

# Cartography Specialty Group

Association of American Geographers



Volume 24, Number 3

Fall 2004

## Words from the Chair

*Jim Young*

Last year, CSG Past Chair Judith Tyner wrote a column for this newsletter in which she discussed terminology, (mis)communication, and the discipline of cartography. I was reminded of her comments as I attended sessions of the recent North American Cartographic Information Society (NACIS) meeting. To many of us, when we say “cartography” we are talking about geographic information science or visualization or one of the many other approaches to handling and analyzing spatial information that have emerged over the past couple decades.

None of us would doubt the value of GIS, GPS, remote sensing, or other computer assisted analysis to the work we do as cartographers. Our students learn skills and develop knowledge that allows them to obtain great jobs and make valuable contributions toward addressing critical social issues. As a department Chair, I have been involved in recent discussions about the development of new programs on campus, programs such as Professional Science masters degree, Emergency Management, and Health Services Management. One topic that keeps coming up over and over in these discussions is the role of GIS. It is heartening to see other disciplines recognize the spatial components of issues and questions in those disciplines, as well as how maps and spatial analysis can contribute to studying those issues. GIS obviously is a powerful horse that we can hitch to some very big wagons in advancing geography and cartography. The key role of GIS and visualization to modern cartography is demonstrated by the CSG sponsored sessions at the AAG annual meeting (see information about the Denver sessions being organized by CSG Vice Chair Michael Leitner elsewhere in this newsletter) and in the manuscripts published in cartographic journals.

Despite the enormous changes in cartography that resulted from the growing sophistication of GIS, it is somewhat

comforting to know that cartographers are still interested in basic questions of defining a map, of symbolization, and of design. GIS and visualization were well represented in the paper sessions at the NACIS meeting, but I was most interested in some of the papers that continued to deal with some of the big themes of cartography: defining the map prototype (“What is a map?”); understanding how people comprehend maps; making decisions about symbolization and design (putting the cartographer “back in control” of the mapmaking process); providing spatial information to a broader audience. The range of methodologies used to explore the issues and questions was impressive, from logging procedures by hand to using MRI to watch how the brain operates as a person performs map tasks.

The NACIS meeting was a wonderful reminder that cartographers have not resolved all the issues of symbolization, design, or communication, despite some very impressive changes in the discipline evolving out of GIS and visualization. Many of us were attracted to cartography by the challenge of map design and production; the act of creating a well-designed map remains extremely satisfying in many ways. There remains a lot of work to be done before we get a firm handle on the idea of a map (as Brian Harley said, “Maps are slippery customers”), but this type of work can be enormous fun. Cartography is a field that still includes a wide variety of practitioners, who might speak somewhat different languages and use somewhat different tools, but all of us ultimately are interested in how a map can convey spatial information. I am looking forward to hearing more about the diverse activities of cartographers at the AAG meeting in Denver and would encourage all of you to participate in the meeting.

James E. Young  
Department of Geography and Planning  
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Boone, North Carolina 28608  
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## Call for CSG Nominations

The Cartography Specialty Group Nominations Committee requests nominees for the following offices up for election:

Vice Chair (2005-2006)  
Academic Director (2005-2007)  
Student Director (2005-2006)

Continuing officers for the coming year include Michael Leitner (who will become the new chair), David K. Patton (Secretary-Treasurer through 2006), Cory Eicher (Non-Academic Director through 2006), Mark Harrower (Academic Director through 2006), and Jim Young (who will become the Past Chair).

Please contact Judith Tyner by December 1, 2004 to suggest possible candidates ([jztyner@csulb.edu](mailto:jztyner@csulb.edu)).

## National Geographic Cartography Award

Undergraduate students and master's-degree candidates are invited to apply for the National Geographic Award in Mapping. This award recognizes student achievement in the art, science, and technology of mapping and seeks to encourage student research. The award consists of a U.S. \$1,200 prize and National Geographic map products.

The award winner, or winners, will be announced at the Annual Meeting of the Association of American Geographers (AAG) in Denver, Colorado, April 5-9, 2005. This award is administered through the AAG Cartography Specialty Group (CSG). Applying students do not need to be members of the AAG.

### 2003-2004 Award Winner

John Nelson, a geography student at Central Michigan University, received the 2003-2004 award for his outstanding digital atlas, "Timeline Atlas of the United States," and academic record. The timeline animation shows the changes in states, territories, presidents, population, and flags from 1776 to the present. His cartography instructor is Professor Amy Lobben.

### How to Apply

Please include the following items in one envelope or package:

- ▶ An example and a technical or design description of a recent map or mapping project that you have done: Maps done from 2003 to 2005 are eligible. This is a great way to make class projects pay off!
- ▶ A letter from your instructor or adviser highlighting academic performance and mapping experience. This letter can be in a sealed envelope with the other items or can be sent separately.

Entries must be postmarked by February 19, 2005.

Please send entries to:  
Professor Mark Harrower  
Chair, CSG Awards Committee  
University of Wisconsin  
Madison, Wisconsin 53706  
E-mail: [maharrower@wisc.edu](mailto:maharrower@wisc.edu)

Contact Mark Harrower or David Miller ([dmiller@ngs.org](mailto:dmiller@ngs.org)) for answers to any questions about this award.

## Call for Papers (November 1<sup>st</sup> Deadline) 22<sup>nd</sup> International Cartographic Conference A Coruña, Spain, July 2005

The International Cartographic Association meets July 9 to 16, 2005, in A Coruña, Spain. Abstracts are due November 1, 2004. The call for papers is posted at <http://www.icc2005.org>.

Please send a copy of your abstract to Cindy Brewer ([cbrewer@psu.edu](mailto:cbrewer@psu.edu)) in October, at the same time you send it to the organizing committee for Spain. I am chairing the U.S. National Committee to ICA. The USNC-ICA has modest travel funds from NSF to offer to people presenting on U.S. cartography. Most of the funds go to presenters who are early in their Cartography/GIScience careers, and we need to know about all presenters from the U.S. to judge how much we will be able to offer. We also want to keep in touch with our presenters as conference planning progresses. I'll post information at [www.usnc-ica.org](http://www.usnc-ica.org); the official ICA site is [www.icaci.org](http://www.icaci.org).

You do not need to be a member of ICA to present (countries are members, not individuals; CaGIS pays the U.S. dues). You also do not need to be a U.S. citizen to represent U.S. Cartography and GIScience at ICA. Please see the list of conference themes linked at [www.icc2005.org](http://www.icc2005.org) for the wide variety of topics encouraged for presentation at the meeting.

Cynthia A. Brewer  
Chair, USNC-ICA [www.usnc-ica.org](http://www.usnc-ica.org)  
Associate Professor of Geography, Penn State

- ▶ A statement of how this award would help you with your educational plans: Please type this on one sheet of paper and include your name, address, phone number, social security number, and cartography/GIS instructor's name.

## Call for Maps 22<sup>nd</sup> International Cartographic Conference A Coruña, Spain, July 2005

The U.S. National Committee of the International Cartographic Association (ICA) invites you to submit your current publications of maps, atlases, and other cartographic products to the *International Map Exhibit* at the 2005 International Cartographic Conference in A Coruña, Spain. The 22<sup>nd</sup> International Cartographic Conference will convene in A Coruña the week of July 9 - 16, 2005.

The International Map Exhibit is the premier international forum for displaying maps, atlases, and other cartographic products. It provides an excellent opportunity to feature the superior quality diverse range of American cartography. Awards will be given by an international panel of judges to products exemplifying excellence in cartography. We encourage you to contribute to this exhibit.

Input forms will be made available from the following website in the near future (once details have been received from ICC 2005 secretary):

<http://www.samford.edu/schools/artsci/geography/icc2005>

Input forms must be submitted to Max Baber (via mail or fax) no later than February 1, 2005 to reserve space for your entry. A separate entry form should be submitted for each item. The information on these forms will be included in a printed catalog of exhibit items for conference participants.

**Exhibit items:** You are encouraged to mail your exhibit items with your entry forms. (It is not mandatory, however.) I will need to receive your items by February 14, 2005. Please provide two copies of any maps or panel displays, and one copy of any table display (atlases, globes, etc.) or digital products (see below). All input forms and exhibit items are to be sent to the address on the instruction form.

**Digital maps:** All digital map entries must be submitted on a CD-ROM. Each CD-ROM must be labeled with the map titles, and simple, explicit directions on how to view the map. If possible, hard-copy versions of the maps should be provided.

Although we are encouraging all entries, space allotted to the United States at the A Coruña exhibit is restricted. Therefore, please limit your choices to your most outstanding products. Any item produced after January 2001 that was not exhibited at the Beijing or Durban conferences is eligible for the exhibit. All items selected

for display will be donated to university libraries in A Coruña following the conference.

Max Baber  
ICA/USNC Exhibit Coordinator  
[RMBaber@samford.edu](mailto:RMBaber@samford.edu)  
205-726-2109

## Master's Thesis Research Grant Call for Applications

November 1<sup>st</sup> is the next application deadline for the Master's Thesis Research Grant Program. These grants are available to masters students working on cartographic research and who are enrolled in a geography degree program. Grants are available to \$300 and may be used for items necessary to research such as travel, materials, equipment, and human subject fees.

An application form can be obtained from the Non-Academic Director (contact information follows). The student also will submit a three-page description of the research plan. Three people review each research plan and provide valuable commentary to the student on the proposal whether funded or not. Other deadlines for submission are March 15 and June 15 of each year. For more details on the program, go to:

<http://www.csun.edu/~hfgeg003/csg/master.html>

Cory Eicher  
CSG Non-Academic Director  
ESRI, Inc.  
380 New York Street  
Redlands, California 92373  
[ceicher@esri.com](mailto:ceicher@esri.com)

## A Lifetime of Cartography: Arthur H. Robinson

Arthur H. Robinson, known for his work, leadership, teaching and scholarship in cartography, passed away October 10.

Professor Robinson served on the faculty of the Department of Geography of the University of Wisconsin-Madison from 1945-1980, teaching courses in cartography and physical geography. He was Chair of the Department from 1954-1958 and 1966-1968, was named Lawrence Martin Professor of Cartography in 1967, and was appointed Professor Emeritus in 1980. Largely through his efforts, the Bachelor's and Master's degree programs in Cartography were established; he was also involved in the founding and administration of the Map Library and the Cartographic Laboratory, becoming the latter's first director between 1966 and 1973; and was

instrumental in the creation of the Wisconsin State Cartographer's Office, serving as Chair of the first Wisconsin Committee on State Cartography.

Professor Robinson authored and co-authored many influential books and articles, including *The Look of Maps*, *The Nature of Maps*, and *Early Thematic Mapping in the History of Cartography*. His widely used textbook, *Elements of Cartography*, first published in 1953, has appeared in several subsequent editions.

Professor Robinson served as president of the International Cartographic Association and the Association of American Geographers. He was the first editor of *The American Cartographer*. In 1981, in recognition of his outstanding scholarly contribution to the theory and development of cartography and in recognition of his leadership in cartographic education and research, Arthur Robinson was awarded the Dr. Carl M. Mannerfelt Medal by the International Cartographic Association.

The Robinson projection was developed by Professor Robinson in 1963. It was the first major map projection to be commissioned by a large private corporation; Rand McNally hired Robinson to develop the projection because they were not satisfied with the ability of existing projections to create intuitively appealing depictions of the entire world. Rand McNally still makes extensive use of the Robinson projection, and the National Geographic Society uses it as well.

### **NACIS Annual Meeting in Portland, Maine**

The 25<sup>th</sup> annual meeting of the North American Cartographic Information Society (NACIS) recently convened in Portland, Maine. More than 160 professional cartographers, academics, and map librarians attended this event, sharing papers, posters, and conversations about the lively practices associated with maps and mapping.

Joseph Wood, Provost and Vice-President for Academic Affairs at the University of Southern Maine (USM) presented "Representing the New England Village – Places, Maps, and Minds" at the Opening Session, and Robert Nannay from the USM Department of Technology presented "Doctor Bob's Planet Earth Review" at the Annual Banquet.

Highlights from the Poster Session included "Prisoners of the Census: Mapping How Prison Populations Change the Political Landscape" by Rose Heyer and Peter Wagner of the Prison Policy Initiative and "Outsider Maps: Some Examples of Cartographic Disobedience through Direct-Contact, Observation & Response" by Steven R. Holloway.

Paper session highlights included "Mapmaking for the Census Atlas of the United States" by Alex Tait, "From GIS to Graphics Software: When Do You Bail?" by Cindy Brewer and Charlie Frye, "Evaluating National Park Service 3D Trailhead Maps" by Tom Patterson, and "Resolution and Representing Physical and Topographic Features at Different Scales" by Barbara Battenfield.

Practical Cartography Day provided an opportunity for attendees to benefit from professional project and software experiences. Conference organizers Trudy Suchan (NACIS president), Mike Hermann (local arrangements coordinator), Susan Peschel (NACIS treasurer), Lou Cross (NACIS executive director) did an exceptional job of managing this event.

### **ACSM 32<sup>nd</sup> Annual Map Design Competition**

The purpose of these awards is to promote interest in map design and to recognize significant design advances in cartography. The competition is open to all map-makers in the United States and Canada. Noted cartographers and designers judge the entries based on the following criteria: color, overall design and impression, craftsmanship, and typography. Entries will be displayed at a number of other national and international professional functions and will then become part of the permanent collection of the U.S. Library of Congress. Note that this competition is for map design; therefore, judging will be based on cartographic design criteria, such as creativity, text (spelling and grammar, too), balance, unity, clarity, use of color, title, and subject matter.

Students are particularly encouraged to apply for the NGS awards. The competition is open to all college-level student mapmakers who have completed and/or published the submitted map during 2004. Each award consists of a cash prize (\$200), a National Geographic Atlas, and a certificate of award. Runner-ups will receive a beautiful National Geographic map or atlas.

The deadline for this year's competition is January 15, 2005. Maps completed during 2004 are eligible. Each award is described below.

#### **Professional Category**

- *Best of Show*
- *Best of Category*
  - *Reference*: A map whose objective is to show the location of a variety of different features. The focus of a reference map is on accurate depiction at a given scale of the location of individual environmental features.
  - *Thematic*: A map whose objective is to illustrate a theme or the relationship among several themes. The focus of a

- thematic map is on the structure of the distribution rather than on location.
- *Book/Atlas*: Atlases and books use original maps as the primary (in the case of an atlas) or a significant (in the case of a book) communication device.
  - *Recreation/Travel*: A map designed to assist readers in pursuit of recreation or travel, such as road maps, trail maps, and maps of parks or natural areas.
  - *Interactive Digital*: A map that is designed for digital media (Internet, CD, DVD). Maps in this category include some level of interactivity, such as selection and transformation, or animation.
  - *Other*: This category is for submissions that do not fit into any other category. Judges reserve the right to assign entries to another category if they feel it is appropriate and will offer an award only for an exceptional map that does correspond with the other categories.

#### **Student Category**

- *National Geographic Society Award for Best Student Map Design*
  - Printed -- A map printed on paper.
  - Electronic -- A map or series of related maps designed specifically for electronic media (i.e., maps on CD, DVD, the Web, etc.)

#### **Enter the Competition**

Submit three copies of entries in the Professional category and two in the Student category. The fees are \$10 per student map and \$20 per professional map.

Please send entries to:

ACSM Map Competition  
6 Montgomery Village Avenue  
Suite 403  
Gaithersburg, MD 20879

For further information, see [www.acsm.net](http://www.acsm.net) or call (240) 632-9716 ext.109.

#### **Last Year's Winners**

See excerpts from last year's award winners at <http://www.acsm.net/cagis/03mapwinners.html>.

For additional information:

<http://www.nationalgeographic.com/maps/caward/index.html#cong>

## **New Publication from ICA Commission on Visualization and Virtual Environments**

The *ICA Commission on Visualization & Virtual Environments* is pleased to announce the forthcoming publication by Elsevier Science of *Exploring Geovisualization* (Jason Dykes, Alan M. MacEachren, and Menno-Jan Kraak editors) – due late fall. This refereed book, includes collaborative and individual chapters that derive from an multidisciplinary workshop held at the City University in London Department of Informatics. Several additional chapters were solicited after the workshop to provide depth and breadth. The quote below from the concluding chapter provides a preview of what to expect.

“In the introduction to this book we define geovisualization as a loosely bounded domain that addresses the visual exploration, analysis, synthesis and presentation of data that contains geographic information by integrating approaches from disciplines including cartography with those from scientific visualization, image analysis, information visualization, exploratory data analysis and GIScience. The chapters that have followed offer individually and collectively presented examples of ways in which these disciplines can provide theory, methods and tools for a field that can be considered a new branch of cartography that results in an increasingly interdisciplinary role for the map. As we have seen, this is not the ‘map’ as many readers will know it. While retaining the traditional roles of information repository and presentation device, the modern map should also be seen as a flexible, usable and carefully designed interface to geospatial data. Maps for geovisualization draw upon sophisticated and elegant computational tools to offer interaction with the data behind the representation. They are instruments that encourage exploration of the nature of the geospatial data at hand. As such they are used to stimulate (visual) thinking about geospatial patterns, relationships, and trends and are increasingly employed throughout the GIScientific process. As many contributions in this book have demonstrated, maps for geovisualization often consist of multiple transitory linked views, each displaying a specific alternative representation of any number of phenomena. When designed from a user-centred perspective these instruments for insight can support distributed information access and act as an active mediator among human collaborators in group work with geospatial information. Creating maps that support map use of this form requires geovisualization to be wide in scope, as our exploration has demonstrated.”

Visit the following website for more details:

[http://www.elsevier.com/wps/find/bookdescription.cws\\_home/703524/description#description](http://www.elsevier.com/wps/find/bookdescription.cws_home/703524/description#description)

## New Services for AAG Specialty Groups

Doug Richardson, AAG Executive Director recently announced plans for implementing several new computerized and online services for use by all AAG Specialty Groups, designed to streamline SG reporting requirements, provide automated updating of SG membership and list-serve information, and create an online communications environment for SGs to use for managing their operations and communicating with their membership. As part of this new program, the AAG will:

1. Provide and host free list-serves for all AAG Specialty Groups. Included in this service will be several other advanced "e-communities" communication services (e.g., chat rooms, etc.)
2. Provide automated, near real-time updating of SG list-serves to all specialty groups.
3. Handle the accounting, check-writing, and book-keeping services at no charge for any SG that wishes to use this service.
4. Create a new online interactive "SG Administrators Only" Web page to enable SG chairs to update the SG officer and contact information, upload annual reports or financial information easily and quickly online, and post short messages to visitors to the Web site.
5. Create a new AAG Specialty Group page on the AAG Web site that will provide summary information about all AAG Specialty Groups, including the SG mission, updated officers and contact information, a link directly to the SG Web site (if it has one), and to the most recent SG annual report.

The process for implementing these changes is currently underway and should be available in the very near future.

## USGS Map of US Wilderness Areas

*Joseph Kerski*

Stock # 101414

Price: \$7.00 for the maps plus \$5.00 handling

Size: 40x49 inches

In 1964, the US Congress established the National Wilderness Preservation System under the Wilderness Act. From the swamps of the southeast, to the tundra in Alaska, from the hardwoods of the northeast to the deserts of the southwest, wilderness is found in all but six of the United States. The Bureau of Land Management, Fish and Wildlife Service, National Park Service and the Forest Service are charged with the responsibility to preserve the natural condition of these lands and provide outstanding opportunities for primitive and unconfined wilderness experiences. This year marks the 40th anniversary of the

Wilderness Act. Americans from all walks of life can value wilderness as part of their heritage

Federal lands qualifying as wilderness must be designated by Congress through legislation. In some cases, federal agencies recommend suitable lands. In other instances, citizens put forth proposals for consideration by Congress. The process culminates when legislation is passed by Congress and is signed by the current president. To find out more about the Wilderness Act go to:  
<http://laws.fws.gov/lawsdigest/wildrns.html>

The U.S. Geological Survey, working with the Aldo Leopold Wilderness Research Institute, compiled a new 1:5,000,000 scale map of wilderness areas in the United States. This colorful, 2-sided, flat map is a 2004 revision of a previously-folded 1987 edition. One side shows locations of wilderness areas on a map of the lower 48 states, with insets of Alaska and Hawaii. The other side explains what a national wilderness is along with pictures. Also included is a list of all wilderness areas in the United States, how much acreage they cover, which agency oversees them, and the year they became a wilderness. Another chart shows the percentage of each state that is covered by wilderness.

For a paper copy, contact any USGS Earth Science Information Center (ESIC). To locate the nearest ESIC, call 1-888-ASK-USGS, or visit: <http://www.usgs.gov>. Orders may be placed through the USGS Store at: <http://store.usgs.gov>

## Poster of the World Heritage Site covering parts of Alaska, British Columbia, and the Yukon Territory

*Joseph Kerski*

By: Keith A. Labay and Frederic H. Wilson

Stock # 116124

Price: \$7.00 for the map plus \$5.00 handling

Size: 42x36 inches

This U.S. Geologic Survey's Scientific Investigations Map 2819 was prepared in cooperation with the National Park Service, Parks Canada, and British Columbia Parks. The poster is printed in English and French and is at a scale of 1:750,000.

The four parks depicted on this map make up a single World Heritage Site that covers 24.3 million acres. Together they comprise the largest internationally protected land-based ecosystem on the planet. The United Nations Educational, Scientific, and Cultural Organization (UNESCO) established the World Heritage Program in 1972 for the identification and protection of the world's irreplaceable natural and cultural resources. World

Heritage Sites are important as storehouses of memory and evolution, as anchors for sustainable tourism and community, and as laboratories for the study and understanding of the earth and culture. This World Heritage Site protects the prominent mountain ranges of Kluane, Wrangell, Saint Elias, and Chugach. It includes many of the tallest peaks on the continent, the world's largest non-polar icefield, extensive glaciers, vital watersheds, and expanses of dramatic wilderness.

To view and/or download this poster, go to: <http://pubs.usgs.gov/sim/2004/2819>. If you want to download the poster, you may do so at this site - be sure to right click on the PDF link; otherwise, Acrobat reader may crash. For a paper copy, contact any USGS Earth Science Information Center (ESIC). To locate the nearest ESIC, call 1-888-ASK-USGS, or visit: <http://www.usgs.gov>. Orders may be placed through the USGS Store at: <http://store.usgs.gov>

### Submit to *Cartographic Perspectives*

You are invited to submit a manuscript for publication consideration in *Cartographic Perspectives (CP)*. If you are unfamiliar with *CP*, please visit the web site at [www.nacis.org](http://www.nacis.org) and look at the content pages of past issues. During the past three years there have been a number of changes that are making *CP* a solid journal in cartography. Some of these changes include official copyrights, a higher submission rate of manuscripts resulting in a higher rejection rate, color now available for all issues, and more stringent reviews from a very diverse editorial board. Currently, *CP* is indexed in Current Geographical Publications, and in GEOREF. Indexing, of course, provides greater exposure of your work. The editors of *CP* are working on having *CP* indexed by GEOBASE at Elsevier, which would be the most effective indexing database for *CP*. All of these changes increase the profile of *Cartographic Perspectives*, creating a journal that has a broad and diverse audience.

The editorial board of *CP* has strived to have manuscripts reviewed within a 4 week time period, and to have accepted and/or revised manuscripts published within 3 months of their receipt. We have been successful achieving the 4-week review period, and with the selection of a new printing company, we are seeing faster turn around times for the delivery of each issue.

The preferred medium for receiving manuscripts is either PDF or WORD format, as an email attachment to an email. This medium facilitates the review and editing process for the editorial board. You can send your manuscript to the Editor, Scott Friendschuh at [sfriends@d.umn.edu](mailto:sfriends@d.umn.edu). If you prefer, you can send 4 copies of your manuscript to the Editor at Geography Department, 329 Cina Hall, University of Minnesota, Duluth, MN 55803.

### Cartographic Web Sampler

*Forward to editor any links you would share with CSG.*

This website provides maps that profile surprisingly high growth rates among minority populations in rural counties, an increase associated with US incarceration practices.

<http://www.prisonersofthecensus.org/>

In 48 states prisoners cannot vote, but the Census counts the nation's mostly urban prisoners as residents of the mostly rural towns that host prisons. Every decade, states use these "phantom" populations to redraw state legislative boundaries and re-apportion political representatives and power accordingly. With U.S. incarceration now setting worldwide records, and the consequences of that falling disproportionately on people of color, the harm to our democracy and civil rights is measurable and profound.

### CSG Sponsored Sessions – AAG 2005 Denver

Session Title: Visualization and Mining of Spatial Data  
Organizers: David Wong [dwong2@gmu.edu](mailto:dwong2@gmu.edu)  
Dan Carr [dcarr@gmu.edu](mailto:dcarr@gmu.edu)

Co-Sponsors: Spatial Analysis and Modeling, GIS

Session Title: Geographic Visualization  
Organizers: Rob Edsall [RobEdsall@asu.edu](mailto:RobEdsall@asu.edu) and  
Amy Lobben  
[lobben@darkwing.uoregon.edu](mailto:lobben@darkwing.uoregon.edu)

Session Title: Distributed GIS  
Organizer: Chaowei (Phil) Yang [cyang3@gmu.edu](mailto:cyang3@gmu.edu)

Session Title: Mapping Situation Awareness for the Military  
Organizer: Yaïves Ferl  
[yaives.ferland@drdc-rddc.gc.ca](mailto:yaives.ferland@drdc-rddc.gc.ca)  
Co-Sponsor: Military Geography

Session Title: Towards Mapping Humanity's Knowledge and Expertise  
Organizer: Katy Börner [katy@indiana.edu](mailto:katy@indiana.edu)  
Andre Skupin [askupin@uno.edu](mailto:askupin@uno.edu)  
Co-Sponsor: GIS

### Calendar

**November 7-10, 2004.** Urban and Regional Information Systems Association. Reno, Nevada.  
<http://www.urisa.org>

**April 5-9, 2005.** Association of American Geographers annual meeting. Denver, Colorado..  
<http://www.aag.org/>

**March 6-9, 2005.** Geospatial Information and Technology Association Conference. Denver, Colorado.

<http://www.gita.org/events/annual/28/index.html>

**March 18-23, 2005.** Autocarto 2005: A Research Symposium. Las Vegas, Nevada.

<http://www.acsm.net/cagis/carto2005/>

**July 9-16, 2005.** International Cartographic Conference. A Coruña, Spain

<http://www.icc2005.org/>

**July 25-29, 2005.** ESRI User Conference. San Diego, California.

<http://www.esri.com/events/uc/>

**September 8-11, 2005.** British Cartographic Society annual symposium. Plymouth, England.

<http://www.cartography.org.uk/>

**October 5-8, 2005.** North American Cartographic Information Society. Salt Lake City, Utah.

<http://www.nacis.org>

## Newsletter Deadline

Submission of items for the next CSG newsletter should be received by January 30<sup>th</sup> for the winter issue. Please send items of interest to:

Max Baber  
Department of Geography  
Samford University  
Birmingham, Alabama 35229  
[RMBaber@samford.edu](mailto:RMBaber@samford.edu)

## How to Change your AAG Contact Info ...

Have you experienced problems receiving Cartography Specialty Group information via the CSG listserv? Update your contact information directly through AAG.

Member contact information (address, email, phone) can be updated via the AAG website (<http://www.aag.org>). Select "Change of Address" from the "Membership" tab on the home page and follow the directions to update all of your member information.

## 2004-2005 CSG Officers

### *Chair (2004-2005)*

James E. Young  
Department of Geography and Planning  
Appalachian State University  
Boone, North Carolina 28608  
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### *Vice-Chair (2004-2005)*

Michael Leitner  
Department of Geography and Anthropology  
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### *Secretary/Treasurer (2004-2006)*

David K. Patton  
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### *Academic Director (2003-2005)*

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### *Academic Director (2004-2006)*

Mark Harrower  
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### *Non-Academic Director (2004-2006)*

Cory Eicher  
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