Park, Maryland 20742. Please feel free to direct inquiries to the chair of the committee, Dr. James F. Harris, via e-mail to jharris@deans.umd.edu.

Women and minority candidates are encouraged to apply.

***MASSACHUSETTS, FITCHBURG 01420.** Fitchburg State College invites applications for a tenure-track position in the Geo/Physical Sciences department, beginning 1 September 2003. Candidates must hold a Ph.D. in Geography at the time of appointment. Must possess strong technical skills in **GIS** (preferably ArcView) and **Cartography**. Share responsibility for teaching an introductory course in geography, and capable of offering upper-level courses in the areas of **Human and/or Regional Geography**. The department offers B.A. and B.S. degrees in Geography and Earth Science (professional and teaching tracks).

The priority application review date is 20 January 2003, yet review continues until positions

are filled. To apply, send a complete application package, including a letter of application, resume, statement of teaching philosophy and three professional references, to the address below. JAN 03-21.

Apply: Human Resources Department, Fitchburg State College, 160 Pearl Street, Fitchburg, MA 01420. An Equal Opportunity, Affirmative Action Employer.

MICHIGAN, EAST LANSING 48824. Michigan State University invites applications and seeks nominations for a **John A. Hannah Distinguished Professor in Land Use Policy**. The position is jointly sponsored by the College of Agriculture and Natural Resources, the College of Natural Science, and the College of Social Science. This is a tenured position with research, teaching and outreach expectations. The individual selected should provide leadership in multidisciplinary efforts focused on integrating land use issues in Michigan and the Great Lakes Region within the context of national and global ecological and economic sustainability.

Michigan State University is searching for an individual with a distinguished record of achievement; a multidisciplinary orientation; an appreciation of a systems approach; a demonstrated sensitivity to land use issues; an ability to advocate for the entire academy as well as its parts and to bring opportunities together in new and effective ways; significant research teaching and outreach capabilities; and a demonstrated commitment to the land grant philosophy. Applicants must have earned a terminal degree in a related field, have expertise in land use issues, have a demonstrated record of obtaining extramural funding, and must be eligible to hold the rank of tenured full professor.

Responsibilities of the successful candidate include:

Conducting highly creative and outstanding research on land use issues such as land use management; environmental impacts of land use change; land conservation; governmental policies influencing the use of and competition for land resources; and urban sprawl and smart growth issues.

Catalyzing, facilitating, integrating and coordinating collaborative research and extension/outreach relationships and ventures with colleagues across the University as well as with peers in other universities and institutions. These ventures include the attraction of contracts and grants.

Providing leadership for undergraduate, graduate and off-campus land use educational programs.

Supplying intellectual guidance to and collaborating with various external audiences such as local, state, and national leaders and policy makers; local, state and federal governmental agencies; agricultural, natural resource, environmental, conservation, and community organizations.

Articulating a clear vision of research, teaching and outreach that effectively addresses existing and future land use issues.

The John A. Hannah Distinguished Professorships were established in 1969 to expand and maintain excellence in the faculty across broad areas of MSU. They are awarded to exceptional scholar-teachers to honor Hannah's 25 years as president of the University. The individual selected for this position would have access to significant operating funds annually for program support.

Beginning date for the John Hannah Distinguished Professorship of Land Use Policy is Fall 2003 and applications will be received until 15 December 2002 or until a suitable candidate is identified. Women and minorities are encouraged to apply. Send applications (including three references, CV, and statement of current/future research interests and goals) to the address below. DEC 02-248.

Apply: Richard E. Groop, Chair, Hannah Land Use Search Committee, 315 Natural Science Building, Michigan State University, East Lansing, MI 48824. Voice 517-355-4651. E-mail groop@msu.edu.

This announcement and other MSU links may be accessed at: <http://www.msu.edu/unit/facrecds/jobindex.htm>.

MSU is an affirmative action/equal opportunity employer. Handicappers have the right to request and receive reasonable accommodation.

MICHIGAN, HOLLAND 49422-9000. The Department of Geological & Environmental Science and the Department of Biology at Hope College seek applicants for a one-year position, beginning in the Fall of 2003. This non-tenure track position will be at the **Assistant Professor** level and will be funded by the NSF-AIRE Visiting Scholars Program. The position is interdisciplinary. Applicants from the fields of geology, environmental science, biology and geography will be considered. According to the guidelines of the program, the visiting scholar will be engaged in undergraduate teaching and research. The successful applicant will be expected to teach three courses (9 contact hours) per academic year (2-semester) including a rigorous undergraduate-level course in geographic information systems (GIS). Additional courses will be

determined in consultation with the department chairs. The appointee to this position will also be expected to involve undergraduates in his/her research, and will be encouraged to collaborate with Hope faculty.

Hope College is a distinctive and distinguished four-year, liberal arts, undergraduate institution, affiliated with the Reformed Church in America, and known and respected for excellence in science and mathematics. The Division of Natural Sciences at Hope includes the departments of Biology, Chemistry, Computer Science, Geological & Environmental Sciences, Mathematics, Nursing, and Physics and totals over 60 FTE faculty. Hope College has a long-standing commitment to provide students opportunities to learn cutting-edge science in coherent and rigorous laboratory courses that stress hands-on, research-based modes of learning, and to work in a collaborative manner with faculty in research. In comparison with all colleges and universities, U.S. News & World Report recently ranked Hope College #4 in the nation for undergraduate research. The Division of Natural Sciences at Hope is one of only 10 liberal arts institutions to be recently recognized by the NSF with an Award for the Integration of Research and Education (AIRE).

Interested applicants should submit a letter of application, curriculum vitae, transcripts, a statement of teaching philosophy and competencies, and a description of scholarly research. Applicants should also request that three letters of reference be sent. Materials should be submitted to the address below. DEC 02-288.

Apply: Dr. Jonathan W. Peterson, Chair, Department of Geological & Environmental Sciences, Hope College, P.O. Box 9000, Holland, MI 49422-9000. Preliminary inquiries may be sent by E-mail to peterson@hope.edu. Deadline is 1 February 2003.

MICHIGAN, KALAMAZOO 49008-5424. Western Michigan University seeks applications for an **Assistant or Associate Professor of Geography** (tenure-track starting in August 2003), pending budgetary approval. Ph.D. degree in geography with principal specialization in **remote sensing** and subsidiary specialization in any combination of **environmental-physical geography** is preferred. The ability to apply computer-assisted analytical methods complementary to remote sensing in the teaching/learning environment and in research is advantageous. Western Michigan University has outstanding facilities for remote sensing instruction and research, including 3 departmental labs fully

equipped with industry-standard GIS and remote sensing (and complementary statistical) software for teaching and learning. Western Michigan University, a student-centered research university, is an Equal Opportunity/Affirmative Action employer and encourages applications from underrepresented groups. Send letter of application, vita, statement of teaching philosophy and capacity, graduate transcripts, and three letters of reference to the address below. DEC 02-277.

Apply: David G. Dickason, Professor & Chair, Department of Geography, 1903 W. Michigan Avenue, Western Michigan University, Kalamazoo MI, 49008-5424. Fax 269-387-3442. E-mail david.dickason@wmich.edu. Review of applications will begin 2 December 2002 and continue until the position is filled.

MINNESOTA, ST. PAUL 55105. Applications are invited for the position of **Policy Associate** to begin Fall 2003, a two- to three-year position created to support Macalester's new program in Quantitative Methods for Public Policy, a FIPSE funded program that introduces students to the basic quantitative concepts -mathematical, statistical, economic-that are needed by informed citizens to support full participation in public policy discussions. Candidates should be completing or have completed the PhD or an equivalent degree in a field that is relevant to public policy debate. This person will teach one course per semester and support faculty teaching in the Quantitative Methods program by guest lecturing, assisting with workshops, running a faculty seminar, and helping to identify relevant materials. Further information is at http://www.macalester.edu/~bressoud/qm4pp/position_ad.html.

Applicants should send a cover letter and resume as well as statements of research interests and teaching philosophy, and three letters of reference to the address below. DEC 02-244.

Apply: Human Resources, Macalester College, 1600 Grand Avenue, St. Paul, MN 55105 or E-mail hr@macalester.edu. Applications are due 31 January 2003, but will be accepted until the position is filled. Macalester is an Equal Opportunity Employer committed to a diverse work force.

MINNESOTA, ST. PETER 56082. Gustavus Adolphus College, Department of Geography, invites nominations and applications for a tenure-track position of **Assistant Professor of Environmental Geography** to begin 1 September 2003.

Responsibilities will include teaching introductory courses in physical geography, GIS, and/or world regional geography, and upper level courses in human-environment interactions and/or

physical geography, appropriate to areas of specialization. Research and teaching interests in one or more of the following areas are desirable: climatology, biogeography, political ecology, human dimensions of global change, resource use, sustainable development, and environmental hazards. The College requires a high level of dedication to teaching in the liberal arts tradition, and encourages faculty to engage in collaborative research with advanced undergraduate students.

We seek candidates who have, preferably, earned their Ph.D. at time of appointment. We particularly seek individuals with a regional specialization outside North America (opportunity to lead travel course during January-Term). Preference may be given to candidates who can strengthen existing interdisciplinary studies programs in Environmental Studies and/or Latin American Studies.

Gustavus Adolphus College is a coeducational, private, Lutheran (ELCA), residential, national liberal arts college of 2,500 students. It is the policy and practice of the College to provide equal educational and employment opportunities for all. We specifically encourage applications from women, minorities, and persons with disabilities. Review of applications will begin on 31 January 2003, and continue until the position is filled. For more information, view homepage at: <http://www.gustavus.edu/oncampus/academics/geography/geography.cfm>.

To apply, send letter of application, curriculum vitae, statements of teaching philosophy and research interests, and three to five letters from professional references to the address below. DEC 02-275.

Apply: Dr. Mark Bjelland, Chair, Department of Geography, Gustavus Adolphus College, 800 West College Avenue, St. Peter, MN 56082-1498.

***NEW YORK, BRONX 10468-1589.** The Department of Geology and Geography at Lehman College invites applications for a full time **Department Chair**. The Chairperson is expected to provide the leadership necessary to develop and expand the Department. This includes fostering an environment that promotes faculty teaching, extramurally-funded research, and service. It is expected that the successful candidate will participate fully in the life of the Department, College, and University including teaching, committee work, obtaining grants and publishing research in refereed professional journals. A Ph.D. with a specialization in either Geology or Geography is required. The successful candidate will have an established record of scholarship and teaching that merits appointment as a tenured **Associate**

Professor or Professor. Administrative experience and experience in the development of interdisciplinary research programs particularly those related to environmental issues are preferable. Familiarity with GIS applications in earth and environmental science is desirable. Salary range \$56,684-\$93,507.

To apply, please submit a curriculum vitae, names, addresses and phone numbers of three references to the address below. JAN 03-04.

Apply: Search Committee of the Chair for Department of Geology and Geography, Office of the Dean of Natural and Social Sciences, Lehman College/CUNY, 250 Bedford Park Boulevard West, Shuster Hall, Room 302, Bronx, NY 10468-1589. Review of applications to begin 13 December 2002 and continue until the position is filled.

Lehman College/CUNY is an EO/AA/ADA/IRCA Employer. www.lehman.cuny.edu.

***NEW YORK, BROOKVILLE 11548.** C.W. Post College of Long Island University. The Department of Earth and Environmental Science invites applications for a tenure-track position at the rank of **Assistant Professor** to begin in the fall semester, 2003, pending budget approval.

The Department offers undergraduate degrees in geography and geology, and interdisciplinary degrees in earth system science and environmental science. Master's degrees are offered in environmental studies and earth science education. The department seeks a broadly trained **geographer**, prepared to teach introductory courses in human and physical geography and advanced courses in his or her area of specialization.

The normal teaching load for new faculty members is nine credits per semester. All candidates should have a Ph.D. and demonstrated potential for teaching, scholarship, and publication.

Send curriculum vitae, a statement of areas of specialization and interest, and the names, postal and e-mail addresses, and telephone numbers of three references. Review of applications will begin 28 February and will continue until the position is filled. Long Island University is an Equal Opportunity/Affirmative Action institution. JAN 03-13.

Apply: Chair, Search Committee, Department of Earth and Environmental Science, C.W. Post College, 720 Northern Boulevard, Brookville, New York 11548.

***NEW YORK, NEW YORK CITY 10021.** **Assistant or Associate Professor.** The Department of Geography at Hunter College-CUNY, the

largest geography program in New York City, seeks to fill a tenure-track faculty position starting August 2003, subject to financial ability.

A geographer with specialties in **biogeography and remote sensing** is needed to participate in expanding geography and environmental studies programs. The successful candidate will teach a mix of undergraduate and graduate level courses, conduct research in the area of specialization, and mentor students.

The Ph.D. is required at the time of appointment. A strong record of or potential for teaching, research, funding, and publication is necessary for consideration. Good interpersonal skills and effective oral and written communication skills are essential. Rank and salary is dependent on qualifications and experience.

To apply, send a cover letter that discusses teaching and research agendas, curriculum vitae, a sample of recent publications, and full contact information for at least three references before 1 March 2003 to the address below. JAN 03-06.

Apply: Prof. Charles Heatwole, Chair, Department of Geography, Hunter College – CUNY, 695 Park Avenue, NY, NY 10021. E-mail cah@geo.hunter.cuny.edu. Hunter College is an EOE, ADA, AA, IRCA employer.

NEW YORK, POUGHKEEPSIE 12604. The Department of Geology and Geography at Vassar College invites applications for a tenure-track appointment as **Assistant Professor in Human Geography**. We seek expertise in cultural, historical, and humanistic geography. Interests in social theory, feminist geography, and political ecology are also desirable. A regional focus on North American landscapes would be especially welcome. The successful candidate will participate in one or more of Vassar's multidisciplinary programs, which include American Culture, Environmental Studies, and Women's Studies. Demonstrated excellence in teaching and research is expected. The Ph.D. is preferred but advanced ABD candidates will be considered. Vassar College is an affirmative action/equal opportunity employer. Please send a personal statement, C.V., and three letters of recommendation to the address below. DEC 02-267.

Apply: Chair, Search Committee, Vassar College, Box 735, Poughkeepsie, NY 12604 by 15 February 2003. In addition to paper copies of the application, send electronic submissions to geo@vassar.edu.

NEVADA, RENO 89557. University of Nevada, Reno, Department of Geography. Applications are invited for a **Visiting Assistant**

Professor beginning 1 July 2003. The position requires teaching four courses during the academic year (fall and spring semesters). Responsibilities will include introductory through advanced courses in Geographic Information Systems (GIS) and courses in the applicant's specialty. Candidate will be expected to pursue an active research agenda. Preference will be given to candidates with experience in physical geography. Initial position is for one year but may be extended for an additional year based on performance and availability of funds. The salary range is \$42,000 to \$50,000 per year. To apply, send a letter of application addressing the requirements of the position, documentation of teaching effectiveness, current C.V., and the names, addresses, and phone numbers and/or E-mail addresses of three references. Complete position description and requirements are available at our website at <http://www.geography.unr.edu/geohome/geohome.html>. Applications received by 15 February 2003 will receive full consideration. DEC 02-257.

Apply: Kate A. Berry, Department of Geography/154, University of Nevada, Reno, Reno, NV 89557. Voice 775-784-6995 or 775-784-6344. E-mail kberry@unr.nevada.edu. The University of Nevada, Reno is an equal opportunity/affirmative action employer.

***NORTH CAROLINA, ASHEVILLE, 28815-9000.** Warren Wilson College. Faculty position, beginning 1 August 2003, generalist in **cultural geography**, with area expertise in **Latin America** preferred. Ph.D. and teaching experience are required. Teaching responsibilities include introductory courses in geography, courses on GIS skills and applications, a survey course on Latin America, and upper level courses in the applicant's specialty. The opportunity exists to design and teach short term field courses as part of the Warren Wilson WorldWide Program. Successful candidates will demonstrate teaching excellence and an interest in varied instructional approaches and will teach the equivalent of six, 4-credit courses per year. We seek individuals with the following characteristics: a solid academic background, with a generalist orientation and interdisciplinary interests; a committed interest in our triad of academic study, work, and service; and a desire to teach regularly in the College-wide general education program. Second language proficiency is highly desirable, as is experience in off-campus and international learning.

Warren Wilson College is an independent liberal arts college of 770 undergraduates from more than 15 countries, located on a beautiful

1135-acre campus in the Blue Ridge Mountains, near Asheville, North Carolina, one of America's most livable cities. The College offers a triad education program combining study, work, and service and has been widely recognized as progressive and committed to social, environmental, and global awareness. For more information about the College and our programs, visit <http://www.warren-wilson.edu>. We desire a diverse faculty and a community that reflects a global outlook. We particularly invite applications from ethnic minorities or other groups historically underrepresented in academia. Interested candidates should submit a cover letter, curriculum vitae, official graduate transcripts, evidence of teaching excellence, and three letters of reference.

Review of applications will begin immediately and continue until the position is filled. JAN 03-18.

Apply: Dr. Virginia McKinley, Vice-President for Academic Affairs, Warren Wilson College, P.O. Box 9000, Asheville, NC 28815-9000 and academic@warren-wilson.edu.

***NORTH CAROLINA, CHAPEL HILL 27599-3140.** Department of City and Regional Planning, University of North Carolina, Chapel Hill. **Assistant Professor in Urban Development Planning.**

DCRP seeks a scholar with outstanding research and teaching potential. Candidates should have expertise in 1) urban revitalization, e.g. central-city/commercial area redevelopment and large-scale project planning, or in 2) urban spatial analysis, urban and regional modeling, or planning support systems. Research should have potential to attract external funding. JAN 03-15-1.

Candidates should have a PhD or expect imminent conferral. UNC is an EEO Employer. Women and minorities are especially encouraged to apply. Salary \$48-50K for nine-month appointment. Applications must be received by 31 January 2003. Start date 1 July 2003. Contact Emil Malizia at malizia@E-mail.unc.edu or 919-962-4759 for information.

***NORTH CAROLINA, CHAPEL HILL 27599-3140. Social Science Research Training Fellowship for Junior Faculty.** Applications are being solicited from junior faculty for a research training program aimed at fostering social science research on societal aspects of natural hazards and extreme events. Funded by NSF and administered by the University of North Carolina in collaboration with faculty from seven other universities, the two-year program will consist of

summer workshops at Woods Hole and Estes Park and a series of other mentoring events. This is a unique opportunity for junior faculty who are early in their research careers. Participants will receive an honorarium and travel expenses. Application deadline: 1 March 2003. Details available at: <http://enabling.unc.edu/> or contact Leanna Hush (hush@E-mail.unc.edu) or Dr. Raymond Burby (burby@E-mail.unc.edu) for more information. JAN 03-03.

NORTH CAROLINA, CHAPEL HILL 27599. Geographic Information Technologist. Department of Geography. This position will be responsible for supporting and enhancing the use and instruction of geographic information sciences (GISc), geographic information technologies (GIT) and associated spatial statistical and simulation software within the Department. The selected candidate will be responsible for exploring and evaluating relevant new and existing spatial analytical tools and data sources and leading efforts to integrate and facilitate their use in faculty, graduate and undergraduate courses and research projects. The individual in this position will also be responsible for coordinating the development of web based instructional tools and modules to be used by department classes and labs. In addition, this position will be responsible for teaching one section of our introductory Geographic Techniques course (GEOG 70).

The Department's UNIX and Windows NT research and instructional computing systems are integrated with UNC's Distributed Computing Initiative, with file management and back up carried out by central university computing staff. Basic system administration is provided by central computing service groups (OASIS, ATN), and the candidate will coordinate activity and be the principal liaison between the department and these groups.

The ability to interact effectively with faculty and students in a university teaching and research setting is critical. This position will involve teaching and interpersonal interaction with students and faculty who range from technologically adept to novices, so highly effective communication skills in individual, small group and classroom settings are necessary. The technical demands of this position are significant, as the person in this position will be expected to work independently to develop new instructional and research software, using a variety of software development tools and data sources – technical self-reliance is a must. Proficiency in Windows/NT and UNIX systems is required.

An advanced degree in geography or related field with an emphasis in GISci or other spatial ana-

lytical technologies, including significant experience and familiarity with commonly used GISci and Remote Sensing software (e.g. ESRI, ERDAS, GRASS, IDL, etc.) is required. Preference will be given to individuals with demonstrated experience in some/all of the following: UNIX/NT systems use, applications programming (e.g. C/C++/JAVA), database and web development.

For consideration, send a letter of introduction, a resume and the names of three references to the address below. DEC 02-285.

Apply: Dr. Larry Band, Chair, Department of Geography, CB#3220, UNC, Chapel Hill, NC, 27599. E-mail lband@E-mail.unc.edu.

The University of North Carolina is an Equal Opportunity Employer: women and minorities are encouraged to apply.

***NORTH CAROLINA, CHARLOTTE 28223-0001.** The University of North Carolina Charlotte, Department of Geography and Earth Sciences is recruiting an outstanding candidate for the **Knight Professor of Public Policy** to begin in the fall of 2003. The successful candidate will have a distinguished research record including publications and funded research, excellent teaching credentials, and the ability to work with colleagues from several academic departments and the community. The Department seeks a senior scholar with specialties in areas of environmental and/or urban/regional public policy. The appointee will be expected to teach three courses per year, conduct funded research, and interact extensively with state and local officials.

The successful candidate will be a core faculty member in a new interdisciplinary Ph.D. in Public Policy, which began in the fall of 2001 and currently has more than 20 students. The appointee must have experience and credentials commensurate with the rank of Professor in the Department of Geography and Earth Sciences, a major contributor to the Ph.D. Program. The position includes tenure at the professorial level, but the title of Distinguished Professor and the perquisites from the endowment are for an initial term of five years renewable for a second five-year term.

Applications will be reviewed as they are received until 1 March 2003 or until the position is filled. Send: 1) letter of application stating primary and secondary research and teaching interests, 2) vita, 3) three publications representative of current research interests, and 4) three letters of reference to the address given below. AA/EOE JAN 03-22.

Apply: Chair, Knight Search Committee, Interdisciplinary Studies Office, The University

of North Carolina Charlotte, Charlotte, North Carolina 28223-0001.

***NORTH CAROLINA, GREENSBORO 27402-6170.** The Department of Geography of the University of North Carolina at Greensboro invites applications at the tenure-track **Assistant Professor** level beginning Fall 2003. We seek a broadly trained scholar in **Geomorphology** with interests in some combination of hydrogeology, fluvial processes, or biophysical geography to complement our programs in applied earth science and environmental studies. Successful candidates must have a Ph.D. in Geography at the beginning of the appointment. At a minimum they will have promising research records and demonstrated ability to teach effectively at the undergraduate and graduate levels.

The University of North Carolina at Greensboro is a student-centered University with a diverse faculty committed to teaching, research, and service. The department is currently positioned for future growth and recently received approval to offer the Ph.D. emphasizing applied aspects of geography. We also have strong undergraduate, Masters, and post-baccalaureate GIS certificate enrollments. The campus is located near downtown Greensboro (pop. 220,000) and within the Piedmont Triad (pop. 1.2 million). It is easily accessible to the Appalachian Highlands and the Atlantic Coast.

Applicants should send a statement of research and teaching interests, a curriculum vitae providing evidence of both research and teaching ability, and the names of three referees. Reviews will begin 27 January 2003 and continue until the position is filled. JAN 03-02.

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

***OHIO, CINCINNATI 45221-0131.** University of Cincinnati. The Department of Geography and the Center for Women's Studies at the University of Cincinnati invite applications for a tenure track, **Assistant Professor** who will hold a joint appointment (50%/50%) in the two tenuring units starting September 2003. The candidate is expected to teach courses in Geography, Women's Studies, and Environmental Studies. A PhD in Geography with a specialty in paleoclimatology and paleoecology and additional credentials in Women's Studies, feminist

science studies, and/or gender and geography are required. The ideal candidate will be required to teach undergraduate and graduate courses in Physical, Environmental, and Human Geography; Gender and Geography, Women/Gender and Science, and Women and the Environment; and Environmental Studies. Proven ability to obtain outside grants and contracts is essential. To apply send a letter of interest outlining qualifications for the position, a C.V., sample syllabi, and three letters of recommendation to the address below. JAN 03-10.

Apply: Geography/Women's Studies Search Committee, Department of Geography, P.O. Box 210131, University of Cincinnati, Cincinnati, Ohio, 45221-0131 Applications are due 1 March 2003. For further information contact selyarm@uc.edu The University of Cincinnati is an Affirmative Action/Equal Opportunity Employer. Women and minorities are highly encouraged to apply.

PENNSYLVANIA, CALIFORNIA 15419. California University of Pennsylvania seeks applications for an **Assistant Professor of Earth Sciences** in the **Operational Meteorology** concentration. The Department of Earth Sciences, California University of Pennsylvania, is seeking applications for a tenure-track appointment beginning in the Fall semester of 2003, approximate 9-month salary range for this rank: \$42,578.00 - \$59,911.80). A candidate with a background in the Geosciences is desired. Ph.D. in a Geoscience-related discipline is preferred. A Ph.D. is required by time of appointment. ABD's will be considered during the interview process, only if they can demonstrate that they are in the final stages of degree completion. The department of Earth Sciences seeks an outstanding faculty member to contribute to the existing concentrations in Operational Meteorology, Broadcast Meteorology, and Water Resources. The successful candidate should be able to demonstrate experience with and proficiency in meteorology, as well as skill in working with undergraduate students, a commitment to community service, and the ability to properly advise undergraduate students in Earth Sciences. The successful candidate would be asked to teach various upper-division courses in meteorology. The successful candidate will also be expected to assist in reviving other courses in the meteorological curriculum. Experience with meteorological software is desirable and/or experience with research in atmospheric modeling. The successful candidate will be capable of teaching a variety of geo-related courses. In order to be a leading candidate in this search, in addition to meeting the aforementioned requirements, the candidate minimally must be

fluent in the English language, be able to communicate well, perform well in a teaching demonstration and successfully complete the interview process. A demonstrated commitment to teaching, research, and publication is expected. Additional responsibilities include participation on departmental, college-wide, and university committees. California University of Pennsylvania is an equal opportunity/affirmative action employer. Minorities, women, and individuals with disabilities are encouraged to apply. Also, in accordance with the terms of the collective bargaining agreement between the State System of Higher Education and APSCUF, the successful candidate might be assigned to perform work at off-campus sites, in the evening/weekend college and/or provide instruction through distance education. Send letter of application, full curriculum vitae, official transcripts and military discharge papers (if veteran) and the names, addresses, phone numbers and e-mail addresses of three professional references to the address below. DEC 02-266.

Apply: Dr. Thomas D. Wickham, Box 55, 250 University Ave., California University of PA, California, PA 15419. For more information on the Meteorology concentration, visit <http://www.cup.edu/weather>. Review of the applications begins 20 January 2003 and continues until the position is filled.

***PENNSYLVANIA, EDINBORO 16444.** Edinboro University of Pennsylvania. Department of Geosciences. Position #170-1215 - **Instructor/Assistant Professor**

Responsibilities: Teach physical geography, conservation of natural resources, remote sensing, as well as upper division courses in the candidate's area of expertise.

Qualifications: Ph.D. in Geography expected (ABD considered). Open to any specialization that will complement the program's existing strengths, with preference for expertise in remote sensing or other geographic techniques applied to physical geography or resource geography.

Applications must be postmarked by 15 February 2003. *See Note.

In addition to teaching responsibilities, faculty members are expected to maintain a record of scholarship, perform additional duties such as student advising, and contribute positively to departmental/university activities, etc. in compliance with a collective bargaining agreement.

In order to be a finalist in a search, in addition to the aforementioned requirements, the candidate minimally must be able to communicate well and/or perform well in an interview and/or teaching Demonstration.

* Note: In accordance with the terms of the collective bargaining agreement between the State System of Higher Education and APSCUF, you may be assigned to perform work at off-campus sites and/or provide instruction through distance education.

Salary: Very competitive; commensurate with qualifications/experience.

Application letters should include a detailed resume, copies of transcripts and the names/addresses/phone numbers of three references (two of whom can attest to teaching effectiveness). JAN 03-23.

Apply: Dr. Eric Randall, Dean of Science, Management and Technology, Dept. JIG, Edinboro University of Pennsylvania, Edinboro PA 16444. Contingent upon enrollment. Fluency in the English language for final candidates will be assessed.

Edinboro University of Pennsylvania is building a diverse academic community and encourages people of color, women, veterans and persons with disabilities to apply. AA/EEO. Visit EUP's homepage at: <http://www.edinboro.edu>.

PENNSYLVANIA, UNIVERSITY PARK 16802. The Pennsylvania State University. Tenure track faculty position for an advanced **Assistant or Associate Professor in Landscape Ecology/Carbon Cycle Science.** We are interested in candidates whose work is focused on understanding, detecting, predicting, and/or modeling terrestrial ecosystem responses - populations, communities, energy or materials- to land use/land cover change in the context of the terrestrial carbon cycle. This position is co-funded by the Department of Geography and Penn State's Institutes of the Environment (<http://www.environment.psu.edu/>) which seeks to catalyze University wide inter-disciplinary research and teaching on carbon cycle science, global change, ecological dynamics, and regional assessment. Excellence in teaching, research, including inter-disciplinary research, and service is expected, as is the development of an extramurally funded research program. Applicants should submit: 1) a letter describing how they would contribute to the Department's teaching and research program and to inter-disciplinary research; 2) a complete curriculum vitae; 3) a maximum of five reprints; and 4) the names and addresses (including e-mail and fax) of three to five referees. Review of applications will begin 15 January 2003 but applications will be accepted until the position is filled.

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

its workforce and applications from women and under represented groups are encouraged. DEC 02-284.

Apply: Dr. Alan H. Taylor, Chair, Search Committee, Department of Geography, 302 Walker Building, University Park, PA 16802. Voice 814-865-3433. Fax 814-863-7943. E-mail aht1@psu.edu.

TEXAS, EL PASO 79968-0558. The University of Texas at El Paso Department of Sociology and Anthropology invites applications for a tenure-track **Assistant Professor** beginning fall 2003. We seek a **human geographer** or spatially-oriented sociologist or anthropologist with an earned doctorate. Research and teaching interests applicable to the U.S.-Mexico borderlands are desirable, as are interests in urban or regional planning or community development. Candidates should be able to collaborate in interdisciplinary research projects. El Paso/Ciudad Juarez, with 2.2 million people, is the largest border metropolis in the world, offering outstanding opportunities for social science research. A leader in minority education, UTEP has approximately 16,000 students, including over 2,000 in rapidly expanding graduate programs. Review of applications will begin 1 January 2003 and continue until the position is filled. Send detailed letter of application, CV, and names of three references to the address below. DEC 02-243.

Apply: David Carmichael, Chair, Geography Search Committee, Department of Sociology and Anthropology, UTEP, El Paso, TX 79968-0558. All underrepresented groups are encouraged to apply.

The University does not discriminate on the basis of race, color, national origin, sex, religion, age, disability, or sexual orientation in employment or the provision of services.

***TEXAS, LUBBOCK 79409-1014.** Texas Tech University. Full-time tenure track **Assistant Professor**, beginning Fall 2003. Applicants must have Ph.D. by time of appointment. We seek applications from **human-environment geographers** to teach remote sensing, GIS, World Regional Geography in large classes, and upper level and graduate courses in his or her areas of interest. Teaching load is 9 hours/semester (2 or 3 courses). Quality scholarship (including refereed publications and grant solicitation) and teaching are required for tenure. The Geography program at Texas Tech is small and congenial. There currently is no graduate geography program, but all geography faculty teach graduate courses and work with graduate students and

faculty from a variety of interdisciplinary programs such as natural hazards (especially wind-related), arid lands studies, water resources, environmental health, and land use. The university has regional programs in Latin America, Europe, Asia/Pacific Rim, Vietnam, and arid lands studies. Please send a letter of application, vitae, a sample of scholarly writing, statement of teaching philosophy, and names and addresses (postal and e-mail) of three references.

Deadline for application is 1 March 2003. Texas Tech University is an equal opportunity/affirmative action employer and is sensitive to the needs of dual career couples. JAN 03-19.

Apply: Chair, Geography Search Committee, Department of Economics and Geography.

TEXAS, NACOGDOCHES 75962. The Department of Political Science and Geography at Stephen F. Austin State University invites applications for the position of **Department Chair** beginning Fall 2003. The successful candidate will possess a Ph.D. in Political Science, Public Administration, Geography or a substantively related field (area of specialization open). Candidates should demonstrate a commitment to teaching excellence, a record of scholarly publication, and sound administrative skills. Strong leadership ability, experience with multidisciplinary programs, and demonstrated skills in consensus building within and across disciplines are particularly desirable. The successful candidate must be both tenurable and a candidate for at least associate level rank at the time of appointment. Salary is competitive based on experience and qualifications.

Stephen F. Austin State University is an internet regional university that has an enrollment of over 11,500 students. The Department of Political Science and Geography has fourteen full-time faculty serving undergraduate majors in Political Science, Public Administration and Geography. The department also houses a Master of Public Administration program and participates in the University's Master of Interdisciplinary Studies program. Departmental resources include a Geographic Information Systems (GIS/RS) laboratory and public survey research capabilities. Additional information about the department is available at www.sfasu.edu/polisci

Interested applicants should submit a current vita, a letter of application, three letters of recommendation, a statement of administrative philosophy and evidence of quality teaching, including student evaluations to the address below. DEC 02-272.

Apply: Dr. Kandy Stahl, PO Box 13046, Department of Psychology, Chair, Political Science & Geography Search Committee, Stephen F. Austin State University, Nacogdoches, TX 75962-3036. E-mail kstahl@sfasu.edu.

Applications are welcome until the position is filled; complete applications received by 6 January 2003, are guaranteed full consideration. Stephen F. Austin State University is an Equal Opportunity Employer.

UTAH, OGDEN 84408-1016. The Department of Geosciences at Weber State University invites applications for a tenure-track **Assistant Professor** position with emphasis on use of **GIS/Remote Sensing** methods in the geosciences. The position begins August 2003, and a PhD in geosciences, geography, or related discipline is required by time of appointment. We seek a colleague dedicated to excellence in undergraduate education who will complement departmental strengths in hydrology, geomorphology, stratigraphy, and structural geology. The successful candidate will: teach GIS, Remote Sensing, and one or more introductory courses (such as Environmental Geosciences, Physical Geology, or Meteorology); conduct research incorporating GIS/RS; foster interdisciplinary collaboration with related programs; help establish ties with the community including student internships; and help oversee a state-of-the-art GIS/RS lab with ESRI and ERDAS software. The standard teaching load is 12 hours (3 to 4 classes) per semester. The department offers bachelor degrees in Applied Environmental Geosciences, Geology, and Earth Science Teaching, plus a certificate in Geomatics. Weber State is a comprehensive undergraduate university with 18,000 students, located at the base of the Wasatch Mountains near world-class recreational areas and the metropolitan Salt Lake City area. For additional information see <http://weber.edu/Geosciences/>.

Send a letter of application, vita, and statement of teaching, research, and outreach interests, and arrange to have at least three letters of reference sent to the address below. Screening of applicants will begin 15 January 2003, and continue until the position is filled. DEC 02-260.

Apply: Geosciences Search Committee, c/o Human Resources Department, Weber State University, 1016 University Circle, Ogden, UT 84408-1016.

Weber State University values diversity and is an EO/AA employer.

***VIRGINIA, ALEXANDRIA 22314.** Virginia Tech has recently established an **interdisciplinary Center for Geospatial Information Technology** and is searching for an **Associate Director**. This tenure-track faculty position with a specialty in Geospatial Information Technology will be housed within the Department of Civil and Environmental Engineering and will be most closely affiliated with the Center's Northern Virginia Program location. A Ph.D. degree in civil engineering or a related geospatial field is required. It is anticipated that the position will be filled at the **Associate Professor** level beginning as early as summer 2003; however, outstanding faculty candidates who would qualify at the rank of Assistant Professor are also encouraged to apply.

The successful candidate will be expected to interact with faculty in many departments and research centers located on the Virginia Tech campuses in Falls Church, Alexandria, and Blacksburg, VA. The successful candidate will have expertise in GIS, GPS, photogrammetry, geodetics, spatial analysis, and/or IT integration with civil and environmental engineering applications, especially in addressing environmental, transportation, and/or metropolitan planning and policy issues. A strong demonstrated record of interdisciplinary cooperative activity is necessary. The individual selected will be expected to contribute to teaching senior and graduate level courses, to develop collaborative research opportunities with other Virginia Tech faculty in order to form a strong research program, and to supervise both M.S. and Ph.D. students.

To apply, please send a resume, a description of teaching and research interests, and the names and addresses of at least three references to the address below. JAN 03-14.

Apply: Dr. Randy Dymond, Search Committee Chair, Via Department of Civil and Environmental Engineering, Room 200 Patton Hall, Mail Code 0105, Virginia Tech, Blacksburg, VA 24061.

The review of applications will begin 1 February 2003, and continue until the position is filled. Virginia Tech is an equal opportunity/affirmative action employer and encourages women and minorities to apply.

Information about the Civil and Environmental Engineering program is available on the web at <http://www.cee.vt.edu/>.

***WISCONSIN, MARSHFIELD 54449-3310.** University of Wisconsin College - Marshfield/Wood County, Department of Geography and Geology. Tenure-track **Assistant Professor** to teach on a UW campus with a strong general

education liberal arts curriculum, starting August 2003. Ph.D. in geography required. Position may entail some on-line education. Responsibilities: Teach a mix of lab and non-lab courses in introductory physical and human geography, conservation, and environmental hazards. Qualifications to teach introductory physical geology a plus. Application: Send letter of interest, vita, unofficial copy of transcripts, statement of teaching philosophy, evidence of teaching effectiveness, and the names etc. of three referees to the address below. JAN 03-05a.

Apply: Keith Montgomery, Chair, Department of Geography and Geology, UW Colleges, 518 South 7th Avenue, Wausau, WI 54401-5396. Voice 715-261-6287. E-mail kmontgom@uwc.edu. Deadline: Review of applications will begin 15 February 2003. The UW Colleges is an affirmative action/equal opportunity employer and encourages women, members of minority groups, and veterans to apply.

WISCONSIN, STEVENS POINT 54481. University of Wisconsin-Stevens Point, Department of Geography/Geology. **Assistant Professor/Instructor**, tenure track position beginning August 2003. **Regional Analysis/GIS.**

Excellent opportunity to strengthen the department's options in Regional Analysis and Community Development, and Cartography. Required courses include urban and regional planning, GIS, and world regional geography. Additional teaching opportunities may exist in transportation, urban geography, location analysis, Wisconsin, and other areas of the applicant's expertise. Emphasis is on quality undergraduate teaching. Scholarly activity and service required for retention and tenure. For more information please visit <http://www.uwsp.edu/geo/ragis/position.html>.

Ph.D. is required for hiring at the assistant professor level and for tenure. However, candidates will be considered at the instructor level if the Ph.D. is pending. Experience teaching diverse groups is desirable. Salary dependent upon qualifications and experience.

To apply, please submit a letter discussing your qualifications, a statement of teaching and research interests, a curriculum vitae, copies of transcripts and three letters of reference sent by referees to the address below. DEC 02-270.

Apply: Benjamin Ofori-Amoah, Chair, Department of Geography/Geology, University of Wisconsin-Stevens Point, Stevens Point, WI 54481.

Application deadline is 15 February 2003. UWSP is an equal opportunity/affirmative action employer.

***WISCONSIN, WAUKESHA 53188-2799.** University of Wisconsin College - Waukesha, Department of Geography and Geology. Tenure-track **Assistant Professor** to teach on a UW campus with a strong general education liberal arts curriculum, starting August 2003. Ph.D. in geography required. Responsibilities: Teaching to include weather and climate, meteorology, human impact on the environment. Application: Send letter of interest, vita, unofficial copy of transcripts, statement of teaching philosophy, evidence of teaching effectiveness, and the names etc. of three referees to the address below. JAN 03-05b.

Apply: Keith Montgomery, Chair, Department of Geography and Geology, UW Colleges, 518 South 7th Avenue, Wausau, WI 54401-5396. Voice 715-261-6287. E-mail kmontgom@uwc.edu. Deadline: Review of applications will begin 15 February 2003. The UW Colleges is an affirmative action/equal opportunity employer and encourages women, members of minority groups, and veterans to apply.

WISCONSIN, WHITEWATER 53190. University of Wisconsin-Whitewater. Tenure Track **Assistant Professor** beginning fall semester 2003. Ph.D. preferred; ABD considered. Prior teaching experience and demonstrated teaching ability preferred. The department seeks a **Human Geographer** with interest and competency to teach Global Perspectives (a General Education core course taught systematically as opposed to regionally) and the Human Geography core course in the major. The individual will teach existing and/or develop new upper level courses in areas of expertise such as political, population/migration, regional or rural planning, social and other systematic specialties not covered by existing faculty. The person should be interested in conducting research and teaching a regional course on Africa, Asia and/or Latin America. The individual should be committed to undergraduate teaching and conducting research in areas of expertise, including seeking extramural funding. It is an opportunity to join and contribute to a vibrant undergraduate program with more geography majors than any other UW-System university, according to *Guide to Programs in Geography in the United States and Canada 2002-2002*. Send letter of application highlighting your interest, qualifications and experience, curriculum vitae, non-certified transcripts, and three letters of reference by closing date of 10 January 2002 or until position is filled.

UW-Whitewater is an AA/EEO Employer, and actively seeks and encourages applications

from women, people of color, persons with disabilities, and all veterans. DEC 02-261.

Apply: Carol Rosen, Chair, Search Committee, Department of Geography & Geology. Voice 262-472-1071. Fax 262-472-5238. E-mail rosen@uww.edu.

INTERNATIONAL

***AUSTRALIA, CANBERRA, ACT 2600** UNSW@ADFA is a campus of the University of New South Wales. Located at the Australian Defence Force Academy in Canberra, UNSW@ADFA provides undergraduate courses to officer cadets and midshipmen as well as postgraduate courses to civilian and defense personnel. Staff enjoy pleasant surroundings and have access to various facilities and free parking. generous superannuation scheme is also offered.

Lecturer Level B in Geography – Geographic Information Analysis

Salary: Level B Academic \$55,079 - \$65,408 per annum.

Applications are invited for the position of Lecturer in Geographic Information Analysis, with expertise in geographic information systems and applications of remote sensing to the study of geography. UNSW@ADFA has a strong research profile in areas of physical and human geography, and physical oceanography with facilities to support field and laboratory work. Teaching covers these disciplines at undergraduate and postgraduate levels. The successful applicant will contribute to the teaching program at undergraduate and postgraduate levels. The successful applicant will undertake an active research program and should be able to attract external research funding and postgraduate research students. A knowledge and understanding of Equal Employment Opportunity (EEO) and Occupational Health and Safety (OHS) principles and practices is essential.

Membership of an approved university superannuation scheme is a condition of employment for this position.

For further information contact the Acting Head of School, Dr Paul Tranter on +61 2 62688312. Fax +61 2 62688313. E-mail p.tranter@adfa.edu.au. Visit the School web site www.ge.adfa.edu.au to view the essential and desired selection criteria. JAN 03-20-1.

Applications close 31 January 2003. Please quote reference number Geo11814.

Applicants should submit a written application addressing the selection criteria, including business, and private telephone numbers plus

E-mail address, a complete resume including copies of academic transcripts and qualifications, and the names and addresses (preferably facsimile numbers) of at least two referees to: Recruitment Officer (Personnel), University College, University of New South Wales, Australian Defence Force Academy, Northcott Drive, Canberra ACT 2600. You may E-mail your application to: uni-college-recruitment@adfa.edu.au For confirmation of receipt of applications telephone 02 62688707. People from EEO groups are encouraged to apply.

AUSTRALIA, CANBERRA, ACT 0200. The Department of Human Geography in the Research School of Pacific and Asian Studies at The Australian National University invites applications for the appointment of a **Research Fellow** at Academic Level B (Assistant Professor) for a fixed term of five years. The School is devoted to research and postgraduate training. The Department, headed by Professor Katherine Gibson, is interested in fostering excellent human geographic research with a developed theoretical and empirical orientation. The applicant will be an established researcher of Asia or the Pacific who is able to contribute to and supplement the existing research strengths of the Department. Applicants with an interest in human geographic approaches to urban and cultural transformation in the Asia Pacific region are especially invited to apply. Further information about the Department is available at <http://rspas.anu.edu.au/humgeog/>.

Applications are due by 31 January 2003. Further information about the position is available from the Departmental Administrator at hgeog@coombs.anu.edu.au. DEC 02-276.

CANADA, ONTARIO, HAMILTON L8S 4K1. The School of Geography and Geology at McMaster University invites applications for two tenure track positions at the **Assistant or Associate Professor** level beginning 1 July 2003. The School has been undergoing active faculty renewal with twelve new faculty hired in the last five years (<http://www.science.mcmaster.ca/geo/geomain.html>).

The successful applicants must hold a Ph.D. degree in Geology, Earth Sciences, Geochemistry, or a closely related field. Candidates will be expected to develop a strong externally funded research program and to have a strong commitment to the teaching of geology and geochemistry courses at both the undergraduate and graduate levels.

Position #1 - Stable Isotope Geochemist. The School seeks an innovative earth scientist

with an outstanding research record in the application of isotopes to understand processes in the environmental context, or the development of new and innovative isotopic techniques for the investigation of the geosphere and particularly coupled geological-biological processes.

Position #2 - Aqueous Geochemist. The School seeks an outstanding candidate from any field of aqueous geochemistry; however we are particularly interested in process oriented research with direct linkages to surface water and groundwater quality, environmental contaminants, and/or Environment and Health. (<http://www.mcmaster.ca/mieh/index/sitemap.html>).

One appointment with an outstanding research record will be selected to be nominated for a Tier II Canada Research Chair and if successful will be appointed at the Assistant or Associate Professor level. Canada Research Chairs are open to all qualified candidates with "no immigration restrictions" (see www.chairs.gc.ca) and offers will be made in accordance with Canadian immigration requirements associated with the Canada Research Chairs program.

All qualified applicants are encouraged to apply; however for the non-CRC position, Canadians and Permanent Residents will be considered first. McMaster University is strongly committed to employment equity within its community, and to recruiting a diverse faculty and staff, including women, members of visible minorities, Aboriginal persons, members of sexual minorities, and persons with disabilities.

Applicants should send a curriculum vitae, a statement of research interest, and a statement of teaching philosophy along with contact information for three referees (address, phone number and e-mail). Your cover letter should indicate to which position you are applying. The evaluation of candidates will begin on 1 December 2002 and will continue until the positions are filled. DEC 02-265.

Apply: Dr. Pavlos Kanaroglou, Chair, Search Committee, School of Geography and Geology, McMaster University, Hamilton, ON L8S 4K1. Voice 905-525-9140, ext. 23525. Fax 905-546-0463. E-mail pavlos@mcmaster.ca.

CANADA, ONTARIO, LONDON N6A 5C2. The Department of Geography at The University of Western Ontario is seeking a Probationary (tenure-track) faculty member at the level of **Assistant or Associate Professor** in the area of the **Geography of Hazards**. We seek an outstanding individual with demonstrated commitment to excellence in research and teaching in the management and mitigation of hazards that

confront natural and/or built environments – particularly in the areas of planning and policy development. The candidate must have a PhD and have a record of scholarly activity. The candidate should be capable of supervising graduate student research, teaching graduate and undergraduate students, and conducting research in hazards as they relate to natural, human and built environments. The appointment will be effective 1 July 2003. Salary will be commensurate with experience. Further information about the Department may be found at: www.uwo.ca/geog.

Applications, including a statement of research and teaching interests, current curriculum vitae and the names and addresses of three referees, together with their e-mail, fax and telephone numbers, should be sent to the address below. DEC 02-259.

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

The closing date for applications is 31 January 2003. E-mailed applications will not be accepted.

This appointment is subject to budgetary approval. The University of Western Ontario is committed to employment equity and welcomes applications from all qualified women and men, including visible minorities, aboriginal people and persons with disabilities. All qualified candidates are encouraged to apply; however Canadian citizens and permanent residents will be given priority.

CANADA, ONTARIO, LONDON N6A 5C2. The Department of Geography at The University of Western Ontario is seeking a Probationary (tenure-track) faculty member at the level of **Assistant or Associate Professor** in the area of **urban development**. The position is available 1 July 2003.

The Department of Geography is broadly based, with strength in all the important areas of the discipline, and with a long tradition in teaching, research and community involvement in urban development and planning.

The successful applicant will have a Ph.D., together with a strong academic background, a commitment to excellence in teaching and a proven research record. Experience in the development industry would be considered an asset. The appointee will be expected to play an important role in the department's undergraduate Urban Development Program, and possibly contribute to the Faculty's Administrative and

Commercial Studies Program. Research interests should be focused on the market processes underlying the evolution of urban form and structure. Duties will include teaching at the undergraduate and graduate levels, and development of a research program involving graduate students.

Applications, including a statement of research and teaching interests, current curriculum vitae and the names and addresses of three referees, together with their e-mail, fax and telephone numbers, should be sent to the address below. DEC 02-264.

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

Information about the Department may be accessed on: <http://www.geog.uwo.ca>. The deadline for applications is 31 January 2003. E-mailed applications will not be accepted.

This position is subject to budgetary approval. The University of Western Ontario is committed to employment equity and welcomes applications from all qualified women and men, including visible minorities, aboriginal people and persons with disabilities. All qualified candidates are encouraged to apply; however Canadian citizens and permanent residents will be given priority.

CANADA, ONTARIO, TORONTO M3J 1P3.

York University - The Department of Geography invites applications for a full-time, tenure-track position in **Cultural-Historical Geography** at the **Assistant Professor** level to begin 1 July 2003 (subject to budgetary approval). Applicants with research and teaching interests in a variety of topics related to Canadian cultural-historical geography will be considered, including those with an interest in the study of landscapes in works of Canadian fiction or the visual arts. A Ph.D. is required at the time of appointment. We seek an individual who will develop a vigorous research program and who is committed to high quality undergraduate and graduate education. Additional information on the Department can be obtained at www.yorku.ca/dept/geograph. Candidates should send a curriculum vitae, a statement of research interests, and selected publications, and should arrange for three letters of reference to be sent to the address below. DEC 02-256.

Apply: Dr. D.B. Freeman, Chair, Department of Geography, York University, 4700 Keele Street, Toronto, Ontario M3J 1P3. Deadline for

application is 1 February 2003.

York University has an Affirmative Action Program with respect to its faculty and librarian appointments. The designated groups are: women, racial/visible minorities, persons with disabilities and aboriginal peoples. Persons in these groups must self-identify in order to participate in the Affirmative Action Program. The Department of Geography welcomes applications from persons in these groups. The Affirmative Action Program can be found on York's website at www.yorku.ca or a copy can be obtained by calling the affirmative action office at 416-736-5713. Canadian citizens and permanent residents will be considered first for this position.

CANADA, ONTARIO, TORONTO M5S 3G3.

The Department of Geography, University of Toronto at Mississauga, invites applications for an **Economic Geographer**, tenure-stream position at the **Assistant Professor** rank commencing 1 July 2003. We seek candidates with special interest in urban regions including emphasis, for example, on population, development, immigration, environment and transportation. Preference will be given to those who have an interest in combining qualitative and quantitative spatial analysis and demonstrate linkages with policy implications. The candidate is expected to contribute to the geography and environmental management programs. The successful candidate must have a PhD in geography or a related discipline, and demonstrated potential of high quality scholarly research and publication, and a demonstrated commitment to excellence in teaching.

The University of Toronto at Mississauga has an interdisciplinary commitment, a multicultural student body, and a modern, spacious campus where the appointee will be expected to develop an externally funded research program and contribute to a diverse undergraduate and graduate education. The successful candidate will have a graduate appointment in the Department of Geography and Program in Planning, University of Toronto.

Additional information on the Department can be obtained through the World Wide Web at <http://eratos.utm.utoronto.ca/> and <http://www.geog.utoronto.ca>. Any inquiries about the application should be sent to fcs@geog.utoronto.ca

The University of Toronto is fully committed to academic excellence and welcomes applications from all qualified individuals. All qualified candidates are encouraged to apply; however, Canadian and permanent residents will be given priority. The University of Toronto is strongly committed to diversity within its community.

The University especially welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, members of sexual minority groups, and others who may contribute to the further diversification of ideas.

The deadline for submission of applications is 15 January 2003. Candidates should send a current Curriculum Vitae, brief statements of teaching specializations and research interests, copies of selected reprints to the address below. Applicants should also ask three referees to send letters of recommendation under separate cover: DEC 02-249a

Apply: Professor Joseph R. Desloges, Chair, Department of Geography and Program in Planning, University of Toronto, 100 St. George St. Room 5047, 5th Floor, Sidney Smith Hall, Toronto, Ontario, Canada M5S 3G3

Please note that no e-mail applications will be accepted.

*CANADA, ONTARIO, WATERLOO N2L 3G1.

The Department of Geography at the University of Waterloo invites applications for a tenure-track position in **Geography** at the **Assistant Professor** level specializing in **Industry, Innovation and the Environment**. Preference will be given to applicants who have an ability to conduct research and teach in one or more of the following areas: global/local industrial change; innovation; location decisions; urban/rural/community economic development; industrial ecology; environmental management systems; sustainable business; and quantitative methods. The successful candidate is expected to contribute to broader Faculty of Environmental Studies initiatives such as the Master's Program in Local Economic Development and the Environment and Business Honours Program. The successful candidate is expected to be a strong contributor to research and teaching at both the graduate and undergraduate levels.

The Department of Geography is part of the Faculty of Environmental Studies, which consists of the School of Architecture, the Department of Environment and Resource Studies, the Department of Geography, and the School of Planning. There are additional graduate programs in Local Economic Development and in Tourism, and an undergraduate program in Environment and Business. For additional information about the Department see: <http://www.fes.uwaterloo.ca/geography>.

The University of Waterloo is strengthening its capacity in industry, innovation and environment-related research with the establishment of a Centre for Business, Entrepreneurship and Technology,

the creation of new programs such as Environment and Business, and the establishment of the Eyton Chair in Entrepreneurship.

Applicants must have a Ph.D. In addition, practical experience in government, business or NGOs would be an asset. The appointment will be effective 1 September 2003. Applications must include a statement of career objectives and research goals, a personal assessment of experience and achievements, and an indication of the applicant's approach to teaching and learning. Applicants must include with the letter of application a curriculum vitae and the names (with contact information) of four possible referees. The first stage in the review of applicants will be based on the letter of application and the C.V. Referees will be contacted for those being considered in the second stage of the review. The review of applications will commence on 21 February 2003 and continue until the position is filled. JAN 03-12.

Apply: Chair, Faculty Search Committee, Department of Geography, Faculty of Environmental Studies, University of Waterloo, Waterloo, ON, Canada N2L 3G1.

The University of Waterloo encourages applications from all qualified individuals, including women, members of visible minorities, native

persons, and individuals with disabilities. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. This appointment is subject to the availability of funds.

CANADA, QUEBEC, MONTREAL H3A 2K6. McGill University, Department of Geography. Applications are invited for a tenure-track position at the **Assistant Professor** level in **Economic Geography**, beginning on 1 June 2003. Applicants must possess a PhD or expect to graduate by summer 2003, and have demonstrated excellence in research, teaching and communication. The successful candidate's research should focus on advanced economies at an urban, regional or national scale. Knowledge of location theory and modelling is desirable. In addition to teaching at the undergraduate and graduate levels (the latter preferably in methods of regional analysis or land economics) candidates should expect to contribute to the teaching program of the Department of Agricultural Economics. The successful candidate is expected to develop a vigorous research program, embracing graduate student supervision. There are excellent opportunities for collaboration within the Departments and other units such as Economics, Urban Planning, the

School of Environment, the Institute for the Study of Canada, and departments involved in the Masters in Social Statistics option. Information on McGill and the Department of Geography can be found at www.mcgill.ca and www.geog.mcgill.ca

Salary will be commensurate with qualifications and experience.

The Department encourages applications from qualified women and men, visible and other minorities, aboriginal people, and persons with disabilities. In accordance with Canadian immigration requirements, this advertisement is directed in the first instance to Canadian citizens and permanent residents of Canada. McGill University is committed to equity in employment.

Candidates should ensure their curriculum vitae, statements of teaching specializations and research interests, up to three reprints, and three confidential letters of recommendation, sent under separate cover by the candidate's referees, are received before 30 January 2003 DEC 02-269.

Apply: Dr. Gordon Ewing, Chair, Department of Geography, McGill University, 805 Sherbrooke St. West, Montreal, Quebec, Canada, H3A 2K6. Voice 514-398-4112. Fax 514-398-7437. E-mail chair@geog.mcgill.ca. ■

- Agnew, John. *Making Political Geography*. New York: Oxford University Press, 2002. 208 and 13 pp., n.p., ISBN 0-340-75955-0.
- Badcock, Blair. *Making Sense of Cities: A Geographical Survey*. New York: Oxford University Press, 2002. 280 and 8 pp., n.p., ISBN 0-340-74224-0.
- Bailey, Robert G. *Ecoregion-Based Design for Sustainability*. New York: Springer-Verlag, 2002. 222 and 13 pp., \$49.95, ISBN 0-387-95430-9.
- Beauregard, Robert A. *Voices of Decline: The Postwar Fate of U.S. Cities*. London and New York: Routledge, 2003. 304 and 15 pp., \$24.95, ISBN 0-415-93238-6.
- Becher, Bernd and Hilla (trans. Anne Heritage). *Industrial Landscapes*. Cambridge, MA: MIT Press, 2002. 180 pp., \$85.00, ISBN 0-262-02507-8.
- Brown, R. Harold. *The Greening of Georgia: The Improvement of the Environment in the Twentieth Century*. Macon, GA: Mercer University Press, 2002. 362 and 6 pp., \$39.95, ISBN 0-86554-789-0.
- Collier, Michael and Webb, Robert H. *Floods, Drought, and Climate Change*. Tucson: University of Arizona Press, 2002. 153 and 11 pp., \$17.95, ISBN 0-8165-2250-2.
- Grant, Michael J. *Down and Out on the Family Farm: Rural Rehabilitation on the Great Plains, 1929-1945*. Lincoln, NE: University of Nebraska Press, 2002. 232 and 11 pp., \$39.95, ISBN 0-8032-7105-0.
- Grant, Richard and Short, John Rennie, eds. *Globalization and the Margins*. New York: Palgrave Macmillan/St. Martin's Press, 2002. 215 and 13 pp., n.p., ISBN 0-333-96432-2.
- Haslett, Simon K., ed. *Quaternary Environmental Micropalaeontology*. New York: Oxford University Press, 2002. 340 and 10 pp., n.p., ISBN 0-340-76198-9.
- Hayes, Derek. *Historical Atlas of Canada: Canada's History Illustrated With Original Maps*. Seattle: University of Washington Press, 2002. 272 pp., \$60.00, ISBN 0-295-98277-2.
- Higano, Yoshiro et al., eds. *The Region in the New Economy: An International Perspective on Regional Dynamics in the 21st Century*. Burlington, VT: Ashgate, 2002. 430 and 20 pp., \$89.95, ISBN 0-7546-1983-4.
- Hinsley, Curtis M. and Wilcox, David R., eds. *The Lost Itinerary of Frank Hamilton Cushing*. Tucson: University of Arizona Press, 2002. 349 & 37 pp., \$50.00, ISBN 0-8165-2269-3.
- Hoerder, Dirk. *Cultures in Contact: World Migration in the Second Millennium*. Durham, NC: Duke University Press, 2002. 779 and 22 pp., \$100.00, ISBN 0-8223-2834-8.
- Lawson, Andrew B. and Denison, David G.T., eds. *Spatial Cluster Modelling*. Boca Raton, FL: Chapman & Hall/CRC, 2002. 287 and 14 pp., \$69.95, ISBN 1-58488-266-2.
- Mannion, A. M. *Dynamic World: Land-Cover and Land-Use Change*. New York: Oxford University Press, 2002. 230 and 10 pp., n.p., ISBN 0-340-80679-6.
- McDonald, David A., and Crush, Jonathan, eds. *Destinations Unknown: Perspectives on the Brain Drain in Southern Africa*. Kingston, Ontario: Southern African Research Centre, African Century Publications Series No. 5, 2002. 400 and 5 pp., n.p., ISBN 0-7983-0148-1.
- Monmonier, Mark. *Spying With Maps: Surveillance Technologies and the Future of Privacy*. Chicago: University of Chicago Press, 2002. 239 and 10 pp., \$25.00, ISBN 0-226-53427-8.
- Morris, Lydia. *Managing Migration: Civic Stratification and Migrants' Rights*. New York: Routledge, 2002. 178 and x pp., \$22.95, paperback, ISBN 0-415-16707-8.
- Nevarez, Leonard. *New Money, Nice Town: How Capital Works in the New Urban Economy*. London and New York: Routledge, 2003. 224 and 14 pp., \$22.95. ISBN 0-415-93343-9.
- O'Sullivan, David and Unwin, David J. *Geographic Information Analysis*. Hoboken, N.J.: Wiley, 2003. 436 and 11 pp., \$70.00, ISBN 0-471-21176-1.
- Raffles, Hugh. *In Amazonia: A Natural History*. Princeton, NJ: Princeton University Press, 2002. 302 and 13 pp., \$55.00 cloth, \$17.95 paper, ISBN 0-691-04885-1.
- Robinson, Jenny, ed. *Development and Displacement*. New York: Oxford University Press, 2002. 286 and 8 pp., n.p., ISBN 0-19-925507-5.
- Scoones, Ian and Wolmer, William, eds. *Pathways of Change in Africa: Crops, Livestock and Livelihoods in Mali, Ethiopia and Zimbabwe*. Portsmouth, NH: Heinemann, 2002. 236 and 20 pp., \$64.95, ISBN 0-325-07124-1.
- Smol, John P. *Pollution of Lakes and Rivers: A Paleoenvironmental Perspective*. New York: Oxford University Press, 2002. 280 and 24 pp., n.p., ISBN 0-340-69167-0.
- Sporton, Deborah and Thomas, David. *Sustainable Livelihoods in Kalabari Environments: Contributions to Global Debates*. New York: Oxford University Press, 2002. 231 and 19 pp., n.p., ISBN 0-19-823419-8.
- Swaffield, Simon, ed. *Theory in Landscape Architecture: A Reader*. Philadelphia: University of Pennsylvania Press, 2002. 265 and 12 pp., \$27.50, ISBN 0-8122-1821-3.
- Warren, Kay B. and Jackson, Jean E. *Indigenous Movements, Self-Representation, and the State in Latin America*. Austin, TX: University of Texas Press, 2003. 294 and 7 pp., \$50.00 cloth; \$22.95 paper, ISBN 0-292-79141-0. ■

2003

JANUARY

30-31. National Council for Science and the Environment 3rd National Conference on Science, Policy, and Environment, Washington, DC. www.ncesonline.org/conference.

FEBRUARY

2-6. Eastern Historical Geography Association, St. Augustine, FL. <http://web.geog.ufl.edu/ehgastaugustine1.html>.

4-6. Texas Natural Resources Information System (TNRIS) 13th Annual Statewide GIS Forum, Austin TX. Contact Charles Palmer at cpalmer@tnris.state.tx.us or visit www.tnris.state.tx.us.

13-18. American Association for the Advancement of Science Annual Meeting and Science Innovation Exposition. Denver, CO. Contact aasmeetings@aaas.org or visit www.aaasmeetings.org.

MARCH

5-8. **AAG 99th Annual Meeting**. New Orleans, LA. To register, visit www.aag.org.

APRIL

2-6. 18th Annual Symposium, U.S. Chapter of the Association for Landscape Ecology. Banff, Alberta, Canada. www.zoo.utoronto.ca/US-IALE_2003.

9-11. California GIS Conference. Palm Springs, CA. Contact leann03@pacbell.net or visit www.calgis.org.

9-12. Association of Arid Land Studies. Las Vegas, NV. Contact Richard Francaviglia at francaviglia@uta.edu or visit www.wssa.asu.edu/.

9-12. Western Social Science Association 45th Annual Meeting. Los Vegas, Nevada. Contact Richard Green at the Department of Geography, Northern Illinois University, DeKalb, IL 60114, or green@geog.niu.edu.

MAY

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

14-18. **Nations, States, Drugs and Terrorism: Collusions and Conflicts**. Washington, DC. www.usm.maine.edu/gany/Conference2002.htm.

19-21. Geospatial World (The Intergraph Geospatial Users Community International Training and Management Conference). New Orleans, LA. Contact gis@ingr.com or visit www.intergraph.com/geospatialworld.

22-24. International Conference on Energy and the Environment. Shanghai, China. Contact Daoping Liu at dpliu@online.sh.cn or visit www.gwu.edu/%7Eeem/ICEE/main.htm.

27-30. 14th Global Warming International Conference and Expo. Boston, MA. www.GlobalWarming.net.

JUNE

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

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

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

JULY

6-11. Summer Institute in Economic Geography. Madison, WI. Contact olds@geography.wisc.edu.

7-11. ESRI International User Conference. San Diego, CA. Contact uc2003@esri.com or visit www.esri.com.

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

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

20-29. Society and Environment Interaction under Conditions of Global and Regional Changes (IGU Topical Confer-

ence). Moscow and Barnaul (Altai), Russia. Contact igras@igras.geonet.ru.

21-25. International Geoscience and Remote Sensing Symposium (IGARSS). Toulouse, France. Contact conferenceservices@ieee.org or visit www.ieee.org.

SEPTEMBER

3-5. Geography, Serving Society and the Environment, RGS-IBG Annual Conference. London, UK. Contact rhed@rgs.org or visit www.rgs.org/ACLondon2003.

OCTOBER

11-15. URISA Annual Conference. www.urisa.org.

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

DECEMBER

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

9-13. 12th International Conference of Historical Geographers. Auckland, NZ. www.geog.auckland.ac.nz/ichg2003.

2004

15-20. **August**. Glasgow, UK. The 30th Congress of the International Geographical Union. Contact www.meeting-makers.co.uk/IGC-UK2004.

16-20. **March. AAG 100th Annual Meeting**. Philadelphia, PA. www.aag.org.

2005

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

2006

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

Ives and Messerli Awarded Medals

Jack D. Ives and Bruno Messerli were each awarded the King Albert Medal of Merit on 31 August 2002 in St. Moritz, Switzerland. Both were recognized for their long-standing commitment to the sustainable development of the world's mountain regions.

The medals were awarded by the King Albert Memorial Foundation, which was established in memory of the late King Albert of Belgium, who perished in a solitary rock climb at Marche-les-Dames near Brussels in 1934. The medal is conferred together with a diploma on persons

or institutions that have distinguished themselves in some way in the mountain world. Previous recipients include Lord John Hunt, Brad Washburn, Charles Houston, and Augusto Gansser. ■

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