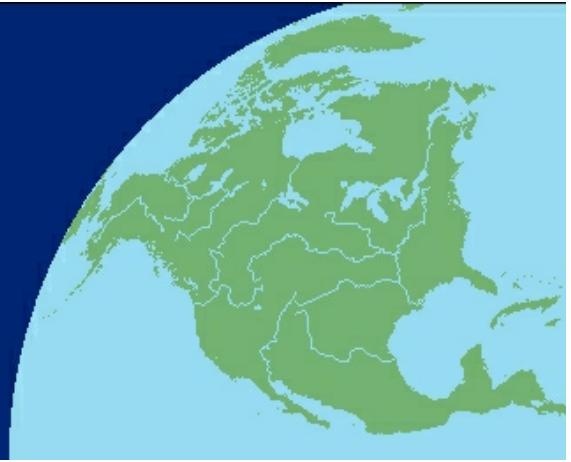


# Cartography Specialty Group

Association of American Geographers



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## Words from the Chair

*Judith Tyner*

I have noticed that recent chairs have kept their final messages short. Perhaps this is because the meetings are looming, but whatever the reason, I am not one to break a tradition.

The Philadelphia centennial meeting is less than a month away and, of course, I encourage you to attend CSG sponsored sessions – but I also encourage you to attend the business meeting, Monday, March 15. We need to have more members taking an active part in the group and its direction. With more participants we have better discussions, and new ideas. If you have suggestions for the agenda, please forward them to me.

I would also like for members to spread the word about student opportunities. While our grant recipients have been worthy, it would be good to have more applicants. I'd also like to see more participation in the map design competitions. I know it is hard to convince students to apply, I'm having trouble pushing mine also, but this is one of our primary ways of attracting students to the field and the organization

I would like to thank the outgoing board for their service. It is these people who really do the work of the organization: Jim Young, Vice Chair; Larry Handley, Secretary/Treasurer; Max Baber and Karen Mulcahy, Academic Directors; Scott Loomer, non-academic director, Renee Louis, Student Director, and Rex Cammack, Past Chair. Special thanks have to go to Max Baber for wearing two hats and putting together this newsletter three times a year, and to Gene Turner for maintaining the website. If you haven't looked at the site, please do so and note that past newsletters can be found there as well as useful links to other sites. Max and Gene not only keep members up to date on CSG activities, they provide our public persona.

I will close with some statistics that might be worth pondering and perhaps discussing at the meetings. Since 1994 the percentage of AAG members declaring a proficiency in cartography has increased slowly after a long decline. During that same time period the percentage of AAG members belonging to CSG has declined slightly. How can we explain this? Can we change this? How?

I look forward to seeing you in Philadelphia.

Judith Tyner  
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## Harold Moellering Awarded ICA Honorary Fellowship

Dr. Harold Moellering – professor of geography at The Ohio State University and Director of the Numerical Cartography Laboratory – was awarded an Honorary Fellowship by the International Cartographic Association at their 2004 conference in Durban, South Africa, for his contribution to ICA as chair of the Standards commission and for his furtherance of standards in the international digital cartographic community. He has served on many national committees including the U.S. National Committee for ICA and the U.S. National Academy of Sciences - National Research Council Committee on Cartography. He has also served on editorial boards for cartography and GIS journals. His research specialties include numerical, analytical and dynamic cartography, and geographic information systems.

Professor Moellering's central contribution to ICA has been as chair of what is now the Commission on Spatial Data Standards. He has chaired the Commission for several terms and has overseen numerous productive

workshops and Commission meetings in a wide variety of venues. During his tenure, the Commission has produced three books, all published by Elsevier: *Spatial Database Transfer Standards: Current International Status* (1991), *Spatial Database Transfer Standards 2: Characteristics for Assessing Standards and Full Descriptions of the National and International Standards in the World* (1997), and *World Spatial Metadata Standards* (currently in press). He has also served on numerous other standards committees, both national and international, has presented many papers at ICA and other professional meetings, and has published in and edited special issues of cartography and GIS journals.

### **Master's Thesis Research Grant Call for Applications**

March 15<sup>th</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 November 1 and June 15 of each year. For more details on the program, go to:

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

Scott Loomer  
CSG Non-Academic Director  
NIMA  
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[LoomerSc@nima.mil](mailto:LoomerSc@nima.mil)

### **GIS & History at Newberry Library**

On 25 - 27 March 2004, the Newberry Library's Hermon Dunlap Smith Center for the History of Cartography will host "History and Geography: Assessing the Role of Geographical Information in Historical Scholarship." This conference is devoted to assessing the many dimensions of historians' rapidly growing interest in geographical methods and sources and Geographical Information Systems (GIS) in particular. Scholars engaged in historical research in the humanities, social sciences, and earth sciences will address emerging issues, including how to acknowledge the uncertainty and context of historical sources within the logical structure and visual

representations of geo-spatial techniques, whether those techniques are contributing to a new positivism in history, and how geographers and historians can work together to improve geo-spatial methods and the quality of research based upon them.

Papers will be available to registrants on-line before the conference. Participants familiar to geographers include Michael Goodchild, Trevor Harris, James Akerman, Anne Knowles, Mei-Po Kwan, Stuart Aitken, John Krygier, David Rumsey, and Ian Gregory. Panels will also include leading scholars representing eight disciplines, including history, art history, sociology, religion, and environmental science. This conference is funded by the National Endowment for the Humanities, with additional support from ESRI.

Persons wishing to attend the conference must register by 27 February 2004. For additional information and registration materials, contact:

The Hermon Dunlap Smith Center  
The Newberry Library  
60 W Walton St, Chicago IL 60610  
email: [smithctr@newberry.org](mailto:smithctr@newberry.org)  
web: <http://www.newberry.org/hgis>.

### **Cartographic Web Sampler**

Forward to editor any links you would share with CSG.

<http://www.enriquegarcia-barthe.com.ar>

Enrique García Barthe – a former cartographer with the Argentine Naval Hydrography Service – is soliciting comments regarding his presentation on the discovery of pre-Columbus maps of America to the IV Americanist Congress. Send comments to: [egbarthe@yahoo.com.ar](mailto:egbarthe@yahoo.com.ar).

<http://www.math.yorku.ca/SCS/Gallery/re-minard.html>

Michael Friendly – in psychology at York University in Toronto – provides an entertaining sampling of "entries" to improve upon the design of Charles Joseph Minard's classic statistical map of Napoleon's disastrous 1815 March on Moscow submitted for a "Re-Visioning Minard Contest."

<http://www.map-projections.org>

New project website for ICA working group on Map Projections will provide charter, projects, terminology, projection names, bibliography, links, and members' workshop information.

### **NEH Summer Institute at Newberry Library**

The Newberry Library's Hermon Dunlap Smith Center for the History of Cartography invites college and university

faculty nationwide to apply for its 2004 NEH summer institute, Reading Popular Cartography. This 5-week institute will foster an interdisciplinary appreciation of the nature and impact of cartography in popular culture. Major themes to be explored include "Map Production and the Modern Map Trade," "Maps in Literature and the Arts," "Maps in the Public Sphere" and "Mapping and Making American Identity." Participants will collectively discover and explore the relevance of popular cartography to their own courses and research.

Completed applications must be postmarked no later than 1 March 2004. Successful applicants will be notified of their selection on 1 April 2004. Successful applicants will receive a stipend of \$3,250 intended to defray travel, housing, and research expenses.

Additional information and application materials are available at [www.newberry.org/popcart](http://www.newberry.org/popcart) or by contacting Susan Hanf at [hanfs@newberry.org](mailto:hanfs@newberry.org), 312-255-3659.

Susan Hanf  
The Hermon Dunlap Smith Center  
for the History of Cartography  
The Newberry Library  
60 W Walton Street  
Chicago, IL 60610 USA

### **NACIS Annual Meeting in Portland, Maine October 6-9, 2004**

Plan ahead for NACIS XXIV in Portland, Maine October 6 through 9. About 150 people attend the annual meeting for a lively mix of papers, posters, and events that allows for easy interaction among the attendees. You can get the flavor of the papers, hands-on workshops, seminars, cartographic exhibits, and field trips by perusing last year's program ([www.nacis.org/pdf/final\\_program\\_XXIII.pdf](http://www.nacis.org/pdf/final_program_XXIII.pdf)).

October 6 will be a day-long pre-conference event on practical cartography. It is a very popular event for those interested in production cartography issues.

Hundreds of map makers, map librarians, map historians, map educators, and map distributors from private, academic, and government organizations belong to NACIS. Take a look at [www.nacis.org](http://www.nacis.org) - you're sure to fit in. If you don't recall getting information from NACIS about last year's conference, e-mail [veep@nacis.org](mailto:veep@nacis.org) to receive this year's call for papers in the early spring and in mid-summer, the preliminary program, conference registration materials, and further information about Practical Cartography Day.

Trudy Suchan, NACIS XXIV Program Chair  
[trudy.a.suchan@census.gov](mailto:trudy.a.suchan@census.gov)

### **Book Reviewers Needed for *Cartographic Perspectives***

I have the following books to be reviewed for *Cartographic Perspectives*. Anyone interested? Please send an e-mail to me at [VASILIEV@GENESEU.EDU](mailto:VASILIEV@GENESEU.EDU).

*Manual of Aerial Survey: Primary Data Acquisition*  
Roger Read and Ron Graham

*Historical Atlases: The First 300 Years 1570-1870*  
Walter Goffart

*Applied Environmental Economics: A GIS Approach to Cost-Benefit Analysis*  
Ian Bateman, et al

*A Railroad Atlas of the United States in 1946: Vol. 1 The Mid-Atlantic States*  
Richard Carpenter

*Maps and the Internet*  
Michael Peterson, ed.

*Connecting Our World: GIS Web Services*  
Winnie Tang and Jan Selwood

*Advanced Spatial Analysis: The CASA Book of GIS*  
Paul A. Longley and Michael Batty, eds.

*Thinking About GIS: GIS Planning for Managers*  
Roger Tomlinson

*Past Time, Past Place: GIS for History*  
Anne Kelly Knowles, ed.

*Mapping the News: Case Studies in GIS and Journalism*  
David Herzog

*Community Geography: GIS in Action (+teacher's guide)*  
Kim Zanelli English and Laura S. Feaster

Dr. Ren Vasiliev, Book Review Editor  
*Cartographic Perspectives*  
Department of Geography  
State University of New York, College at Geneseo  
Geneseo, NY 14454  
[vasiliev@geneseo.edu](mailto:vasiliev@geneseo.edu)  
585-245-5297

### **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. *CP* will be on track by Spring, 2004.

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 Freundschuh at [sfreunds@d.umn.edu](mailto:sfreunds@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.

## Map News from USGS

### *New Education USGS Map Catalog Released*

This catalog of 200 maps is a supplement to the new USGS Map Catalog and Store. It contains images and descriptions about the 200 most useful maps for education. View catalog at <http://rockyweb.cr.usgs.gov/mapcatalog>.

### *New USGS Map Store Online*

The U.S. Geological Survey (USGS) announces the release of the USGS Store, its online map catalog of ALL its maps, 1 January 2004. The USGS Store will provide online ordering access to all published products distributed by the USGS. The catalog is online at <http://store.usgs.gov>.

The new USGS Store is a full online catalog of products that initially presents thumbnail images of all 7.5-minute topographic maps along with larger images of other selected maps. Many of the products will also have detailed descriptions available. All USGS published products (maps, books, general interest publications, etc.) will be available from the store. That means all the

planetary maps, geologic maps, water resources maps, minerals maps, landforms maps, and others of our 55,000 topographic maps and 20,000 thematic maps, from local to global. In addition to USGS products, the Catalog carries the products of other agencies that are available from the USGS: for example, US Forest Service maps of National Forests, National Geospatial-Intelligence Agency (NGA) maps of Vietnam and other countries, historic maps from the Library of Congress, and land-management maps from the US Bureau of Land Management.

This functionality provides a new method to communicate recent news and product advertisements of USGS published products. Ordering options enable users to charge to an account, a project number, or a credit card. The site also enables customers to check their order status and receive email confirmations.

The USGS Store will replace Earth Explorer and MapFinder for the searching and ordering of maps. A notice and a link to the USGS Store will be posted on both sites to inform users of the change in map ordering. The products can also be ordered from a network of authorized USGS retailers. A listing of retailers, by State, is available on the Store and also at: <http://mapping.usgs.gov/www/partners/bpmain.html>. For more information about the USGS and the products it offers, call 303-202-4200, or 1-888-ASK-USGS.

### *New Mars Map Published*

Very timely new map, below!

Stock #: 115419

Price: \$14.00 for the maps plus \$5.00 handling

The newest map of Mars, Geologic Investigations Series I-2782, is a two-sheet set containing a topographic version of Mars, and a color-coded contour map of the planet. The map was prepared on behalf of the Planetary Geology and Geophysics Program, Solar System Exploration Division, Office of Space Science, National Aeronautics and Space Administration (NASA). It is based on data from the Mars Orbiter Laser Altimeter (MOLA), an instrument on NASA's Mars Global Surveyor (MGS) spacecraft. The image used for the base of this map represents more than 600 million measurements gathered between 1999 and 2001, adjusted for consistency between 2001 and 2003, and converted to planetary radii.

To create the topographic base image, the original DEM produced by the MOLA team in Simple Cylindrical projection was projected into the Mercator and Polar Stereographic pieces. A shaded relief was generated from each DEM. Illumination is from the west, which follows a long-standing USGS tradition for planetary maps. This allows for continuity in the shading between

maps and quadrangles, and most closely resembles lighting conditions found on imagery. The DEM values were then mapped to a smooth global color look-up table. These two files were merged and scaled to 1:25 million for the Mercator portion and 1:15,196,708 for the two Polar Stereographic portions, with a resolution of 300 dots per inch. The projections have a common scale of 1:13,923,113 at +56 degrees latitude.

The map is available from 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>.

#### *Maps of Ecuador and Paraguay Now Available*

The National Geospatial Intelligence Agency (NGA), formerly known as the National Imagery and Mapping Agency (NIMA), has recently released maps of Ecuador and Paraguay to the public. The Ecuador maps are at a scale of 1:50,000, and the Paraguay maps are at a scale of either 1:50,000 or 1:100,000. They show contours, and include populated places, roads, railroads, boundaries, vegetation, and hydro information. They may also include navigational information, such as the maximum elevation within a 10,000 meter box, radio towers, and visual aids and obstructions.

USGS is the sales agent for the public distribution of NGA topographic map products and digital cartographic data. NGA is a national intelligence and combat support agency whose mission is to provide timely, relevant and accurate Geo-spatial Intelligence in support of our national security. Geo-spatial Intelligence is the exploitation and analysis of imagery and geo-spatial information to describe, access and visually depict physical features and geographically referenced activities on the Earth.

The maps are available through the U.S. Earth Science Information Center (ESIC). To locate the nearest ESIC, call 1-888-ASK-USGS, or visit: <http://www.usgs.gov>. Orders may also be placed through the USGS Store at: <http://store.usgs.gov>.

Price: \$7.00 for the 1:50,000 scale maps, or \$10.00 for the 1:100,000 scale maps, plus \$5.00 handling for each order. Date of maps undetermined.

Joseph J. Kerski  
US Geological Survey  
[jjkerski@usgs.gov](mailto:jjkerski@usgs.gov)  
303-202-4315  
<http://rockyweb.cr.usgs.gov/public/outreach/>

## Calendar

**March 14-19, 2004.** Association of American Geographers annual meeting. Philadelphia.  
<http://www.aag.org/>

**March 25-27, 2004.** History and Geography: Assessing the Role of Geographical Information in Historical Scholarship. Newberry Library's Hermon Dunlap Smith Center for the History of Cartography. Chicago.  
<http://www.newberry.org/hgis>

**April 18-22, 2004.** American Congress on Surveying and Mapping Conference. Nashville.  
<http://www.acsm.net/acsmconf04.html>

**April 25-28, 2004.** Geospatial Information and Technology Association Conference. Seattle.  
<http://www.gita.org/events/annual/27/intro.html>

**October 6-9, 2004.** North American Cartographic Information Society annual meeting. Portland, Maine.  
<http://www.nacis.org>

## Newsletter Deadline

Submission of items for the CSG newsletter should be received by April 31<sup>st</sup> for the spring issue. Please send to:

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

## Address Changes

The CSG receives its email addresses and mailing labels from AAG Headquarters. Changes or corrections to the mailing list should be sent to:

Director of Membership  
Association of American Geographers  
1710 Sixteenth Street, NW  
Washington, DC 20009-3198  
[address@aag.org](mailto:address@aag.org)

## **2003-2004 CSG Officers**

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### ***Secretary/Treasurer (2002-2004)***

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### ***Student Director (2003-2004)***

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### ***Past Chair (2003-2004)***

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### ***Newsletter Editor***

R. Maxwell Baber  
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### ***Editor's Personal Note:***

Cartographer's apprentice Angus Harrison Baber was born February 17<sup>th</sup> to the son of a navigator (WW II, B-24).