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Paul Krugman Awarded Nobel Prize for Achievements in Economic Geography

Pinceton University economist and *New York Times* columnist Paul Krugman has been awarded the 2008 Nobel Prize in Economics for groundbreaking research in international trade and economic geography.

In an announcement released by The Royal Swedish Academy of Sciences, Krugman was cited for developing a groundbreaking new model of international trade and for making important contributions to the "analysis of trade patterns and location of economic activity." These two distinct but connected achievements "provided the seeds of a new economic geography," according to the announcement.



Krugman

Krugman is a well-known public figure whose popular blog, numerous television and radio appearances, and *New York Times* columns connect both big and small picture economics with current politics and social issues of the day, often using humor to make a point or rail opponents.

As Harvard economist Edward Glaeser recently noted, Krugman is often a polarizing public figure "loved by millions but also intensely disliked by his political opponents." With such a wide following, Krugman may also be the best-known recipient of the Sveriges Riksbank Prize in Economic Sciences, also known as the Nobel Prize in Econom-

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Las Vegas in Film

It's either a familiar cry of pleasure, or a lament: The song starts with quick and repeating guitar riffs, and in then drop a pair of voices, instantly recognizable as Emmylou Harris and Gram Parsons: "Oooohhhh Las Vegas, ain't no place for a poor boy like me. / Every time I hit that crystal city ya know it's gonna make a wreck out of me." If there is any city in the United States that better-embodies the image of lovably losing, share it later. Not just Americans but citizens around the world see Las Vegas as the spitting image of hope, of luck, of possibility, and the bellwether of life and of chance winning out in the end – while never failing to acknowledge the house edge.

For that reason alone, Las Vegas is the Red Queen of popular culture, and inspiration for a remarkable set of films. They come in various flavors, but understatement isn't a part of any of them; watch at will, though with a little wariness for the strong fare.

Vegas and Casinos in Film

With its jejune if cheerful image as a loser's paradise, home to the fabled national tag-line, "what happens in Vegas stays in Vegas," and for fifty years strutting a hard-earned demographic supremacy as among the very fastest growing cities in the United States, Las Vegas is perennially in the world view.

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The Riviera Hotel, site of the 2009 AAG Annual Meeting, provided the backdrop for the 1995 film *Casino*, starring Robert DeNiro. For more on Las Vegas as portrayed in film, see article at right.

Annual Meeting Abstract Submission Deadline Extended to November 13. www.aag.org/annualmeeting

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Faculty and Teacher Professional Development at the AAG

Geographers work in a variety of settings in higher education, government, and the private sector. The progression from student to accomplished professional is one that the AAG now supports through a host of broad-based initiatives for individuals at different career stages. This column discusses current AAG professional development programs for geographers in teaching fields; a future column will report on the efforts the AAG is leading to improve the preparation of geographers for careers outside of universities and these schools.

Enhancing professional development of early career faculty in higher education is foundational to the health of every academic department. The AAG's approach to faculty professional development focuses especially on programs for graduate students and new faculty, but also views the efforts of more experienced faculty and department chairs as vital for achieving long-term change that enhances the quality of geography teaching and learning at all levels of education. At the core of the AAG's educational programs is a focus on developing the pedagogical skills of future educators while situating that information within the context of geography. The idea here is to marry general concepts in education with the discipline-based issues that geography educators need to know, making it easier for them to understand and align relationships between teaching methods and learning outcomes.

A good example of this approach is the highly successful Geography Faculty Development Alliance (GFDA) workshops, directed since 2002 by Ken Foote at the University of Colorado. GFDA workshops provide doctoral students and untenured faculty with theoretical and practical preparation on the key issues of time management, career planning, writing grant proposals, academic publishing, course design, and many other topics that, although central to faculty work, are often not discussed

systematically in graduate curricula. In 2008, JW Harrington joined Ken as co-director of the GFDA workshops, which drew a full cohort of participants under a new fee-based model following the end of NSF support. The AAG now helps to administer and support this important program to ensure its sustainability in future years.

The AAG, through the NSF-funded EDGE program, is also sponsoring workshops at 2008 regional meetings, based on the books *Aspiring Academics* and *Teaching College Geography*. EDGE workshops will also be conducted at the 2009 Annual Meeting in Las Vegas. These books and a companion website offer research-informed advice as well as substantial content for use in graduate seminars,

workshops, and mentoring programs for graduate students and new faculty. Indeed, participants in GFDA and EDGE workshops are also using *Aspiring Academics* and *Teaching College Geography* to support professional development in several academic departments during the 2008-2009 academic year.

Professional development does not end once faculty earn tenure. It is a life-long, career spanning process that recognizes how faculty expectations evolve into mid-career and later stages. This is one of the reasons why the AAG established the Healthy Departments initiative in 2002 and subsequent annual workshops for strengthening departmental leadership. Through regular and sustained communications with department chairs, the Healthy Departments initiative and workshops support important departmental goals such as strategic planning, growing student enrollments, securing external funding and other financial resources, establishing effective working relationships with other departments, and documenting student learning outcomes.



Richardson

Continued on page 4

Belief and Policy

When you apply for an NSF grant or for all manner of other grants and fellowships you are usually asked about the "policy implications" of your project. The presumption is that research is or can be a source of systematic theory and information upon which to base public policies. In this perspective, policy should follow from or be led by reasoned analysis of propositions based at least in part on empirical information. Of course, this can be criticized as a technocratic view of policy making. In the real world, policies more frequently seem to reflect disputes over values and beliefs in which protagonists cherry pick information to fit a case for this or that policy that they have already decided on. Lobbyists and interests rule. Be this as it may, at one time expert knowledge was presumed to play a vital role in making economic, social, and environmental policies. This appears to be less and less the case. It represents something of a crisis for many of us who still insist on the immediate "policy relevance" of our research.

In the 1960s and 1970s, a certain hubris reigned about formulating policies as "technical fixes" to this or that problem. Hitting just the right rate of money supply would fine-tune the economy and having all children attend pre-school would guarantee better achievement later on in school and ultimately reduce social inequality. Experts could engineer a better future without fundamentally changing social and political institutions and without pesky interference from the public or politicians. An "experimenting society" would match the best policy to whatever goal was set. While a relative consensus about goals existed, as it did in the U.S. down until the late 1960s and early 1970s, there wasn't much problem with the "policy implications" model. Since then, however, the entire connection between research and policy has been thrown into doubt. Who could say in all seriousness, for example, that recent U.S. economic and foreign policies bear any even distant relationship

to the best research emanating from the halls of American academe?

From one viewpoint, what has happened is a polarizing of politics (and, perhaps, the public) between essentially non-negotiable views of policy based in abstract principles rather than in pragmatic conceptions of what is and what is not desirable from a problem-solving point of view. Thus, a whole slew of serious policy areas – human influence on climate change, species preservation, energy systems, AIDS transmission and population policy, and the militarization of outer space – are now often hostage to abstract and competing claims about geological history, seats of freedom and democracy, when life begins, and the human "mission" on the earth. Absolute belief overwhelms a need for analysis. Certainly, the issue of the use of U.S. intelligence before the Iraq War and the lack of respect for compelling evidence of global warming give one pause. The anti-scientific global leadership of the U.S. in recent years is hardly a cause for celebration. But, as Tocqueville reported from his trip around America in the 1830s, Americans have long been given to casting practical questions in grandiloquent terms. Many academics have long been happy recruits to the culture wars.

From another perspective, many policy prescriptions today are not so much the result of polarization into abstract camps as of democratized or more open policy debates. Politics should be all about the clash of ideals and prescriptions rather than a technocratic exercise in depoliticizing everything for the sake of efficiency. People have different viewpoints about policy. These are not necessarily invariably ill-informed. For this approach to work, however, there must be real limits on the sort of demented rhetoric and political obscurantism that have characterized U.S. politics in recent years. My namesake when

Vice-President of the United States was an early instigator of this pathology at the behest of his President: name calling masquerading as political oratory. Desiring an echo from the media, not any sort of analysis, he excoriated journalists as the "nattering nabobs of negativity." Notwithstanding the natty alliteration, this is the politics of the bar. In his marvelously idiosyncratic book, *In Defence of Politics* (University of Chicago Press Edition, 1993), Bernard Crick requires his protagonists to accept the necessity for negotiation and strategic bargains, if only the better to fight again another day. Absent this, major league politics becomes impossible. Then the possibility of democracy dies too.

The role of the academic specialist within this conception of policy and belief is totally different from that of the technocratic expert fixing policies into place. First, it is about presenting evidence about consequences and alternatives so that others can be better informed when they or their representatives make policies. Second, and perhaps even more importantly, it is about challenging what goes for conventional wisdom when that seems to involve abuse of power and the manipulation of evidence at the behest of a currently dominant belief. The great American sociologist C. Wright Mills put this best: "The political calling of the intellectual [is in] the unmasking of lies which sustain irresponsible power." Writing for popular audiences is one way of doing this. Encouraging our analytically brightest students to pursue careers in public service is another. In a world of so many Brownies and Albertos there's still much work to do. ■



Agnew

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Paul Krugman Awarded Nobel Prize from page 1

ics, in the 40-year history of the award, and is perhaps one of the most widely-recognized recipients of a Nobel Prize ever.

Krugman received his PhD in economics in 1977 from the Massachusetts Institute of Technology. In 1979 and 1980, he proposed a new theory of international trade in two seminal papers by building on the 19th century economic framework of David Ricardo and 20th century theories by Swedish economists Eli Heckscher and Bertil Ohlin.

While several researchers in the 1970s had been working to explain observable global trade patterns in ways that would improve on previous models, it was "Krugman who most clearly and forcefully articulated the

revolutionary nature of this new approach for the theory of international trade" according to a report released by the Prize Committee of the Swedish Academy of Sciences, which accompanied the announcement of the award. The report cited the elegance of Krugman's mathematical model which, "due to its simplicity...illustrates the key mechanisms in a particularly clear way."

In addition to economic geography and international trade theory, the report also cites Krugman's contributions to strategic trade policy.

Paul Krugman is professor of economics in the Woodrow Wilson School of Public and International Affairs at Princeton Uni-

versity. He is the author of *Geography and Trade* (1991), *Development, Geography, and Economic Theory* (1995), and many other books.

The full announcement of the award and related documents are available at <http://nobelprize.org>. ■

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Faculty and Teacher Development from page 2

The AAG's professional development initiatives also include a strong and integrated set of successful materials, research projects, and ongoing programs for pre-service and in-service K-12 teachers. With support from FIPSE in the U.S. Department of Education, the AAG developed a *Teaching Geography* CD, which is distributed directly by the AAG and is also included in the second edition of the book by Phil Gersmehl, *Teaching Geography* (Guilford Press). Through engaging multimedia units, the AAG Teaching Geography CD illustrates how spatial thinking concepts directly support the geography, math, history, and science standards in every state. As many of you know, the 1994 national geography standards are currently being revised and updated through a process managed by the AAG in coordination with GENIP. The new standards will be published in 2009 and will reflect more

recent work in geographic learning and spatial cognition, as well as the use of geographic technologies in education.

The scope of the AAG's professional development opportunities extends beyond the United States through our internationalization efforts. Since 2003, the AAG's Center for Global Geography Education project has sponsored workshops in places as far-flung as Chile, Scotland, and Tunisia to help geographers practice international collaboration in their teaching. Founded in 2001, the AAG's My Community, Our Earth: Geographic Learning for Sustainable Development Program (MyCOE) has similarly supported elementary, middle school, and secondary teachers around the world to learn how to use geographic technologies and concepts as a framework for improving geography, math and science, and environmental education.

Outreach and learning materials developed in nine languages are provided free of charge through an online library that emphasizes hands-on, project-based, and inquiry-driven pedagogy. In 2008 alone, the AAG conducted MyCOE workshops for teacher and faculty professional development for educators from 18 countries, with three regional events held in Panama, Tunisia, and the Philippines.

For more information about these and other AAG professional development programs and publications, please visit www.aag.org/education/aag/edu_project_main.cfm. We welcome your feedback and comments on the research, materials, and programs undertaken by the AAG in these areas. ■

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AAG Disability Fund In Memory of Todd Reynolds

The AAG has established the AAG Disability Fund in memory of Todd Reynolds. The purpose of the fund is to expand support to geographers with disabilities to participate in the AAG and its Annual Meetings. Examples of the kinds of activities that the fund will support include but are not limited to: providing financial assistance with travel, accommodations, registration, or related expenses for graduate or undergraduate students with disabilities to participate in professional meetings of the AAG; covering the cost of additional special services at AAG meetings to increase accessibility for attendees with disabilities and/or chronic illnesses; conducting dissemination or other activities around AAG events and activities to expand accessibility more broadly to geographers with special needs.

Donations may be made by check. Checks should be written to the AAG with a note in the memo line designating the AAG Disability Fund/Todd Reynolds. Mailing address: AAG, 1710 16th Street NW, Washington, DC 20009-3198.

For further inquiries, please contact Candida Mannozi, cmannozi@aag.org.

Jobs in Geography Fair in Las Vegas

The AAG will host the Jobs in Geography Career Fair at the 2009 Annual Meeting in Las Vegas. The JIG is open to all Annual Meeting attendees, and all current and future job seekers are encouraged to stop by and meet the recruiters. The JIG Center will provide the opportunity for attendees to meet with representatives and recruiters from a wide variety of government institutions, private companies, and academic departments. Past JIG Center Career Fair employers have included ESRI, FUGRO EarthData, Google, the National Geospatial Intelligence Agency, NAVTEQ, DNI Open

Source Center, TeleAtlas, The U.S. Census Bureau, the U.S. Geological Survey, and many others. Job seekers will be able to submit their resumes ahead of time via the online AAG 2009 Attendee Resume Bank on the Annual Meeting website for prior review by recruiters.

The JIG Center Career Fair is organized as an open exhibition. Employers will have display tables where they will exhibit company information and meet with job seekers. As they are confirmed, JIG employers will be listed on the Annual Meeting website, so check frequently in the weeks prior to the conference. Employers also will have the

opportunity to post job announcements on the AAG website prior to the meeting.

There is no need for attendees to register prior to the event. The JIG Center will be open from 9:30-4:30, Tuesday through Thursday, March 24-26, 2009.

News and information about the JIG Center Career Fair is posted on the AAG Annual Meeting website at <http://aag.org/annualmeetings/2009>. For more information about attending or recruiting at the 2009 Jobs in Geography Career Fair, job seekers and employers may contact Matthew Koeppel of the AAG Staff at mkoeppe@aag.org. ■

John Wesley Powell Biographer to Speak at 2009 AAG Annual Meeting

Noted environmental historian Donald Worster will be a featured speaker at the AAG's 2009 Annual Meeting, to be held in Las Vegas, Nevada, March 22-27.

Donald Worster is Joyce and Elizabeth Hall Professor of U.S. History at the University of Kansas. His most recent book, *A River Running West: The Life of John Wesley Powell*, was published by Oxford University Press in 2001. Worster will reflect on the book some seven years after its publication, near the site of the canyon that was so

meticulously explored and documented by Powell.

Worster's earlier books include *The Wealth of Nature*, *Under Western Skies*, *Rivers of Empire*, *Dust Bowl*, and *Nature's Economy*. He is former president of the American Society for Environmental History and a member of the Western History Association, the Organization of American Historians, and the American Historical Association.

Worster's primary concerns in the emerging field of environmental history



Worster

include the changing social perception of nature, the rise of conservation and environmentalism, and especially the ways that the natural world has impinged on human society and provided the context for human life over time.

The Association of American Geographers is pleased to welcome Donald Worster to the Annual Meeting. Additional details on his presentation will appear in a future AAG *Newsletter* and on the AAG website at www.aag.org. ■

Getting to Las Vegas

There are many low cost ways to get to Las Vegas. The city is easily accessible by air, rail, bus, and car. The AAG has arranged further discounts from United Airlines, Amtrak, and Hertz. The Las Vegas airport offers hundreds of economical flights each day from domestic and international locations. For more information on travel discounts for the Annual Meeting, see www.aag.org/annualmeetings/2009/transportation.

Not all is about losing, however. Twenty-five years ago, A. Alvarez recounted the story of a man who came in off the night-shrouded desert with two suitcases, entered Benny Binion's Horseshoe Club, and quietly converted a half-million dollars to chips. He navigated to a roulette table, put the entire amount on red to win, and watched the spin of the wheel. The ball dropped to "red," he tipped the croupier, cashed out the chips, put the neatly-wrapped bills into the two suitcases, and headed back into the desert: a seamless single transaction. As he approached his car, someone thought to ask what he was doing. "I had the money lying around, and I figured I might as well double it or lose it," and with that closing note, he disappeared forever.

Vegas-based casino films are a tough bunch, and not for everyone. Many are fixed firmly on the odds — and beating them, either by dint of personality or by scheme or scam. Still, the Vegas scenery, economy, and élan dominate. For pseudo-historical films, there is 1991's *Bugsy*, directed by Barry Levinson, with Annette Bening (as Virginia Hill) and Warren Beatty playing Ben Siegel, the godfather of the modern casino magnate. No truer than most fictionalized biopics, it's without a happy ending, unless you're pulling for Vegas, itself. The combination of *Oceans 11* (1960), starring the fabled "Rat Pack," and the 2001 remake, directed by Steven Soderbergh, with George Clooney and a distinguished cast, present two versions of what is essentially an ensemble heist flick, with lots of eye candy from actual Vegas properties. The banner film year was 1995, with three releases representing essentially the alpha and omega of visions of Vegas. *Casino*, directed by Martin Scorsese, is a gritty and unrelenting film noir in the spirit of the director's early work, and earned Sharon Stone best actress recognition from the Academy. *Leaving Las Vegas*, from Mike Figgis, offers Nicholas Cage as a down and out alcoholic whose end seems near as he heads to Vegas to finish himself off, until the intervention of Elizabeth Shue. She plays a familiar type in the old-style Western, a "soiled dove" who ultimately works him down from his psychological ledge — in a role

that earned Cage an Academy Award. Las Vegas casinos wouldn't allow interior shots from their properties for what they saw as a "depressing" film, so much of it was filmed in Laughlin, a newly-emerging gaming center along the Colorado River. The 1995 Paul Verhoeven vessel, *Showgirls*, can be described as almost anything except art, unless you're into feathers boas and startling pneumatics; it won nothing (except seven "Razzies" for worst film, plus a posthumous eighth for "worst film of the decade"). Perhaps the best recent effort is the 2003 Wayne Kramer-directed *The Cooler*, starring William H. Macy as an ex-gambler so unlucky that he's on retainer with an old-time Vegas casino boss to "cool off" tables where a gambler is on a roll and cutting too deeply into the house take. Several of these offer superlative film-making and excellent character studies; certainly they are well above the sort of fare offered by NBC television's *Las Vegas* television series that aired for five years, disappearing in 2008.

The Other Vegas

When you check on imdb.com for a plot outline of *Viva Las Vegas* the window says "The plot synopsis is empty." No truer words were ever spoken. But with Elvis Presley and Ann-Margret romping around Las Vegas in a 1964 film, any injection of plot might be overkill. Lucky Jackson (Presley) is trying to race in the first Las Vegas Grand Prix; Rusty Martin (Ann-Margret) is the distraction, with glorious scenes set on-campus at the "Southern Branch" (later UNLV), and dancing and singing enough to go around. Of course, Clark County now has a current population of more than two million people (2008), and is the fifteenth-largest county in the U.S. (larger than New Jersey). Las Vegas is one of just five major cities in Clark County, and there is a considerable life to the place beyond casinos and gambling, even if many of the forty-million tourists a year who go to Las Vegas (itself) don't have a clue about what lies beyond. Elvis and Ann-Margret knew; various film-makers do also.

Films made in Vegas that don't necessarily emphasize libertinage and the clink and

gasp of the slot machines are an eclectic but hardly displeasing bunch. If Las Vegas (and Clark County broadly) can accurately be said to have been formed by what Victoria Randlett once called "Mormons, the military, and mobsters" (Marc Cooper, in *The Last Honest Place in America* added "MBAs"), then there are stories to be told.

Perhaps the best single effort is a twofer: the first pair of "Godfather" films (#2 and #4 on the IMDB top 250 film list), based on the novel by Mario Puzo. Especially good is *The Godfather: Part II*, from a screenplay by Francis Ford Coppola, who directs the entire series. Significant parts of the effort are set in Vegas, and the role played by the city is both gentle and reminiscent of some of the mid-period work by crime novelist Thomas Perry, which portrays Vegas as home and sanctuary to a variety of organized-crime family members. The "truthiness" of this, as Stephen Colbert might have it, is not absolute, but the story and setting is grandiose.

Other efforts do interesting things for Vegas, including a couple of dark horses. A small gem is *Desert Bloom* with Jon Voight, JoBeth Williams, Ellen Barkin, and the memorable Annabeth Gish, in a 1986 portrait of family adaptation to a variety of dysfunctions that end in a flash with detonation of an atomic test that the family watches going off in the distance. A more ominous view of the Atomic Test Site, which loomed over Las Vegas like a Damoclean sword from the late 1940s through the 60s, is in Jayne Loader's 1982 documentary, *The Atomic Cafe*, which is alternately funny, nostalgic, sarcastic, and terrifying. How DID some of us live through such straits without guzzling "atomic cocktails" by the quart?

The late 1990s yielded a pair of quite forgettable films, each intended as comedy, or so we believe. Not even good enough to reach the status of cult film was Terry Gilliam's *Fear and Loathing in Las Vegas* (1998), based on the hilarious novel by Hunter S. Thompson and starring Johnny Depp and Benicio Del Toro in two essentially brain dead roles. *Vegas Vacation* (1997), is no less a dim bulb; the fourth down payment on the

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Las Vegas in Film from page 6

Chevy Chase vacation series. Of the last, we can only say, three was enough; it's a Vegas byword to quit while you're ahead: they should have done.

At the other end of the spectrum, leaping from film to television, we would be remiss not to laud a global (truly so) exposure to Vegas through *CSI* (*Crime Scene Investigation*), now in its ninth season (with multiple spinoffs) and, since 2002 regularly the most-watched show on television. Luckily, the actors only infrequently utter the name "Nevada," which they mispronounce as routinely as the President. Yet, as luckily, the show exposes audiences to a variety of venues for murder – not just casinos and after-hours clubs. Local neighborhoods and outlying or rural areas are featured, although the only reliable on-location filming is in overhead shots of The Strip as each scene opens – a glimpse just to remind you where you are.



In the Sci-Fi classic *Tremors*, giant worms eat their way through the population of Perfection, Nevada.

Vegas Environs

Although the Las Vegas Valley has its charm, the sphere of influence (and reach for resources) goes far wider. Not only are water supplies and long-haul transportation critical to modern-day Vegas, they've been important pivots since 1900. Environs are important; there are loving treatments of the surroundings of Vegas in a number of films, but none improves on the undeservedly obscure early (1980) film by Jonathan Demme, based ever-so-loosely on real events. *Melvin and Howard* is a portrait of Melvin Dummer. Melvin is a resident of Gabbs, Nevada (don't ask,

who when taking a pee break by the side of a rural highway comes upon a disheveled older man, injured in a motorcycle accident, who turns out, of course, to be Howard Hughes. He rescues Hughes, drops him off in Vegas, and is later rewarded — if that's the word for it — by a handwritten note that purports to award him a sizable slice of the Hughes estate. A characteristic chaos ensues, but the loving study is of Melvin, a sanguine soul largely unaffected by his 15 minutes of fame, and of the Nevada countryside, from playas to fault scarps to trailer parks. This is Demme at his best, and clearly a harbinger of such later common-touch work by the director as *Swing Shift*, *Something Wild*, *Married to the Mob*, or *Silence of the Lambs*.

Any science-fiction film fan knows the Nevada desert fare well, and there are at least three modern classics, of widely varying value. Greatest is *Tremors*, a film directed by Ron Underwood with such a great cast and scenery (Alabama Hills, in the eastern Sierra, and various Nevada sites) that it fully merits cult status. What

can we say: Giant worms attack "Perfection, Nevada" and eat their way through much of the population (14 people); never has rhythmic movement (pogo sticks, basketball bounces, a broken bearing on a drink cooler) been so ominous. Genius. Tim Burton's *Mars Attacks!* (1996) is, well, bizarre, but the destruction of the trailer park world of Pahrump, Nevada, is epic, as is the treatment of country-western music. And *ID4* (*Independence Day*, 1996) culminates in a delightful version of Area 51 (which, of course, supposedly doesn't exist) and an attack by vicious space aliens. Each of these takes a sojourn

through basin and range topography, which is *sui generis*. The lesson? Vegas is a



Kevin Bacon and Fred Ward in a scene from *Tremors* (1990).

world unto itself, and in full measure, film has found it.

Critical Studies...

Las Vegas as repository of popular culture attracts social commentators, critics, admirers, and detractors almost without limit. Among the better are Neal Postman, Marc Cooper, and our late colleague at UNLV, Hal Rothman, who was more Vegas than Las Vegas itself. Why such a fascination with Las Vegas in film? In part, being a temple of popular culture rings true, and there's an enduring sense among Americans that what's popular is inherently more authentic or accessible. But there's charm – or repulsion – in the gambling and the wonderland of entertainment. Many thoughtful people regard "gambling" – sanitized to "gaming" in the Nevada vernacular – as an exploitation of the less educated, hooking into the hapless. Geodemographics shouts otherwise: Las Vegas attracts nearly everyone (except those who affect disdainful superiority), and it shows 'em a good time. The city has warmth enough for all, up to the point that your money runs out, and then there is grudging sympathy. But what a place Vegas is to visit, in person or on film, and what a Rorschach test it offers of the American psyche. ■

Paul F. Starrs and Gary J. Hausladen
University of Nevada, Reno

USGS Seeks Proposals to Advance National Spatial Data Infrastructure

The United States Geological Survey (USGS) and the Federal Geographic Data Committee (FGDC) have announced a request for proposals to support the 2009 National Spatial Data Infrastructure (NSDI) Cooperative Agreements Program (CAP). With over \$1.3 million spread across seven funding categories, the 2009 NSDI CAP will fund innovative projects in the geospatial data community. The goals of the awarded projects will be to develop data partnerships and advance the infrastructure required to discover, access, share, manage, and use geospatial data.

In 2008, NSDI-CAP awarded over \$1.1 million to 24 projects. One of the seven current categories is helping organizations build data stewardships for *The National Map* and the National Spatial Data Infrastructure. The overall goal of data stewardships is to produce a national geospatial data inventory of consistent, seamless, integrated data that is continuously improved. The full list of the 2008 NSDI-CAP projects is available



At the 2008 AAG Annual Meeting in Boston, USGS director Mark Myers spoke of the need for building a national spatial data infrastructure.

at www.fgdc.gov/grants/2008CAP/2008CAPDescriptions. ■

Symposium to be held on Geography, HIV/AIDS, and Drug Abuse

The Association of American Geographers (AAG) and the National Institute on Drug Abuse (NIDA) are jointly sponsoring a small symposium on "Geography, HIV/AIDS, and Drug Abuse." The focus of this symposium is the development of a monograph that highlights the global geography of risk – specifically, drug use/abuse and the risk for HIV/AIDS in a globalizing world. The symposium will be held on March 24, 2009, in conjunction with the AAG Annual Meeting in Las Vegas.

Geographers, sociologists, medical researchers, epidemiologists, anthropologists, public health scientists, and others with active research in the geographical dimensions of drug use/abuse and HIV/AIDS are encouraged to apply to participate in the symposium. Themes to be addressed include:

- Descriptive and spatial epidemiologic perspectives on the spatial context of HIV/AIDS worldwide
- Descriptive and spatial epidemiologic perspectives on the geography of drug use/abuse worldwide

- Geographic analysis linking globalization and changes in drug use patterns
- Geographic analysis linking other risk such as sexual behaviors and their interrelation with drug use/abuse
- Use of Geographic Information Systems in better understanding and responding to the drug abuse-HIV/AIDS nexus
- New methodological approaches to spatially linking national, regional, and local determinants of risk behavior related to HIV/AIDS and drug use/abuse
- The role of simulations in analyzing changing drug use patterns and the HIV/AIDS epidemic as a dynamic complex system
- Spatial diffusion modeling of addictive drug usage use and HIV/AIDS characteristics, including predictive modeling
- Interaction of other spatially dependent variables and drug use/abuse and HIV/AIDS in prevention and treatment strategies
- Case studies from countries or regions summarizing the role of drug use/abuse in the changing epidemiology of the HIV/AIDS epidemic

- Other geographic or medical research relevant to better understanding the drug abuse-HIV/AIDS dynamic

If you are interested in participating in this symposium, please submit a 250-word abstract and background information or CV no later than December 10, 2008, to Megan Overbey at moverbey@aag.org. Earlier submission is encouraged. There is no cost for the symposium, but participants must be registered for the AAG Annual Meeting. Some financial assistance is available for those with financial need.

A book or special journal issue publication of the symposium results, including selected research papers, is planned for publication in 2010. Symposium participants should be prepared to develop a full paper for publication if requested by the editors.

Symposium organizers are Yonette Thomas (NIDA), Mei-Po Kwan (Ohio State University) Sandro Galeo (University of Michigan), and Doug Richardson (AAG). For more information on the NIDA/AAG sponsored Geography, HIV/AIDS, and Drug Abuse Symposium, contact Douglas Richardson at drichardson@aag.org. ■

Washington Monitor

CR Signed Into Law; FY 2008 Funding Levels Frozen Until March 6, 2009

On September 30, 2008, President Bush signed into law a federal continuing funding resolution (CR) that freezes Fiscal Year 2008 appropriation levels until March 6, 2009. The passage of the CR means that Congress will not have to reconvene in a "lame-duck" session after the election to act on federal appropriations – but it may return nonetheless to consider various economic stimulus measures.

The lengthy term of the CR can be viewed as both a positive and negative for geographic research funding. On the one hand, the key science agencies, including the National Science Foundation (NSF), will not receive increased funding until Fiscal Year 2009 appropriations are enacted. This is a blow in that science policy community leaders were expecting NSF and the other research agencies to receive significant increases. But on the flip side, the delay does mean that Congress will be able to negotiate the FY 09 appropriations with the new administration – either Barack Obama or John McCain. This should give research

advocates in the House and the Senate some leverage to seek increased funding. We will keep you apprised as the situation develops.

House Bill Authorizes Energy Studies by High-Ranking Geographer

In late September, the House Administration Committee favorably reported a bill that would authorize the chamber's Chief Administrative Officer (CAO) to perform several key studies aimed at saving energy in House operations. The legislation is now before the full House – but may not be considered until the new 111th Congress convenes in January.

The bill (H.R. 6474) is significant to geography in that the current CAO is Daniel P. Beard – a PhD in geographer with an extensive background in managing environmental issues. As CAO, Beard was appointed directly by House Speaker Nancy Pelosi (D-CA) and oversees the Speaker's "Green the Capitol" environmental initiative. (For a full account of Beard's appointment as CAO, please see the Washington Monitor column in the July/August 2007 AAG Newsletter.)

Specifically, the legislation would "authorize the Chief Administrative Office of the House of Representatives to carry out a series of demonstration projects to promote the use of innovative technologies in reducing energy consumption and promoting energy efficiency and cost savings in the House of Representatives." The bill also calls on the CAO to issue a report on each completed demonstration project – including an "analysis of the extent to which the project" was successful. The legislation authorizes annual appropriations of up to \$5 million to carry out the projects.

The bill would have to be passed by both the House and Senate and signed into law by the President before Beard could begin work on the projects. While the 110th Congress may reconvene to consider economic stimulus actions, it is unlikely that H.R. 6474 will be acted on in a lame-duck session. If that is indeed the case, the legislation would have to be reintroduced next year. Rep. Zoe Lofgren (D-CA) is the bill's chief sponsor. ■

John Wertman
jwertman@aag.org

Geographic Centers

A new five-year, \$15 million grant from the National Science Foundation will support 10 new faculty and additional facilities and equipment at the University of Idaho, Boise State University, and Idaho State University in an effort to understand the current and future impact of climate change on the Snake and Salmon River watersheds. It is the largest grant ever awarded to the state of Idaho by the NSF. Von P. Walden, associate professor of geography at the University of Idaho, is co-PI for the project, which will focus on the effects of global warming on two different watersheds in the state. "It is critical that we understand how different scenarios of future climate change might impact both managed and natural water-

sheds here in Idaho. A big component of this project is to effectively communicate our scientific results to decision makers and water users, so that they can ensure adequate water for future generations of Idahoans," said Walden. The three universities will work closely with the Idaho Department of Water Resources on the project. More information on the project is available at www.uidaho.edu/epscor.

The Department of Geography at the University of Montana in Missoula is offering a new undergraduate minor in Mountain Studies. The curriculum for the minor is interdisciplinary in nature and draws on courses in physical and human geography, geosciences, biology,

forestry, and recreation management. The participating faculty members bring significant expertise in glacial processes, watershed hydrology, mountain hazards, alpine ecology, mountain-based livelihood systems, and wilderness politics and policy to this program. Field trips and field courses introduce students to the Rocky Mountains of Montana and Alberta, particularly the Crown of the Continent, and high mountain environments of South and Central Asia. Inquiries about the program should be addressed to one of the two co-advisors: Sarah J. Halvorson (sarah.halvorson@umontana.edu; 406-243-2793) or Ulrich Kamp (ulrich.kamp@umontana.edu; 406-243-6469). ■

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New Appointments

Brigham Young University, Visiting Assistant Professor, Shaunna Burbidge. PhD 2008, University of California, Santa Barbara.

Earth Institute at Columbia University, Postdoctoral Research Fellow, Sandra R. Baptista. PhD 2008, Rutgers University.

Gustavus Adolphus College, Assistant professor, Anna Versluis. PhD 2008, Clark University.

Middle Tennessee State University, Assistant Professor, Patricia Boda. PhD 2007, University of Minnesota.

New Mexico State University, Assistant Professor, Michaela Buenemann. PhD 2007, University of Oklahoma.

Ryerson University-Toronto, Associate Professor, Brian Ceh, PhD 1994, University of Western Ontario.

Ryerson University-Toronto, Assistant Professor, Sutama Ghosh, Ph.D. 2006, York University.

Texas State University-San Marcos, Assistant Professor, Laura J. Stroup. PhD 2008, University of South Carolina.

University of Miami, Assistant Professor, Juan Miguel Kanai. PhD 2007, UCLA.

University of North Carolina at Charlotte (UNCC), Assistant Professor, Eric Mathieu Delmelle. PhD 2005, SUNY Buffalo.

University of North Dakota, Assistant Professor, Jin-Kyu Jung. PhD 2007, State University of New York at Buffalo.

University of South Florida, Assistant Professor, Joni Downs, PhD 2008, Florida State University.

University of South Florida, Instructor, Hyun Kim, PhD 2008, Ohio State University.

University of Wisconsin, Milwaukee, Assistant Professor, Anne Bonds. PhD 2008, University of Washington.

University of Wisconsin, Milwaukee, Assistant Professor, Woonsup Choi. PhD 2005, University of Illinois, Urbana-Champaign.

University of Wisconsin-Stevens Point, Assistant Professor, Ismaila Odogba. ABD, University of Louisville.

Yale University, Associate Professor, Karen C. Seto. PhD 2000, Boston University.

York College, Assistant Professor, David Fyfe. PhD 2008, Pennsylvania State University.

The Greening of Las Vegas

Las Vegas is probably one of the last American cities that would conjure an image of wise resource use and sustainable living. First, there's the matter of a sprawling metropolis in the sensitive Mojave ecosystem. Second, the demands of a resort city put extraordinary strain on energy and water resources in a basin that receives about 4 inches of annual rainfall and regularly exceeds 100 degrees (F) in the summer. "Green development," it seems, has best been defined by the hue of the manicured fairways at the dozens of luxury golf resorts. Change is happening, though. These extreme conditions of both culture and climate have sparked an impressive movement towards green urban design and architecture.

Taking the "LEED"

In 2005, the Nevada State Legislature passed a bill offering deep tax breaks to developers that built "green." The legislature adopted the U.S. Green Building Council's Leadership in Energy and Environmental Design (LEED) code as the standard. Primarily aimed at commercial developers, the new law allowed up to a 50% reduction of property taxes on LEED certified development for 10 years, with possibilities of sales tax refunds on construction materials. Casino/Resort developers were among the first to realize that this law opened the door for millions of dollars of savings in short-term taxes and long-term energy costs. MGM's massive CityCenter complex and Las Vegas Sands Corp.'s Palazzo were two of the more notable new Strip developments designed to LEED code after this law took effect.

In 2007, the Legislature amended the law once it became apparent that the surge of LEED development exceeded expectations. New developments can still receive 10-year abatements on property tax, but it is capped at 35% for LEED platinum certification. This figure is still relatively radical, and more

than offsets the approximate 5-10% budget increase for building to LEED standards.

In 2008, it was announced that the Union Park development, a 61-acre public-private infill development in Downtown Las Vegas, would be a pilot study for the LEED-Neighborhood Development rating system. LEED-ND is heavily influenced by New Urbanist ideals like compactness, mixed land uses, and accessibility to transit. Union Park, a legacy of the vision of Las Vegas Mayor Oscar Goodman, is being hailed as the spark that will ignite a renaissance of sustainable downtown redevelopment.



Roof eaves at the Springs Preserve's Desert Living Center restrict summer sunlight from hitting south-facing walls, but allow the benefits of light and heat in the winter, when the angle of the sun is lower. The ornamental arrows depict the angle of sun at summer and winter solstice.

of The Strip, combines a preservation/museum project with a showcase of desert-specific green building design. Its Desert Living Center is a campus of 5 buildings and an outdoor garden/classroom that is certified LEED platinum. Each building highlights an array of innovative use in building materials (like straw bale walls), energy use (passive evaporative cooling instead of air conditioning), or finishing touches (bamboo floors, salvaged timber beams). The jewel of the center is the "Sustainability Gallery," a mock-up of an average Las Vegas house outfitted with the latest sustainable products and systems. Other on-site facilities include a branch of the Clark County library specializing in green building literature, a "dialogue center" that serves as a meeting place for do-it-yourself green builders, and an organic vegetable garden that doubles as a source of food for the cafeteria and an outdoor cooking classroom.

Conclusion

Despite an image steeped in wasteful excess, Las Vegas is emerging as one of the country's leading cities for green development. Las Vegas has never shied away from building tear-downs or remodels. With generous tax incentives, local political enthusiasm, and even a resource center for homeowners and residential developers, future new and re-development promises to redefine "green." ■

Derek Eysenbach
dereke@email.arizona.edu
University of Arizona

An Eye Towards the Future

The innovations of The Strip properties or Union Park are either hidden, in development, or hard to translate from the commercial/institutional venue to a residential development. The Springs Preserve, a 180-acre cultural resource center just off

NOTE: A field trip to the Springs Preserve for a tour of their state-of-the-art campus will be offered during the 2009 Annual Meeting. Watch for details on the AAG website and in the AAG Newsletter.

Disability Specialty Group

Students working on topics concerned with the complex and multifaceted geographies of disability and chronic illness are encouraged to submit a paper to the 2009 AAG Disability Specialty Group Student Paper Competition. The award is named after Todd Reynolds, PhD (1971 - 2008), a scholar with disabilities who pursued important research in human behavior and hazards geography. The goal of the award is to encourage student participation in the specialty group and to recognize outstanding emerging scholarship in geographic research on chronic illness and disability. The successful student will receive a cash prize of \$100 and a year's membership to the DSG. Students do not have to be a current member of the DSG or AAG nor must they plan to attend the 2008 or 2009 AAG conference to submit a paper. International submissions are welcome.

Eligibility criteria: Papers prepared for publication, conference presentation, and graduate or senior undergraduate courses, as well as entries written specifically for this competition, are eligible for submission. Each student may submit only one paper. The student should be the lead contributor to the paper if it is co-authored. The paper should not exceed 25 double-spaced pages (including all notes, references, and figures). 12 point font is preferred along with standard margins.

A cover letter should accompany all entries and contain: current title of the paper and a brief abstract of no more than 100 words; names of the author and co-authors; academic affiliation; faculty advisor for the paper; mailing address; e-mail address; phone number. All entries must be received by **February 28, 2009**. A copy of the paper should be emailed to: Maurizio Antoninetti, School of Public Affairs, San Diego State University, mantonin@mail.sdsu.edu.

Students considering submitting are advised to contact Maurizio by e-mail in advance. He will also gladly address any questions or concerns regarding participation in this competition. The award

recipient will be notified shortly after the 2009 AAG meeting in Las Vegas. The check will be mailed to him/her shortly thereafter. Post-conference announcements will be found on the DSG website and the GEOGABLE listserv, as well as other appropriate venues.

Geomorphology SG

The Geomorphology Specialty Group presents three awards at the AAG annual meeting each year: the Reds Wolman Graduate Student Research Award (two awards, masters level and doctoral, presented for outstanding thesis/dissertation proposals); the G. K. Gilbert Award for Excellence in Geomorphic Research (presented to the author(s) of a significant contribution to the published research literature in geomorphology during the past three years); the Melvin G. Marcus Distinguished Career Award (presented to an individual who has made significant contributions to geomorphology over his/her career).

The Geomorphology SG invites proposal submissions for the Wolman Award, and the submission of nominations plus supporting materials for the Gilbert and Marcus Awards. Visit the Geomorphology Specialty Group website at www.aag-gsg.org for details regarding these awards and submission guidelines. Please contact Dan Royall (e-mail: droyall@uncg.edu) with any questions regarding nominations and proposals. Deadline for submission of relevant materials is **January 1, 2009**.

Historical Geography SG

The Historical Geography Specialty Group (HGSG) of the AAG will sponsor two student award competitions in 2008-2009: the Ralph Brown Award for papers written by Master's students; and the Andrew Hill Clark Award for papers written at the PhD level. Eligibility for the awards is open to any graduate student who has or will present a paper at any professional conference beginning the day after the 2008 AAG Annual Meeting and ending the last day of the 2009 Annual Meeting.

Students wishing to participate should send copies of a conference-length paper of no more than 11 double-spaced pages plus notes, figures, etc. to each person listed below. Papers should be sent by e-mail in doc or rtf format. All questions should be directed to the Paper Awards Committee Chair. Each award carries with it a \$100 first prize. Second prizes of lesser amounts may be awarded at the discretion of the competition judges. Please note: If the paper you wish to enter for the Ralph Brown award is based upon research conducted while you were a Master's student, you are eligible to enter this competition even if you are now a PhD student. In evaluating the papers, preference will be given to those based on primary sources of information rather than literature reviews.

Regardless of which competition you enter, please indicate in your e-mail to which one you are applying. The deadline for receiving materials is **March 1, 2009**. The committee members are: Matthew Farish (chair), University of Toronto, farish@geog.utoronto.ca; Jamie Winders, Syracuse University, jwinders@maxwell.syr.edu; and Lawrence Berg, University of British Columbia, lawrence.berg@ubc.ca.

Paleoenvironmental Change SG

The Paleoenvironmental Change Specialty Group (PEC) has now been formed. The purpose of the group is to carry out the mission of the AAG with a specific emphasis on improving our understanding of Pleistocene and Holocene environmental change; to facilitate better communication among practitioners of the study of past landscapes, climates, ecologies, cultures, and their interrelationships; and to foster a greater spirit of collaboration among those geographers working on topics related to long-term (decadal to millennial-scale) environmental change, both natural and anthropogenic. The group's first Board was elected in Boston: Michelle Goman (Chair: Cornell University), Martin Arford (Secretary Treasurer: Saginaw Valley State University), Rob Dull (continuing Past Chair: University of Texas), Don Sullivan (University of Denver), Glen MacDon-

ald (UCLA), Catherine Yansa (Michigan State University), Trevor Porter (Student rep: Carleton University) and Zack Taylor (Student rep: University of Tennessee).

The Paleoenvironmental Change SG's first student presentation competition will take place in Las Vegas. Students must be members of PEC. For information about the competition please contact Catherine Yansa (yansa@msu.edu) or Don Sullivan (dsullivan@du.edu). Deadline for submissions is **March 1, 2009**. For more information visit www.aagpaleo.org.

Political Geography SG

The PGSG Dissertation Enhancement Award is granted annually to a PGSG student member. The Award includes an \$800 prize. Final acceptance date for submissions is Monday, **February 2, 2009**. Interested students should prepare a mini-dissertation proposal for submission to the Dissertation Awards Committee. Guidelines for the DEA are as follows: 1) The competition is open to all PhD students who are members of the PGSG; 2) the DEA proposal should be 8-10 pages in length total (single or double spaced) and include sections covering the research question(s), theoretical issues, conceptual framework, methodology, relevance to political geography, and a budget describing how the \$800 would be used; 3) if a student has already incurred expenses listed in the budget by the time of the award announcement, the student may use the DEA to cover those expenses; 4) the DEA proposal should be crafted from the student's dissertation proposal which has been or will be submitted to the PhD committee within the 2008-2009 academic year; 5) to enable full consideration of all submissions, entrants should send copies of their DEA proposals to each member of the Dissertation Enhancement Awards Committee listed below (electronic sub-

missions are welcome); 6) the results of the DEA competition will be announced to the winner on Monday, February 23, 2009, prior to the AAG Annual Meeting in Las Vegas, and the winner will be invited to attend the annual AAG Awards Luncheon at the expense of the PGSG; 7) questions concerning the competition may be directed to the members of the Dissertation Enhancement Awards Committee.

Dissertation Enhancement Award Committee: Robert H. Watrel, Department of Geography, South Dakota State University, 246 Scobey Hall, Box 504, Brookings, SD 57007; robert.watrel@sdstate.edu; Robert M. Kerr, Department of History and Geography, University of Central Oklahoma, 100 N. University Dr., Edmond, OK 73034; rkerr2@ucok.edu; Gabriel Popescu, Department of Political Science, Indiana University South Bend, P.O. Box 7111, South Bend, IN 466634; gpopescu@iusb.edu.

Water Resources SG

The Water Resources Specialty Group (WRSG) of the AAG invites student applications for the Student Paper, Illustrated Paper, Research Grant Proposals, and Student Travel Grant Awards at the AAG Annual Meeting in Las Vegas, March 2009. The award winners will be announced during the Business Meeting of the WRSG at the Annual AAG Meeting. The deadline for the student paper, research proposal grant, and travel grant awards is **February 6, 2009** and for the student illustrated paper October 16, 2008. Each student applicant must be a current member of the WRSG and submit an application that focuses on a water or water resources theme that is clearly related to the discipline of Geography.

A letter of endorsement must accompany the submitted application. A faculty

member who is a current AAG member and has read the application and supports its submission for competition, must write this letter. The endorsement letter must clearly state that the individual submitting the application is indeed a student, must confirm the level of submission (Undergraduate, Masters, PhD). Three (3) hard copies of the application or one (1) complete electronic copy of the application must be submitted on disc or via email to: Dr. Charles E. Button, WRSG Awards Chair. Mailing address: Department of Geography, Central Connecticut State University, P.O. Box 4010, New Britain, CT 06050-4010; E-mail: buttonche@mail.ccsu.edu. As the requirements for each award are different, the applicants are strongly encouraged to go through the detailed application guidelines at the WRSG website: www.esu.edu/~shu/wrsg/Awards/Calls4Students2009.html.

In addition, the WRSG also seeks nominations for the Distinguished Career Award in Water Resources to honor senior scholars for sustained and effective research contributions in water resources science, planning, and policy. This honor is to be bestowed no more than once each year based on a protracted record of published research and other accomplishments. Nominations are due **February 6, 2009** and will be judged by the WRSG Awards Committee consisting of three Water Resources Specialty Group members. The award will be made at the annual WRSG business meeting or an appropriate special session at the national AAG meeting. Please visit WRSG website at www.esu.edu/~shu/wrsg/Awards/DistinguishedCareer2009.html for more information. Please contact Charles E. Button by email at buttonche@mail.ccsu.edu with any questions about the awards and nominations. ■

ADVERTISE IN THE AAG NEWSLETTER

The AAG Council has authorized the acceptance of advertisements for publication in the AAG Newsletter. All ads must meet AAG ethical standards and relate to the discipline or profession of geography. For more information on advertising in the Newsletter, please visit www.aag.org/ads.

On July 1, 2008, **Timothy R. Oke** was awarded the Order of Canada for his contributions to meteorology and urban climatology, as well as for his mentoring of generations of geographers. The Order of Canada is the highest civilian honor bestowed by Canada. Oke is professor emeritus of geography at the University of British Columbia and a Fellow of the Royal Society of Canada.



Oke

Alberto Giordano (Texas State University-San Marcos) and **Anne Kelly Knowles** (Middlebury College) have received a two-year grant of \$429,236 from the National Science Foundation for a project titled, "Holocaust Historical GIS." The project will involve groundbreaking application of GIScience models and methods to carry out four case studies that examine geographic aspects of the Holocaust from the continental to the local scale. This collaborative research effort includes colleagues from the U.S. Holocaust Memorial Museum in Washington, DC, which is providing much of the data for the project, as well as from six other universities in the United States, the United Kingdom, and New Zealand.

Scott Mensing, Franco Biondi, and Scott Bassett in Geography at the University of Nevada, Reno are part of a team of researchers who have received a five-year, \$15

million grant from the National Science Foundation Experimental Program to Stimulate Competitive Research (EPSCoR) awarded to the Nevada System of Higher Education for the purpose of studying climate change in Nevada and developing infrastructure to support climate change science, education and outreach. The project has six main components: climate modeling; ecological change; water resources; cyberinfrastructure; education; and policy, decision-making and outreach and will focus on measuring and modeling the effects of regional climate change on the Nevada's landscape, ecosystems and water resources and communicating this research to policymakers and the public.

Molly E. Brown, Senior Research Scientist at NASA's Goddard Space Flight Center, has received the Robert H. Goddard Award for Exceptional Achievement in Science for "outstanding scientific research, modeling and outreach leading to important findings regarding food security and climate."

Michael Libbee at Central Michigan University has received a \$197,500 grant



Mensing



Brown

from the National Geographic Education Foundation to continue the project, "The Geography and History Project: Developing a National Curriculum Resource." The Project is administered by the Michigan Geographic Alliance in conjunction with the Grosvenor Center for Geographic Education, the Center for Geographic Learning at Hunter College in New York, and the Croft Center for International Studies at the University of Mississippi. The Michigan Geographic Alliance is coordinated by Michael Libbee and Joseph Stoltman of Western Michigan University. The NGEF Geography and History grant brings the total amount of support generated by the Michigan Geographic Alliance to more than \$5.5 million.

Steven M. Manson, associate professor of geography at the University of Minnesota, has been awarded a \$2,924,729 grant from the National Institutes of Health for research entitled



Manson

"Integrated Samples of Latin American Censuses, 1960-2003." He joins **Robert McCaa, Deborah Levison, Steve Ruggles, and Matt Sobek** on the grant. The five-year project will create spatiotemporally continuous census data from about 100 Latin American and Caribbean censuses. The project will develop new approaches to harmonize spatial, temporal, and attribute information. ■

Annals of the AAG – Call for Abstracts

The *Annals of the Association of American Geographers* invites abstracts of papers to be considered for a special issue on Climate Change. This will be the second of a series of annual special fifth issues that highlight the work of geographers around a significant global theme. Papers are sought from a broad spectrum of scholars who address environmental, human, social, political, and methodological issues focused on the geographical dimensions of climate change, including original research in areas such as the climate record, the human and environmental impacts of climate change, the role of GISciences and modeling in understanding climate change and sustainability, and other relevant areas. Abstracts of no more than 250 words should be submitted by 15 December 2008 to rmaier@aag.org. Final papers of 5,000 words will be due (via Manuscript Central) by 15 May 2009 for publication in 2010. All submitted papers will be subject to full peer review.

Geography Provides the Fundament

To be useful and valued are qualities desired both by individuals and organizations. Thus, when departments in universities experience downturn in student interest and decrease in the number of majors, they attempt to bolster their falling fortunes by incorporation of elements of successful adjacent, compatible disciplines or by allying with them. Geography at California Polytechnic State University (Cal Poly) in San Luis Obispo, although not a separate department, has over the past decade been one of the disciplines sought by outside departments under stress.

Agricultural degree programs at Cal Poly have for more than a century been one of the chief

academic components of the university; currently they enroll about 20% of the approximate 19,000 students at the university and they are second only to the College of Engineering. As has occurred elsewhere in the country, some agricultural programs at Cal Poly have not fared well in numbers of majors in recent years. One response to this downturn has been an attempt by the college itself to refurbish its image; in 2006 the College of Agriculture changed its name to the College of Agriculture, Food, and Environmental Sciences. Between 2000

and 2006, ten College programs lost more than 10% of their majors, three programs retained approximately steady numbers, and five programs increased more than 10% in numbers of majors.

The Soil Science Department is one such unit that has experienced significant loss of majors; in the year 2000 it had 106 undergraduate majors, but by the year 2006 the number of majors dropped to 36. That department solicited two of Cal Poly's geographers, William L. Preston and Cal Wilvert, to aid in the creation of a new degree program combining geography and

	2000	2001	2002	2003	2004	2005	2006	2007	2008
Earth Sciences	7	37	62	77	78	81	82	90	83
Soil Science	106	85	68	54	45	40	36	47	44

soil science; one of them (WLP) had team-taught courses with soil science faculty. After a couple of years formulating the new program and moving it through university administrative levels and ultimately through the California State University System level (Long Beach), the degree program in Earth Sciences commenced in the year 2000. While the number of majors enrolled in Soil Science continued to drop, those of the Earth Sciences program rose dramatically.

The Earth Sciences major requires 60 units of upper division, quarter system course work. Within the major the student has two options to engage geography: Environmental Interpretation and Assessment Concentration or Geosciences Teaching Concentration. In the former concentration the student takes 6 geography courses and 10 soil science courses and in the latter concentration the student takes 6 courses in geography and 8 courses in soil science. The geography courses fittingly focus on the human-environmental and physical aspects of our discipline, but they also include cultural and regional courses. The student rounds out either concentration with related science courses in botany (2), math (2), geology (3 to 5), astronomy (1 or 2), plus single courses in archaeology, agriculture, chemistry, physics, engineering, statistics, oceanography, biology, and forestry/natural resources.

Geography in this setting has revived a sister department now named Earth and Soil Sciences, and at the same time it provides a fundament that deepens understanding of the natural environment and that links the role of humans in use of soil resources. ■

William L. Preston and Donald E. Vermeer
California Polytechnic State University
wpreston@calpoly.edu and
dmeer@sbcglobal.net

AAG Welcomes Laura Miller

The AAG welcomes Laura Miller to the position of administrative specialist at AAG Headquarters in Washington, DC, where she is assisting in the accounting department, with membership, and on AAG geography projects.

Laura is a recent graduate from the University of Maryland, where she received her BS in Geography with a



Miller

focus in Wildlife Conservation and Natural Resource Management. She has worked for the last five years in the greenhouse of a garden center and nursery, caring for tropical plants and orchids while pursuing her degree.

Laura has also served as a volunteer zoo keeper at the National Zoo, tending to the monkeys, birds, reptiles, and

stingrays in the Amazonia exhibit. After high school, she volunteered at the National Therapeutic Horseback Riding Center for the mentally and physically disabled.

A true geographer, Laura loves to travel and has been on a two-week adventure to South Africa, a three-week tour of ten cities in Spain, and a ten-day sailing trip in the British Virgin Islands. In her spare time she enjoys playing soccer, horseback riding, gardening, and playing the piano. ■

2009 National Geography Bee

Deadline for principals to register their schools for the 2009 National Geography Bee is December 12, 2008. Schools with students in grades four through eight are eligible. The contest is designed to encourage teachers to include geography in their classrooms, spark student interest in geography, and increase public awareness about geographic issues. Sponsored by the National Geographic Society, the National Geography Bee will be held May 19-20, 2009, in Washington, DC. See www.nationalgeographic.com/geographybee for additional information.

The Professional Geographer

The Professional Geographer will feature a number of issues with special themes over the next few years. Topics of forthcoming issues will include demography and aging, racialized poverty in America, critical quantitative geographies, and the analysis of narratives in geographic information systems. Several other issues are under consideration. Sharmistha Bagchi-Sen will remain as editor for two additional years of service. More information on *The Professional Geographer*, including submission guidelines, is available at www.aag.org/publications.

Geographical Analysis

On July 1, 2008, Daniel A. Griffith, Ashbel Smith Professor of Geospatial Information Sciences at the University of Texas at Dallas, became the ninth editor of *Geographical Analysis: An International Journal of Theoretical Geography*, which is entering its 40th year of publication. With his editorship, the on-line version of the journal will begin to include abstracts published in Chinese and Spanish, as well as in English. Griffith is initiating special issues of the journal that will celebrate Cliff and Ord's 1969 seminal

paper about spatial autocorrelation, Alan Wilson's 1970 book about spatial interaction modeling, and graphic theory and the new network science, which is scheduled to include a previously unpublished, posthumous manuscript by the late Frank Harary. Yongwan Chun is the journal's new editorial assistant. Robert Haining, Stewart Fotheringham, and Mei-Po Kwan are its Associate Editors. Its abstracts will be translated by Linwang Yuan into Chinese, and by Marco Millones into Spanish. Submissions are invited to be sent to Geographical_Analysis@utdallas.edu.

Gamma Theta Upsilon

Gamma Theta Upsilon, the International Geography Honor Society, has moved its headquarters to the Department of Geography at the University of Arizona. James Lowry is now the Executive Secretary. GTU is seeking your help in updating its chapter database. If you are a faculty sponsor of a chapter, please take a few minutes to email James Lowry at jlowry@uno.edu to make sure GTU has the correct listing, as some chapters change faculty sponsors yearly. If your department or program does not have an active chapter but would like to, visit www.gammathetaupsilon.org, select the "membership" menu, and select "initiate report and address form." Initiate your eligible students, send the appropriate forms and payment to James Lowry, and your chapter will be reactivated. Also contact Lowry to begin a new chapter.

NSF-IGERT Traineeships

The University of Wisconsin-Madison is currently seeking exceptional students interested in interdisciplinary and international environmental studies to apply for an NSF-IGERT PhD Traineeship. The

Program is supported by the National Science Foundation. These traineeships include a generous stipend, tuition waiver, and health benefits. IGERT trainees will address major challenges of biodiversity conservation and sustainable development by pursuing a PhD in one of over a dozen departments and participating in IGERT seminars, workshops, language training, and field research in the Himalayas of Yunnan, China, a "biodiversity hotspot." For more information and application instructions, please visit www.swchina.wisc.edu. The application deadline for this program is **January 2, 2009**. For more information, please visit www.sage.wisc.edu/igert.

Geographic Research in Rwanda

Robert (Bob) Ford, formerly at USAID and Loma Linda University, will return to Rwanda, Africa, this fall to become Research Professor at the Geographic Information Systems and Remote Sensing Research and Training Centre (CGIS) at the National University of Rwanda (NUR). He will also assist the new Master's (GIS and the Environment) within the Geography Department, and focus on outreach for the new Centre for Environment, Entrepreneurship, and Sustainable Development (CEESD) as well as the graduate programs of the CGIS-NUR.

AAG colleagues are invited to explore opportunities for research, study abroad, or community development internships, and service in Rwanda and the Great Lakes region of Central Africa with CGIS. Formal partnerships already exist with the University of Redlands, Loma Linda University, ESRI, the Dian Fossey Gorilla Fund International, EarthWatch Institute, USAID and other NGO and donor agencies. Learn more at www.cgisnur.org. Contact Bob Ford at geobobford@gmail.com or at <http://rford.home.igc.org>. ■

AAG Conference Assistants Needed

Earn \$8.00 per hour and a 50% rebate on your conference registration fee when you work for a minimum of eight hours at the 2009 AAG Annual Meeting. Approximately 150 assistants are needed. There is a limit of 12 hours per assistant. To participate: 1) Register for the meeting and pay the full conference rate in advance, and 2) complete and submit the Conference Assistant Form, available for download at www.aag.org/annualmeetings/2009. You will receive your rebate and pay for hours worked once your time has been verified following the Annual Meeting. All checks will be payable in U.S. dollars and will be mailed within 4-6 weeks following the Annual Meeting.

Pruitt Minority Fellowships 2009-2010

The Society of Woman Geographers (SWG) has announced two national fellowships for 2009-2010. Both are for women in geography and geographical aspects of allied fields and are funded by SWG's Evelyn L. Pruitt Fund.

The SWG National Fellowship Committee invites applications from woman PhD candidates for the annual Pruitt National Fellowship for Dissertation Research Competition. SWG expects to make two or three awards of \$8,000 to \$15,000 for 2009-2010. Applications are due by **February 1, 2009** and awards will be announced April 15, 2009.

The SWG also invites applications for the Pruitt National Minority Fellowship Program. Women who are members of a minority group and who have been admitted to and plan to enroll or are enrolled in a Masters program in geography or geographical aspects of an allied field are strongly encouraged to apply. It is expected that one or two awards

of \$1,000 to \$5,000 will be made for 2009-2010. The application deadline is **May 15, 2009**. The award will be announced by July 1, 2009.

Request application guidelines for either the dissertation or minority program from Dr. Ruth I. Shirey, Chair of the SWG National Fellowship Committee (rshirey@auxmail.iup.edu). The SWG website is available at www.iswg.org.

Gender, Place and Culture

The journal *Gender, Place and Culture* has introduced an annual award valued at \$1,000 for new and emerging scholars. Priority for this award will be given to current graduate students or faculty members within three years of receiving their PhD who work in departments where little or no money is available for conference participation and who have no recourse to grants from funding agencies such as the Economic and Social Research Council in the U.K. and the National Science Foundation in the U.S. or equivalent. This award is intended to be used for

attendance at an international conference of your choice, at which the awardee will present a paper on a topic relating to feminist geography. The successful applicant is expected to use the award within one year of its receipt.

Applicants are asked to submit the following: an abstract of the conference paper (250 word max); a brief CV; a paragraph outlining how the applicant's research contributes to feminist geography; a proposed budget (for accommodation, travel, conference fees, per diem, etc); conference information including, if possible, confirmation of acceptance of your paper; and a cover letter including your contact details (mailing address, email, and telephone number).

Applications should be sent to Brenda Yeoh at geoysa@nus.edu.sg by **January 31, 2009**. A decision on the award will be made within 4-6 weeks of this deadline. The successful applicant is expected to submit receipts as well as a one page report within one month of attending the conference. ■

Necrology

Calvin Beale

Calvin Lunsford Beale, senior demographer at the Department of Agriculture's Economic Research Service, died on September 2, 2008 at the age of 85. A life-long resident of Washington, DC, Beale earned an undergraduate degree at Wilson Teacher's College in 1945. He studied geography under O.E. Baker at the University of Maryland and received an M.S. in Sociology at the University of Wisconsin-Madison. His 62-year career in the federal government began at the Veteran's Administration in 1942 and included jobs in the Office of Strategic Services and the Census Bureau. Beale came to USDA in 1953 and, at the time of his death, had the Department's longest record of full-time federal service.

Beale conducted ground-breaking research on the U.S. farm population, tracing and explaining its rapid decline over several decades. His comprehensive reporting on black farmers chronicled the circumstances underlying the massive rural exodus of the

1950s and 1960s. He was the first to uncover the 1970s' nonmetropolitan turnaround, when for the first time more people were leaving metropolitan areas than were moving in. More recently, he drew national media attention by documenting the disproportionate placement of prisons in nonmetropolitan counties.

Beale collaborated with Donald Bogue on *Economic Areas of the United States*, based on their county-level delineation of State Economic Areas. Released in 1961, it remains the most comprehensive socioeconomic portrait of the U.S. to appear in a single volume.

Beale combined a legendary command of statistical data with firsthand knowledge from 50 years of travel that took him to over 2,400 U.S. counties. Conversations with USDA extension agents and other local officials allowed him to spot emerging trends and issues relevant to rural policymakers

back in Washington. A love of American architecture led to a collection of over 2,000 county courthouse pictures. Several of his best photos are published as magazine covers and featured at the very popular County Courthouse web site: www.ers.usda.gov/briefing/population/photos.

In 1990, the RAND Corporation published *A Taste of the Country: A Collection of Calvin Beale's Writings*. Edited by Peter Morrison and reissued in 2002 by Penn State University Press, it includes notes from his field visits and a selection of previously unpublished papers. Beale received the USDA Distinguished Service Award in 1968 and the Secretary's Award for Superior Service in 2003. He was made an honorary fellow of the Population Reference Bureau. In 2005, Beale received the Lifetime Achievement Award from the Melungeon Heritage Association for his pioneering research on mixed-ancestry groups. ■



Beale

Adams, W. M. *Green Development: Environment and Sustainability in a Developing World*, Third Edition. London: Routledge, 2008. 449 pp., ISBN 978-0-415-39508-3.

Barry, Roger G. *Mountain Weather and Climate*. New York: Cambridge University Press, 3rd revised ed., 2008. 506 and 24 pp., \$80.00, ISBN 978-0-521-68158-2.

Benson, Virginia O. & Klei, Richard. *Historic Preservation for Professionals*. Kent, OH: Kent State University Press, 2008. 242 and 10 pp., \$35.00, ISBN 978-0-87338-927-3.

Connelly, Matthew. *Fatal Misconception: The Struggle to Control World Population*. Cambridge, MA: Belknap/Harvard University Press, 2008. 521 and 14 pp., \$35.00, ISBN 978-0-674-02423-6.

Cova, T., Miller, H., Beard, K., Frank, A., Goodchild, M., eds. *Geographic Information Science: 5th International Conference, GIScience 2008, Proceedings*. Berlin: Springer, 2008. 396 pp. ISBN: 978-3-540-87472-0.

Darden, Joe, Stokes, Curtis, & Thomas, Richard, eds. *The State of Black Michigan 1967-2007*. East Lansing: Michigan State University Press, 2007. 364 pp. ISBN: 978-087013827-0.

Gersmehl, Phil. *Teaching Geography*. New York: Guilford, 2nd revised ed., 2008. 319 and 16 pp., \$45.00, ISBN 978-1-59385-715-8.

Hart, John F. and Ziegler, Susy S. with Lindberg, M. *Landscapes of Minnesota: a Geography*. St. Paul: Minnesota Historical Society Press, 2008. 316 pp., \$24.95. ISBN: 978-0-87351-591-7.

Haslett, Simon K. *Coastal Systems*. London: Routledge, 2008. 216 pp., ISBN 978-0-415-44060-8.

Hebb, Tessa. *No Small Change: Pension Funds and Corporate Engagement*. Ithaca, NY: Cornell University Press, 2008. 152 and 10 pp., \$27.95, ISBN 978-0-8014-4696-2.

Henke, Christopher R. *Cultivating Science, Harvesting Power: Science and Industrial Agriculture in California*. Cambridge, MA: MIT Press, 2008. 229 and 11 pp., \$32.00, ISBN 978-0-262-08373-7.

Jeffrey, Craig & Dyson, Jane, eds. *Telling Young Lives: Portraits of Global Youth*. Philadelphia: Temple University Press, 2008. 220 and 14 pp., \$23.95, ISBN 978-1-59213-931-6.

Knoben, J. *Firm Mobility and Organizational Networks: Innovation, Embeddedness and Economic Geography*. Cheltenham, UK: Edward Elgar, 2008. 167 pp., \$85.00, ISBN 978-1-84720-245-1.

Konings, R., Priemus, H., and Nijkamp, P. (eds) *The Future of Intermodal Freight Transport: Operations, Design and Policy*. Cheltenham, UK: Edward Elgar, 2008. 343 pp. \$140.00, ISBN 978-1-848542-238-7.

Lanegran, David A. *Minnesota on the Map: a Historical Atlas*. St. Paul: Minnesota Historical Society Press, 2008. 216 pp., \$34.95. ISBN:978-0-87351-593-1.

Layzer, Judith A. *Natural Experiments: Ecosystem-Based Management and the Environment*. Cambridge, MA: MIT Press, 2008. 365 and 14 pp., \$18.95, ISBN 978-0-262-62214-1.

Millstone, Eric & Lang, Tim. *The Atlas of Food: Who Eats What, Where, and Why*. Berkeley: University of California Press. 128 pp. ISBN: 978-0-520-25409-1.

Nevins, Joseph. *Dying to Live: A Story of U.S. Immigration in an Age of Global Apartheid*. San Francisco: City lights, 2008. 255 pp., \$16.95, ISBN 978-0-87286-486-3.

Newig, Jens et al., eds. *Governance for Sustainable Development: Coping with Ambivalence, Uncertainty and Distributed Power*. London and New York: Routledge, 2008. 188 and 14 pp., n.p., ISBN 978-0-415-45192-5.

Pope, C., White, R. T., and Malow, R. *HIV/AIDS: Global Frontiers in Prevention/Intervention*. London: Routledge, 575 pp., ISBN 978-0-415-95383-2.

Ranganathan, J., Munasinghe, M. and Irwin, F. (eds) 388 pp., *Policies for Sustainable Governance of Global Ecosystem Services*. Cheltenham, UK: Edward Elgar, 2008. \$170.00, ISBN 978-1-84720-244-4.

Thrower, Norman J.W. *Maps and Civilization: Cartography in Culture and Society*. Chicago: University of Chicago Press, 3rd revised ed., 2008. 352 and 13 pp., \$25.00, ISBN 978-0-226-79974-2.

Tyner, James A. *The Philippines: Mobilities, Identities, Globalization*. London and New York: Routledge, 2008. 229 and 17 pp., n.p., ISBN 978-0-415-95807-3.

Williams, Allan M. and Balaz, Vladimir. *International Migration and Knowledge*. London: Routledge, 2008. 226 pp., \$150.00, ISBN 978-0-415-43492-8.

Register for the 2009 AAG Annual Meeting at www.aag.org/annualmeeting.

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Award Deadlines

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NOVEMBER

11. Enhancing Diversity in the Geosciences, Letter of Intent. Full application due December 11. www.grants.gov.

15. Canada-U.S. Fulbright Program grants for Canadian scholars. www.fulbright.ca.

DECEMBER

1. AAG Anderson Medal. <http://agsg.binghamton.edu>.

31. AAG Anne U. White Fund. www.aag.org/grantsawards/Anne.whitefund.html.

31. AAG Darrel Hess Community College Geography Scholarships. www.aag.org/grantsawards.

31. AAG Dissertation Research Grants. www.aag.org/grantsawards/dissertationresearch.html.

31. AAG Research Grants. www.aag.org/grantsawards/generalresearch.html.

31. AAG E. Willard and Ruby S. Miller Award. www.aag.org/grantsawards.

31. AAG International Geographic Information Fund. Student Travel Grant, Student Paper Award, and Graduate Research Award. www.aag.org/grantsawards.

31. AAG Mel Marcus Fund. www.aag.org/grantsawards/marcus.cfm

31. AAG Meredith F. Burrill Award. www.aag.org/grantsawards.

31. AAG Hoffman Award. www.aag.org/grantsawards.

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

31. AAG Glenda Laws Award. www.aag.org/grantsawards.

31. AAG Meridian Book Award. www.aag.org/grantsawards.

31. AAG Globe Book Award. www.aag.org/grantsawards.

JANUARY

16. 36th Annual CaGIS Map Design Competition. www.cartogis.org.

FEBRUARY

1. Society of Women Geographers Pruitt National Dissertation Fellowships. www.iswg.org. Contact Ruth Shirey for details at rishirey@auxmail.iup.edu.

MAY

15. Society of Woman Geographers Pruitt National Minority Fellowships. www.iswg.org. Contact Ruth Shirey for details at rishirey@auxmail.iup.edu.

AAG Grants and Competitions

The AAG offers numerous grants and awards. Visit www.aag.org/grantsawards for a full listing, including detailed descriptions, deadlines, and application procedures.

NSF Grants and Competitions

Detailed information about NSF grants and awards is available at www.nsf.gov.

Jobs in Geography

UNITED STATES

*ALABAMA, TUSCALOOSA.

The University of Alabama. Department of Geography invites applications for a nine-month, tenure-track faculty position at the rank of **Assistant Professor in Physical Geography** beginning August, 16, 2009. PhD in Geography is required. Preference will be given to those whose areas of expertise complement the department's existing strengths in geomorphology, climatology, and biogeography, and with a strong background in GIS and remote sensing. Candidates should be able to apply physical geography to environmental issues and the department's broader focus on human-environment relationships. This includes human impact on the environment, landuse/land cover change, land degradation, and sustainability. The ability to teach undergraduate and graduate physical geography courses in their area of specialization and supervise graduate student research is required. Applicants must provide evidence of a high quality, independent research capability and be committed to securing external funding.

Apply: go to <http://facultyjobs.ua.edu> and complete the online application. Attach a letter of application and curriculum vitae. Send three letters of recommendation directly to David Shankman, Search Committee Chair, Department of Geography, University of Alabama, Tuscaloosa, AL, 35487.

For information about the Department visit our website at <http://geography.ua.edu>. Review of applications will begin January 2, 2009, and will continue until the position is filled.

The University of Alabama is an Equal Opportunity/Affirmative Action employer, and actively seeks diversity among its employees.

NOV 08-274

*ALASKA, ANCHORAGE.

Assistant Professor (Tenure-track) in the resilience, adaptation, and modeling of **human-environment systems**.

The Department of Geography and Environmental Studies at the University of Alaska Anchorage invites applications for a tenure track faculty position in the resilience and adaptation of human-environment systems. The appointment is supported by a new interdisciplinary program focusing on resilience in Northern regions (<http://www.alaska.edu/epscor/pdfs/AK-EPSCoR-Project-Summary.pdf>).

Applicants must be committed to contributing to a research program in resilience, adaptation, and/or modeling of human-environment systems and to the development of a teaching program in geography and environmental studies. The applicant must also be committed to conducting interdisciplinary research, seeking external funding on their own or as part of a team, and publishing in their area of specialization. The successful candidate will teach introductory and upper division undergraduate courses in the Geography and Environmental Studies program.

The successful candidate must have an awarded doctorate at the time of appointment in human geography (candidates with a doctorate in other social science disciplines with research experience in human-environment interactions will also be considered); a demonstrated record of scholarly achievement and publications in appropriate journals; communication skills; experience working effectively in an interdisciplinary setting; record of excellence in teaching, and evidence of or potential to secure research funding.

Desired qualifications are demonstrated experience in one or more of the following areas: modeling of human-environment systems (e.g., agent-based modeling), other methodological approaches for integration between social and biophysical systems (e.g., GIS-based methodologies); experience working in Pacific Rim or Arctic human-environment systems, including economic, environmental or political geography.

Review of applications begin November 1, 2008.

Further details are available online at <https://www.uakjobs.com> under Faculty Jobs, then scroll down to Assistant Professor of Geography - Resilience Social Scientist.

NOV 08-255

ARKANSAS, CONWAY.

The University of Central Arkansas, Department of Geography, invites applications for an **Assistant Professor**, tenure-track position in **Physical Geography**, beginning August 2009. The ideal candidate will have completed a doctoral program in geography by the time of appointment. The successful

"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

candidate will be a physical geographer with advanced geospatial technology skills. Ability to teach Geography of Landforms, Oceanography, Soils, Environmental GIS Applications, and Geographic Information Analysis is expected. There is the possibility of facilitating a graduate level GIS course offered via distance education. A regional specialty in Africa, the Middle East, or South Asia, would be useful.

The Department of Geography is interested in an enthusiastic individual who connects with students, is engaged in scholarly research leading to publications, and has the ability to promote the geography program across campus and in the community. The use of geospatial technology in research and in the classroom is expected. Salary is competitive.

Founded in 1907, the University of Central Arkansas is an accredited state-supported institution that awards the bachelor's, master's, specialist's and PhD degrees. The university has an enrollment of 13,000 students and a faculty of more than 400. Conway, a community of over 50,000, has three colleges and universities, and is located thirty miles northwest of Little Rock, the state capital. UCA is an Equal Opportunity/Affirmative Action employer. The Web site is www.uca.edu.

Applicants must send a cover letter providing information regarding teaching experience and suitability for the position, a detailed CV, and contact information for three references by November 30, 2008. Letters of reference will be solicited for short-listed candidates.

Apply: Dr. Brooks Green, Chair, Department of Geography, University of Central Arkansas, 301 Irby Hall, 201 Donaghey Avenue, Conway, Arkansas, 72035. Voice: 501-450-5636. FAX: 501-852-2926. E-mail: brooksg@uca.edu.

OCT 08-203

*ARKANSAS, LITTLE ROCK.

Assistant Professor of Geography. The University of Arkansas at Little Rock (UALR) Department of History invites applications for a tenure-track position (req#609) in **Human Geography** to begin August 15, 2009. Candidate should be prepared to teach both introductory and upper-level human geography courses (including online courses using Blackboard), conduct research, and participate in social studies education and interdisciplinary programs.

Little Rock is the state capital and business center of Arkansas, boasting affordable housing, many cultural attractions and close proximity to extensive wilderness and recreational area. It is the site of the Clinton Presidential Library. The Department of History offers a Minor in Geography, B.A.

degrees in History and in History/Social Studies Education and an M.A. in Public History.

Apply: submit a letter of application (reference req#609), CV, three letters of reference, and a statement of teaching philosophy to: Professor Gerald T. Hanson, Department of History, University of Arkansas at Little Rock, AR 72204 (gthanson@ualr.edu). Review of applications will begin October 15, 2008 and continue until the position is filled.

The University of Arkansas at Little Rock is an equal opportunity affirmative action employer and actively seeks the candidacy of minorities, women, and persons with disabilities. Under Arkansas law, all applications are subject to disclosure. The person hired must have proof of legal authority to work in the United States.

NOV 08-275-1

*CALIFORNIA, BERKELEY.

The University of California, Berkeley invites applications for the 2009-2010 S.V. Ciriacy-Wantrup Postdoctoral Fellowships in **Natural Resource Economics and Political Economy**. The S.V. Ciriacy-Wantrup Postdoctoral Fellowships in Natural Resource Economics and Political Economy will be awarded for the 2009-2010 academic year to support advanced research at the University of California, Berkeley.

For the purposes of this fellowship, natural resources are defined broadly to include environmental resources. The fellowship encourages, but is not limited to, policy-oriented research. Applications are open to scholars from any social science discipline and related professional fields such as law and planning, who will make significant contributions to research on natural resource economics broadly defined. Preference will be given to proposals whose orientation is broadly institutional and/or historical, and which are conceptually and theoretically innovative. Proposals with a primarily statistical or econometric purpose are not eligible for consideration.

Application deadline is December 8, 2008.

For more information, please visit: <http://research.chance.berkeley.edu/ciriacy/>.

NOV 08-252

*CALIFORNIA, ROHNERT PARK.

Sonoma State University. The Department of Geography and Global Studies seeks applicants for tenure track **Assistant Professor** position beginning August 2009. The selected candidate will be a **human/cultural geographer** with expertise in Urban, Economic or Political Geography, and a regional specialization in Latin America, Asia,

or Europe preferred. The successful candidate should demonstrate the ability and willingness to teach lower division cultural, and upper division courses in their specialty. PhD in Geography expected by August 17, 2009. The selected individual will be committed to excellence in teaching of undergraduates in a liberal arts setting, and will maintain scholarly and creative activity in support of the mission of the university. Review of applications will begin for those received by December 1, 2008 and will continue until the deadline of December 15, 2008.

Apply: a complete announcement with application information, is available at

<http://www.sonoma.edu/aa/fa/employment.shtml>.

Sonoma State is an Equal Opportunity/Title IX employer. Job #103077.

NOV 08-298-1

* CALIFORNIA, SANTA BARBARA.

University of California, Santa Barbara, Department of Geography, invites applications for a tenure-track position at the **Assistant Professor** level in the **Geography of Globalization** with an emphasis on its economic dimensions. Social scientists from disciplines such as economics, regional science, political science, sociology, demography, or anthropology are also encouraged to apply. A common denominator of many of the most pressing issues facing humanity is the rapid increase in global and regional connectivity that permits large-scale, cross-boundary socio-economic interaction. The spatial mobility of people, commodities, disease, pollution, cultural attitudes, and technological innovations all contribute to complex multi-scale interactions that give rise to issues as diverse as national/regional economic insecurity, the economic impacts of hazardous events, the economics of pollutants and greenhouse gases, the management of infectious diseases, and the globalization of commodity and labor markets. The successful candidate will tackle pioneering research problems associated with these multi-scale interactions, employing core geographic concepts such as scale, diffusion, networks, spatial interaction, and regionalization. A PhD is required by the date of appointment. The Department has strengths in three broadly defined areas: human-environment relations; modeling, measurement, and computation; and earth system science. The position also provides opportunities for interactions with UCSB's Spatial Center and the Center for Global & International Studies. The department is especially interested in candidates who can contribute to the diversity and excellence of the academic community through research, teaching, and service. The application deadline is December 8, 2008, the starting date is July 1, 2009.

Apply: qualified applicants should send their complete curriculum vitae, statement of research and teaching interests, and names of three referees with addresses preferably by email to global_search@geog.ucsb.edu, or by mail to Search Committee, Department of Geography, University of California, Santa Barbara, CA 93106-4060. To learn more about the department, visit our website at www.geog.ucsb.edu. An EO/AA Employer.

NOV 08-311

CALIFORNIA, SAN FRANCISCO.

San Francisco State University invites applications for an **Associate or Full Professor** to serve as **Department Chair** on arrival in August, 2009. Proven administrative experience; demonstrated excellence in scholarship, service, and teaching; PhD in Geography required. Research focus in political ecology, human-environment interaction, nature-society, biogeography or conservation preferred.

San Francisco State University, a large urban university, is part of the 23-campus California State University system serving a diverse student body in liberal arts, sciences, and professional programs. The mission of the University is to create an environment for learning that promotes an appreciation of scholarship, freedom, and human diversity; fosters excellence in instruction and intellectual accomplishment; and provides broadly accessible higher education. SFSU faculty are expected to be effective in teaching; to demonstrate professional achievement and growth through continued research, publications, and/or creative activities; and to contribute their academic expertise and leadership to the campus and community.

The Department of Geography and Human Environmental Studies has twelve full-time faculty. Our BA and MA programs in Geography attract students with diverse backgrounds, professional and international experience. We have a longstanding commitment to excellence in teaching and research, and we welcome applications from creative, dedicated teacher-scholars. Department facilities include a Geographic Analysis Teaching Lab, Physical Geography lab and Map Library. Our applied programs focus on physical geography, geographic techniques, human geography, resource management and environmental/land use planning.

Apply: Please submit all materials electronically to geog@sfsu.edu. Include an application letter, a curriculum vitae, and separate statements concerning your administrative philosophy, teaching and research interests. Three letters of reference should be emailed independently by referees from their own accounts.

Application screening begins November 15 but the position will remain open until

filled. Address questions to: Nancy Lee Wilkinson, Chair, Department of Geography and Human Environmental Studies, nancyw@sfsu.edu.

OCT 08-218

*CALIFORNIA, TURLOCK.

The Department of Geography and Anthropology at California State University, Stanislaus seeks a full-time, tenure-track **Assistant Professor** beginning August 2009. Responsibilities include teaching introductory World Regional and an upper-division specialty (political/global economy, sustainability, international and regional development, rural studies, planning and transportation, fluvial systems and water resources) and courses in GIScience. The successful candidate will hold a PhD in Geography, exhibit excellence in undergraduate teaching, possess a research history of using and/or teaching with geo-spatial techniques and be expected to conduct field courses. A PhD is required at the time of employment.

Apply: Send an application letter, addressing the courses the candidate is most qualified to teach and research interests; CV; graduate transcript copies; names and contact information of three referees, statement of teaching philosophy; and evidence of teaching effectiveness to Dr. Jennifer Helzer, Coordinator of Geography, CSU, Stanislaus, Turlock, CA 95382, (209) 667-3010; jhelzer@csustan.edu.

Screening of completed application files will begin on December 1, 2008. The position will remain open until filled. Full position description: <http://www.csustan.edu/FacultyAffairs/EmploymentOpps.html>. For details about the University and the Department, consult: www.csustan.edu/geography/geohome.htm. AA/EOE.

NOV 08-299

*COLORADO, DENVER.

University of Colorado Denver. Tenure-track **Assistant Professor** of Geography, beginning August 2009, pending budgetary approval. PhD required at time of appointment. The Department of Geography and Environmental Sciences seeks an **Environmental Geographer** with research and teaching interests in human-environmental interaction and an emphasis on the interface of science and policy. Additional strength in areas that complement the goals of the department, including urban environmental change, climate change, and/or sustainability would be an advantage.

Commitment to excellence in both research and teaching is expected; teaching load is two courses per semester including introductory courses in addition to upper division and graduate courses in the specialization. The department seeks to add

significantly to existing strengths in physical geography, environmental science, urban-environmental studies, and GIS. The department operates a B.A. program in geography and an interdisciplinary M.S. program in environmental science. Geography faculty have full access to a multidisciplinary computer laboratory with state-of-the-art GIScience technology for teaching and research. Salary is commensurate with skills and experience. The University of Colorado offers a full benefits package. Information on University benefits programs, including eligibility, is located at <http://www.cu.edu/pbs/>.

When applying at www.jobsatcu.com, applicants must include: A letter of application describing teaching and research interests; a current CV/resume; and the names, addresses, daytime telephone numbers and email addresses for three professional references. Question should be directed to the search committee chair, Dr. Rafael Moreno (rafael.moreno@ucdenver.edu). Application review begins November 30, 2008, and will continue until the position is filled.

UCD requires background investigations for employment. The University of Colorado is committed to diversity and equality in education and employment. As one of three institutions within the University of Colorado system, UCD is located in downtown Denver and seeks to meet the needs of a diverse population through its curriculum, research and community service activities.

NOV 08-289

*COLORADO, DENVER.

University of Colorado Denver. Tenure-track **Assistant Professor** of Geography, beginning August 2009, pending budgetary approval. PhD required at time of appointment. The Department of Geography and Environmental Sciences seeks a **Physical Geographer** with research and teaching interests in **fluvial geomorphology and watershed science**. Additional strength in geo-spatial technologies (particularly remote sensing) and the policy context of water resources would be an advantage.

Commitment to excellence in both research and teaching is expected; teaching load is two courses per semester including introductory courses in addition to upper division and graduate courses in the specialization. The department seeks to add significantly to existing strengths in physical geography, environmental science, urban-environmental studies, and GIS. The department operates a B.A. program in geography and an interdisciplinary M.S. program in environmental science. Geography faculty have full access to a multidisciplinary computer laboratory with state-of-the-art GIScience technology

for teaching and research. Salary is commensurate with skills and experience. The University of Colorado offers a full benefits package. Information on University benefits programs, including eligibility, is located at <http://www.cu.edu/pbs/>.

When applying at www.jobsatcu.com, applicants must include: A letter of application describing teaching and research interests; a current CV/resume; and the names, addresses, daytime telephone numbers and email addresses for three professional references. Question should be directed to the search committee chair, Dr. Frederick Chambers (frederick.chambers@ucdenver.edu). Application review begins November 30, 2008, and will continue until the position is filled.

UCD requires background investigations for employment. The University of Colorado is committed to diversity and equality in education and employment. As one of three institutions within the University of Colorado system, UCD is located in downtown Denver and seeks to meet the needs of a diverse population through its curriculum, research and community service activities.

NOV 08-290

COLORADO, DENVER.

Assistant or Associate Professor - International Futures Program and Associate Director - Pardee Center

The University of Denver's Frederick S. Pardee Center for International Futures invites applications for a dual role as an Assistant or Associate Professor and Associate Director of the Center. The holder of this position will have academic rank to be determined and be tenured or fill a tenure-track line at the Josef Korbel School of International Studies. The holder of this position will have teaching responsibilities at the Josef Korbel School as well as research and administrative ones at the Center.

The newly established Pardee Center's research and publication agenda is built around the further development and use of the International Future (IFs) forecasting system. A key agenda element is the preparation of annual reports in a series on Patterns of Potential Human Progress. Initial series volumes, the first three now underway, will be on poverty, education, health, infrastructure, and governance. Another important effort will be developing global networks for collaboration across world regions and issue areas.

Apply: please visit our website at www.dujobs.org.

The University of Denver is an EEO/AA Employer.

OCT 08-213

*COLORADO, GOLDEN.

Division Director, Liberal Arts and International Studies. Colorado School of Mines has an exceptional opportunity for a scholar-educator to serve as Director of its Division of Liberal Arts and International Studies (LAIS) and invites applications and nominations. The new Director will advance and shape the critical role of humanities and social sciences within a top-rated technological university. LAIS (www.lais.mines.edu) is uniquely positioned to address the social and humanistic aspects of the grand challenges confronting global society in energy, natural resources, and the environment.

The successful candidate will be imaginative but pragmatic and have the vision, creativity, energy, and leadership to administer the Division as its chief academic and administrative officer. Applicants must possess a PhD in an appropriate discipline or interdisciplinary field. The successful applicant must also have a record of excellence in teaching, scholarship and service, and national or international professional recognition that would merit appointment at the rank of Full Professor. Salary and benefits will be commensurate with qualifications and experience. CSM also provides an attractive benefits package.

Apply: For a complete job announcement, more information about the position and the university, and instructions on how to apply, please visit: www.is.mines.edu/hr/Faculty_Jobs.shtm. Review of applications will begin by December 1, 2008.

CSM is an EEO/AA employer and is committed to enhancing the diversity of its campus community. Women, minorities, veterans, and individuals with disabilities are encouraged to apply. Employment with CSM is contingent upon the satisfactory completion of a background investigation.

NOV 08-284

*CONNECTICUT, NEW HAVEN.

The Yale Program in American Studies invites applications for a tenure-track Assistant Professor position beginning July 1, 2009. Preference will be given to applicants whose research and teaching combine an interest in space or the geography of North America with either the humanities or social science disciplines. Period and subject of specialization open, but scholars whose work focuses on the built environment in the 19th or 20th centuries are particularly encouraged to apply.

Apply: Please send a letter of application, your c.v., three letters of recommendation, a two-page dissertation abstract, and a 30-page writing sample to Matthew Frye Jacobson, Chair, Program in American Studies, Yale University, P.O. Box 208236, New Haven, CT 06520-8236.

The review of applications will begin December 1, 2008.

Yale University is an Affirmative Action/Equal Opportunity employer. Yale values diversity among its students, faculty, and staff and strongly encourages applications from women and underrepresented minorities.

NOV 08-307

*DISTRICT OF COLUMBIA.

AAG Administrative Specialist. The **Administrative Specialist** is responsible for responding to incoming queries via phone and e-mail; providing administrative support to AAG Project Managers and other staff as needed; assisting the AAG with research, correspondence, and special projects; fulfilling publication orders; processing meeting registrations; and updating database content. The ideal candidate will have good communication skills and be highly organized, conscientious, and productive, with a strong customer-service ethic. Must also be able to communicate effectively with academic, government, and private sector professionals. Microsoft Office skills required; iMIS or QuickBooks experience desired. A degree in or familiarity with geography a plus. Some travel is required. We desire applicants interested in long-term, stable employment with the AAG, which offers an excellent working environment and benefits. Salary commensurate with experience. The AAG is an equal opportunity employer.

Apply: Submit application letter and resume to Rachel Franklin, AAG, 1710 Sixteenth Street NW, Washington, DC 20009, or by email at rfranklin@aag.org.

NOV 08-303

DISTRICT OF COLUMBIA.

The George Washington University, Department of Geography. Applications are invited for a tenure-track position at the **Assistant Professor** level for a **Physical Geographer** with expertise in **Geographic Information Systems** to begin September 1, 2009. The George Washington University is located in downtown Washington and offers a BA and a MA in Geography and minors in Geography and GIS. It has recently moved to new quarters with an expanded Spatial Analysis Lab and a Physical Geography Lab. Faculty members in the Department are actively involved in the Environmental Studies Program, the Center for Urban and Environmental Research and the Elliott School of International Affairs.

Basic Qualifications: Applicants must have a PhD in Geography or closely related field by August 1, 2009 and be able to teach undergraduate courses in introductory physical geography, environmental quality/management and GIS as well as graduate courses in environmental geography and geospatial

techniques. Applicants must show promise for a productive scholarly career as demonstrated by scholarly presentations, publications and/or works in progress, and excellent GIS skills.

Preferred Qualifications: Any sub-specialty in Physical Geography will be considered but preference will be given to geomorphology, climatology or biogeography. A candidate with urban-environmental interests is highly desirable.

Apply: To be considered send a letter of interest, vita, statement of teaching and research interests, and the names and contact information for three references to: Dr. Marie Price, Chair of the Search Committee, Department of Geography, 1922 F St NW, Room 227, George Washington University, Washington DC 20052.

Only complete applications will be considered. Review of applications will begin November 15, 2008 and continue until the position is filled.

The George Washington University is an equal opportunity/affirmation action employer.

OCT 08-235

DISTRICT OF COLUMBIA.

The George Washington University, Department of Geography. Applications are invited for a tenure-track position at the **Assistant Professor** level for an **Environmental Geographer** with expertise in natural resource use, environmental management and policy to begin September 1, 2009. The George Washington University is located in downtown Washington. The Department of Geography offers a BA and a MA in Geography, a BA in Environmental Studies, and minors in Geography and GIS. It has recently moved to new quarters with an expanded Spatial Analysis Lab and a Physical Geography Lab. Faculty members in the Department are actively involved in the Environmental Studies Program, the Center for Urban and Environmental Research and the Elliott School of International Affairs.

Basic Qualifications: Applicants must have a PhD in Geography or closely related field by August 1, 2009 and be able to teach undergraduate courses in society and the environment, environmental quality and management as well as graduate courses in resources and environment with a policy emphasis. Applicants must show promise for a productive scholarly career as demonstrated by scholarly presentations, publications and/or works in progress and grants.

Preferred Qualifications: Demonstrated skills in global monitoring of environmental change through the use of remote sensing or GIS. A candidate with urban-environmental interests or expertise in energy policy is highly desirable.

Apply: To be considered send a letter of interest, vita, statement of teaching and research interests, and the names and contact

information for three references to: Dr. Lisa Benton-Short, Chair of the Search Committee, Department of Geography, 1922 F St NW, Room 227, George Washington University, Washington DC 20052.

Only complete applications will be considered. Review of applications will begin December 1, 2008 and continue until the position is filled.

The George Washington University is an equal opportunity/affirmation action employer.

OCT 08-236

FLORIDA, CORAL GABLES.

The Department of Geography and Regional Studies (GRS) at the University of Miami invites applications for an open tenure-track position as an **Assistant Professor in Environmental Geography**. Our Department seeks candidates who will enhance emerging Departmental expertise in Medical Geography, Environmental Health, Hazards and Urban-Environmental Studies. Ability to teach GIS will be considered a plus. GRS currently offers BA and MA degrees in Geography with emphases in urban, environmental, and development studies. Situated in the College of Arts and Sciences, GRS faculty and students collaborate actively with a range of other academic units at the University of Miami, including the Abess Center for Ecosystem Science and Policy, The Miller School of Medicine, and The Rosenstiel School of Marine and Atmospheric Science. The successful candidate will be expected to realize synergies with other disciplines and academic centers at UM and elsewhere and will teach introductory and upper-level courses in environmental geography.

Apply: Applicants should possess a PhD in Geography or a related discipline at the time of appointment and must submit a curriculum vitae, a maximum of three sample publications, a statement of interest that outlines his/her research and teaching philosophy, and three letters of recommendation to Dr. Douglas O. Fuller, 1000 Memorial Drive #231, University of Miami, Coral Gables, FL 33124-2221. Application materials may also be sent electronically to dofuller@miami.edu.

Please visit the GRS website at <http://www.as.miami.edu/geography> to learn more about the department. The University of Miami strongly encourages applications from women and minorities. Application Deadline: October 31, 2008.

OCT 08-202

*FLORIDA, TAMPA.

University of South Florida. The Department of Geography invites applications for an association/full professor position beginning August 2009, subject to funding.

Associate/Full professor and program director, Urban and Regional Planning. The Urban and Regional Planning program/Department of Geography at the University of South Florida Department seeks a senior scholar to be hired at the Associate or Full Professor level. The appointment is for 9 months; an additional administrative stipend is negotiable. The successful candidate will develop and direct this new program, whose first students will enroll in Fall 2009. The director will report to the Chair of the Geography Department. The successful candidate will also teach core and specialization courses for the program. Candidates from all specializations are welcome to apply. Final funding of this position is pending. Salary is negotiable.

Minimum qualifications: earned PhD in urban and regional planning or closely related field. Evidence of capability for conducting vigorous, externally funded research; demonstrated experience with university and community service; demonstrated experience with program and/or curriculum development or other related administrative and leadership experience; commitment to outreach and recruitment activities.

Preferred qualifications: ability to work effectively with colleagues in cooperative, cross-cultural, interdisciplinary endeavors; prior administrative experience; knowledge of and experience with the PAB accreditation process. Applications will be reviewed starting October 1, 2008 and will continue until a candidate is chosen.

Apply: Send a letter of application, curriculum vitae, statements of research and teaching goals and experience, copies of teaching evaluations, samples of published research (no more than 3 articles), and names and contact information for three references to: Dr. Elizabeth Strom, Search Committee Chair, Department of Geography, University of South Florida, 4202 East Fowler Ave, NES 107, Tampa, FL 33620. Ph: 813-974-3439; Email: estrom@cas.usf.edu.

The 20-member Department of Geography has a broad focus, with a teaching and research emphasis on urban development, water resources and policy, hazards, karst and environment and policy. The department also houses the Environmental Science and Policy Program, and graduate certificate programs in GIS, Community Development, and Environmental Management and Policy. Please visit our website for additional information (www.cas.usf.edu/geography).

The University of South Florida is an equal opportunity, affirmative action, equal access institution. For disability accommodations, please contact us at 813-974-4291 at least five working days in advance. According to Florida law, applications and meetings regarding them are open to the public.

NOV 08-301-1

***GEORGIA, ATLANTA.**

Georgia State University. The Department of Geosciences invites applications for a tenure-track position in **Geographic Information Science/Urban Health** pending budgetary approval at the rank of **Assistant or Associate Professor** beginning August 2009.

This tenure-track faculty position housed in the Department of Geosciences in the College of Arts and Sciences and it is funded through the Georgia State University's Partnership for Urban Health Research which is one of several new multidisciplinary strategic areas of focus at GSU. For more information please visit <http://urbanhealth.gsu.edu>. In addition to supporting individual research and instructional efforts, there are abundant opportunities to engage in and to develop plans for collaborative research in the use and development of GIS applied to urban health with faculty members in the Institute of Public Health and related disciplines. The ideal candidate will have the opportunity to conduct collaborative research on a variety of health and social problems confronting urban communities involving many disciplines in the colleges of Arts and Sciences, Health and Human Sciences and Law. A fully-funded graduate research assistant is associated with this position.

Applicants should have expertise in GIS combined with research interests in urban health. The successful candidate is expected to develop a strong research agenda, seek external funding to support the applicant's research plans, and direct students in graduate and undergraduate research. Instructional responsibilities include teaching an undergraduate – graduate course in GIS, graduate course(es) in his/her specialty relating GIS to Urban Health research areas, and possibly multidisciplinary lower division instruction. A PhD is required prior to the time of appointment.

Georgia State University, located in downtown Atlanta, is one of the country's leading urban research universities. Regional offices for the US EPA and main CDC facilities are located nearby. The Geosciences Department currently offers the following degrees: B.A. in Geography, B.S. in Geology, M.A. in Geography, and M.S. in Geology. In addition, the department offers graduate certificates in GIS and Hydrogeology, and it collaborates with the Department of Chemistry to offer a PhD in Chemistry with Geology specialization. For more information about the Department of Geosciences, visit the department's website at: www.cas.gsu.edu/geosciences.

Apply: Applicants should send a letter of interest, curriculum vitae, a statement of teaching and research interests, and names of at least three references with full contact information to: Dr. W. Crawford Elliott, GISc/Urban Health Search Committee Chair, Department

of Geosciences, Georgia State University, P.O. Box 4105, Atlanta, GA 30302.

For further information contact Dr. Elliott at wcelliott@gsu.edu or (404) 413-5756.

Review of applications will begin on January 15, 2009 and continue until the position is filled. An offer of employment will be conditional on background verification.

Georgia State University is an Equal Employment Opportunity/Affirmative Action employer.

NOV 08-304

***HAWAII, HILO.**

University of Hawai'i-Hilo, Department of Geography and Environmental Studies invites applications for a tenure track, **Assistant Professor of Geography and Environmental Studies (physical geographer)**, to begin August 2009. The successful applicant is expected to teach introductory courses (physical geography and environmental science) and advanced undergraduate and graduate level courses in applied geo-spatial technologies (GIS, remote sensing) and natural resources assessment/management (e.g. ecosystem services, environmental policy), and applicant's areas of specialization.

Preference will be given to applicants who additionally can demonstrate teaching expertise in some combination of the following: natural hazards, environmental impact assessment and environment change. The successful applicant will be expected to contribute to the development of new interdisciplinary undergraduate/graduate programs in Environmental Studies/Science (BA/BS, and a MS degree in Tropical Conservation Biology and Environmental Science). A strong commitment to scholarly research and securing extra-mural grants is expected. This position will involve collaboration with ongoing interdisciplinary, multi-campus research on large-scale human-environment relations in the Hawaiian Islands. Ability to work with students from diverse cultural backgrounds is essential. A PhD in geography, environmental science or closely related field is required at time of appointment.

Apply: James Juvik, Chair Department of Geography and Environmental Studies, University of Hawai'i of Hilo, 200 W. Kawili, Hilo Hawai'i 96720 (jjuvik@hawaii.edu).

For complete information and requirements, please visit our Web site at: www.uhh.hawaii.edu/uhh/hr/jobs.php. Review of applications will begin November 15, 2008 and will continue until position filled.

UH Hilo is an EEO/AA Employer.

NOV 08-288

***ILLINOIS, MACOMB.**

Western Illinois University. The Department of Geography invites applications for

a tenure-track **Assistant Professor – Geotechnique/Physical Geography** position beginning August 2009. PhD in Geography or related fields with GIS and physical geography specialization (ABD considered). Screening of applications will begin December 2, 2008 and continue until the position is filled. Send a letter of application, curriculum vitae, copies of undergraduate and graduate transcripts (unofficial copies will be acceptable at the application stage), recent teaching evaluations, e-mail address and contact information for three current references as well as your current email address for correspondence. In your letter, please list your areas of interest for teaching and research. Additional information about the department is available at www.wiu.edu/geography.

Apply: Interested applicants send application to: Dr. Samuel Thompson, Chair of Geography Department, Western Illinois University, 1 University Circle, Macomb, IL 61455-1390. Applicant can also email application material to geography@wiu.edu.

WIU has a non-discrimination policy that includes sex, race, color, sexual orientation, gender identity, gender expression, religion, age, marital status, national origin, disability, or veteran status.

NOV 08-248

***ILLINOIS, MACOMB.**

Western Illinois University. The Department of Geography is accepting applications for a tenure-track **Assistant Professor-Meteorology** position beginning August 2009. PhD in Geography, Meteorology or Atmospheric Studies required (ABD considered). Screening of applications will begin December 2, 2008 and continue until the position is filled. Send a letter of application, curriculum vitae, copies of undergraduate and graduate transcripts (unofficial copies will be acceptable at the application stage), recent teaching evaluations, e-mail address and contact information for three current references as well as your current email address for correspondence. In your letter, please list your areas of interest for teaching and research. See: <http://www.wiu.edu/employment/emp.sphp?id=679> for complete details.

Apply: Interested applicants send application to: Dr. Samuel Thompson, Chair, Department of Geography, Western Illinois University, 1 University Circle, Macomb, IL 61455-1390. Applicant can also email application material to Geography@wiu.edu.

WIU has a non-discrimination policy that includes sex, race, color, sexual orientation, gender identity, gender expression, religion, age, marital status, national origin, disability, or veteran status.

NOV 08-272

ILLINOIS, URBANA.

The University of Illinois at Urbana-Champaign. The Department of Geography invites applications for a full-time (9 month), tenure track position at the **Assistant Professor** level in **Remote Sensing and Geographic Information Science**, starting August 2009.

The successful candidate will be expected to develop an active program of research and publication in remote sensing and related areas of GIScience (including, but not limited to spatial analysis, geovisualization and modeling of human and environmental systems) as well as complement current departmental and school research strengths (see www.geog.uiuc.edu and www.earth.uiuc.edu). The position also involves participating in teaching for the Department's undergraduate and graduate core curriculum in GIScience. The Department is part of the School of Earth, Society and Environment (SESE, comprising the Departments of Geography, Geology and Atmospheric Sciences), which provides excellent opportunities for interdisciplinary research. There are also multiple opportunities to interact with the National Center for Supercomputing Applications (NCSA), a leading center for the development of cyberinfrastructure, scientific visualization and data mining. A PhD in Geography or a closely related discipline is required at the time of appointment. Salary will be commensurate with experience.

Full consideration will be given to applications received by November 15, 2008. Applicants must submit a curriculum vitae, a statement of research and teaching interests and a writing sample. In addition, they must arrange for three letters of recommendation to be sent.

Apply: All materials, including an email address, should be submitted to Sara McLafferty, Chair, GIScience Search Committee, Attn. Diane Lane, Department of Geography, 220 Davenport Hall (MC 150), 607 South Mathews Avenue, Urbana, IL 61801. Telephone (217) 333-3488. Fax (217) 244-1785. For further information, contact smclaff@illinois.edu.

The University of Illinois is an Affirmative Action, Equal Opportunity Employer.

OCT 08-23

***INDIANA, MUNCIE.**

Ball State University, Department of Geography. Tenure-track position as **Assistant Professor** available August 21, 2009. The department seeks a **human geographer** with strong GIS skills and the ability to teach key program courses in urban geography and GIS. Major responsibility: teaching lower and upper level courses in human/urban geography and GIS. Minimum qualifications: PhD in geography or closely related disciplines. ABD in these fields will be considered but PhD must be completed by

August 1, 2009. Preferred qualifications: expertise in geospatial techniques and customization of GIS applications; ability and willingness to teach geography of North America. Excellent benefits, including retiree health care and 100% pension contribution for eligible employees.

Apply: Send letter of application, including statement of teaching interests; curriculum vitae; copies of publications and grants; copies of transcripts; and the names and contact information for three references to: Dr. Kevin Turcotte, Chair, Search Committee, Department of Geography, Ball State University, Muncie, IN 47306. (Tel: 765-285-1776; Email: turk@bsu.edu).

Official transcripts will be required upon employment. Review of applications will begin November 30, 2008, and will continue until the position is filled. (www.bsu.edu/geography).

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

NOV 08-292

***INDIANA, TERRE HAUTE.**

The Department of Geography, Geology and Anthropology at Indiana State University invites applications for a tenure-track **Assistant/Associate Professor** position in **Geographic Information Science** beginning in August 2009. PhD in Geography or a related discipline required at time of appointment. The department seeks a broadly defined Geographic Information Science specialist to teach primarily undergraduate and graduate level courses in GIS, courses in their areas of expertise, and to advise graduate students. Research specialties are open to any application of geospatial technology to natural resources, environment, or physical geography, with the expectation that the successful candidate will establish an active research program that results in extramural funding and peer-refereed publications. Expertise in remote sensing, geostatistics, geocomputation, and/or geovisualization is a plus. Preference will be given to applicants with a PhD in Geography, university teaching experience (including web-based courses), peer-refereed publications and a record of extramural funding. The Department offers bachelor, master, and doctoral degrees in geography and a GIS certificate. Geography has established a GIScience teaching/research facility and a Center for Urban and Environmental Change that extensively employ geospatial technologies.

Apply: Applicants should apply online at <http://jobs.indstate.edu> and attach a state-

ment of teaching and research interests, curriculum vitae, transcripts and contact information for three references.

Review of applications begins November 3, 2008 and will continue until the position is filled. Inquiries should be directed to GIS Search Committee: Voice 812-237-2444; Fax 812-237-8029; E-mail: geography@isugw.indstate.edu. Visit us at <http://www1.indstate.edu/gga/gga/javatest/index2.html>.

Indiana State University is an equal opportunity/affirmative action employer committed to excellence through diversity. The University actively encourages the applications of women, minorities, and persons with disabilities.

NOV 08-267

IOWA, CEDAR FALLS.

The Department of Geography at the University of Northern Iowa invites applications for a tenure-track **Assistant Professor** specializing in **Geovisualization** to begin August, 2009. The successful candidate will teach cartography and geovisualization courses, additional courses in their specialty, and contribute to undergraduate and graduate instruction. Preference will be given to candidates whose interests complement those of department's faculty. We seek an engaging teacher and active researcher. The typical teaching load is three courses per semester. A PhD degree in Geography is preferred, although other closely-related disciplines will be considered. A PhD is required at the time of appointment. See additional requirements at www.uni.edu/geography.

With 11 full-time faculty we offer BA and MA degrees, a minor, and a GIS certificate. The department houses several specialized labs/programs, including GeoTREE Center, Geography Alliance of Iowa, and Midwest Transportation Consortium. The university is ranked second among public comprehensive universities in the Midwest. Its enrollment is more than 12,600. The Cedar Falls/Waterloo area has a population of approximately 120,000 with a full range of educational, cultural, recreational, and medical programs and facilities.

Applications received by November 7, 2008 will be given full consideration.

Apply: Send a letter of application, curriculum vitae, separate statements of research and teaching interests, and names of three references to Professor David May, Chair of Search Committee, Department of Geography, University of Northern Iowa, Cedar Falls, IA 50614-0406; phone: (319) 273-2772; fax: (319) 273-7103, e-mail: dave.may@uni.edu.

The department has a strong commitment to achieving diversity among faculty and we encourage applications from women, persons of color, veterans, and people with disabilities. The University is an Equal

Opportunity Employer with a comprehensive plan for Affirmative Action. UNI is a smoke-free campus.

OCT 08-221

IOWA, CEDAR FALLS.

The GeoInformatics Training, Research, Education and Extension (GeoTREE - www.geotree.uni.edu) Center funded by NASA at the University of Northern Iowa seeks applications for a **Post-Doctoral Research Associate** (ABDs seriously considered) or **Research Associate** (Master's degree required) in remote sensing application areas. The candidate is responsible for the analysis, design and development of **remote sensing applications** in any of the following areas: 1) Invasive species mapping, 2) Crop residue modeling, 3) Land use/ land cover prediction modeling, 4) LiDAR quality control and 5) Crop yield prediction.

Qualifications include: a) Experience in the remote sensing applications areas mentioned above. Submit (through a snail mail or email geotree@uni.edu) a cover letter, CV, 1 or 2 publications (if any) and names/contact information for three references to Dr. Raman than Sugumaran, 205 Innovative Teaching and Technology Center, Department of Geography, University of Northern Iowa, Cedar Falls, IA-50614, USA. Screening of job applicants will begin on October 20, 2008.

University of Northern Iowa is an equal opportunity employer.

OCT 08-206

IOWA, IOWA CITY.

The Graduate Program in **Urban and Regional Planning** at the University of Iowa anticipates an opening for a tenure-track faculty position at the **Assistant or Associate** professor level beginning in August, 2009. The successful candidate must, at a minimum, have a PhD in planning or a related discipline, demonstrate substantial potential for scholarly research and publication, and be able to teach courses in GIS as well as courses in transportation or economic development. Initial review of applications will begin on January 2 for the August 2009 appointment. Applications will be accepted until the position is filled. We especially encourage applications from minorities and women.

To apply for this position, please go to <http://jobs.uiowa.edu> and search under requisition number 55923. Charles E. Connerly, Director, Graduate Program in Urban and Regional Planning, 343 Jessup Hall, The University of Iowa, Iowa City, IA 52242. Phone: 319-335-0039. E-mail: charles-connerly@uiowa.edu. Homepage: www.urban.uiowa.edu.

The University of Iowa is an affirmative action/equal opportunity employer. Women and minorities are encouraged to apply.

OCT 08-208

*KENTUCKY, BOWLING GREEN.

Western Kentucky University, Department of Geography and Geology, is seeking applicants for an **Assistant Professor of Geomorphology and GIS**. This is a tenure-track assistant professor position beginning August 2009. The successful candidate is expected to contribute to the Department's research programs, to manage the MS Geoscience program, and to provide academic leadership in GIS.

Qualifications: Earned PhD in Physical Geography, GIS, or a related field is required; Must demonstrate a commitment to excellence in teaching and research at the undergraduate, Master's, and post-doctoral levels; Will be expected to develop a strong externally funded research program in geomorphology and/or GIS; Collaborative and interdisciplinary research is encouraged. Prospective candidates should obtain additional information at: www.wku.edu/geoweb.

Apply: Interested candidates must submit a letter of application, curriculum vita, the names of three references, and separate statements of 1) teaching and 2) research philosophy to: Department of Geography and Geology; Geomorphology Search Committee; Western Kentucky University, 1906 College Heights Blvd #31066; Bowling Green, KY 42101-1066.

Review of applications will begin December 15, 2008. Position will remain open until filled. All qualified individuals are encouraged to apply including women, minorities, persons with disabilities and disabled veterans. Western Kentucky University is committed to the promotion of stewardship and student engagement. For this type of employment, state law requires a state and national criminal history background check as a condition of employment. Western Kentucky University is an Affirmative Action/Equal Opportunity Employer.

NOV 08-263

KENTUCKY, BOWLING GREEN.

Western Kentucky University. The Department of Geography and Geology invites applications for a tenure-track **Cultural Geography** position beginning August 2009 at the level of **Assistant Professor**. Screening of applications will start on November 15 and continue until the position is filled.

The successful applicant will contribute to expanding undergraduate and graduate programs in cultural geography by participating in curriculum development and teaching courses in place and culture, thematic geography (ethnicity, political, historical, economic, religions, regions, etc.) tourism, and qualitative methods. We seek candidates who demonstrate excellence in teaching, directing student research, and who maintain a substantive research program. Ability to help the department continue to

internationalize its curriculum is preferred. PhD required at time of appointment.

Applicants should submit a letter of application, curriculum vitae, statements of research and teaching interests, transcripts, reprints of selected peer-reviewed publications, and contact information for three references.

Apply: Katie Algeo, Chair, Search Committee, Department of Geography and Geology, 1906 College Heights Blvd. #31066, Bowling Green, Kentucky, 42101-1066.

Western Kentucky University is an Affirmative Action/Equal Opportunity Employer. All qualified individuals are encouraged to apply including women, minorities, persons with disabilities and disabled veterans.

OCT 08-211

*LOUISIANA, BATON ROUGE.

Assistant Professor Research or Research Associate 5 (Program Manager) Department of Geography and Anthropology – The Southern Climate Impacts Planning Program (SCIPP) in the Department of Geography and Anthropology at Louisiana State University seeks to fill an Assistant Professor – Research or Research Associate position. The successful candidate will be the Program Manager for a new five year, NOAA Regional Integrated Sciences and Assessments (RISA) project focused on the analysis and impacts of drought and other climatic hazards in the south-central United States. Required

Qualifications: (RA5) Master's degree; (AP-R) PhD degree; (both levels) expertise in the human dimensions of extreme environmental events, variability, and change. Additional Qualifications Desires: Excellent communication skills with the ability to engage physical and social scientists as well as public and private stakeholder organizations.

Candidates with backgrounds in physical (e.g., atmospheric science, climatology, hydrology) or social (e.g., geography, anthropology, sociology) sciences are equally encouraged to apply. Responsibilities: participates in and coordinates RISA-driven climate impacts research at LSU, as well as coordinating activities with his/her counterpart at the University of Oklahoma; develops RISA-related materials for a variety of audiences (newsletters, website materials, and news releases) and foster stakeholder outreach and education activities in Louisiana and neighboring states.

Salary is commensurate with experience. An offer of employment is contingent on a satisfactory pre-employment background check. Application deadline is November 17, 2008 or until a suitable candidate is selected.

Apply: Interested applicants should send Curriculum Vitae (including e-mail address), brief statement of interest, and contact infor-

mation for three references in PDF format to Dr. David Brown (dpbrown@lsu.edu).

LSU is an equal opportunity/equal access employer.

NOV 08-254-1

*MARYLAND, BALTIMORE.

IGERT Traineeships. University of Maryland, Baltimore County (UMBC) seeks applicants for our NSF Integrative Graduate Education and Research Training (IGERT) program, "Water in the Urban Environment." Solutions to complex problems associated with the effect of urbanization on the water cycle require integrated ecological, economic and engineering approaches, as well as innovations in policy-making. This program is training a generation of graduate students to understand these linkages and to be prepared to work in multidisciplinary teams to improve understanding and management of urban environmental systems. We are interested in recruiting PhD students interested in developing their own dissertation topic around such themes as (1) urban hydrology and contaminant transport; (2) urban biogeochemical cycles, aquatic ecosystems, and human health; and (3) urban water policy, management, and institutions.

The program takes advantage of the presence at UMBC of the field headquarters of the Baltimore Ecosystem Study (<http://beslter.org>), one of two urban sites in the NSF Long-Term Ecological Research network; partnerships with public agencies, nonprofits, and private consultants; and proximity to the Chesapeake Bay, a coastal ecosystem severely affected by urban land use change.

Applicants for IGERT Traineeships must be U.S. citizens or permanent residents. Awardees accepted to one of the nine participating PhD programs will receive a stipend of \$30,000 per year plus \$10,500 cost-of-education allowance.

Apply: Applications for Fall 2009 are due February 1, 2009. For further information see <http://www.umbc.edu/cuere/igert> or contact Dr. Bernadette Hanlon, IGERT Coordinator at bhanlon1@umbc.edu, or Prof. Claire Welty, IGERT Program Director at weltyc@umbc.edu.

The UMBC IGERT Program seeks the applications of minorities, women, and individuals with disabilities.

NOV 08-277

MARYLAND, BALTIMORE.

University of Maryland, Baltimore County. **Assistant or Associate Professor**, beginning in August 2009. PhD required at time of appointment. The UMBC Department of Geography & Environmental Systems seeks a faculty member with research and teaching interests in **Environmental Policy**. We are interested in individuals with expertise in

policy related to global change, particularly climate, and its linkages with resource systems and their use (e.g., water resources, biodiversity, or land resources). The ideal candidate should have broad knowledge of regional and international issues, and an interest in the law, economics, politics, and/or history related to the evolution and development of current policies and future solutions. The ability to utilize geospatial information technology as an analytical tool is desirable. Candidates are expected to have an active program of research and publication, ability to attract external funding, and evidence of commitment to excellence in teaching.

In the most recent Carnegie ranking, UMBC is listed as a Research University-High Research Activity. Research opportunities at UMBC include collaboration with colleagues in the Public Policy graduate program, one of the largest in the country; with the Baltimore Ecosystem Study (BES), an NSF-funded Urban Long-Term Ecological Research site headquartered at UMBC; the Joint Center for Earth Systems Technology (JCET) and Goddard Earth Sciences & Technology Center (GEST), both research consortia formed by UMBC and NASA-Goddard Space Flight Center; the Center for Urban Environmental Research and Education (CUERE), focused on the environmental, social and economic impacts of urban and suburban landscape transformation, and the U.S. Geological Survey Water Science Center for the MD-DE-DC region located at UMBC. In addition UMBC is a partner in the Chesapeake Watershed Cooperative Ecosystem Studies Unit (CESU), part of a national CESU network. The campus is located in close proximity to Washington D.C. and a broad array of federal, state, and local agencies as well as to other research institutions along the Washington-Baltimore-Philadelphia corridor. The Washington-Baltimore region has an extraordinary number of agencies and institutions whose focus is on the environment and environmental policy, both in national as well as international contexts. The Department recently launched its MS/PhD program and our faculty are active participants in UMBC's NSF-IGERT traineeship program, "Water in the Urban Environment." Interested candidates may visit the web site www.umbc.edu/ges for additional information.

Apply: please send curriculum vitae and cover letter describing research agenda and teaching interests, and have three letters of reference sent to: Dr. Jeffrey Halverson, at env_policy@umbc.edu. For those unable to submit electronically, please send applications to Department of Geography and Environmental Systems, UMBC, 1000 Hilltop Circle, Baltimore, Maryland 21250. Review of applications will begin on December 1,

2008 and will continue until the position is filled.

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

OCT 08-226

MARYLAND, COLLEGE PARK.

The University of Maryland (at College Park) Department of Geography invites applications for **three tenured or tenure-track faculty in human dimensions of global change**, rank commensurate with experience. These positions are expected to start on or about August 2009. Salary and benefits are highly competitive, based on qualifications and experience. A PhD degree in geography, or in a related area of the social sciences, is required.

We are seeking the most outstanding candidates with an existing track record of publications and success in research grant applications, appropriate to rank. The successful candidates are expected to establish productive research programs, appropriate to a research-intensive institution. Candidates are sought who will complement the Department's existing strengths in the physical dimensions of global change and should have demonstrable potential to further enhance the Department's national and international activities in the field of human systems.

Applications should include a personal statement of background and experience relevant to the position, including research, teaching and service activities, a signed, dated Curriculum Vitae, reprints of selected peer-reviewed publications, and names and addresses (including e-mail) of 3-5 referees. For best consideration applications are due no later than October 27, 2008 but the search will continue until suitable candidates are appointed.

Apply: Dr. Chris Justice, Chair, Search Committee, Department of Geography, 2181 LeFrak Hall, University of Maryland, College Park, Maryland 20742-8225.

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

Applications from women and minorities are particularly sought. The University of Maryland is an Equal Opportunity Affirmative Action Employer.

OCT 08-209

MASSACHUSETTS, CAMBRIDGE.

Environmental Fellows Program at Harvard University. Purpose: The Harvard University Center for the Environment created the **Environmental Fellows** program to enable recent doctorate recipients to use and

expand Harvard's extraordinary resources to tackle complex environmental problems. The Environmental Fellows will work for two years with Harvard faculty members in any school or department to create new knowledge while also strengthening connections across the University's academic disciplines. Environmental Fellows may include people with degrees in the sciences, social sciences, law, government, public policy, public health, medicine, design, and the full array of humanities. The award: The fellowship will provide an annual stipend of \$54,000 plus health insurance, a \$5,000 allowance for travel and professional expenses, and other employee benefits. Environmental Fellows will begin work in September 2009.

Apply: Applications and all letters of reference must be received by the Center for the Environment by 5 pm Eastern Standard Time, Thursday, January 15, 2009. The Center will announce the awards in April 2009. Complete details can be found at: www.environment.harvard.edu.

Harvard University is an affirmative action, equal opportunity employer.

OCT 08-231

*MICHIGAN, HOUGHTON.

Michigan Technological University invites applicants and nominations for the position of **Chair of the Social Sciences Department** at the rank of **Full Professor** to begin in August, 2009. Current Full or qualified Associate Professors may apply. The chair will fill a three-year renewable term, reporting to the Dean of the College of Sciences and Arts. Field of specialization is open to those disciplines that complement the research and teaching interests of the department. The foci of the department's research and graduate teaching are in archaeology, environment, heritage management, history, policy, and technology. We seek an individual with a strong record of scholarship with a commitment to research. The candidate will have demonstrated leadership and communication skills and experience in graduate education. Administrative, budgetary, and programmatic experience is desirable. The successful candidate values diversity and interdisciplinary teaching and research. Please consult the Department webpage for the full advertisement: www.social.mtu.edu.

Applicants should send a letter of interest describing their qualifications and experience/philosophy pertinent to leading an interdisciplinary social sciences department, vitae, and the names and contact information for three references. Review of the applications will begin October 15, 2008 and continue until the position is filled.

Apply: Social Sciences Chair Search Committee, Department of Social Sciences, Michigan Technological University, 1400

Townsend Drive, Houghton, MI 49931-1295.

Michigan Tech is an Equal Opportunity/Affirmative Action Educational Institution/Employer.

NOV 08-265-1

*MICHIGAN, MOUNT PLEASANT.

The Department of Geography, Central Michigan University invites applications for a tenure-track appointment at the level of **Assistant Professor** in the area of **Spatial Decision Making** to begin August, 2009. A PhD in Geography or a closely related field is required at the time of appointment.

Applicants should specialize in the theories and techniques for spatial decision making in such areas as landuse planning, transportation planning, location allocation, logistics, and market analysis. Candidates should have a strong background in computational and analytical methods with systematic education in one of the following fields: Urban Geography, Economic Geography, Political Geography, or Urban & Regional Planning. Candidates with a regional expertise in one of the following areas preferred: Middle East, South Asia, Europe, or Russia.

The successful candidate must have effective communication skills and a strong commitment to teaching and mentoring undergraduate and graduate students. Teaching responsibilities include introductory courses in Human Geography and advanced courses in the area of specialization. The candidate is expected to actively seek external funding and develop a viable research program. Additional responsibilities include department and university service. Screening will begin on November 15, 2008, and continue until the position is filled.

The Department offers a B.S. (major and minor) in Geography and M.S. in Geographic Information Sciences as well as Geography minors and majors for teacher education students. Computer and lab facilities are state-of-the-art. Additional potential research opportunities are available in CMU's GIS Center and the Central Michigan University Research Corporation. Classified by the Carnegie Foundation as a doctoral research university, CMU is recognized for strong undergraduate education and a range of focused graduate and research programs.

Apply: Send an application letter, curriculum vitae, copies of all transcripts, statement of teaching philosophy, statement of future research plans, and three letters of reference to: Dr. Bin Li, Chair, Department of Geography, Central Michigan University, Mount Pleasant, MI 48859. Further information is available at www.geo.cmich.edu.

CMU, an AA/EO institution, strongly and actively strives to increase diversity within its community (see <http://www.cmich.edu/>

aaeo/). Minorities and women are encouraged to apply.

NOV 08-320

*MICHIGAN, YPSILANTI.

The Department of Geography and Geology at Eastern Michigan University invites applications for a tenure-track faculty position at the **Assistant Professor** level in process-based **Geomorphology**, effective August 2009.

The candidate will be expected to: (1) conduct an active research program in process-based geomorphology, (2) be committed to excellence in teaching at both the graduate and undergraduate level, and (3) be able to contribute enthusiastically to both the intellectual and collegial life of the department. Instruction responsibilities include teaching upper-level undergraduate courses in Geomorphology and Glacial Geology, as well as introductory-level courses, developing and teaching a course for our new Master's degree program in Earth Science Education, and directing undergraduate research projects.

M.S. plus 18 hours required at the time of appointment but a PhD is preferred. Applicants should send a letter of application that includes a statement of qualifications and teaching and research interests, a detailed curriculum vitae that includes education, publications, and teaching experience, and the names, addresses, phone numbers, and e-mail addresses of at least three references familiar with your teaching and research potential.

Apply: Send applications or requests for further information electronically to: academic_hr@emich.edu. Please make sure to include Posting #F0925 in the subject line and send attachments only. Do not type in the body of the email.

The review of applications will begin January 5, 2009 and continue until the position is filled. Women and minorities are encouraged to apply. Eastern Michigan University is located between Detroit and Ann Arbor, Michigan, and is one of the largest producers of K-12 Earth Science teachers in the country. For additional information about the university see our website: www.emich.edu.

NOV 08-251

*MINNESOTA, MANKATO.

The Department of Geography at Minnesota State University, Mankato invites applications for a tenure-track **Assistant Professor** specializing in **GIS and Urban Geography**, beginning August 17, 2009. Required qualifications include: a graduate degree in geography; a PhD (ABD considered—PhD must be completed by August 16, 2010); demonstrated potential for excellence in teaching introductory through advanced GIS and Urban Geography; and the ability to bring diversity to the department, college, and university. Preference will be

given to individuals who can also teach one or more of the following: transportation geography, political geography, GPS mapping, or population geography.

MSU has a long-standing commitment to cultural diversity and is actively seeking to nurture and enrich its cultural, racial, and ethnic communities. It is expected that the successful candidate will share this commitment.

Review of applications begins on November 17, 2008. For complete position description and application procedure, see <http://www.mnsu.edu> (link to "Employment at MSU").

Apply: Please submit a letter of application, curriculum vitae with names and contact information of three references, official transcripts, teaching evaluations and examples of research to: Dr. Forrest Wilkerson, Search Committee Chair, Department of Geography, Minnesota State University, 7 Armstrong Hall, Mankato, MN 56001. More information: <http://sbs.mnsu.edu/geography/>.

NOV 08-261-1

*MISSOURI, WARRENSBURG.

The University of Central Missouri invites applications for a tenure-track, **Assistant or Associate professorship in Human Geography** starting August 2009. PhD preferred, ABD considered. Applicants must be able to teach world, cultural, urban geography and a regional course in the applicant's specialty, Europe/Africa preferred. An additional background in GIS, sustainability or transportation geography will be a plus. Scholarship and service are also required. Salary is commensurate with qualifications.

Apply: Submit application letter and curriculum vitae on-line to Office of Human Resources, University of Central Missouri: jobs@ucmo.edu. Send transcripts, evidence of teaching excellence, samples of scholarship, and the names of 3 references to Dr. Keshav Bhattarai, Department of Geography and Interdisciplinary Studies, Wood 8, University of Central Missouri, Warrensburg, MO 64093. Tel: 660-543-4048; Fax: 660-543-8006; E-mail: bhattarai@ucmo.edu. Review will begin December 1, 2008 and continue until filled.

The University of Central Missouri is an EEO/AA institution and welcomes applications that support its commitment to diversity.

NOV 08-293

*MONTANA, BOZEMAN.

The Department of Earth Sciences at Montana State University, Bozeman seeks an **Earth Scientist** whose interests focus on climatology, snow science and mountain systems science. The position is tenure-track, 1.0 FTE, 9-month Academic Year appointment at the **Assistant Professor** level,

starting August 16, 2009. Duties include teaching courses in physical geography, climatology, snow science, and mountain geography; maintaining a strong program of research and publication; and supervising masters and doctoral students. Full details on the required and preferred qualifications for the position and application procedures can be found at <http://www.montana.edu/msuinfo/jobs/faculty>. Screening of applications will begin on November 21, 2008 and will continue until a suitable candidate is selected. We encourage applications from members of underrepresented groups. Montana State University is an institution committed to cultural diversity.

NOV 08-250

*NEW HAMPSHIRE, KEENE.

The Department of Geography at Keene State College, New Hampshire's public liberal arts institution, invites applications for a full-time tenure-track position as **Assistant Professor**. We seek highly motivated and broadly trained candidates who are committed to outstanding undergraduate education in the context of a liberal arts college.

Teaching responsibilities include **Physical Geography** and advanced ArcGIS, based on ArcGIS Toolbox, as well as extensions (such as utilization of 3D Analyst or Spatial Analyst). Other upper level course responsibilities may include Cartographic Design and Analysis, Cartography and Surveying, and Environmental Remote Sensing. The ability to teach a regional or upper level physical course is also an asset. Course development will include growing responsibilities to integrate environmental management concepts into courses. Normal teaching load is three courses each semester. The ideal candidate will also: a) endeavor to reach out to the community via the GIS Lab as a platform for community involvement and interaction, b) seek external funding for GIS Lab expansion, and c) engage in a collaborative research agenda involving students. Faculty members also have the opportunity to teach courses in the college's Integrative Studies Program, a transformational general education approach. (Learn more about the Integrative Studies Program at: www.keene.edu/isp).

Qualifications: PhD in Geography or related field required; college teaching experience preferred. Salary at the rank of Assistant Professor will be based on Collective Bargaining Unit Agreement, and was at \$55,380 minimum in fall 2008.

Geography is a dynamic, growing department of five full-time faculty offering a BA, GIS certificate, and minor. The Department is dedicated to advancing environmental sustainability in its program offerings and is located in an award winning science center, with a GIS Lab, Federal Map Depository, and

is home to the NH Geographic Alliance. For information about the Geography Department and the School of Sciences and Social Sciences visit: www.keene.edu/programs/geog and: www.keene.edu/science.

Apply: please submit letter of application, curriculum vitae, names and contact information of three references to Geography Search Committee, FAC#43, via e-mail to: cgreene@keene.edu or mail to: Office of Human Resource Management, Keene State College, 229 Main Street, Keene, NH 03435-1604. Review of applications will begin immediately and continue until the position is filled.

Keene State College is a founding member of the Council of Public Liberal Arts Colleges, a national alliance of leading liberal arts colleges in the public sector. The College is accredited by NEASC and its education programs are NCATE-accredited with conditions. As an Affirmative Action/Equal Opportunity Employer, Keene State College is engaged in an effort to build a community that reflects the diversity of society.

NOV 08-288

NEW JERSEY, GLASSBORO.

Rowan University. Regional Geographer. The Rowan University Department of Geography and Anthropology invites applicants for an **Assistant Professor** tenure-track position to begin in September 2009. We seek a broadly educated **Human Geographer** with an expertise in Regional Geography who has a strong potential for excellence in teaching, scholarship and service. The successful candidate will teach a combination of courses in general education (e.g., Cultural Geography and World Regional Geography) and intermediate and upper division regional courses, along with courses in his or her topical specialization. Possible regional courses include: Europe, Latin America, Asia, Middle East and Africa. In addition to a strong commitment to teaching, we expect an active research agenda, which is encouraged by the university through travel support, internal grants and teaching load reduction. Applicants must have the PhD in hand by September 1, 2009.

Our department enjoys a friendly, collegial environment and significant University support in maintaining cutting-edge classroom and computer facilities. Beginning fall 2008, we are teaching most classes in two completely renovated smart classrooms, one of which is equipped with twenty-four computers.

Rowan University, with an enrollment of approximately 10,000 students, is a bachelors and masters level institution that values high quality teaching, scholarship and service. Our classes are small (20-30 students), and emphasize project-based, inquiry-based and interdisciplinary approaches to learning.

We are conveniently located less than an hour's drive from the Atlantic Ocean,

20 miles from Philadelphia, and midway between New York City and Washington, DC. The immediate surroundings of the University provide a variety of housing and recreational opportunities in urban settings, suburban settings and rural environments.

In 1992, Mr. Henry Rowan donated \$100 million to the then Glassboro State College. In the years since then University's endowment has grown to nearly \$200 million. During this time, we have enjoyed a dramatic increase in the quality of our facilities, our students and our faculty.

Apply: Dr. Richard Scott, Department of Geography and Anthropology, Rowan University, 201 Mullica Hill Road, Glassboro, NJ 08028. Telephone: (856) 256-4812. Applications must include: letter of interest, curriculum vita, graduate transcripts, teaching evaluations and other evidence of excellence in the classroom along with the names and contact information of three references. In your letter, please discuss philosophy and methods of teaching, anticipated scholarship program and anything else that you believe will make you an attractive candidate. Submit application by mail or by e-mail to scott@rowan.edu. Letters of recommendation must be furnished upon request. Review of applications begins immediately and continues until we fill the position.

For more information about Rowan University and the Department of Geography and Anthropology, please visit: www.rowan.edu or www.rowan.edu/colleges/las/departments/geography.

Rowan University is an Affirmative action/Equal Opportunity Employer. Women, minorities, veterans, and the handicapped are encouraged to apply. Filling of the position is contingent on funding.

OCT 08-229

*NEW JERSEY, NEW BRUNSWICK.

Rutgers University invites applications for a tenure-track **Assistant Professor** position in the Department of Geography, starting Fall 2009 (pending budgetary approval). We are searching for a **Physical Geographer** who specializes in hydrology and climate change, and whose research has a meso- to macro-scale landscape perspective.

The successful applicant will have the opportunity to make contributions to interdisciplinary endeavors at Rutgers that focus on climate variability and change associated with water resources, wetlands, and fluvial dynamics. There will be opportunities for interactions with other academic units, including the Center for Environmental Prediction, the NJ Water Resources Research Institute, the Institute of Marine and Coastal Sciences and the Center for Remote Sensing and Spatial Analysis. This individual will also participate in Rutgers' Climate and Environmental Change Initiative.

Applicants must hold a PhD in Geography or a closely related discipline upon appointment, and be able to demonstrate excellence in research and teaching.

Apply: Applications (cover letter; curriculum vitae; statement of research and teaching interests, philosophy, and experience; and contact information for three references) and inquiries should be addressed to: David A. Robinson, Chair, Department of Geography, and submitted electronically to geog@rci.rutgers.edu.

For more information about the department, visit our web site: <http://geography.rutgers.edu>. Review of applications will begin December 1, 2008, and continue until the position is filled.

Rutgers is an equal opportunity and affirmative action employer.

NOV 08-306

*NEW MEXICO, ALBUQUERQUE.

New Mexico, Albuquerque. **Chair, Tenured Associate or Full Professor**, Department of Geography, University of New Mexico, starting August 2009. The Chair will assume a leadership position in a vibrant department, which seeks to enhance its regional and national reputation. Minimum qualifications are a PhD in geography or related field and a current appointment as a Professor or advanced Associate Professor with tenure. Preferred qualifications are demonstrated excellence in teaching and research, demonstrated or potential administrative and leadership skills in an active department with a graduate program, and the ability to teach courses and mentor graduate students within the department's focus areas. Candidates with these qualifications who are capable of teaching upper-level courses in GISc will be given special consideration.

Founded in 1889, The University of New Mexico occupies 600 acres along old Route 66 in the heart of Albuquerque, a city of more than 700,000 people. As New Mexico's flagship university, UNM is committed to diversity and boasts a number of nationally recognized programs in multiple disciplines. UNM is the only institution in the country that has a Carnegie Very High Research Activity designation and a federal designation as a Hispanic-serving institution.

The department has recently expanded and revitalized. Four new faculty members have been added in the last two years, and the curriculum has been revised to reflect the department's emphasis on Environmental Management, Nature and Society, GISc, and the Southwest. Preferred fields of specialization include hazards, conservation, landscape ecology, natural resource management, sustainable systems, and environmental planning, but individuals specializing in other subfields are welcome to apply. Salary is commensurate with experience.

Apply: Applicants must submit a letter addressing interest in the position and relevant experience, a CV, and list of three references with contact information to: Jazmin Knight, Search Coordinator, Department of Geography, MSC01 1110, University of New Mexico, Albuquerque NM 87131 at (505) 277- 5041 or jkknight@unm.edu. Electronic (PDF) submissions are encouraged.

The University of New Mexico is an affirmative action/equal opportunity employer. For best consideration, applications should be submitted by January 15, 2009 and applications will continue to be reviewed until the position is filled. UNM's confidentiality policy (Recruitment and Hiring, Policy #3210) which includes information about public disclosure of documents submitted by applicants, is located at <http://www.unm.edu/~ubppm>. UNM is building a culturally diverse faculty and encourages applications from women and minority candidates.

NOV 08-269

*NEW MEXICO, LAS CRUCES.

GIS Specialist/Landscape Ecologist. New Mexico State University. The specialist will assist in development of land classification, modeling, and monitoring systems for rangelands. Specific duties include using satellite/aerial imagery and field data to map soils and vegetation, development of databases, monitoring design, and client training. Requires Bachelor's degree (Master's preferred) with experience in GIS, remote-sensed data processing, geodatabase development, and a basic understanding of soils, climate, geomorphology, and/or vegetation classification and mapping.

Apply: send letter of interest, resume/CV, unofficial transcripts, and contact information for 3 references to Dr. Brandon Bestelmeyer (bbestelm@nmsu.edu); see www.nmsu.edu/~personel/postings/professional/11533928.html for other details. Review of applications begins on October 10, 2008 until the position is filled.

NOV 08-278

*NEW YORK, HAMILTON.

The Environmental Studies Program at Colgate University invites applications for a tenure-stream position in **environmental justice**. The successful candidate will be appointed at either the **assistant or associate professor** level, depending on qualifications. A joint appointment with one of Colgate's departments or other interdisciplinary programs is likely. Colgate seeks an individual committed to scholarship and undergraduate teaching in environmental justice studies, defined broadly enough to include, for example, connections to the health sciences, ecology, water resources, sustainability, globalization, development, and conflict studies as well as philosophy; environ-

mental hazards; race, ethnicity, and gender studies; history; and the law. The five-course teaching load will include environmental justice courses and other courses in Colgate's Environmental Studies Program, in the university's interdisciplinary core curriculum, and, depending on the successful candidate's area of expertise, in a related department or in any of Colgate's interdisciplinary programs. Salary and benefits are highly competitive. Completion of PhD prior to or shortly after the date of hire is expected.

Colgate, located in central New York State, is a highly selective liberal arts college with approximately 2750 students. We welcome applications from candidates who bring diverse cultural, ethnic and national perspectives to their scholarship and teaching. Colgate is an EO/AA employer. Developing and sustaining a diverse faculty, student body, and staff further the University's educational mission. Women and members of historically under-represented groups are strongly encouraged to apply.

Apply: Please send a letter of interest, curriculum vitae, 3 letters of recommendation, evidence of teaching experience and effectiveness, and a sample of recent scholarship to Robert W. Turner, Environmental Studies Program Director, Colgate University, 13 Oak Drive, Hamilton, NY 13346; electronic submissions to rturner@mail.colgate.edu are encouraged. Review of completed applications will commence on November 17, 2008.

NOV 08-259-1

*NEW YORK, HAMILTON.

Colgate University. Full-time tenure-track joint-appointment in the Department of Geography and the interdisciplinary Program of Asian Studies at the Assistant Professor rank effective Fall 2009. PhD required, although a doctoral candidate could be appointed contingent upon completion of PhD by the time of appointment. We seek a geographer whose research and teaching focuses on Asia, and who is proficient in the teaching of GIS. The successful candidate should demonstrably integrate geographical analytical techniques in his/her own research on biophysical, nature-society, social, political, economic or other issues affecting Asia. S/he will be expected to contribute a global and/or trans-regional perspective to Colgate's interdisciplinary Asian Studies Program and contribute to existing Geography Department strengths in analytical skill development. The successful candidate can anticipate teaching geography courses that examine environmental and/or human phenomena in Asia, and will participate in a regular rotation in the teaching of introductory GIS and of interdisciplinary courses (introductory or capstone) in Asian Studies. In addition to Asian Studies, the successful candidate will participate in the Liberal Arts Core Cur-

riculum and may contribute to other vibrant all-university programs such as Environmental Studies, Women's Studies, or Peace and Conflict Studies, as well as off-campus study programs in various locations.

Colgate's Geography Department currently consists of seven full-time faculty. It is housed in the newly constructed Robert H. N. Ho Interdisciplinary Science Center whose facilities include well equipped GIS and visualization labs, both with lab technician support. The Asian Studies Program is one of the largest and longest-running of Colgate's interdisciplinary programs, embracing East, South, Southeast and West Asia. The diverse faculty in the program have expertise in art history, linguistics, literature, religion, history, sociology, anthropology, economics, political science, and geography. For additional information see the Geography Department and Asian Studies web pages (<http://departments.colgate.edu/geography>; <http://www.colgate.edu/DesktopDefault1.aspx?tabid=1552&pgID=3188>).

With 2,750 students and more than 250 faculty, Colgate combines the intimacy of a liberal arts college with the breadth and depth of a research university. It is a leading liberal arts university committed to maintaining an outstanding faculty in order to educate global citizens prepared to engage the challenges and opportunities of the 21st century. Salaries and benefits are very competitive, and research and travel funding opportunities are available to all Colgate faculty. Colgate University is an Equal Opportunity Affirmative Action Employer. Developing and maintaining a diverse faculty, student body, and staff further the University's academic mission. Women and minorities are encouraged to apply.

Send CV, email address, a detailed statement of professional experience as well as research and teaching interests, and at least three letters of recommendation. Review of completed applications will begin November 15, 2008.

Apply: Professor Maureen Hays-Mitchell, Search Committee Co-Chair, Department of Geography, Colgate University, 13 Oak Drive, Hamilton, NY 13346. Voice: 315-228-7534, Fax: 315-228-7726, E-mail: lrauscher@mail.colgate.edu.

NOV 08-260-1

*NEW YORK, HEMPSTEAD.

The Department of Global Studies & Geography at Hofstra University invites applications for a tenure-track Assistant Professor position in Human Geography with expertise in GIS to begin September 1, 2009. In addition to teaching undergraduate GIS courses, and expanding the Department's GIS offerings, the ability to teach a regional course on the Middle East/North Africa, South Asia, or Eastern Europe will be

considered an advantage, as will the ability to teach introductory courses in Cultural and/or Political Geography. The successful candidate will also have opportunities to teach in the Global Studies program. Evidence is required of a commitment to excellence in teaching and scholarship and the successful applicants must demonstrate an ability to obtain competitively based external funding.

It is expected that the candidate will have a PhD in geography or related discipline by the time the appointment begins. More information about the Department can be found on our website at: <http://hofstra.edu/Academics/Colleges/HCLAS/GEOG/index.html>.

Apply: to be considered, send a letter of interest, vita, statement of teaching and research interests, and the names and contact information for three references to: Dr. Jean-Paul Rodrigue, Chair of the Search Committee, Department of Global Studies and Geography, 209H Roosevelt Hall, 130 Hofstra University, Hempstead, New York, 11549.

Review of applications will begin November 24, 2008 and continue until the position is filled. Additional information about the position can be obtained by contacting Jean-Paul.Rodrigue@hofstra.edu.

Hofstra University is a private university located in Long Island, 20 miles east of Manhattan. The campus is accessible by public transit from anywhere in the New York/New Jersey metropolitan area. Hofstra University is an equal opportunity employer, committed to fostering diversity in its faculty, administrative staff and student body, and encourages applications from the entire spectrum of a diverse community.

NOV 08-312

*NORTH CAROLINA, BOONE.

Appalachian State University. The Department of Geography and Planning seeks applications for a GIScience Lab Supervisor. The range of duties will include: supervising departmental computer equipment and labs (system administration, network administration, SDE database development and maintenance), teaching one introductory geotechniques lab course (Geospatial Data and Technology) per semester, collaborating with faculty and students on research and service projects, and supervising student lab workers.

A master's degree in geography, planning, or related field is required (the candidate must have a minimum of 18 graduate credits in geography or planning). The position requires proven experience with GPS, ESRI's ArcGIS, and the Microsoft Office Suite with application to spatial data analysis. Experience with ESRI's ArcPad, ERDAS Imagine, Microsoft system/network administration, ArcSDE, and relational database develop-

ment with Oracle preferred. Starting salary range between \$38,000 and \$40,000 per year. Starting date is July 1, 2009.

Additional information about Appalachian State University, the Department, and this position can be found at our web site: www.geo.appstate.edu.

Applicants should send: a) a cover letter identifying professional interests and qualifications; b) detailed CV; c) photocopies of all transcripts; and d) names, addresses, and phone numbers of three references. Review of applications will begin January 12, 2009 and continue until the position is filled. No email applications will be accepted.

Apply: Dr. Christopher Badurek, Search Committee Chair, Department of Geography and Planning, Appalachian State University, Boone, NC 28608. Phone: 828-262-7054; badurekca@appstate.edu.

Appalachian State University is a member institution of The University of North Carolina System. Appalachian State University is a highly ranked comprehensive university located in the Blue Ridge of western North Carolina.

The university has a strong commitment to the principles of diversity and inclusion, and to maintaining working and learning environments that are free of all forms of discrimination. Appalachian State University is an Affirmative Action/Equal Opportunity Employer. Individuals with disabilities desiring accommodations in the application process should contact Christopher Badurek. Proper documentation of identity and employability will be required before the hiring process can be finalized.

NOV 08-257

*NORTH CAROLINA, BOONE.

Appalachian State University. The Community and Regional Planning Program in the Department of Geography and Planning invites applications for a full time tenure track position in **Planning** at the **Assistant Professor** level. A PhD from an accredited planning program is required; ABD is acceptable so long as the degree is obtained by the start date.

The successful candidate will demonstrate excellence in teaching and research. Preferred teaching and research interests include one or more of the following specializations: economic development, environmental planning, housing or community development. Teaching responsibilities include contributing to our core planning curriculum at the undergraduate level (introductory planning, land use regulations, planning techniques) in addition to the candidate's area of specialty. Candidates with planning practice experience are especially encouraged to apply, as well as those who are able to focus their research and outreach within western North Carolina. The successful

candidate is expected to participate in the department's off-campus graduate program.

Additional information about Appalachian State University, the Department, and this position can be found at our web site: <http://www.geo.appstate.edu>.

Starting date July 1, 2009. Applicants should send: a) a cover letter identifying professional interests and qualifications; b) detailed CV; c) photocopies of all transcripts; and d) names, addresses, and phone numbers of three references. Review of applications will begin January 12, 2009 and continue until the position is filled. No e-mail applications will be accepted.

Apply: Dr. Richard Crepeau, Search Committee Chair, Department of Geography and Planning, Appalachian State University, Boone NC 28608. Ph. 828-262-7052; crepeaurj@appstate.edu.

Appalachian State University is a member institution of The University of North Carolina System. Appalachian State University is a highly ranked comprehensive university located in the Blue Ridge of western North Carolina.

The university has a strong commitment to the principles of diversity and inclusion, and to maintaining working and learning environments that are free of all forms of discrimination. Appalachian State University is an Affirmative Action/Equal Opportunity Employer. Individuals with disabilities desiring accommodations in the application process should contact Richard Crepeau. Proper documentation of identity and employability will be required before the hiring process can be finalized.

NOV 08-258

*NORTH CAROLINA, CHAPEL HILL.

The Department of Geography at the University of North Carolina – Chapel Hill invites applications from outstanding scholars for a tenure-track faculty position at the **Assistant Professor** level in any aspect of **Climate and/or Environmental Change** at the Regional to Global Scale. Opportunities for collaboration exist across the university including the Institute for the Environment, the Southeastern Regional Climate Center (SRCC), and the Renaissance Environmental Computing Institute (RENCI). A PhD is required at the time of appointment, with an anticipated start date of July 1, 2009.

Apply: Qualified applicants should submit an application including their CV online at: <http://hr.unc.edu/jobseekers/> Search for positions listed in Geography. Additional application materials, including a letter of application, a statement of research and teaching interests and experience, article reprints, and the names and contact information for three references may be uploaded at the above website or sent to: Barbara Taylor Davis, Administrative Manager, Depart-

ment of Geography, UNC-Chapel Hill, CB #3220, Saunders Hall, Chapel Hill NC 27599-3220.

For additional information on the position, contact Martin Doyle, Search Committee Chair, mwdoyle@email.unc.edu (email); 919-962-3876 (voice). Review of applicants will begin December 1, 2008 and will continue until the position is filled.

University of North Carolina at Chapel Hill is an Equal Opportunity Employer. Women and minorities are encouraged to apply.

NOV 08-270

*NORTH CAROLINA, CHARLOTTE.

Chair, the Department of Geography and Earth Sciences, University of North Carolina at Charlotte, effective July 1, 2009. **12-month appointment.** Required qualifications: 1) a doctoral degree in a field relevant to the five thematic areas framing the department's research, teaching and outreach mission; 2) a distinguished record of scholarship and teaching, appropriate for appointment as a full professor; 3) demonstrated ability to provide transformational leadership for a productive and innovative department. www.geoeath.uncc.edu. Desired qualifications: previous administrative experience, a record of securing external funding. A full description of the position and application details can be found at <http://jobs.uncc.edu>. Screening of applications begins Nov. 1, 2008. For more information, contact Dr. Brian Etherton, at 704-687-5984, betherto@uncc.edu, Dr. Ross Meentemeyer, at 704-687-5944, rkmeente@uncc.edu, or view www.geoeath.uncc.edu. AA/EOE.

NOV 08-262

*NORTH CAROLINA, GREENVILLE.

The Department of Geography at East Carolina University seeks to fill the position of **Professor and Chair** beginning on or before August 1, 2009. The Department has 22 faculty members and offers BA, BS, and MA degrees in Geography, Applied Geography, and Urban and Regional Planning. We anticipate offering new degree programs in Applied Atmospheric Science and Geographic Information Science and Technology beginning Fall 2009. The department offers a collegial and supportive work environment for faculty with varied interests and research agendas. Members of the faculty have a wide range of specialties in human geography, physical geography, GIScience, and planning (www.ecu.edu/geog). In a continuing effort to enrich its academic environment and provide equal educational and employment opportunities, the department actively encourages applications from members of all groups underrepresented in higher educa-

tion. Qualifications for the position include a Ph.D. in Geography, a distinguished record of research, and a demonstrated commitment to excellence in teaching and service. Administrative experience is desired. Screening will begin December 1, 2008 and applications will be accepted until the position is filled.

Apply: complete a candidate profile and submit a letter of application, a statement of administrative experience and philosophy, a description of research agenda, and curriculum vitae online at www.jobs.ecu.edu. Also, arrange for three letters of reference to be sent (hard copy) directly to: Dr. Kathleen A. Lawler Row, Geography Chair Search, 104 Rawl Building, East Carolina University, Greenville NC 27858. For questions, contact Dr. Row at rowk@ecu.edu or 252-328-6800. EEO/AA employer.

NOV 08-237

*NORTH CAROLINA, PEMBROKE.

The University of North Carolina at Pembroke, invites applications for a tenure-track Assistant Professor position in geography beginning August 15, 2009. We seek a broadly trained **Human Geographer** with expertise in **Geographic Information Systems**.

Qualifications include an earned doctorate in geography by the time of appointment, willingness to work collaboratively in a small department, and strong commitment to undergraduate teaching and research. Teaching duties will include general geography courses such as World Regional Geography as well as upper level classes in regional geography, methods, and the area of specialty. Interest in a regional or topical specialty such as Geography of Native Americans is desirable. Visit our website at www.uncp.edu to find out more about UNCP and the Department of Geology & Geography.

Applicants must submit letter of application (explaining your interest in our position/providing information relating to teaching experience and suitability for the position), statement of research interests, a curriculum vita, unofficial transcripts, and contact information for three references. Letters of reference will be solicited for short-listed candidates.

Apply: Applications must be made using UNC Pembroke's online faculty employment system at <https://jobs.uncp.edu>.

Review of applications will begin on November 15, 2008 and will continue until the position is filled. Inquiries about the position can be directed to Dr. Dennis Edgell, Search Committee Chair (910-521-6479; dennis.edgell@uncp.edu).

The University of North Carolina at Pembroke is an EEO/AA employer.

NOV 08-256

OHIO, ATHENS.

Ohio University. The Department of Geography invites applications for a full-time tenure-track position in **Meteorology** at the rank of **Assistant Professor** effective September 2009. We seek an energetic faculty member committed to excellent teaching and dedicated to research with the skills needed to secure external funding. We are seeking a physical geographer with a solid research agenda in atmospheric science and a commitment to quality teaching to take a leadership role in mentoring undergraduate students majoring in geography-meteorology and geography master's students focusing on atmospheric science. PhD in Geography is preferred, but applications from those in allied fields such as Meteorology and Climatology will also be considered.

Ohio University is a four-year public institution of approximately 20,000 students located in Athens, a progressive community situated in the rolling hills of southeastern Ohio. The Department of Geography currently has 12 full-time faculty members, 155 undergraduate majors and 23 master's students, and offers a range of degree programs including environmental geography, GISc, urban planning, environmental pre-law, and meteorology. The meteorology program currently has 40 undergraduate majors. The department enjoys excellent teaching, research, IT, and administrative support for its activities. The Scalia Laboratory for Atmospheric Analysis supports teaching and research in meteorology, climatology, and forecasting.

The completed online application must include a letter of application, curriculum vitae, evidence of research and teaching experience, and the names and contact information for three professional references. For more information please visit us online at www.ohio.edu/geography. Ohio University is an affirmative action/equal opportunity employer that strives to enhance its ability to develop a diverse faculty and we seek a candidate with a commitment to working effectively with students, faculty, and staff from diverse backgrounds. Applications from women and persons from traditionally under-represented groups are encouraged. For full consideration please apply by December 15, 2008.

Apply online at www.ohiouiversityjobs.com/applicants/Central?quickFind=54691. Questions may be directed to: Dr Timothy G. Anderson, Chair, Department of Geography, Ohio University, Athens, OH 45701-2979. Voice: 740-593-1138. Fax: 740-593-1139. E-mail: anderst1@ohio.edu.

SEP 08-182-4

OHIO, CINCINNATI.

University of Cincinnati. The Department of Geography invites applicants for a Geo-

graphic Information Sciences position at the rank of **Full Professor or Associate Professor** starting January to September, 2009. This position is part of a new interdisciplinary cluster in Geographical Information Networks (GINs), which also includes the departments of Biology, Chemistry and Geology. The hire will lead the GINs cluster and will play a major role in recruiting three junior hires for the cluster in the areas of natural hazards and sensor and sensing technology. The cluster will initially focus on the development of GINs infrastructure to support real-time monitoring and analysis of physical and biological hazards in urban, rural and arctic watersheds.

The hire will be expected to direct this research initiative and lead the effort in garnering significant external interdisciplinary research support. Applicants must demonstrate evidence of high-quality publications, continuous external funding and the ability to lead an interdisciplinary team. A strong background in computer science is desirable. The successful candidate will be expected to teach GIScience and physical-environmental geography courses at both the undergraduate and the graduate level. Salary is highly competitive and commensurate with experience.

The Cincinnati metropolitan area is located along the Ohio River and amid rolling hills in Southwest Ohio, Northern Kentucky and Southeast Indiana. The University of Cincinnati is classified as a university with "very high research activity" by the Carnegie Commission and ranked by the National Science Foundation as one of America's top 25 public universities for federal research expenditures. The Department of Geography, established in 1907, is one of oldest geography programs in the nation.

The Department offers undergraduate and graduate degrees (M.A., and PhD) in three focused areas: Environmental-Physical Geography, GIScience, and Urban-Economic Geography. The Department has two State-of-the-Art GIS/Remote Sensing teaching/research computer labs, with a total of 42 computers and two servers and the latest in GIS and remote sensing software. As the recipient of nearly \$2 million in grants from NSF last year, the department is highly productive in funded research and other scholarly activities. The Department has active collaborations with Computer Science, Geology, Biology, Civil and Environmental Engineering, Environmental Studies, and other units.

Apply: Instructions on how to apply online will be posted at www.geography.uc.edu/~linliu/gins.html. Evaluation of applications will begin November 1, 2008, and the search will remain open until the position is filled.

The University of Cincinnati is an Equal Opportunity/Affirmative Action Institution. Women and minorities are encouraged to apply. Further information about the Department is available at www.geography.uc.edu, or by contacting Lin.Liu@UC.EDU. OCT 08-205

*OHIO, COLUMBUS.

The Ohio State University seeks applicants for the position of **Director of the Center for Urban and Regional Analysis (CURA)**. This is a tenured position, with the Director spending approximately 50% of her or his time directing activities of CURA and the remainder as a faculty member in an academic unit. The tenure home is open, depending on the applicant's areas of research and teaching. Candidates for this position should have a record of excellence in scholarship in urban and regional issues. Applicants from various disciplines, including the social sciences, humanities, architecture and planning, and public policy among others, are encouraged.

CURA is an interdisciplinary center with the primary mission of facilitating research on urban and regional issues. The staff includes an associate director, data manager, program assistant, and graduate research associate. The Center encourages and enhances faculty research, in part, through grant support and data access. The Center has financially assisted the research programs of faculty from 24 different departments through its seed grant program. Other CURA activities include organizing and facilitating conferences, seminars and roundtables. An additional set of activities includes involvement in selected scholarly based outreach activities for the community, state, and nation.

The Director is expected to lead the growth and shape expansion of this multidisciplinary Center, continue an active personal research program, and participate in the academic life of the tenuring department. A particularly important activity of the Director is attracting external grant support for Center activities. The Director also heads the university's participation in Ohio's Urban University Program. Additional detailed description of the Center can be found at cura.osu.edu.

Applications should be sent to the search committee chair. Applicants should submit to the address below a curriculum vitae, the names of three references, and a cover letter describing the applicant's interest in and qualifications for the position, including administrative experience and examples of leadership of multi-disciplinary efforts. Candidates from underrepresented groups are especially urged to apply. For full consideration, applications should be received by December 8, 2008; however, review of applications will continue until the position is filled.

Apply to: Donald Haurin, Chair, CURA Search Committee, 1010 Derby Hall, 154 N. Oval Mall, Columbus, OH 43210. Voice 614-292-6809. Email: haurin.2@osu.edu.

The Ohio State University is an EEO/AA Employer. Women, minorities, veterans, and individuals with disabilities are encouraged to apply.

NOV 08-249

*OHIO, KENT.

The Department of Geography at Kent State University invites applications for an **Assistant Professor in Geospatial Technology**. This position is expected to begin in August 2009. We are interested in candidates who have the potential to establish a strong research and teaching program that applies Geospatial Technology to their specialty areas. We are particularly interested in any area of **Medical/Health Geography** and **Natural /Anthropogenic Hazards**. The successful candidate must have a PhD in Geography or closely related field at the time of appointment. A record of publication and external research funding is an asset. The successful candidate will be expected to teach undergraduate and graduate classes, advise M.A. and PhD students, and develop a strong, externally funded research program.

The Department of Geography at Kent State University focuses on the diverse, yet overlapping fields of Geospatial Technology, Extreme Environments, Geopolitics and Global Studies, and Urban Studies. Our three high-tech computer labs can accommodate over seventy students. Other facilities include a physical geography lab, research labs, and state-of-the-art field equipment. We actively promote collaborations across disciplines within and outside the university demonstrated by several cross-departmental, cross-college, and cross-campus projects and affiliations.

Applicants must complete an academic data form and apply to the posting on line at: <http://jobs.kent.edu>. As well, please mail the following to the Chair of the Search Committee, Mandy Munro-Stasiuk (mmunrost@kent.edu): a detailed statement of research experience and interests; an up-to-date curriculum vita; evidence of teaching experience; and letters from three references. Applicants are encouraged to visit the KSU website to learn more about Kent State University and the Geography program (<http://www.kent.edu> and <http://dept.kent.edu/geography>).

Review of applications will begin November 7 and continue until the position is filled.

Kent State University is an Equal Opportunity, Affirmative Action Employer. Women and minorities are encouraged to apply.

NOV 08-291

*OHIO, OXFORD.

Miami University. **Asian/Asian American Studies: Tenure-Track Assistant Professor** (up to three positions) to teach, maintain active research agenda and provide service to the institution in a developing Asian/Asian American Studies Program with a joint appointment in one of the following departments: Comparative Religion, English, Geography, History, Philosophy, Political Science, Psychology, Sociology & Gerontology. Require: PhD by date of appointment.

Apply: Send letter of application; dossier with at least three letters of reference; writing sample; evidence of teaching effectiveness; statement of teaching philosophy; and description of research program to Keith Tuma, Associate Dean, College of Arts and Science, 143 Upham Hall, Miami University, Oxford, Ohio 45056.

Screening of applications begins November 10, 2008 and will continue until the position is filled. Miami is an EOE/AA employer with smoke-free campuses. The university offers an excellent benefits package. Visit www.muohio.edu/benefits for details. The campus crime and safety report can be found at www.muohio.edu/right-toknow; hard copy upon request.

NOV 08-279-1

PENNSYLVANIA, ALTOONA.

Assistant Professor of Geoscience. The Pennsylvania State University, Altoona College invites applicants for a tenure-track faculty position in Geosciences. Preference will be given to applicants in hydrology, groundwater, or related environmental areas (such as climatology, geochemistry, hydrogeology, environmental geophysics). Candidates should also demonstrate familiarity with geo-visualization and remote sensing techniques. Teaching responsibilities include introductory courses in earth sciences and upper-level courses in areas of expertise. The successful candidate should be dedicated to undergraduate teaching and research (particularly on practical geo-environmental process problems/issues) and be committed to supporting our undergraduate B.A. program in Environmental Studies.

Located in the beautiful Allegheny Mountains of central Pennsylvania, Penn State Altoona is a largely residential campus of 4,000 students offering 19 baccalaureate degree programs and the first two years of 180 Penn State baccalaureate degrees. Degree offerings at Penn State Altoona will continue to expand. Only 40 miles from the University Park campus, Altoona College offers the advantages of small college teaching with the readily available resources of a major research university.

The position requires a PhD in one of the Geosciences or related field, and is a tenure-track appointment at the level of assistant

professor or a rank commensurate with qualifications beginning in Fall 2009. Applicants should present a record of evidence and potential effectiveness in teaching, research, and service. Candidates should have a strong commitment to undergraduate education, research, student recruitment and retention, and curricular development and assessment. Penn State Altoona offers a competitive salary and an attractive benefits package.

Applicants should send a letter of application establishing their qualifications; a current vita; a description of teaching philosophy and evidence of teaching effectiveness; a statement of research interests; transcripts (official transcripts required at the time of an interview); and three letters of reference.

Apply: Applicants are strongly encouraged to submit their applications and accompanying materials electronically to mnsdiv@psu.edu in Word or PDF formats. Review of applications will begin the week of November 3, 2008 and continue until the position is filled. Non-electronic inquiries, applications, and additional materials should be sent to: Chair Search Committee for Geosciences, Job # A-28539, 3000 IvySide Park, Altoona, PA 16601-3760.

For additional information about Penn State Altoona, please visit our web page at www.altoona.psu.edu.

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

OCT 08-219

PENNSYLVANIA, CALIFORNIA.

Position Announcement, California University of Pennsylvania, a proud member of the Pennsylvania State System of Higher Education, College of Science and Technology. Position: **Meteorology**. Concentration in earth sciences with an emphasis on numerical modeling and/or computer programming. Undergraduate teaching experience is an asset. Rank and Salary: This is a tenure-track faculty appointment. Salary is competitive and commensurate with academic preparation and experience. An excellent fringe benefits package is included.

Application: To be considered, applicants must submit in hard copy all of the following: Letter of application highlighting the applicants' qualifications in teaching, research, and service; A full curriculum vita; Official transcripts from all colleges and universities attended (unofficial transcripts are acceptable for review purposes); Names, addresses, phone numbers, and e-mail addresses of three professional references that have current knowledge of the applicants' abilities in teaching, research, and service. Please submit via regular mail (please no email or faxed applications). Veterans should forward a copy of form DD214 to the Office of

Social Equity, 250 University Ave, Box 9, California, Pennsylvania 15419. Application Deadline: November 21, 2008.

Apply: Send complete application except DD214 (if veteran) to: Dr. Chad Kauffman, Chair, Search Committee, Department of Earth Sciences, 250 University Avenue, Box 55, California University of Pennsylvania, California, PA 15419. Phone: 724-938-5760; Fax: 724-938-5780. Email: kauffman@cup.edu. Website: www.cup.edu/employment.

Integrity, Civility, and Responsibility are the official core values of California University of Pennsylvania, an affirmative action/equal opportunity employer. Women, minorities, veterans and the physically challenged are encouraged to apply.

OCT 08-232

PENNSYLVANIA, CALIFORNIA.

California University of Pennsylvania, a proud member of the Pennsylvania State System of Higher Education. College of Science and Technology. Tourism Studies Specialization in **tourism geography** with an emphasis on tourism planning and development. Online teaching experience is an asset. Rank and Salary: This is a tenure track faculty appointment. Salary is competitive and commensurate with academic preparation and experience. An excellent fringe benefits package is included. Application: In order to be a leading candidate in this search, in addition to the aforementioned requirements, the candidate minimally must be fluent in the English language, be able to communicate well, demonstrate outstanding potential for excellence in teaching through a successful interview and/or classroom demonstration and be experienced in the use of innovative curricular approaches that are student-centered, inquiry-based and hands-on-oriented.

To be considered, applicants must submit hardcopy all of the following before an on-campus interview is granted: full curriculum vitae; official transcripts from all colleges and universities attended (unofficial transcripts are acceptable for review purposes); letter of application highlighting the applicant's qualifications and teaching interests; names, addresses, phone numbers, and e-mail addresses of three professional references who have current knowledge of the applicant's abilities. Veterans should forward a copy of form DD 214 to the Office of Social Equity, 250 University Ave, Box 9, California, PA 15419. Application Deadline November 21, 2008.

Apply: Send complete application except DD214 (if veteran) to: Dr. Susan Ryan, Chair, Search Committee, Department of Earth Sciences, 250 University Avenue, Box 55, California University of Pennsylvania, California, PA 15419. Phone: 724-938-4531. Fax: 724-938-5780. Email: ryan@cup.edu.

Integrity, Civility, and Responsibility are the official core values of California University of Pennsylvania, an affirmative action/equal opportunity employer. Women, minorities, veterans and the physically challenged are encouraged to apply.

OCT 08-210

PENNSYLVANIA, PHILADELPHIA.

Temple University. The Department of Geography and Urban Studies invites applications for a tenure-track position at the rank of **Assistant Professor in Environmental Sustainability** beginning in August 2009. Candidates should have interests in environmental policy, policy analysis, quantitative analysis of metropolitan environmental issues, sustainable development, natural resource management, land use policy for sustainable metropolitan development (including hazard mitigation), environmental economics, and/or resource conservation at local, regional, national, and/or international scales. PhD required at time of appointment.

Our department's programs are built around the central themes of globalization, sustainability, and social justice, supported by an emphasis on spatial analytical techniques. We offer undergraduate interdisciplinary degrees in Environmental Studies and Geography/Urban Studies, a Masters in Geography and Urban Studies, and a PhD in Urban Studies. The PhD program commences in Fall 2009 and the candidate will be expected to have a significant role in building its sustainability theme. Temple University provides ample opportunity for interdisciplinary and collaborative research in environmental sustainability. Review of completed applications begins November 1, 2008 and continues until the position is filled.

Apply: Please forward a letter of application with research and teaching statements, CV, copies of selected reprints (maximum three), and full contact information for three referees to: Dr. Robert Mason, Search Committee Chair, Department of Geography & Urban Studies, Temple University, 309 Gladfelter Hall, 1115 W. Berks Street, Philadelphia, PA 19122. Electronic applications strongly preferred.

For further information visit www.temple.edu/gus or e-mail Dr. Mason at rmason@temple.edu.

Temple University is an equal opportunity, equal access, affirmative action employer, committed to achieving a diverse community.

OCT 08-222

PENNSYLVANIA, UNIVERSITY PARK.

Tenure track faculty position at **open rank** (Full, Associate, or Assistant Professor) specializing in geographic information science (GIScience). We are interested in

candidates who will strengthen the Department of Geography's research and teaching program and help build strong connections to other relevant science communities. GIScience research in the Department is coordinated through the GeoVISTA Center (www.geovista.psu.edu), an interdisciplinary GIScience unit based in Geography involving five associated departmental faculty and nine faculty from departments across the University Park campus. Candidates with research expertise in any area of GIScience will be considered. Excellence in teaching, research, and service is expected, as is an established record of extramural funding. A willingness to participate in the online Masters of Geographic Information Systems (MGIS) graduate degree program is advantageous (<http://gis.e-education.psu.edu>).

Applicants should submit, in digital form: 1) a letter describing how they would contribute to the Department's teaching and research program; 2) a complete curriculum vitae; 3) a maximum of five reprints; and 4) the names and addresses (including e-mail and fax) of three to five referees. Review of applications will begin November 5, 2008, but applications will be accepted until the position is filled. Applications from women and underrepresented groups are encouraged. PhD must be in-hand at time of application.

Apply: Dr. Alan M. MacEachren, Chair, Search Committee, Department of Geography, The Pennsylvania State University, 302 Walker Building, University Park, PA 16802. Phone: (814) 865-3433; Fax: (814) 863-7943; E-mail: maceachren@psu.edu.

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

OCT 08-211

*PENNSYLVANIA, WEST CHESTER.

Join a vibrant campus community whose excellence is reflected in its diversity and student success. West Chester University, Department of Geography and Planning, seeks an **Assistant Professor**, full-time, tenure-track position, starting Fall of 2009. PhD in Geography preferred; ABD considered. PhD in related field considered. The department is seeking a candidate with qualifications to teach undergraduate and graduate courses in **Business Geographics, and Business Applications of GIS**. The successful candidate is expected to teach introductory geography courses; to teach courses in Business Geographics, which is focused on using GIS technology as an analytical tool to improve business' decision-making; and to teach Business Applications of GIS, which is focused on the intensive use of GIS in the business environment to aid in business-problem-solving. The successful candidate will also direct student projects and theses, and mentor students.

The normal teaching load is 12 credit hours per semester. Candidates should have a high level of expertise with business GIS software (ArcGIS 9.x, ArcGIS Business Analyst 9.2©, MapInfo Professional v9.0©). Preference will be given to the candidate with demonstrated teaching and research experience and experience in leading undergraduate and graduate research, and potential for initiating GIS-based projects with public and private agencies.

West Chester University places great emphasis on both excellence in teaching and sustained scholarship. Located in Chester County, Pennsylvania's leading residential environment by all measures of economic growth and education, West Chester University enjoys easy access by auto or train to Philadelphia and all major cities on the east coast. Review of applicants will begin January 1, and continue until the position is filled. Finalists must successfully complete interview and/or teaching demonstration.

Apply: Applicants should send a letter of application, vitae, and names of three referees, to: Dr. James P. Lewandowski, Department of Geography and Planning, West Chester University, West Chester, PA 19383. Voice 610-436-2343. Fax 610-436-2889. Internet: jlewando@wcupa.edu.

Developing and sustaining a diverse faculty and staff advances WCU's educational mission and strategic Plan for Excellence. West Chester University is an Affirmative Action – Equal Opportunity Employer. Women and Minorities are encouraged to apply.

NOV 08-266

*SOUTH CAROLINA, CONWAY.

Assistant Professor of Geography. The Department of Politics and Geography at Coastal Carolina University is accepting applications for a tenure-track position at the rank of **Assistant Professor** to begin August 16, 2009. Successful candidate must be able to teach **regional geography**, as well as courses to support the development of Geographic Information Systems (GIS) courses. Candidates are required to have a PhD in Geography or relevant field by time of appointment.

Coastal Carolina University is a public mid-sized, comprehensive liberal arts-oriented institution. Coastal Carolina University is located in Conway, South Carolina, just nine miles from the Atlantic coastal resort Myrtle Beach, one of the fastest-growing metropolitan areas in the nation. It has an enrollment of 8,400 students and is expected to have continued growth for the next several years. Coastal Carolina University is a part of the South Carolina system of public education and has close ties with its founder, the Horry County Higher Education Commission.

Apply: please submit a letter of application, curriculum vitae, and the contact information for three references electronically at: <http://jobs.coastal.edu>. Also submit copies of transcripts, teaching evaluations if available, and three letters of reference directly to Professor Alan Little, Search Committee Chair, Department of Politics and Geography, Coastal Carolina University, P.O. Box 261954, Conway SC, 29528-6054. Review of applications will begin October 15, 2008 and continue until position filled.

For additional information please contact Professor Little at alittle@coastal.edu or (843) 349-2785, or Dr. Ken Rogers, Chair of the Department of Politics and Geography at kr Rogers@coastal.edu or (843) 349-6507.

Coastal Carolina University is building a diverse faculty and encourages applications from women and underrepresented minorities. Coastal Carolina University is an EO/AA employer.

NOV 08-244

*SOUTH CAROLINA, GREENVILLE.

Tenure-Track Position in Sustainability Science. The department of Earth and Environmental Sciences at Furman University invites applications for a tenure-track position at the **Assistant Professor** rank in the field of **Sustainability Science**. Candidates must be committed to excellence in undergraduate teaching and engaging undergraduates in an active research program. The successful candidate will have a PhD in a field within the earth system sciences that focuses on issues of sustainability. The candidate will be responsible for teaching an introductory course in sustainability science as well as advanced undergraduate courses in the candidate's specialty. Furman University is a small, selective private liberal arts college located in a rapidly urbanizing region.

For more details on the position and how to apply, see <http://ees.furman.edu>. Furman University is an equal opportunity employer and encourages applications from minorities and women.

NOV 08-253

*SOUTH DAKOTA, BROOKINGS.

The South Dakota State University Geographic Information Science Center of Excellence is accepting applications for a **postdoctoral researcher** to participate in a NIH-funded study applying remote sensing and spatial statistics for risk assessment and monitoring of mosquito-borne diseases in the United States and Ethiopia. Responsibilities include processing satellite imagery, analyzing relationships between environmental variability and spatial and disease patterns, and disseminating the resulting information for disease prevention efforts. A PhD in environmental science, epidemiol-

ogy, geography, ecology, or a related field is required along with appropriate experience.

Apply: Full details on the position and application instructions can be found at <http://globalmonitoring.sdstate.edu/opportunities.php>. For more information, contact Dr. Michael Wimberly at michael.wimberly@sdstate.edu.

NOV 08-287

*SOUTH DAKOTA, BROOKINGS.

The South Dakota State University Geographic Information Science Center of Excellence is accepting applications for a **Post-Doctoral Researcher**. Looking for a motivated researcher with expertise in the characterization of land cover and land cover change using remotely sensed data sets. Project objectives include the pre-processing and operational near-real time mapping of Landsat data for the United States. Principal duties include: 1) developing and applying operational land cover and land use change mapping methodologies using multi-resolution data sources (MODIS, Landsat, Quickbird) 2) composing and publishing results syntheses in peer-reviewed journals. Earned PhD degree in appropriate field with two years of experience in GIS/Remote Sensing is required. Knowledge of image processing and statistical packages, including decision/regression tree algorithms, is required. Ability to script in Perl, C, and other like languages is required. Applications for the position will be reviewed until the position is filled.

Apply: Send CV with three reference contacts to Dr. Matthew Hansen, via email (Matthew.Hansen@sdstate.edu), or post (GIScCE, SDSU, Box 506B Wecota Hall, Brookings, SD, 57007).

SDSU is an AA/EEO employer.

NOV 08-241

*SOUTH DAKOTA, BROOKINGS.

The Department of Geography at South Dakota State University invites applications for the position of **Department Head**. This is a 12-month administrative appointment with faculty rank. The successful candidate will have a clear vision of the role that a Geography department plays in today's global environment. The candidate will provide innovative leadership in moving the department towards excellence in teaching, research/scholarship, and service. The Department of Geography offers both bachelors and masters degrees, and participates in support of a PhD in Geospatial Science and Engineering. Responsibilities include directing the administrative and academic operation of the department, providing leadership across disciplinary lines, supervising clerical staff, and managing departmental budget. The Head is also expected to teach one to two undergraduate/graduate courses per semester.

Minimum qualifications are a PhD in geography or related field and a minimum of five years of teaching in higher education. Applicants must demonstrate a strong record of leadership in higher education and must also demonstrate knowledge of current standards and national issues in the field of geography. Application deadline is December 1, 2008.

Apply: For a complete position description and to apply, visit <https://yourfuture.sdbor.edu>, search by the position title, view the job announcement and click on "apply for this posting."

For inquiries regarding the application process, please contact Human Resources at 605-688-4128. For questions on the position, contact Dean Jerry Jorgensen at (605) 688-4723 or Jerry.Jorgensen@sdstate.edu.

SDSU is an AA/EEO employer.

NOV 08-281-1

*TENNESSEE, KNOXVILLE

The University of Tennessee Department of Geography invites applications for a 9-month, tenure-track position at the **Assistant Professor** level beginning in August 2009. We seek a new faculty member in **Physical Geography and spatial analysis** whose research complements and enhances existing departmental strengths.

The applicant is expected to sustain an active, funded research program in spatial analysis and physical geography. Teaching duties will include undergraduate and graduate courses in physical geography and spatial analysis. PhD in geography or closely allied field required at time of appointment. Our department is characterized by many shared interests, excellent facilities, and collaborative ties to Oak Ridge National Laboratory. It provides a supportive environment for students and faculty. For information about the department, see <http://web.utk.edu/~utkgeog>.

Apply: Dr. Carol P. Harden, Search Committee Chair, Department of Geography, 304 Burchfiel Geography Building, University of Tennessee, Knoxville, TN 37996-0925.

Applications should include a curriculum vitae and a cover letter highlighting the applicant's qualifications for the position. Applicants should also have three referees send supporting letters to the search committee chair. Review of applications will begin December 1, 2008 and will continue until the position is filled. The University of Tennessee is an EEO/AA/Title VI/Section 504/ADA/ADEA institution in the provision of its education and employment programs and services. All qualified applicants will receive equal consideration for employment without regard to race, color, national origin, religion, sex, pregnancy, marital status, sexual orientation, age, physical or mental disability, or covered veteran status.

NOV 08-264

*TENNESSEE, MEMPHIS.

The University of Memphis invites applications for a tenure-track **Assistant Professor** position in the Department of Earth Sciences (DES) beginning in Fall 2009. PhD is preferred, but ABD candidates will be considered for this position.

The ideal candidate will have the ability and interest to teach and conduct research in at least one of the following areas: Environmental Conservation, Natural Resource Management, and Sustainability. The successful candidate will join a growing, vibrant faculty who are engaged in national and international interdisciplinary research and who offer Baccalaureate, Master's and PhD degrees, and will share in the future development of Geography at this urban university. Visit our website at <http://cas.memphis.edu/DES/>. Review of applications will begin November 17, 2008, and may continue until the position is filled.

Apply electronically by visiting <https://workforum.memphis.edu>. Please note that only electronic submissions will be accepted.

If you have questions, please contact Dr. Esra Ozdenrol, Search Committee Chair, Department of Earth Sciences-Geography, 001 Johnson Hall, University of Memphis, Memphis, TN 38152; Phone: 901-678-2787; Email eozenr1@memphis.edu.

The University of Memphis is an Equal Opportunity/Affirmative Action/ Title VI/ Title IX/Section 504/ADA/ADEA employer that strives to increase its ability to serve a diverse student population by enhancing its diverse faculty and staff.

NOV 08-271

TEXAS, AUSTIN.

The University of Texas at Austin. The Department of Geography and the Environment invites applications for a tenure-track **Assistant Professor** position in **Human Geography** to begin August 27, 2009. Qualified candidates will have expertise in urban society and culture, such as urban iconography, media representations of the city, urban society and the environment, or the spatialities of social, racial, and ethnic diversity. Preference will be given to candidates whose research interests complement those of existing Department personnel and show a potential to contribute to the Department's Urban Studies undergraduate degree program, which is an interdisciplinary curriculum with over 100 majors and cross-listings in a variety of units on campus. The ideal candidate will help develop links with these units and build outreach to urban agencies and organizations throughout the dynamic and rapidly growing Austin-San Marcos metropolitan area.

Applicants must hold the PhD at the time of appointment, have a proven research

record, and clearly defined research agenda, and present evidence or potential of teaching excellence. The selected candidate will be expected to teach at all levels of our curriculum, to direct dissertations and theses, to publish actively at the forefront of our discipline and beyond, and to offer service to the Department, College, and University. Salaries are commensurate with qualifications and/or expertise and are competitive. A background check will be conducted before a candidate is hired. We will begin review of applications on October 15, 2008.

Apply: send letter of application, curriculum vitae, statements of research and teaching interests, and three letters of reference to Dr. Paul Adams, Chair, Human Geography Search Committee, Department of Geography and the Environment, 1 University Station, University of Texas at Austin, Austin, TX 78712-1098. Dr. Adams can be contacted at paul.adams@mail.utexas.edu and 512-232-1599.

The University of Texas is committed to diversity and equality in education and employment. Members of underrepresented groups are especially encouraged to apply.

OCT 08-214

TEXAS, AUSTIN.

The University of Texas at Austin. The Department of Geography and the Environment invites applications for a position in **Earth Systems Science** at the rank of **Associate or Full Professor** to begin August 27, 2009. PhD required in geography or a closely allied discipline. We seek a scholar at the leading edge of his/her research field. The ideal candidate would work within environmental fluvial geomorphology, and would have demonstrated expertise in one or more of the following supporting fields: human impacts on fluvial systems, alluvial geoarchaeology, soils and land degradation, and Quaternary environmental change. The ideal candidate will have a field-based empirically driven research program and be committed to securing external funding. Additionally, the applicant should have interests that complement and extend existing departmental strengths in GIScience, environmental science, and nature-society relations.

Numerous opportunities exist within the UT-Austin campus for collaborative research, and with research staff in state and federal agencies within the Austin metropolitan area. The department has excellent facilities that house several specialized research activities, including the Geomorphology and Geoarchaeology Laboratory, Soils Laboratory, and a Quaternary Paleoecology Laboratory. Additional facilities include the Digital Landscape Laboratory and the Environmental Information Systems Laboratory, and the Texas Center for GIScience.

Applicants must hold the PhD at the time of appointment, have a proven research record and clearly defined research agenda, and present evidence of teaching excellence. The selected candidate will be expected to teach at all levels of our curriculum, to direct dissertations and theses, to publish actively at the forefront of our discipline and beyond, and to offer service to the Department, College, and University. Salaries are commensurate with qualifications and/or expertise and are competitive. A background check will be conducted before a candidate is hired. We will begin review of applications on October 15, 2008.

Apply: send letter of application, curriculum vitae, statements of research and teaching interests, and three letters of reference to Dr. Paul Hudson, Chair, Fluvial Geomorphology Search Committee, Department of Geography and the Environment, 1 University Station, University of Texas at Austin, Austin, TX 78712-1098. Dr. Hudson can be contacted at phudson@mail.utexas.edu and 512-232-1554.

The University of Texas is committed to diversity and equality in education and employment. Members of underrepresented groups are especially encouraged to apply.

OCT 08-215

*TEXAS, COLLEGE STATION.

Texas A&M University. Dean, College of Geosciences. <http://geosciences.tamu.edu>. The College of Geosciences is seeking an exceptional individual as **Dean**. The holder of this position is the chief executive officer of the College with 110 tenured and tenure-track faculty members, 16 research scientists, 265 graduate students, 489 undergraduate students, and a total research and teaching budget of \$84 million. The College of Geosciences seeks to provide an understanding of our changing planet: the solid earth, the oceans, the atmosphere; coupled human and natural systems; and the application of state-of-the science research to energy, environment and climate change. The College includes the Departments of Atmospheric Sciences, Geology and Geophysics, Geography, and Oceanography and a variety of research units including the Integrated Ocean Drilling Program, the Sea Grant College Program, and the Geochemical and Environmental Research Group. Close collaborations, through programs such as the Center for Atmospheric Chemistry and the Environment and to Sustainable Coastal Margins Program, exist with other colleges across the campus.

Texas A&M is seeking distinguished, proactive, and visionary candidates with: Dedication to the goals of the College of Geosciences and commitment to energizing and enhancing the activities of the College within and outside the university; Distinguished record of accom-

plishment in academia, industry, or government appropriate for a tenured full Professor in one of the Departments of the College; Proven and distinguished record of administrative service; Demonstrated ability to recruit, retain, and develop outstanding faculty, staff, and students; Clear and demonstrated commitment to excellence in research, undergraduate and graduate education, and active engagement with our federal, state, industry and community partners; Commitment to diversity, equal opportunity, and global perspectives; Commitment to leadership in fund-raising and obtaining enhanced external support.

Texas A&M University is in the ninth year of a long-range planning process entitled **Vision 2020** (www.tamu.edu/vision2020) with the goal of becoming a consensus "top 10" public university. So far, the University has raised over \$1.5 billion through a development campaign and has hired faculty for 442 new faculty lines, 26 of whom are in the College of Geosciences.

Bryan-College Station, home of Texas A&M University, consistently ranks as one of the most livable metropolitan areas in the nation. Centrally located among three of the country's 10 largest cities (Dallas, Houston, San Antonio) and just over an hour from the state capital (Austin), B-CS boasts a combined population in excess of 155,000, including the Texas A&M student body. The community has excellent school systems, shopping centers, hospitals, and restaurants. The twin cities are home to a high proportion of professional people and feature many of the advantages of a cosmopolitan center without the disadvantages of a congested urban environment.

The Search Advisory Committee will begin to review applications on November 15, 2008. The review will continue until the position is filled.

Applicants should submit a letter of application, 1-2 page narrative summary of experience and administrative philosophy, curriculum vitae and the names and telephone numbers of at least three references. (References will be contacted only after permission is obtained from the candidate.) Applicants should also provide a preferred telephone number and mailing and e-mail addresses.

Apply: Please send applications and nominations to: Dr. H. Joseph Newton, Chair, Dean of Geosciences, Search Advisory Committee, Texas A&M University, College of Science, 3257 TAMU, College Station, TX 77843-3257. Phone: (979) 845-8817, Fax: (979) 845-6077, E-mail: jnewton@tamu.edu.

Texas A&M University is an Equal Opportunity and Affirmative Action Employer. The University is dedicated to the goal of building a culturally diverse and pluralistic faculty and staff committed to teaching and working in a multicultural environment. We strongly encourage applications from

women, underrepresented ethnic groups, and individuals with disabilities.

Find more information about the College of Geosciences at <http://geosciences.tamu.edu>.

NOV 08-273

***TEXAS, COLLEGE STATION 77843-3147.**

Texas A&M University. The Department of Geography (<http://geography.tamu.edu>) invites applications for a tenure-track **Assistant Professor** position in **Climatology** with research interests in hydroclimatology or land-atmosphere interactions to begin in September 2009. We seek a scholar with the ability to enhance the department's strengths in physical geography, and who will take advantage of the outstanding collaborative opportunities within geography and with other departments, research units, and interdisciplinary initiatives within the College of Geosciences and university (e.g., Department of Atmospheric Sciences, Center for Atmospheric Chemistry and the Environment, Watershed Management and Hydrological Sciences program; <http://geosciences.tamu.edu>). The successful applicant must have a strong commitment to quality teaching at the undergraduate and graduate levels and supervision of undergraduate, M.S. and PhD level research; and demonstrate the potential to initiate and maintain a vigorous externally-funded research program. The PhD is required at time of appointment.

Apply: Candidates should submit a letter of application, curriculum vitae, and names and addresses (including e-mail addresses) of three referees to Dr. Andrew Millington, Search Committee Chair. Review of applications will begin on December 15, 2008 and will continue until the position is filled.

Texas A&M University is an Affirmative Action/Equal Opportunity Employer. The University is dedicated to the goal of building a culturally diverse and pluralistic community committed to teaching and working in a multicultural environment. We strongly encourage applications from women, underrepresented groups, and individuals with disabilities.

NOV 08-285

TEXAS, SAN MARCOS.

Texas State University-San Marcos. **Assistant Professor**, tenure-track position, beginning Fall 2009, with expertise in **Geographic Education**. PhD in Geography or closely related field required. Demonstrated record of excellence in teaching and research is required. Candidates must be well-versed in educational theories of teaching and learning, and have demonstrated expertise in one of the following broad sub-fields within geographic education: K-12 and/or university geographic

education; or international geographic education; or informal geography education involving environmental issues, new technologies, or socio-economic matters.

The successful candidate will play a major role within the department's Geographic Education PhD program, while contributing to the Master's degree program, and providing undergraduate teaching service within areas of expertise and departmental need. The department has 30 full-time faculty members serving BA, BS, MS, Master of Applied Geography, and three PhD programs. The department houses the Gilbert M. Grosvenor Center for Geographic Education and the Texas Alliance for Geographic Education.

Applicants must electronically submit a letter of application, curriculum vitae, and the names of three references no later than November 17, 2008 to: ps33@txstate.edu. Applicants must arrange to have their three referees send letters of recommendation directly to: ps33@txstate.edu, preferably to arrive by November 24, 2008. Reprints of published work and examples of course teaching evaluations (if available) are to be submitted, either electronically or via regular mail, preferably to arrive by November 24, 2008.

Apply: Dr. Philip W. Suckling, Professor and Chair, Department of Geography, Texas State University-San Marcos, San Marcos, TX 78666-4616. Voice: 512-245-2170. Fax: 512-245-8353. E-mail: ps33@txstate.edu.

Texas State is an equal opportunity educational institution and as such does not discriminate because of race, color, creed or religion, sex, national origin, age, physical or mental handicaps, or status as a disabled veteran. Texas State is committed to increasing the diversity of its faculty. Texas State University-San Marcos is a member of the Texas State University System.

OCT 08-223

***VIRGINIA, BLACKSBURG.**

Virginia Tech's School of Public & International Affairs (SPIA) invites applications for a tenure-track faculty position in its **Urban Affairs & Planning (UAP)** program as part of an ongoing cluster hire. The position will be located at the Blacksburg campus. Appointment rank will be at the **Associate or Assistant Professor** level, depending on qualifications, and will start in August 2009. A doctorate is required by the start date in planning or a related field.

Apply: Applications and supporting documents (except reference letters) must be submitted online at www.jobs.vt.edu (paper documents cannot be accepted), reference posting #081050. For a complete position announcement including necessary application materials and information on UAP and SPIA please visit www.uap.vt.edu and www.spia.vt.edu. Application review will begin November 12, 2008.

Virginia Tech is an equal opportunity/affirmative action employer.

NOV 08-300-1

VIRGINIA, NORFOLK.

Old Dominion University invites applications for two tenure-track **Assistant Professors** in its Geography Program to begin in August 2009. (1) **Environmental Geographer** to teach introductory environmental geography and to develop upper-division courses in areas of specialization. (2) **Human Geographer** to teach introductory cultural geography and to develop upper-division courses in areas of specialization. Preferred specializations include coastal geography, hazards, resources, urban and cultural geography. Familiarity with geospatial technologies and a regional specialization beyond North America will be considered an advantage. Applicants must have effective communication skills, evidence of a long-term research agenda, and a strong commitment to undergraduate education. PhD in geography is required by time of appointment (8-15-09). For more information on the geography program see <http://al.odu.edu/pols-geog/academics/geog/>.

To apply, submit a letter explaining your interest in the position, a CV, available evidence of teaching excellence, copies of recent publications, and three letters of reference. Review of applications will begin on October 1, 2008, and continue until the positions are filled.

Apply: Dr. Jonathan Leib, Chair, Geography Search Committee, Department of Political Science and Geography, Old Dominion University, Norfolk, VA 23529-0088. Email: geography@odu.edu.

Old Dominion University is an affirmative action, equal opportunity institution and requires compliance with the Immigration, Reform and Control Act of 1986.

OCT 08-201

***WASHINGTON, BOTHELL.**

Assistant Professor, Science and Technology Studies. Tenure-track, one full-time position. The Interdisciplinary Arts and Sciences Program at the University of Washington Bothell is seeking a dynamic educator who integrates research, teaching, and scientific practice in Science and Technology Studies, and whose work engages with one or more of the following areas: science communications; science and technology policy; history of science; philosophy of science, including bioethics. Two-years teaching experience and PhD required at time of appointment.

For more information, see www.washington.edu/admin/acadpers/ads/aa2176.html, or e-mail the search committee co-chairs, Professors Gray Kochhar-Lindgren at gklindgren@uwb.edu and Steve Collins

at swcollin@u.washington.edu. Preferred deadline: October 24, 2008. This position is contingent upon available funding. University of Washington faculty members engage in teaching, research and service.

The University is an affirmative action, equal opportunity employer. We are particularly interested in faculty who can contribute to diversifying the undergraduate and graduate curricula.

NOV 08-276-1

WASHINGTON, BOTHELL.

Assistant Professor, Geographic Analysis and Visualization. Tenure-track, one full-time position. The Interdisciplinary Arts and Sciences Program at the University of Washington Bothell is seeking a dynamic educator who can integrate teaching, research, and practice in geographic analysis and representation, including GIS, across diverse fields of study. Two-years teaching experience and PhD required at time of appointment.

For more information, see www.washington.edu/admin/acadpers/ads/aa2174.html, or e-mail the search committee chair, Professor David Stokes, at dstokes@uwb.edu. Preferred deadline: October 24, 2008. This position is contingent upon available funding. University of Washington faculty members engage in teaching, research and service.

The University is an affirmative action, equal opportunity employer. We are particularly interested in faculty who can contribute to diversifying the undergraduate and graduate curricula.

OCT 08-217

*WEST VIRGINIA, MORGANTOWN.

The Department of Geology and Geography at West Virginia University invites applications for a tenure-track **Assistant Professor** position in **Human Geography** with an emphasis on development, globalization, or human dimensions of global change to begin August 16, 2009. A PhD in Geography or closely related discipline is required at time of appointment. Evidence is required of a commitment to excellence in teaching and scholarship and the successful applicants must demonstrate an ability to obtain competitively based external funding.

WVU is a comprehensive land grant university and is designated by the Carnegie Commission on Higher Education as a Research – High Activity Institution. The department is located in a dedicated building which opened in 2007. The building has state of the art teaching and research laboratories, including the West Virginia GIS Technical Center and a CAVE virtual environment laboratory (www.geo.wvu.edu). Opportunities exist to interact with major federal and state institutes and research centers located on campus and in Morgantown (e.g.,

Regional Research Institute, NRCS, NASA, USFS, DOE, and NIOSH). The Department has masters and doctoral programs in Geography and Geology and undergraduate degrees in Geography, Geology, and Environmental Geoscience.

Morgantown is located in the Allegheny Mountains with access to outstanding natural recreation areas. WVU is an affirmative action, equal opportunity employer and strongly encourages applications from women, minority, and disadvantaged candidates. The review of applications will begin December 1, 2008 and continue until the position is filled.

Apply: Applicants should submit resume, statement of interest, and the names and contact information of three referees to: Dr. Ann M. Oberhauser, Search Committee Chair, Department of Geology and Geography, 330 Brooks Hall, PO Box 6300, Morgantown, WV 26506-6300. Voice: (304) 293-2249. E-mail: ann.oberhauser@mail.wvu.edu.

NOV 08-280

WISCONSIN, KENOSHA.

The Department of Geography invites applications for a tenure track **Assistant Professor in Urban Geography and Land Use Planning** beginning Fall 2009. PhD by start date is required. ABD will be considered for a one-year terminal appointment as a Lecturer with conversion to tenure track if PhD is completed by June 2010. Strong abilities for high quality teaching, research, service, undergraduate education, and working with a culturally diverse population are required.

Capacity to teach advanced courses in urban geography and land use planning; plus introductory courses in human geography. Additional responsibilities include leading and advancing the Department's Concentration in Planning. Capability to help develop an urban studies program, knowledge of GIS, remote sensing, and transportation. Additional information is at: UW-Parkside: Unclassified Positions.

The University of Wisconsin-Parkside is committed to access, diversity, engagement, and academic excellence. Located in the Chicago-Milwaukee urban corridor in a beautiful park-like setting, UW-Parkside enrolls about 5,100 students. Geography has four faculty positions and offers B.A. degrees to about 40 majors.

Send a letter of application, curriculum vitae, three letters of reference (including the names, phone numbers, and email addresses of the references), any evidence of teaching effectiveness, graduate transcripts (copies acceptable at application stage), and one representative example of scholarly work. Applications received by December 1, 2008 are ensured full consideration. The search will remain open until the position is filled. The University of Wisconsin-Parkside is an AA/EEO employer and D/M/V/W.

Apply to Richard A. Walasek, Chair, Department of Geography, 900 Wood Road. Voice: 262-595-2149. Fax: 262-595-2602. Email: walasek@uwp.edu.

OCT 08-220

WISCONSIN, LA CROSSE.

The Department of Geography/Earth Science at the University of Wisconsin-La Crosse seeks to hire a candidate for each of the following two tenure-track positions:

Position 1: Assistant Professor, full-time, tenure track appointment in **GIS**, beginning fall 2009. PhD in Geography required at time of appointment. Demonstrated expertise in GIS and spatial analysis with proficiency in ArcGIS 9.2 or above and its extensions as applied to any of the subfields of geography. Primary teaching responsibilities include introductory and advanced courses in GIS, as well as additional courses in his/her specializations. The appointee will be expected to provide leadership and vision to the geographic information science core in an undergraduate geography program. The Department houses the UWL Center for Geography Information Science.

Position 2: Assistant Professor, full-time, tenure track appointment in **Physical Geography**, beginning Fall 2009. PhD in Geography required at time of appointment. The Department seeks a broadly trained physical geographer with demonstrated expertise and research interests in soils and geomorphology and knowledge of GIS applications in physical geography. Teaching responsibilities include introductory courses in physical geography and advanced courses in the candidate's areas of specialization. The appointee will be expected to contribute to the vision of integrating geographic information science with physical geography.

The appointees to both positions are expected to demonstrate a commitment to excellence in undergraduate teaching, develop an active research program seeking external grants, participate in undergraduate research, and provide service to the University and broader community.

Apply: Submit a letter of application stating which position you are applying for, vita, a philosophy of teaching statement, contact information of three references, and graduate transcript(s) to: Dr. Gregory Chu, Chair, Department of Geography and Earth Science, University of Wisconsin-La Crosse, 1725 State Street, La Crosse, WI 54601. Voice: 608-785-8333. Fax: 608-785-8332. Email: chu.greg@uwlax.edu.

Review of complete application materials will begin on December 1, 2008 until each position is filled. UW-La Crosse is an affirmative action/equal opportunity employer. Women, persons of color, and individuals with a disability are encouraged to apply. If you have a special need/accommodation to aid your participation in our hiring process,

please contact the committee above to make appropriate arrangements. The State of Wisconsin requires a criminal background check on the successful applicant.

OCT 08-228

WISCONSIN, MILWAUKEE.

Assistant Professor, Urban Studies. Fall 2008. The University of Wisconsin-Milwaukee Urban Studies Programs invites applications for a tenure-track position in **urban economic development**. PhD by Fall 2009 required, in Geography, History, Political Science, Sociology, Urban Studies or Economics or related fields. Priority will be given to candidates specializing in urban political economy, community economic development, local and regional economic development policy, non-profit studies, or related areas. A demonstrated record of scholarly excellence as evidenced by publications/grants is essential, and an interest in applied research is encouraged. The candidate will be expected to teach graduate (master's and/or PhD) courses in Urban Studies as well as to develop a scholarly research agenda, possibly as an affiliate with the University's Center for Economic Development, Center for Urban Initiatives and Research, or Nonprofit Management Program. A complete application consists of a cover letter, a CV, three letters of reference, and a writing sample consisting of an article or dissertation chapter.

Apply: Cover letter, CV, and writing sample should be uploaded to the following URL: www.jobs.uwm.edu/applicants/Central?quickFind=50620. Letters of reference should be addressed to: Professor Marc V. Levine, Search Committee Chair, Urban Studies Programs, Bolton Hall 768, PO Box 413, University of Wisconsin-Milwaukee, Milwaukee WI 53201. The Committee will begin reviewing applications by November 15, 2008.

UWM is an AA/EEO employer.

OCT 08-230

***WISCONSIN, PLATTEVILLE.**

The University of Wisconsin-Platteville Geography Program invites applications for a tenure track position in **Physical Geography** with an **emphasis in Biogeography**. The position will begin in August of 2009 and be at the **Assistant Professor** rank. Successful candidates will be expected to teach introductory physical geography as well as upper level undergraduate courses in their area of specialization in Biogeography. UWP Geography has a strong tradition of providing field experiences and mentoring undergraduate research. The ideal candidate will plan to continue those traditions in Biogeography. In addition, UWP requires scholarly activity and university and community service for retention and tenure. Qualifications for the position include: 1) PhD in Geography, ABD's will be considered however PhD must be completed with transcripts no later than

January 1st, 2010; 2) emphasis in Biogeography; 3) some prior teaching and research experience; 4) a commitment to or experience with undergraduate field-based research; and 5) a demonstrated commitment to or experience with racially diverse populations.

Review of applications will begin November 21st, 2008 and will continue until the position is filled. Candidates should submit a letter of application including a statement of teaching philosophy, a current vita, and letters of recommendation from three references. Applications by e-mail are strongly discouraged.

Apply: Dr. J Elmo Rawling 3rd, Chair, Search and Screen Committee, Department of Social Sciences/Geography, 1 University Plaza, Platteville, WI 53818. For more information contact Dr. Rawling at rawlingj@uwplatt.edu or (608) 342-1680.

The University of Wisconsin-Platteville, an equal opportunity, affirmative action employer, seeks to build a diverse faculty and staff and encourages applications from women and persons of color. The candidate should have demonstrated commitment to or experience with diverse populations. The names of nominees and applicants who have not requested in writing that their identities be kept confidential, and of all finalists, will be released upon request. Employment will require a criminal background check.

NOV 08-240

INTERNATIONAL

AUSTRALIA, WA, FLOREAT PARK.

Research Leader - Spatial Informatics, CSIRO Livestock Industries, Floreat Park, Western Australia. \$86K to \$115K plus superannuation. Ref. No. 2008/938.

CSIRO Livestock Industries creates, develops, and commercialises technologies for the benefit of Australia's livestock, the environment, and the food industries. We are currently building our capability in landscape systems analysis which include environmental and social outcomes, and have an opening for a **Research Leader** specialising in **Spatial Information**. Specifically, this position is focused on providing leadership and innovation in the measurement and monitoring of the spatial and temporal variation in landcover and quantifying types and characteristics of available plants across landscapes, especially where livestock are an important input variable for land use. We are aiming to identify where there are multiple benefits to livestock and the environment, and build innovation and resilience in the face of increasing climate variability, fuel costs and demand for food.

We encourage applicants possessing a PhD in spatial sciences, remote sensing or agricultural or environmental systems modelling and analysis, with demonstrable experience

in remote sensing research. Appointment at Salary Level 6 or Level 7 will be on the basis of experience in research leadership, recognition as an authority in your area of expertise, impact achieved, and capability management.

The position will require you to demonstrate originality in strategic planning, and make a contribution to leading edge science in the areas of remote sensing of the environment or livestock production systems. Your experience in progressing complex, sensitive or contentious research matters to finality will be an advantage. Team leadership and strong interpersonal skills will be highly regarded as the role will involve the development of productive relationships with funders and clients, attracting investment and maintaining research collaborations to share leading edge concepts and technologies.

If you have the ability to resolve major conceptual scientific, commercial and management problems, in areas that have little or no precedent and require original concepts and approaches, we look forward to receiving your application.

CSIRO prefers all applications to be lodged via our online careers portal (www.csiro.au/careers). Late applications will not be accepted.

OCT 08-225

***CANADA, GUELPH.**

The Department of Geography at the University of Guelph invites applications for a tenure-track position in **Human-Environment Relations** at the **Assistant Professor** level. Applicants should have a strong social science background with expertise in critical, theoretical, or applied perspectives on human-environment relations, to complement one or more departmental strengths in resource management, environmental governance, gender and environment, and political ecology. The successful candidate must have a PhD in Geography or a related discipline, an established record of scholarly research, and a demonstrated commitment to excellence in teaching. The appointee will be expected to contribute to undergraduate and graduate teaching programs, advise graduate students, and develop a strong, externally funded research program. The position will commence July 1, 2009.

Apply: An application, including statement of interest, curriculum vitae and the names of three referees, should be submitted in writing (no electronic applications will be accepted) no later than December 15, 2008 to Dr. W.G. Nickling, Chair, Department of Geography, College of Social and Applied Human Sciences, University of Guelph, Guelph, Ontario, Canada, N1G 2W1. Information about the Department can be found at <http://www.uoguelph.ca/geography>.

The University of Guelph is committed to an employment equity program that includes

special measures to achieve diversity among its faculty and staff. We therefore particularly encourage applications from qualified aboriginal Canadians, persons with disabilities, members of visible minorities and women. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

Appointment is subject to final budgetary approval.

NOV 08-246

*CANADA, MONTREAL.

Applications are invited for a tenure-track position at the **Assistant Professor** level in **Human Dimensions of Global Environmental Change** beginning on August 1, 2009. Environmental change has become a central aspect of scientific inquiry and policy concerns and our societies will have to adapt to rapidly changing bio-physical conditions (see <http://www.mcgill.ca/strategic>). We seek a person with a research program that examines the cultural, social, economic and political adaptations to environmental change connecting scales from the local to the national and supranational. The successful candidate is expected to develop an externally-funded research program, embracing graduate student supervision and undergraduate teaching. There are excellent opportunities for collaboration within the Department and other units, such as the Earth System Science program, the Global Environmental and Climate Change Centre, the International Development Studies Program, Field Studies Semesters in Africa, Panama and the Caribbean, the Centre for Developing Area Studies and the School of Environment. Information on McGill and the Department of Geography can be found at www.geog.mcgill.ca. Applicants must possess a PhD or expect to graduate by summer 2009, and have demonstrated excellence in research, teaching and communication. Salary will be commensurate with qualifications and experience.

McGill University is committed to equity in employment and diversity. It welcomes applications from indigenous peoples, visible minorities, ethnic minorities, persons with disabilities, women, persons of minority sexual orientations and gender identities and others who may contribute to further diversification. All qualified applicants are encouraged to apply; however, in accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents of Canada.

Candidates should ensure their curriculum vitae, statements of teaching specializations and research interests, up to three reprints, and letters from three referees are sent to the following address. The review of applications will begin December 15, 2008 and applications will be accepted until the position is filled.

Apply: Dr. Tim Moore, Chair, Department of Geography, McGill University, 805

Sherbrooke St. West, Montreal, Quebec, Canada, H3A 2K6. Phone: 514 398-4112. Fax: 514 398-7437. E-mail: recruit.geog@mcgill.ca.

NOV 08-247

*CHINA, HONG KONG.

The Division of Social Science of The Hong Kong University of Science and Technology invites applications for a tenure-track position on **environment and sustainable development** (Ref: 2008-1012). Applicants should possess a PhD degree in environmental economics, law, public policy, political science, geography, sustainability science or other discipline that integrates the environment with the social sciences. Research interest in Hong Kong and Chinese environmental issues is an asset. The successful candidate will teach introductory and upper level courses, conduct programmatic research, and supervise graduate students.

Appointment will be made at the rank of **Assistant Professor or Associate Professor**, with an initial three-year contract starting from the fall of 2009. Salary will be commensurate with qualifications and experience. Fringe benefits include annual leave, medical and dental benefits. Housing will be provided where applicable. A gratuity will be payable upon successful completion of contract. For more information about the Division, please visit www.sosc.ust.hk.

Apply: Interested applicants should send a letter of application, a curriculum vitae, a statement of teaching and research interests, samples of publications, and three recommendation letters to Environment and Sustainable Development Search Committee Chair via e-mail: sdsearch@ust.hk on or before December 15, 2008.

NOV 08-305

*CHINA, HONG KONG.

Assistant Professor in Globalization and International Relations (Ref: 2008-1013).

The Division of Social Science of The Hong Kong University of Science and Technology invites applications for a tenure-track position in the broad area of **globalization and/or international relations**. We are interested in promoting basic research and teaching on the causes and consequences of globalization, the political economy of foreign trade and regulatory policies, the international politics of economic development, international migration, as well as the impact of globalization on labor regimes, education, women and the family.

The appointment will be made at the rank of **Assistant Professor or Associate Professor**, with an initial three-year contract starting from August 2009. The successful candidate must have a PhD degree at the time of appointment, with demonstrated ability

to carry out theoretically-informed and empirically-based work on Asia, particularly China, India and/or East Asia. We welcome applicants in an assortment of disciplines, including political science, sociology, geography and economics, as well as people whose research is clearly multidisciplinary.

Salary is highly competitive and will be commensurate with qualifications and experience. Fringe benefits include annual leave, medical and dental benefits. Housing will be provided where applicable. A gratuity will be payable upon successful completion of contract.

For more information about the Division, please visit <http://www.sosc.ust.hk>.

Apply: Interested candidates should send a letter of application, a curriculum vitae, a statement of teaching and research interests, samples of published work, and three recommendation letters to Globalization Search Committee Chair, Division of Social Science, The Hong Kong University of Science and Technology, Clear Water Bay, Kowloon, Hong Kong [Fax: (852) 2335-0014; E-mail: sdsearch@ust.hk] on or before December 5, 2008.

NOV 08-308-1

CYPRUS, NICOSIA.

Research Scientists for the Energy, Environment and Water Research Center (EEWRC) of the Cyprus Institute. The EEWRC is the first research center of the Cyprus Institute (CyI, <http://www.cyi.ac.cy>). The Center is rapidly becoming an important research resource for the Eastern Mediterranean, Middle East and North Africa addressing energy, environment and water issues and is being established in close collaboration with the Massachusetts Institute of Technology (MIT). We are seeking to hire researchers with expertise in the following areas:

Hydrology/Water Management. Candidates should have expertise in hydrology/hydrological modeling/water management as well as in managing multi-partner research projects, including liaison functions between the partner organizations involved in such projects. The successful candidate will assist the Head of the Water Research Division in developing the pressing research agenda for the Water Division.

Geographic Information Systems. We are looking for a GIS specialist with solid experience in building and/or operating a GIS infrastructure for a research establishment; preference will be given to applicants whose experience lies in the application rather than the fundamental theory of GIS. The successful candidate will be involved in a number of research projects at the EEWRC.

Environmental/Ecosystem Modeler. We are seeking a specialist with a background in ecosystem research, regardless of the specific specialization, but with expertise in

environmental/ecosystem modeling. Preference will be given to researchers that have demonstrated abilities to develop system-theory based models of environmental processes under various driving forces (e.g., climate change).

Energy Specialist. We look for a person with expertise in the energy field who can contribute to advancing the research agenda in the Energy Division of EEWR. Priority areas comprise Concentrating Solar Power (CSP) electricity generation and technologies for energy efficiency enhancements. The successful candidate should have a fairly broad background in (ideally) both the technology but also the energy economics fields.

Sustainable Built Environment. The person we are looking for should have expertise in sustainable resource utilization (both energy and water) in built environments (preferentially in the Eastern Mediterranean). The successful candidate will address issues reaching from climate change adaptation over methodologies for new building (energy) codes to capacity building for the public and private sector. His/her activities will include basic research, applied research, outreach and education.

Appointments will be for a fixed term of initially four years with an option for renewal. A PhD in a relevant field and at least three to five years of professional experience are essential conditions. Proficiency in spoken and written English is indispensable. Experience in generating and maintaining contacts in academic circles, as well as in obtaining support for research projects from funding organizations, will be an important advantage. Applications should include a CV, a list of publications, a brief Vision Statement and the names of five contactable referees.

For further information please contact Prof. Dr. Manfred Lange, Director, EEWR (m.a.lange@cyi.ac.cy). To be assured full consideration, applications should be received by October 31, 2008 via email e-mail to jobs@cyi.ac.cy. Recruitment will continue until the positions are filled. Starting date is negotiable, but April 1, 2009, is preferred.

OCT 08-231

SOUTH KOREA, DAEGU.

The Department of Geography at Kyungpook National University invites applications for a tenure track faculty position (**open rank**) to begin on March 1, 2009. A PhD in **Geography or a closely related discipline** required at the time of appointment. Research expertise in a variety of areas of geography will be considered. Responsibilities include teaching undergraduate and graduate courses and conducting active research in his/her specialty area. Preference will be given to can-

didates who have regional expertise in Asia. Applicants should be Non-Korean Citizens with fluent written and oral communication skills in English. All qualified candidates are encouraged to apply, but native English speakers will be preferred.

The rank of the position will be determined on the basis of the academic qualifications and experience of the applicants. Starting salary would be approximately U.S. \$60,000 per year at the assistant professor level. The salary may be commensurate with the qualifications and experience. The income tax rate is relatively low in South Korea and health insurance can be purchased for less than 3% of the salary. University Faculty housing will be available from Fall Semester, 2009.

The University is located in Daegu, a city with a population of 2.5 million and recognized as the third largest city in South Korea. The University is known as the second most reputable national university in South Korea (founded in 1946) and currently includes 16 colleges and 12 graduate schools with more than 30,000 students and 1,000 faculty members. The department is one of the largest centers for geographical research and teaching in South Korea. The department offers BA, MA, and PhD degrees in geography.

Apply: Applicants must send a letter of application outlining research and teaching interests, a curriculum vitae, and the names of three referees with phone numbers and email addresses via email to Dr. Byong-Woon Jun (bwjun@knu.ac.kr), Department of Geography, College of Social Sciences, Kyungpook National University, 1370 Sankyuk-dong, Buk-gu, Daegu 702-701, South Korea. Tel: +82-53-950-5231. FAX: +82-53-950-6227. Review of applications will begin on October 31, 2008 and will continue until a suitable candidate is identified.

Kyungpook National University is an Equal Opportunity, Affirmative Action Employer.

OCT 08-224

***UNITED ARAB EMIRATES.**

Assistant, Associate or Full Professor, History/Political Philosophy. Zayed University, United Arab Emirates, August 2009.

Zayed University, a premier university in the United Arab Emirates, is an innovative institution based on an international model of higher education. With 600 faculty and staff serving 4,000 students across two main campuses – as well as satellite locations – in Abu Dhabi and Dubai, the University prepares graduates to become leaders in government, business, civil society, and family life. The University expects its graduates to be fully bilingual in English and Arabic, proficient in the use of computing technology,

and strong in quantitative and research skills. The language of business and instruction at the University is English.

Zayed University is fully accredited in the U.A.E. as well as by the Middle States Commission on Higher Education in the U.S.A. The United Arab Emirates is a progressive country known for its high standard of living and its safe and family-friendly environment.

The department of Humanities and Social Sciences seeks candidates for a position in History/Political Philosophy. Scholars with research interests in history of political thought, and non-Western political thought are encouraged to apply. The teaching load will also include teaching interdisciplinary Social Sciences and Humanities courses in the Colloquy on Integrated Learning, the University's core curriculum. A PhD from a recognized university is required.

The University's benefits package is highly attractive, with competitive salaries free of tax in the United Arab Emirates, housing, a furniture allowance, annual vacation airline tickets for the employee and immediate family, educational subsidies for children and subsidized healthcare for the employee.

Apply: Please visit our website at www.zu.ac.ae. In addition to completing the online application form, attach a cover letter and a current CV, the names and contact details of three referees, a statement of undergraduate teaching philosophy, and a statement of scholarly and creative interests, particularly as they might apply to the Middle East, and as to how they might involve undergraduate students. If possible, also include student or departmental teaching evaluations. The review of applications will begin November 1, 2008.

NOV 08-294

***UNITED ARAB EMIRATES.**

Assistant, Associate and Full Professors, Humanities and Social Sciences. Zayed University, United Arab Emirates, August 2009.

Zayed University, a premier university in the United Arab Emirates, is an innovative institution based on an international model of higher education. With 600 faculty and staff serving 4,000 students across two main campuses – as well as satellite locations – in Abu Dhabi and Dubai, the University prepares graduates to become leaders in government, business, civil society, and family life. The University expects its graduates to be fully bilingual in English and Arabic, proficient in the use of computing technology, and strong in quantitative and research skills. The language of business and instruction at the University is English. Zayed University is fully accredited in the U.A.E. as well as by the Middle States Commission on Higher

Education in the U.S.A. The United Arab Emirates is a progressive country known for its high standard of living and its safe and family-friendly environment.

The department of Humanities and Social Sciences invites applications for several positions in its International Studies program. Candidates will be scholars of the social sciences, humanities, or their disciplinary intersections and will possess a strong commitment to undergraduate education at all levels. Geographical area of expertise is open but candidates with research interests in Africa, the Indian Ocean, and the Middle East are strongly encouraged to apply. Successful applicants will teach courses in the Culture and Society and International Affairs streams of the curriculum. The capacity to teach and research in an interdisciplinary environment is highly desirable. The teaching load will also include one or more courses in the Colloquy on Integrated Learning, the University's core curriculum, and may include, when appropriate, courses in the Literature Minor. Evidence of teaching ability and experience is important, including potential to supervise Capstone thesis projects. Strong evidence of research and publication potential is required. A PhD from a recognized university is required.

The University's benefits package is highly attractive, with competitive salaries free of tax in the United Arab Emirates, housing, a furniture allowance, annual vacation airline tickets for the employee and immediate family, educational subsidies for children and subsidized healthcare for the employee.

Apply: Please visit our website www.zu.ac.ae. In addition to completing the online application form, attach a cover letter and a current CV, the names and contact details of three referees, a statement of undergraduate teaching philosophy, and a statement of scholarly and creative interests, particularly as they might apply to the Middle East, and as to how they might involve undergraduate students. If possible, also include student or departmental teaching evaluations. The review of applications will begin November 1, 2008.

NOV 08-295

***UNITED ARAB EMIRATES.**

Assistant, Associate and Full Professors, History, Politics, Economy and Culture of the Arabian Gulf. Zayed University, United Arab Emirates, August 2009.

Zayed University, a premier university in the United Arab Emirates, is an innovative institution based on an international model

of higher education. With 600 faculty and staff serving 4,000 students across two main campuses – as well as satellite locations – in Abu Dhabi and Dubai, the University prepares graduates to become leaders in government, business, civil society, and family life. The University expects its graduates to be fully bilingual in English and Arabic, proficient in the use of computing technology, and strong in quantitative and research skills. The language of business and instruction at the University is English. Zayed University is fully accredited in the U.A.E. as well as by the Middle States Commission on Higher Education in the U.S.A. The United Arab Emirates is a progressive country known for its high standard of living and its safe and family-friendly environment.

The department of Humanities and Social Sciences seeks candidates with research/teaching expertise in the history, politics, economy, and culture of the Arabian Gulf. The field and area of specialization is open. The teaching load will also include teaching interdisciplinary Social Sciences and Humanities courses in the Colloquy on Integrated Learning, the University's core curriculum. A PhD from a recognized university is required.

The University's benefits package is highly attractive, with competitive salaries free of tax in the United Arab Emirates, housing, a furniture allowance, annual vacation airline tickets for the employee and immediate family, educational subsidies for children and subsidized healthcare for the employee.

Apply: Please visit our website www.zu.ac.ae. In addition to completing the online application form, attach a cover letter and a current CV, the names and contact details of three referees, a statement of undergraduate teaching philosophy, and a statement of scholarly and creative interests, particularly as they might apply to the Middle East, and as to how they might involve undergraduate students. If possible, also include student or departmental teaching evaluations. The review of applications will begin November 1, 2008.

NOV 08-296

***UNITED ARAB EMIRATES.**

Assistant, Associate or Full Professor, The Political Economy and International Relations of the Middle East. Zayed University, United Arab Emirates, August 2009.

Zayed University, a premier university in the United Arab Emirates, is an innovative institution based on an international model

of higher education. With 600 faculty and staff serving 4,000 students across two main campuses - as well as satellite locations - in Abu Dhabi and Dubai, the University prepares graduates to become leaders in government, business, civil society, and family life. The University expects its graduates to be fully bilingual in English and Arabic, proficient in the use of computing technology, and strong in quantitative and research skills. The language of business and instruction at the University is English.

Zayed University is fully accredited in the U.A.E. as well as by the Middle States Commission on Higher Education in the U.S.A. The United Arab Emirates is a progressive country known for its high standard of living and its safe and family-friendly environment.

The Department of Humanities and Social Sciences invites applications for a position in Political Economy and International Relations of the Middle East for the International Affairs stream of its International Studies program. Candidates should have a PhD in political science, political economy, international relations or a closely related field. The capacity to teach and research in an interdisciplinary environment is highly desirable. Evidence of teaching ability and experience is important, including potential to supervise Capstone thesis projects. The teaching load will also include one or more courses in the Colloquy on Integrated Learning, the University's core curriculum. A PhD from a recognized university is required.

The University's benefits package is highly attractive, with competitive salaries free of tax in the United Arab Emirates, housing, a furniture allowance, annual vacation airline tickets for the employee and immediate family, educational subsidies for children and subsidized healthcare for the employee.

Apply: Please visit our website www.zu.ac.ae. In addition to completing the online application form, attach a cover letter and a current CV, the names and contact details of three referees, a statement of undergraduate teaching philosophy, and a statement of scholarly and creative interests, particularly as they might apply to the Middle East, and as to how they might involve undergraduate students. If possible, also include student or departmental teaching evaluations. The review of applications will begin November 1, 2008.

NOV 08-297

African Geographical Review

The *African Geographical Review* (formerly the *East African Geographical Review*) solicits research manuscript submissions. The *African Geographical Review* is a peer reviewed journal published annually by the Africa Specialty Group of the Association of American Geographers. It provides a medium for publication of geographical material relating to Africa and seeks to enhance the standing of regional geography by promoting a better representation of geographic scholarship on Africa. We welcome submissions from any sub-field of geography as well as contributions that are theoretical, empirical or applied in nature.

Five kinds of submissions are requested: research articles, methodological or field notes, featured reflections, commentaries and book reviews. Research articles should consist of original research material and not exceed 7000 word in length. Methodological or field notes explore methodological or field issues and should not exceed 4000 words. Research articles and methodological or field notes are peer reviewed. They should be accompanied by a 150-word abstract and three to four keywords. Featured reflections on an aspect of African geographical scholarship should be no more than 2500 words. Commentaries are short punchy articles (up to 1000 words) that address a contemporary African issue. Featured reflections and commentaries are reviewed in-house by the editors and the editorial board. Book reviews

should be no more than 750 words and the editor should be contacted about a potential book review before it is undertaken.

Articles should be submitted to William Moseley (editor) at Macalester College via e-mail (moseley@macalester.edu). Inquiries can be made via e-mail or phone (651) 696-6126. More information may be found at the journal's website (www.macalester.edu/geography/agr).

Geomorphology 2009 (ANZIAG)

The International Association of Geomorphologists and the Australian and New Zealand Geomorphology Group invite all geomorphologists and others interested in geomorphology to participate in the 7th International Conference on Geomorphology. The Conference will provide an opportunity to discuss the latest research across all branches of geomorphology and to experience fascinating antipodean landscapes. Abstracts are due by **December 3, 2008**. For details see www.geomorphology2009.com.

Dynamic Deserts Conference

Dynamic Deserts: Resource Uncertainty in Arid Environments is a workshop and conference to be held February 26 to March 1, 2009 at Arizona State University, in Tempe Arizona. The conference will focus on generating knowledge and publishing synthetic papers related to resource uncertainty in deserts across scales of biological and socio-ecological organization. Abstracts are cur-

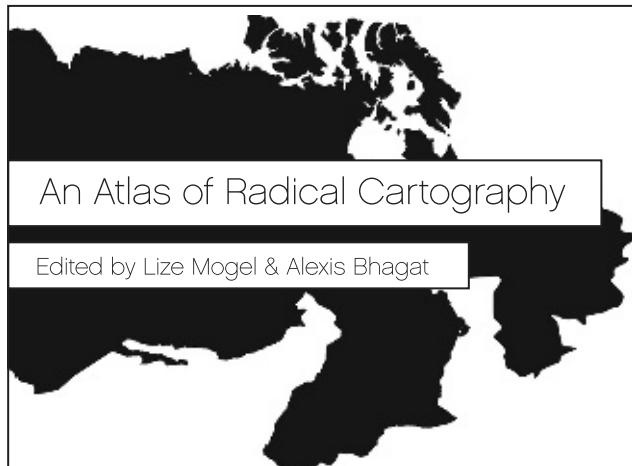
rently being accepted. Submission deadline is **January 1, 2009**. Student scholarships are available to undergraduate and graduate participants. Learn more and register at <http://sols.asu.edu/dynamicdeserts>.

14th International Conference of Historical Geographers

The ICHG Organizing Committee is currently seeking abstracts for its 2009 meeting in Kyoto, Japan. Conference themes will include: theory and history of historical geography, nature and environmental change, urbanism and built environments, tourism and sport, and historical geographies of East Asia, among many others. The conference will also feature a number of field trips. For a full description of the conference, including application procedures, visit www.bun.kyoto-u.ac.jp/ichg. Deadline for the submission of abstracts is **January 31, 2009**.

Intn'l Word & Image Conference

An International Word & Image Conference: Artists' Words & Writers' Images, will be held at the College of the Holy Cross, Worcester, Massachusetts, June 24, 25, and 26, 2009. Conference organizers are currently seeking abstracts. Deadline is **February 1, 2009**. Send abstracts to Frédéric Ogée (ogee@paris7.jussieu.fr) or Maurice Geracht (mgeracht@holycross.edu). More information is available at <http://college.holycross.edu/conferences/iwic>. ■



An Atlas of Radical Cartography

Edited by Lize Mogel & Alexis Bhagat

Now in its second printing!

An Atlas of Radical Cartography is a collection of 10 maps and 10 essays about social issues from globalization to garbage. It pairs artists, architects, and designers with writers to address the role of the map as a political agent. It is an important part of a growing cultural movement that traverses the boundaries between art, cartography, geography and activism.

This boxed set with a 160-page book and 10 unbound maps/posters is available from the Journal of Aesthetics & Protest Press.

For more information, and to order a copy:

www.an-atlas.com



2008 NOVEMBER

2-8. DISCCRS IV Symposium. Saguaro Lake Ranch, AZ. www.discrs.org/register.html.

6-8. Race, Ethnicity and Place Conference 2008. Coral Gables, Florida. University of Miami. <http://rep-conference.binghamton.edu/html/highlights.htm>.

7-8. Middle States AAG Regional Meeting. Lancaster, PA. Contact Kathy Schreiber: kathleen.schreiber@millersville.edu.

13. AAG Abstract Submission Deadline, 2009 AAG Annual Meeting www.aag.org.

13-15. West Lakes AAG Regional Meeting. Indiana University, Bloomington Campus. www.aag.org/Regions/west_lakes.cfm.

22-25. Southeast AAG Regional Meeting. Greensboro, North Carolina. Contact: Jeff Patton at jcpatton@uncg.edu. University of North Carolina at Greensboro. www.sedaag.org.

2009 JANUARY

7-9. Conference of Latin Americanist Geographers (CLAG). Granada, Nicaragua. <http://clagnica2009.org>.

FEBRUARY

26-March 1. Dynamic Deserts: Resource Uncertainty in Arid Environments. Tempe, Arizona. <http://sols.asu.edu/dynamicdeserts>.

MARCH

22-27. AAG Annual Meeting. Las Vegas, Nevada. www.aag.org.

APRIL

16-17. 40th Annual South Dakota State Geography Convention, Brookings, South Dakota. www3.sdstate.edu.

MAY

19-20. National Geography Bee, Washington, DC. www.nationalgeographic.com/geographybee.

JULY

6-11. International Association of Geomorphologists, 7th International Conference. Melbourne, Australia. www.geomorphology2009.com.

AUGUST

23-27. 14th International Conference of Historical Geographers (ICHG). Kyoto, Japan. www.bun.kyoto-u.ac.jp/ichg.

NOVEMBER

15-21. 24th International Cartography Conference. Santiago, Chile. www.icc2009.cl.

2010 APRIL

13-18. AAG Annual Meeting. Washington, D.C. www.aag.org.

2011 APRIL

12-16. AAG Annual Meeting. Seattle, Washington. www.aag.org.

Pre-1946 Copies of Annals Needed

The AAG is currently seeking donations of pre-1946 AAG *Annals* as we continue the process of making the contents of every issue available on-line. The digitization process requires that the binding of each issue be destroyed, thus donated journals cannot be returned. The AAG is currently seeking *Annals* 1911-1945 (Volumes 1-35). If you would like to donate these issues for digitization, please contact Rachel Franklin at rfranklin@aag.org or 202-234-1450.

ASPIRING ACADEMICS

A Resource Book
for Graduate Students
and Early Career
Faculty

AAG Offers Two New Books

Teaching College Geography is a new book designed to help you become a more effective teacher from the very first day of class, addressing the nuts-and-bolts of classroom teaching as well as topics such as geospatial technology and designing field studies.

Aspiring Academics is a set of essays examining issues of concern to graduate students and early career faculty, and also features a companion website with activities for use in workshops, seminars, and informal gatherings.

Both books have been produced through the AAG's Enhancing Departments and Graduate Education (EDGE) Project and are published by Pearson Prentice Hall.

For details and to order: www.aag.org/edge/edge_materials.cfm.

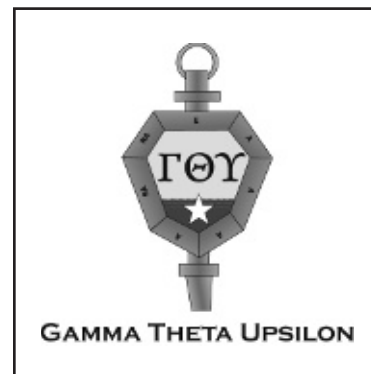
VGSP to Update Speakers List

The list of approved speakers for the Visiting Geographical Scientist Program (VGSP) is currently being updated by the International Geography Honor Society, Gamma Theta Upsilon (GTU) and the Association of American Geographers. The program is funded by GTU and managed by the AAG.

The VGSP sponsors visits by prominent geographers to colleges and universities across the country. Its purpose is to stimulate interest in geography, especially in small departments that do not have the resources to bring in well-known

speakers. Participating institutions select and make arrangements with the visiting geographer. The VGSP covers travel costs and provides a small honorarium. Host institutions provide meals and housing.

If you are interested in speaking to students (and faculty) in smaller departments and programs and in championing GTU and geography on these campuses, or if you would like to nominate a potential speaker for inclusion on the approved speakers list, please contact James Lowry, GTU Executive Secretary, at jlowry@uno.edu. ■



AAG Conference Hotel Now Accepting Reservations

The Riviera Hotel, site of the 2009 AAG Annual Meeting in Las Vegas, is now accepting reservations. Call 1-800-634-6753 or 1-702-794-9412 to reserve your room today. Ask for the discounted AAG Group Rate (\$154 per room). To reserve your room on-line visit www.aag.org/annualmeetings/2009.

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