



## The Association of American Geographers Spatial Analysis and Modeling Specialty Group Newsletter

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### FROM THE CHAIR

Dear SAM Members,

The AAG annual meeting is in this week! It is exciting to note that SAM will sponsor 58 special sessions that cover a wide range of topics. A list of these sessions is included in this newsletter issue, and I would like to highlight the following events:



- This year's **student paper competition** has six entries and is scheduled on Thursday, 4/15/10, from 4:40 PM - 6:20 PM. Please go and support our student members!
- The SAM **Business Meeting** is scheduled on Saturday, 4/17/10, from 6:30 PM - 7:30 PM.
- The SAM **Plenary and Reception**, sponsored by Geographical Analysis, is scheduled on Friday, 4/16/10, from 4:40 PM - 6:20 PM. Peter Nijkamp will give a lecture on "Behaviour of humans and behaviour of models: a cognitive perspective."
- John Odland, the first chair of the Mathematical Modeling & Quantitative Methods (today's SAM) specialty group, passed away in 2009. The **Panel in Honor of John Odland** is scheduled on Friday, 4/16/10, from 4:40 PM - 6:20 PM.

We will elect two important board members at our business meeting. These include the vice chair and a regular board member, both for a three-year term. If you are interested in any of these two positions or would like to nominate a candidate, please feel free to send me a note ([xiao.37@osu.edu](mailto:xiao.37@osu.edu)).

There will be many important items to discuss at the meeting. Strategically, I believe we should focus part of our discussion on student paper competition, other potential forms of SAM awards, and newsletter evaluation. Please send along your ideas too.

I look forward to seeing you all in Washington, D.C.

Ningchuan Xiao  
Department of Geography  
The Ohio State University

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## NEWS

**Mei-Po Kwan**, Distinguished Professor of Social and Behavioral Sciences at the Ohio State University, has received five grants totaling \$10.2 million as a PI or Co-PI from the National Institutes of Health. All of the projects have a significant geographic component. One of them, as an NIH center grant, seeks to promote innovative interdisciplinary research on population and health at the Ohio State University. Kwan is now Director of the Geographic Analysis Core of this center. The other four projects will examine the health risks of female sex workers, adolescent participation in high risk drug use, tobacco cessation in Ohio smokers, and methods for health behavior research.

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## JOBS

**Director of Computing and Technology, Center for Applied GIScience, University of North Carolina at Charlotte.** The University of North Carolina at Charlotte is recruiting a Director of Computing and Technology in the Center for Applied GIScience for appointment on July 1, 2010. Required qualifications include: 1) an advanced degree in geography or relevant discipline at the time of appointment; 2) technical and analytical expertise in GIS and remote sensing, spatial database development and management, and advanced programming; 3) the ability to contribute to the Center's interdisciplinary research agenda, and assist with supervising graduate student research; and 4) the ability to teach GIScience concepts and technologies, and human-environment applications to a diverse student body at the graduate and undergraduate levels in the Department of Geography and Earth Sciences. Desired qualifications also include modeling of coupled human and natural systems, with technical expertise in the integration of field and GIS analytical methods.

The successful candidate will provide technical and computational support for externally funded research initiatives and will play a leadership role in maintaining a vision for leveraging the Center's computational resources for new research opportunities. Resident IT staff members exist for assistance with daily operations and implementation of upgrades. The candidate is also expected to teach

up to two courses per year that address basic and/or applied aspects of GIS analysis.

The Center for Applied GIScience is currently involved in a number of funded research projects, largely focused on predicting effects of global environmental changes on the persistence and health of natural ecosystems, including the role that urbanization and biological invasions play in habitat loss and maintenance of biodiversity. The Department of Geography and Earth Sciences, where the Center is housed, is an interdisciplinary community of natural, social, and technical scientists with over 30 full-time faculty members. UNC Charlotte is a growing Doctoral-Intensive urban university located in the state's largest metropolitan area. Over 24,000 students are currently enrolled at the University. The Department, the College of Liberal Arts and Sciences, and the University are strongly committed to creating and maintaining a diverse community in which all students, staff and faculty can work, learn and live in an environment of respect and support. We welcome applications from candidates who will foster these goals. We encourage applications from women, minorities, and individuals from underrepresented groups. UNC at Charlotte is an AA/EOE.

Review of applications will begin April 12, 2010 and continue until the position is filled. Applications must be made electronically at <https://jobs.uncc.edu> and must include: 1) letter of application describing teaching and research interests along with the applicant's ability to contribute to the Center's mission, 2) a full curriculum vita, and 3) the names of three referees.

We encourage prospective candidates to review our web sites for the Center for Applied GIScience ([www.gis.uncc.edu](http://www.gis.uncc.edu)) and the Department ([www.geoeearth.uncc.edu](http://www.geoeearth.uncc.edu)) prior to applying. For additional information, contact Dr. Ross Meentemeyer at 704-687-5944 or [rkmeente@uncc.edu](mailto:rkmeente@uncc.edu).

**Brown University Job Opening: Asst Professor/Assoc Dir of S4.** Spatial Structures in the Social Sciences (S4 - <http://www.s4.brown.edu>) is recruiting an Associate Director who is interested in a variety of applications of spatial methods, including public health, environment, urban development, etc. The job title of Assistant Professor

(Research) indicates that this is a non-tenure track faculty position, supported by the Provost's office, with a mix of teaching, research, and administrative responsibilities. The position is formally placed in the Population Studies and Training Center, but social scientists with any disciplinary background or specialization will be considered.

Assistant Professor of Population Studies (Research) to serve as the Associate Director, Spatial Structures in the Social Sciences

Brown University announces a search for the position of Assistant Professor of Population Studies (Research) to serve as the Associate Director of the research initiative on Spatial Structures in the Social Sciences. More information on the program is available at <http://www.s4.brown.edu>. This is a 10-month per year position, with potential for salary during summer from external grants, beginning September 1, 2010. We anticipate this being a 2-3 year appointment, with the potential of being renewed beyond that period.

In the Assistant Professor position, the selected candidate will serve as the Associate Director and will participate in the development and execution of new research projects involving scholars in multiple disciplines, and will have primary responsibility for coordination of a series of colloquia, workshops and clinics designed to introduce faculty and students to tools of spatial analysis. The Associate Director will teach two courses per year including Introduction to GIS and will lead the S4 Fellows program for doctoral students. Candidates should have a Ph.D. in hand or firmly expected by September 2010 and should show promise of significant scholarship and ability to provide instruction in methods of spatial analysis.

The Associate Director will be appointed as Assistant Professor (Research) in the Population Studies and Training Center, and will have access to the considerable PSTC research infrastructure. Salary will be commensurate with experience and credentials.

Submit a cover letter, curriculum vitae, a copy of up to three publications or working papers, and names/contact information for three persons who can comment on qualifications for this position. Materials should be sent by email to Katelyn Clary ([Katelyn.Clary@brown.edu](mailto:Katelyn.Clary@brown.edu)). Applications will be

accepted until the position is filled but to guarantee full consideration a candidate should apply by April 1, 2010.

Brown University is an Affirmative Action/Equal Opportunity Employer

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## CALLS AND MEETINGS

**Call for Papers and Posters: 2010 UCGIS Summer Assembly.** UCGIS is pleased to announce the call for Papers and Posters for the 2010 UCGIS Summer Assembly. The theme for this year's meeting is: **Geographic Information Science and Technology: Transformation, Education and Futures.** There will be two paper sessions, one for students, one for junior faculty, and an open poster session. Papers will be eligible for consideration for publication in one of several peer reviewed outlets. Students and junior faculty accepted for the paper sessions will be eligible to receive up to \$1000 in reimbursement for travel! The travel awards are graciously sponsored by USGS and ESRI. The best poster will receive a \$250 prize! Please see the following document for full details of the call: <http://bit.ly/9RW3q5>. Also, feel free to distribute widely to students and junior faculty at UCGIS member institutions.

**GIScience 2010** (<http://www.giscience2010.org>)  
**Sixth International Conference on Geographic Information Science**  
**Zurich, Switzerland, September 14-17, 2010**

CALL FOR EXTENDED ABSTRACTS and  
 WORKSHOPS/TUTORIALS ANNOUNCEMENT

### OVERVIEW:

Zurich, Switzerland will be the host city of the sixth international GIScience conference, continuing a highly successful series of biennial conferences that commenced in 2000. GIScience 2010 aims to bring together scientists from academia, industry, and government to discuss the state-of-the-art in geographic information science, and explore emerging research directions. The conference focuses on basic research findings across all sectors of the field and has two refereed submission tracks: full papers and extended abstracts. Pre-conference workshops and tutorials (Sep. 14) and the main

conference (Sep. 15-17) will take place at the University of Zurich, Irchel campus, featuring state-of-the-art conference facilities within a park-like setting. The conference site is located only 20 minutes from both downtown and Zurich Airport, and is easily accessible through public transport.

#### TOPICS AND TRACKS:

Fundamental research findings and emerging topics across all sectors of geographic information science (GIScience) are welcomed. The conference attracts leading researchers from all cognate disciplines to reflect the interdisciplinary breadth of GIScience, including (but not limited to) geography, cognitive science, computer science, engineering, information science, mathematics, philosophy, psychology, social science, and (geo)statistics.

Since GIScience 2010 focuses on advances in the fundamentals of geographic information science, submission of pure application papers is discouraged. To accommodate the variety of publication cultures within an interdisciplinary research community, two refereed submission tracks are provided: full papers (NOW CLOSED) and extended abstracts.

#### EXTENDED ABSTRACTS TRACK:

Publication in separate Conference Proceedings Volume

Extended abstracts of 1500 words, describing work in progress, will be reviewed by at least three members of the international program committee and, if accepted, selected for oral or poster presentation. Extended abstracts must be written in English according to the formatting guidelines published

at: <http://www.giscience2010.org/index.php?page=s%20submission> and submitted using

EasyChair: <http://www.easychair.org/conferences/?conf=giscience2010>.

If you have not previously used EasyChair, we strongly recommend registering with the system BEFORE the submission deadline.

#### WORKSHOPS & TUTORIALS:

A total of 4 half-day tutorials, an innovation for GIScience, and 4 workshops have been accepted by the Program Committee. For detailed information, see: <http://www.giscience2010.org/index.php?page=accepted-workshops-and-tutorials>

The accepted TUTORIALS are as follows:

Development of Web GIS and Web Mapping Applications with QGIS mapserver  
Organisers: Ionut Iosifescu, Marco Hugentobler and Lorenz Hurni

Geometric Algorithms and Efficiency for GIScience  
Organisers: Marc van Kreveld and Bettina Speckmann

A Practical Introduction to Geospatial Visual Analytics  
Organisers: Natalia Andrienko and Gennady Andrienko

GISolve Toolkit: Cyberinfrastructure-based Geographical Information Systems  
Organisers: Shaowen Wang, Yan Liu

The accepted WORKSHOPS are:

Emerging Methods for Studying the Use of Spatial Technologies  
Organisers: Amy Griffin, Scott Bell and Mary Hegarty

Role of Volunteered Geographic Information in Advancing Science  
Organisers: Budhendra Bhaduri, Michael Goodchild and Daniel Getman

Linked Spatiotemporal Data  
Organisers: Krzysztof Janowicz, Todd Pehle, Glen Hart and Patrick Maue

Workshop on Movement Pattern Analysis  
Organisers: Roland Billen, Bjoern Gottfried, Alexander Klippel, Patrick Laube and Nico Van de Weghe

A DOCTORAL COLLOQUIUM will also be hosted by GIScience on the 18th of September. More details are available here: [http://irtg-sigi.uni-muenster.de/index.php?option=com\\_content&view=article&id=25](http://irtg-sigi.uni-muenster.de/index.php?option=com_content&view=article&id=25)

#### IMPORTANT DATES

Registration open: March 15, 2010

Extended abstracts due: April 30, 2010

Extended abstract notification: June 15, 2010

Earlybird registration closes: June 30, 2010

**Call for Papers:**

Special Issue of Socio-Economic Planning Sciences  
Modeling Public Sector Facility Location Problems

Guest Editors:

Mark S. Daskin, University of Michigan, USA  
Alan T. Murray, Arizona State University, USA

Under the incoming Editor-in-Chief, Vedat Verter, Socio-Economic Planning Sciences will publish a special issue on "modeling public sector facility location problems".

Facility location modeling has a long and very rich history for both private and public-sector problems. Public sector problems are often characterized by (i) multiple constituents, (ii) multiple competing objectives, and (iii) a highly political decision making atmosphere. Such problems are further complicated by the fact that the public sector modeling environment must often operate with limited data and constrained planning resources. Facility location models are often used to identify impacts and to explore alternative siting plans in the public sector. This special issue welcomes submissions that contribute to the state-of-the-art in these areas of public sector facility location modeling, theory, and decision-making as well as innovative case studies and applications that contribute to our understanding of the challenges inherent in using facility location models in the public sector.

All manuscripts should be submitted electronically via the Elsevier Editorial System (EES) <http://ees.elsevier.com/seps>. You must select Modeling Public Sector Facility Location Problems as the Article Type to make sure that your paper will be considered for the special issue. The EES will open to submission on June 1st, and the deadline for the special issue is January 1, 2011. The plan is to publish the special issue in mid 2012. Researchers from all relevant disciplines are invited to consider this special issue as an outlet to publish their quality work on this topic of increasing significance. Inquiries on the special issue can be directed to the guest editors, Mark S. Daskin ([msdaskin@umich.edu](mailto:msdaskin@umich.edu)) or Alan T. Murray ([Alan.T.Murray@asu.edu](mailto:Alan.T.Murray@asu.edu)).

**Call for Workshop Participation.**

Bhaduri, Goodchild, and Getman  
Role of Volunteer Geographic Information in  
Advancing Science

Workshop Organized in Conjunction with The Sixth  
International Conference on Geographic Information  
Science 14th September,  
2010 <http://www.ornl.gov/sci/gist/workshops/index.shtml>

**Synopsis:** Geographic data, describing objects and events, have been a fundamental component of scientific experiments and more importantly, in model calibration, verification, and validation for physical sciences. Recent evolutions and advancements in geospatial and cyber technologies, combined with a population that is well informed and interested in global issues such as energy and climate, have cultivated an environment in which scientific research can potentially benefit significantly from the enormous volume of data that can be provided by citizens through their offering of volunteered geographic information (VGI). Moreover, the ever increasing membership of cyber social networks such as Facebook, Twitter, and MySpace, are sharing dynamic information about their locations and activities. Integrated in such systems is a vast volume of VGI, that includes observables (such as vegetation, critical infrastructures, hydrography), directly physically measurable (such as temperature, geophysical parameters) data, and even personal perspectives and experiences of citizen participants in the form of images, videos, and text. However, the value of VGI is still largely limited to satisfying the intellectual curiosity of the common public. The critical challenge that faces the research and operational communities is to understand and assess the authenticity, validity, and uncertainty of volunteered geographic information. Determining the most appropriate sources of data, promoting the involvement of those sources, acquiring accurate and useful information, and ultimately connecting these data with scientific research are key issues that need to be addressed in this context. Progress towards rendering VGI as a valuable and usable component for scientific research will require development of appropriate reference frameworks, standards, and models for data and communication coupled with novel analytical approaches that allow uncertainty quantification.



**Target Audience:** This workshop aims to bring leading researchers from the fields of geographic information science to discuss this important topic and to define and describe a set of preliminary research topics for the community to pursue. We solicit original research contributions that address the key theme of this workshop.

**Topics:** The major topics of interest to the workshop include but are not limited to:

- Volunteered geographic information
- Geographic data acquisition and dissemination methods
- Uncertainty in geographic information
- Geospatial data and interoperability standards
- Spatiotemporal data mining
- Cyber-GIS for dynamic data integration
- Geographic exploration systems
- Scientific knowledge generation
- Spatial model calibration, verification, and validation
- Geosensor networks

**Paper Submission:** The workshop is organized around short discussion papers, a couple of keynote presentations by leading researchers, open discussions, and a poster session to accommodate selected submissions. Further organization of the workshop will be detailed in the coming weeks. Short (2 page) discussion papers should present a specific problem in the context of volunteered geographic information. The authors are requested to stress the multidisciplinary character of their approaches and their relevance to the theme of the workshop. We encourage submissions presenting early stages of cutting-edge research and development, as well as submissions from PhD students. Submission of a 2-page CV is also required with the discussion papers.

Deadline for Paper Submission: May 23rd 2010

**Contact:** Budhendra Bhaduri ([bhaduribl@ornl.gov](mailto:bhaduribl@ornl.gov)); Michael Goodchild ([good@geog.ucsb.edu](mailto:good@geog.ucsb.edu)); Daniel Getman ([daniel.getman@nrel.gov](mailto:daniel.getman@nrel.gov))

## AAG Annual Meeting Highlights

**The SAM business meeting** is scheduled on Saturday, 4/17/10, from 6:30 to 7:30 PM in Lincoln Room 4, Marriott Exhibition Level. In this year meeting, we will elect two new board members for the positions of the Vice Chair and a regular board member. If you are interested in any of the two positions, please 1) send me a note of your intention and 2) attend the business meeting.

Deputy Director of the U.S. Census Bureau **Thomas Mesenbourg** will be the featured speaker in a special plenary organized by the AAG on Wednesday, April 14. A Census Bureau panel session follows, and additional census sessions will be held throughout the meeting. For more details see <http://www.aag.org/annualmeetings/2010/tracks/index.htm>

A special track of sessions on **Enhancing Diversity**, organized for the AAG Annual Meeting in Washington, DC spotlights a few of the intellectual contributions from geographers and related scholars that can support departments and individuals to envision and realize their own goals to improve inclusion of underrepresented groups in their programs and broaden participation in geography and other disciplines.

The keynote session on Thursday afternoon, entitled, Institutional Perspectives on Broadening Participation and Enhancing Diversity in Higher Education features panelists from the American Association of Persons with Disabilities, American Geophysical Union, Lumina Foundation for Education, American Educational Research Association, American Psychological Association, and the American Association for the Advancement of Science (AAAS).

See the listing of sessions in this track here: <http://www.aag.org/annualmeetings/2010/tracks/diversity.htm>

To request an excel file of more than 60 paper and poster sessions on research related to diversity, ethnicity, inclusion, race, and place, please send an email to [psolis@aag.org](mailto:psolis@aag.org).

This track has been organized with the AAG's ALIGNED Project, funded by an NSF-OEDG Grant, ([psolis@aag.org](mailto:psolis@aag.org)) and with the participation or endorsement of the following AAG groups: Community College Affinity Group, Cultural Geography Specialty Group, Disability Specialty Group, Enhancing Diversity Committee, Ethnic Geography Specialty Group, Geographic Information Science and Systems Specialty Group, Geographic Perspectives on Women Specialty Group, Graduate Student Affinity Group, Indigenous Peoples Specialty Group, Population Specialty Group, Sexuality & Space Specialty Group, Spatial Analysis & Modeling Specialty Group, Stand Alone Geographers Affinity Group, Transportation Geography Specialty Group; Geography Faculty Development Alliance; and the AAG Enhancing Departments and Graduate Education project.

2010 AAG Honorary Geographer, **Nora D. Volkow, M.D.**, Director of the NIH National Institute on Drug Abuse (NIDA), will present her research on "Mapping the Addictive Human Brain" at the AAG Annual meeting. Other sessions on Geography and Drug Addiction will also be featured in the program.

For a full list of related sessions, see <http://www.aag.org/annualmeetings/2010/tracks/addiction.htm>

**Taylor & Francis**, who publish many geography, remote sensing and GIS-related journals, (for example, IJRS, IGIS, Geocarto International, and the new Remote Sensing Letters, Annals of GIS) are holding a reception at the AAG. Apparently there will be drinks, food, and even free gifts! This would be a great occasion for the RSSG to get together for a social event.

The reception is being held at the National Press Club Ballroom, which is about 1.5 miles from the hotel. If you take the DC Metro from the conference, take the red line three stations towards downtown, getting off at Metro Center Station. The National Press Club is on 14th Street and appears to be just three blocks away from the station. It is also close to the White House.

#### **Details:**

Wednesday April 14th, From 6pm  
National Press Club Ballroom

529 14th Street NW, 13th Floor

Here is a link to a flier:

<http://www.geo.wvu.edu/~warner/temp/TFAAGInvite.pdf>

For planning purposes, would you mind letting Vicky Gardner know if think you might attend: Vicky [victoria.gardner@tandf.co.uk](mailto:victoria.gardner@tandf.co.uk)

**The SAM plenary and reception** sponsored by Geographical Analysis is scheduled for from 4:40 PM on Friday, April 16, 2010 in Thurgood Marshall NORTH, Marriott Mezzanine Level. Peter Nijkamp will give a lecture on "Behavior of Humans and Behavior of models: A Cognitive Respective" and the Geographical Analysis reception will follow. I hope to see you there!

Details can be found at the following URL:

[http://communicate.aag.org/eseries/aag\\_org/program/SessionDetail.cfm?SessionID=8846](http://communicate.aag.org/eseries/aag_org/program/SessionDetail.cfm?SessionID=8846)

**John Odland**, the first chair of the Mathematical Modeling & Quantitative Methods (today's SAM) specialty group, passed away in 2009. The Panel in Honor of John Odland is scheduled on Friday, 4/16/10, from 4:40 PM - 6:20 PM in Coolidge, Marriott Mezzanine Level.

**SAM Sponsored Sessions:** In this year's AAG meeting, SAM will be sponsoring 58 special meetings. Below is a list of **all the sponsored sessions**. Details about these sessions can be found at [http://communicate.aag.org/eseries/aag\\_org/program/index.cfm?mtgID=55](http://communicate.aag.org/eseries/aag_org/program/index.cfm?mtgID=55).

- \* A special session that is contributed to the development and application of geographically weighted regression: methods, applications and theories.
- \* Agency briefing on Cyberinfrastructure
- \* Analysis of Multi-temporal Remotely Sensed Data: Methods and Applications (I)
- \* Analysis of Multi-temporal Remotely Sensed Data: Methods and Applications (II)
- \* Application of Remote Sensing in Land Surface Hydrological Studies
- \* Bioenergy Informatics: GIS, Spatial Analysis Tools and Methodologies

- \* Classification Approaches in Neighborhood Research
- \* Classification Approaches in Neighborhood Research
- \* Conceptualising and Measuring Residential Segregation: Spatial Scale, Population Structure and Population Dynamics: I
- \* Conceptualising and Measuring Segregation: Spatial Scale, Population Structure and Population Dynamics: II
- \* Conceptualising and Measuring Segregation: Spatial Scale, Population Structure and Population Dynamics: III
- \* Conceptualising and Measuring Segregation: Spatial Scale, Population Structure and Population Dynamics: IV
- \* Coupled Human and Natural Systems (CHANS): Land change analysis integrating maps and local knowledge
- \* Crime Modeling and Mapping
- \* Crime Modeling and Mapping
- \* Crime Modeling and Mapping
- \* Crime Modeling and Mapping
- \* Crime Modeling and Mapping
- \* Emerging Trends in Geographic Data Analysis for Population Characterization
- \* Geospatial Visualization: concepts, representation, implementation, and related topics
- \* Health Care Workforce Geography
- \* High Performance Computing for Geographic Sciences
- \* In These Tough Economic Times (ITTET): Analyzing Recession Geography I
- \* In These Tough Economic Times (ITTET): Analyzing Recession Geography II
- \* Landscape Controls on Ecosystem Processes
- \* Location and Spatial Analysis I
- \* Location and Spatial analysis II
- \* Modeling Species' Distribution and Movement
- \* Modeling the Novel H1N1 (Swine Flu) Outbreak During Spring 2009 and Beyond
- \* Network Spaces and Network Analysis
- \* New Methods in Point Pattern Analysis
- \* New methods in Transportation Research
- \* Open Source Software for GIS and Spatial Analysis
- \* Open Source Tools & Standards in GISc Research and Education (I)
- \* Open Source Tools & Standards in GISc Research and Education (II)
- \* Opium Poppy 1: Opium poppy in the Modern Age: Myths, fears and a way forward
- \* Opium Poppy 2: Geospatial issues in tracking and monitoring illicit crop production
- \* Opium Poppy 3: Economic and other drivers of illicit crop production
- \* Panel in Honor of John Odland
- \* Perspectives on Geographic Complexity (1): Theories and Methods
- \* Perspectives on Geographic Complexity (2): Methods and Data Issues
- \* Perspectives on Geographic Complexity (3): Disease and Health Modeling
- \* Perspectives on Geographic Complexity (4): Agent-Based Modeling and Sustainability Science
- \* Perspectives on Geographic Complexity (5): Modeling Land Use and Land Cover Change
- \* Perspectives on Geographic Complexity (6): Urban Systems I
- \* Perspectives on Geographic Complexity (7): Urban Systems II
- \* SAM Student Paper Competition
- \* Spatial Analysis and Modeling in Professional Practices: Ethnographic Case Studies
- \* Spatial Analysis and Modeling Plenary Lecture and Geographical Analysis Reception
- \* Spatial Analysis and Modeling Specialty Group Business Meeting
- \* Spatial Data Mining and Exploratory Data Analysis (1)
- \* Spatial Data Mining and Exploratory Data Analysis (2)
- \* Spatial Data Mining and Exploratory Data Analysis (3)
- \* Spatial Interactions: Analysis and Modeling
- \* Spatial statistics and models: remembering Gary Gaile
- \* Time Geography: Its Past, Present, and Future (I)
- \* Time Geography: Its Past, Present, and Future (II)
- \* What are the Grand Challenges of Geographic Information Science?

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## COMPETITIONS

This year's **student paper competition** has six entries and is scheduled on Thursday, 4/15/10, from 4:40 PM - 6:20 PM in Lincoln Room 3, Marriott Exhibition Level. Please go and support our student members!



## INFORMATION

### Spatial Analysis and Modeling (SAM)

Our mission is to foster and maintain interaction, cooperation and community among individuals interested in the analysis of geo-referenced data, modeling of spatio-temporal processes and the use of analytical and computational techniques in solving geographic problems. The specialty group promotes the scientific study of physical, environmental and socioeconomic geography and the development, use and teaching of analytical cartography, GIS, remote sensing, spatial statistical, mathematical and computational techniques for spatial analysis.

### Membership Dues

Regular: \$3  
Student: \$1

### Submissions

The newsletter reaches about eight hundred readers and is therefore an excellent venue for getting the word out on community news, departmental happenings, research findings, media appearances, book publications, and the like. We also invite you to submit commentaries or features of broad interest to specialty group members. The newsletter is a good place to post calls for papers, proposals, awards, grants, fellowships, and jobs. You can also make early announcements of special sessions or other activities for next year's AAG meeting in Washington.

The newsletter relies on volunteers to submit articles, so please take a moment to send along relevant items.

Please send your submission by email to Fang Qiu (ffqiu@utdallas.edu) in text or rich text format. Photos or other images, with captions, are also welcome (GIF, JPG, or PNG).

### SAM Newsletter Editor

#### **Fang Qiu**

University of Texas at Dallas  
800 W Campbell Rd, MS GR 31  
Richardson, TX 75080  
Email: ffqiu@utdallas.edu

## Officers

### Chair

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Term expires: 2012

### Vice Chair/Treasurer

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### Board Members

#### **Joni Downs**

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#### **Robert Gilmore Pontius, Jr.**

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Term expires: 2011

#### **Eric Delmelle**

Department of Geography and Earth Sciences  
University of North Carolina at Charlotte  
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Email: Eric.Delmelle@uncc.edu  
Term expires: 2012

### Student Representative

#### **Michael J. Widener**

Department of Geography  
State University of New York at Buffalo  
Buffalo, NY 14260  
Email: mjwidene@buffalo.edu  
Term expires: 2011