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PRESIDENT'S COLUMN

by Lisa G. Dunn

Budgets are a big concern to many of us this year. Our budget forecasts for higher education in Colorado don't look good and I know others are also in trouble. Our users want more electronic access even as we may be forced to make cuts. I'm going over journal lists and user statistics in a comparison study on applied science databases, tedious work but necessary if we're going to justify our resources with quantitative data. If you have experiences to share, I'm sure we would appreciate postings on Geonet or even articles in the Newsletter.

Committees. I've been working on committee assignments; a preliminary list appears in this newsletter as well as on our GSIS website. If you see any errors, have comments, or would like to be appointed to a committee, please contact me. I've received a lot of positive responses so far, but still have some positions to fill. On a logistical note, according to Society procedures committee appointments are for two years and begin with the annual meetings. However, some members have indicated to me that they are often still involved in committee clean-up work in the month following the annual meeting; the new president usually doesn't finalize committee appointments until into the next year in any case. With the concurrence of the Executive Board, I have appointed incoming committee members to start in January 2003. If this shift forward causes problems, please let me know.

This year the committees will be asked to review and update their charges, so that we may bring any significant changes to the next Annual Business Meeting. Included in our ongoing work on this is a review of the status of the Archives and Public Affairs committees. Because of its mission and past activity levels, the Archives Committee may be replaced by a Society Archivist position, with photogra-

phers recruited for specific events. The Public Affairs Committee may become inactive; another possibility is that the Committee may eventually be restructured to consist of our existing representatives to other organizations, who will carry out their tasks as usual, share information among themselves, and report to the Society as a group. These are not small changes and they depend on the membership, so feedback is welcome.

VICE PRESIDENT'S COLUMN

by Lura Joseph

It seems like the 2002 Denver meeting is barely over, and already plans are in full swing for the 2003 GSIS/GSA meeting. The theme for the GSA annual meeting in Seattle, November 2-5, 2003, is "Geoscience Horizons." The 2003 GSIS topical session has been submitted to GSA and it is currently being considered. The theme is purposely broad enough to cover nearly any subject related to geoscience information. Abstract submittals this past year were rather sparse, and we certainly would not want to end up without a topical session. Therefore, please seriously consider submitting an abstract for a talk or a poster session. **The deadline for abstract submissions is July 15.** Papers are published in the Geoscience Information Society Proceedings, and therefore should not have been published elsewhere.

The GSIS topic for 2003:

Theme: Geoscience Information Horizons: Challenges, Choices, & Decisions

Summary: Geoscience information professionals are confronted with challenges and opportunities in all areas including collections and use of collections. New technologies present a variety of choices, and the decisions made will effect geology collections and information users now, and far into the future.

Rationale: Geoscience information professionals are confronted with challenges and opportunities in all areas. New technologies present a variety of choices, and the decisions made will effect geology collections and information users now and far into the future. Opportunities and challenges exist in the areas of collections and use of collections including materials selection, preservation, archiving, shelving of materials, budgetary considerations, user education/

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GSIS members are encouraged to contribute materials for publication. Material for the April, 2003 issue should be received no later than March 21, 2003. If possible, please send materials by e-mail.

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information literacy, current awareness, and managing exponentially increasing geological information.

Choices include a variety of formats, technologies, and methods. Decisions regarding participation in journal packages and consortia can have a major impact on collection development by restricting cancellation options. Budgetary constraints force decisions between journals and monographs. Management of large numbers of electronic journals leads to decisions related to cataloging, and whether to create in-house management systems or subscribe to journal management systems. The bewildering assortment of information databases available to patrons is leading to creation and implementation of portal technology, and to new instructional programs. Preservation continues to be a concern as print collections age and deteriorate, and other geological information collections such as samples and cores are endangered. Archiving of digital geological information is also a concern. There is an increasing need for metadata and citations for non-standard geological material. Open archives initiatives are being supported to enhance access to information. Academic and survey libraries are threatened by budget cuts.

These are only a few of the issues faced by geoscience information professionals. Current decisions will have far-reaching implications for the future of geoscience information therefore discussion of these issues is imperative. This session provides an opportunity for speakers to present their research and projects in these areas.

GSIS forums: A draft schedule for the GSIS forums will be due in early February. A number of members have requested fewer meetings and more free time, therefore I will be contacting the committee chairs for input regarding possible consolidation of some forums. Consolidation might also reduce meeting costs, a critical factor. I anticipate that the forums will be as dynamic, interesting, and well-attended as they were this past year.

Good News! Marten Stavenga, Publishing Director of Elsevier Science, has notified me that they will sponsor the GSIS reception again in 2003. We greatly appreciate their generous support of the event.

Please contact me if you have any questions or comments regarding the 2003 meeting (luraj@uiuc.edu)

PRELIMINARY APPOINTMENTS: COMMITTEES

2-year appointments

Archives

Purpose: Responsible for archiving and preservation of Society records.

Chair: Mary Krick, 2003-2005

Photographer: Diane Baclawski, 2003-2005

Chair: Charlotte Derksen, 2001- 2003

James Anderson, 2002- 2004

Mike Farmer, 2003-2005

Steve Hiller, 2001- 2003

Janice Jaguszewski, 2002- 2004

Thomas Zogg, 2003-2005

Best Paper Award

Purpose: Determine winner of Best Paper Award.

Chair: Thelma Thompson, 2001- 2003

Renee Davis, 2002- 2004

Chip Green, 2002- 2004

John Hunter, 2001- 2003

John Kawula, 2002- 2004

Digital Data

Purpose: Monitor, evaluate, and report to membership on new products; assist in development of standards for digital products.

Chair: Adonna Fleming, 2001- 2003

Christopher Badurek, 2002- 2004

Wendie Helms, 2002- 2004

Suzanne Taylor, 2002- 2004

Dorothy Tao, 2002- 2004

Best Reference Work Award

Purpose: Determine winner of the Mary B. Ansari Best Reference Work Award.

Chair: Janice Norris, 1998- 2004

Lisa Fish, 2002- 2004

Linda Newman, 2001- 2003

Jim O'Donnell, 2002- 2004

Sally Scott, 2003-2005

Thomas Zogg, 2003-2005

Exhibits

Purpose: Plan, design and arrange for GSIS exhibits and maintain booth materials.

Chair: *vacant*

Dona Dirlam, 2002- 2004

Barbara Haner, 2002- 2004

Mary Krick, 2002- 2004

Collection Development Issues

Purpose: Collect, analyze, disseminate and publish data on geoscience literature costs; investigate, respond to issues; report on cooperative collection development issues.

GeoRef Users' Group Steering Committee

Purpose: Advise GeoRef on problems and enhancements; advise vendors on online implementation; share

searching techniques; educate non-users; conduct workshops.

Chair: Nancy Blair, 1997- 2004
Walt Cressler, 2002- 2004
Jan Dixon, 2003-2005
John Hunter, 2002- 2004
Jane Ingalls, 2001- 2003
Andrea Twiss-Brooks, 2002- 2004
Penny Whitten, 2002- 2004

Guidebook Standards

Purpose: Revise and distribute guidebook editorial guidelines; determine winner of Best Guidebook Award.

Chair, Carol LaRussa, 2002- 2004
Patricia Gaspari-Bridges, 2002- 2004
James Mehl, 2001- 2003
Teresa Mullins, 2002- 2004
Lorraine Pellack, 2002-2004

International Initiatives

Purpose: Investigate, report on, and recommend internationally-focused activities for GSIS.

Chair: Claren Kidd, 2001-2003
Chip Green, 2002-2004
Julie Halmark, 2003-2005
Dena Hanson, 2002-2004
Shaun Hardy, 2001-2003
Independencia Iselidh, 2003-2005
Dorothy McGarry, 2002-2004
Judy Triplehorn, 2003-2005

Membership

Purpose: Review/revise brochures; solicit new members; contact members who have not renewed and welcome back members who renewed late.

Chair: Connie Manson, 2002-2004
Karen Bohm, 2003-2005
Lisa Fish, 2003-2005
Anne Graham, 2003-2005
Miriam Kennard, 2002-2004
Sally Scott, 2002-2004
Lee Walkling, 2003-2004
Elizabeth Wallace, 2002-2004

Nominating

Purpose: Nominate candidates for elective offices; prepare, mail, and count ballots and report results.

Chair: Michael Noga, 2003
Clara McLeod, 2002-2004

Preservation

Purpose: Recommend GSIS's role in preservation activities.

Co-Chair: Kristi Jensen, 2003-2005
Co-Chair: Mary Scott, 2003-2005
Thelma Thompson, 2003-2005

Public Affairs

Purpose: Identify actions of government bodies that may impact the Society or the dissemination of geoscience information.

Chair: *vacant*
John Hunter, 2002-2004

Union List of Field Trip Guidebooks

Purpose: Update and maintain the Union List of Field Trip Guidebooks database.

Chair: *vacant*
Charlotte Derksen, 2002-2004
Angela Gooden, 2002-2004
Dorothy McGarry, reviewer, 2002-2004
Carol Messick, 2002-2004
John Mulvihill, 2002-2004
Jim O'Donnell, 2002-2004
Linda Rose, 2002-2004
Reviewers: Dorothy McGarry, 2002-2004

Website Advisory

Purpose: Advise on the content and organization of the GSIS website.

Chair: Edward Lener, 2001-2003
Webmaster: Jim O'Donnell, 1998-2004
Shaun Hardy, 2002-2004
Joanne Lerud, 2001-2003
Janice Sorensen, 2003-2005

INDIVIDUAL APPOINTMENTS

Newsletter Editor

Connie Manson, 2000-

Publications Manager

Elizabeth Wallace, 2002- 2004

Publicity Officer

vacant

Auditor

Margy Walsh, 2003

GSIS Newsletter Reviews Editor

vacant

Geonet Moderator

Carolyn Laffoon, 1999-2004

Webmaster

Jim O'Donnell, 1999-2004

REPRESENTATIVES

3-year appointments, starting with the Annual Meeting

AGI Environmental Geoscience Advisory Committee

Julian (Chip) Green, 2000-2006

AGI GeoRef Advisory Committee

Shaun Hardy, 2003-2006

AGI Government Affairs Program

vacant

AGI Member Society Council

Connie Manson, 2003-2006

ALA ACRL Science & Technology Section

vacant

ALA MAGERT

Thomas Zogg, 1998-2004

ALA PARS

vacant

Cartographic Users Advisory Council (CUAC)

Clara McLeod, 1997-2006

Linda Zellmer, 2002-2005

GSA Publications Committee

Charlotte Derksen, 2003-2006

NSF DLESE Steering Committee

Barbara DeFelice, 1999-

North American Cartographic Information Society

vacant

SLA Geography & Map Division

Harry Davis, 1998-2004

Western Association of Map Librarians (WAML)

vacant

NEWS AND ANNOUNCEMENTS

with thanks to Shaun Hardy, Claren Kidd, Patricia Yocum, Linda Musser, and Carol Armstrong

AGU Examines Their Electronic Publishing

The AGU Council has established an ad hoc committee to examine members' concerns about the transition to electronic publishing. A web-based survey will be conducted in February. It's important that we all encourage our faculty and students to engage in this important dialog!

In their Jan. 10, 2003 announcement, D. N. Baker, Chair, Council Publication Review Committee, wrote:

"Please help AGU, your scientific society, meet your highest expectations.

"We, the Council Publication Review Committee, need your comments on AGU's electronic publication activity and the ideas you have for improving AGU's electronic publications. Send your thoughts to us at <mailto:prc@agu.org> or prc@agu.org. In particular we urge you to tell us of your experiences both positive and negative; please be as specific and succinct as possible and include the month and year you are talking about. Your comparisons as an author or reader of AGU electronic publications with those of other scientific societies and commercial publishers are also important to us. A web based survey containing a carefully developed set of questions will be provided by the Committee in February. We expect the results of this survey to complete the picture of the current situation. Your inputs will help the Committee to determine what has worked well and what has not.

"The Council Publication Review Committee was established to study the nature and depth of Member concerns about the AGU transition to electronic publishing. We will examine concerns related to areas such as the electronic review process, post-acceptance production, the citation of articles, and access to journals for readers. The Committee is an outgrowth of a suggestion I made as SPA Section President at the December 2002 meeting of the Council that

resulted in a motion to provide funds for an ad hoc committee, which was overwhelmingly approved. The Council Publication Review Committee of 10 volunteers was formed on the spot. We have been asked to provide a preliminary report by 10 March to the Publications Committee for its comments. This report will detail our findings on Member concerns and the extent to which they have been dealt with to date, and it will suggest priorities for dealing with remaining concerns. Our final report to the Council is due no later than 1 June.

"AGU's primary activity as a scientific society is to facilitate high-quality meetings and to publish forefront research papers. It is of paramount importance that AGU maintain the highest possible standards in these key areas. The concerns some of you have expressed since the move to full electronic publishing on 1 January 2002 suggest that the AGU Council needs a better picture of your current needs and perceptions and the problems and strengths you see in electronic publishing as implemented by AGU. This picture will serve as a foundation for exercising the Council's role, as the senior policy-making body of the Union, in assuring you that your publications will continue to meet the high standards you have a right to expect."

Elsevier Expunges Articles, Upsets Researchers

Elsevier Science, the largest publisher of scientific journals, has begun removing certain articles from its database. In place of the articles, an online search now offers a note that simply says the article has been removed "for legal reasons." Other publishers have taken steps to expunge particular articles, for reasons ranging from an article's having been published previously elsewhere to inclusion of political statements that the publishers deemed "inappropriate" for publication in a particular journal. Many researchers ob-

ject to the practice, however, saying that altering the historical record of a journal distorts efforts at scholarship and, in certain cases, can lead to faulty research or even poor medical decisions. Mark S. Frankel of the American Association for the Advancement of Science said, "There should be a digital trail which allows these things to be seen, observed, and studied."

from: Chronicle of Higher Education, 10 January 2003

Erpanet Launches erpaProducts and New Website

ERPANET works to enhance the preservation of cultural and scientific digital objects through raising awareness, providing access to experience, sharing policies and strategies, and improving practices.

They have two new products and a redesigned website.

erpaAssessments are authoritative commentaries on key articles, monographs, and projects in the field of digital preservation. More detailed than abstracts, these value-added commentaries offer critical insight and literature within the field. The service offers:

- *Review-based gateway to activities;
- *Analytic reviews of pivotal published and online literature;
- *Assessment of relevant technical guidelines and standards.

Their editors have reviewed some 200 key articles and a large amount of important projects and initiatives. They constantly check over 100 journals for new and critical information on Digital Preservation. This resource will be updated regularly with commentaries.

Access to the erpaAssessment is available to registered users. Registration is free, and offers access to all ERPA-NET products.

erpaAdvisory is a fully web-based advisory service open to all those with a stake in the preservation of, and the provision of access to, digital materials. This service:

- *Provides the community with access to digital preservation professionals;
- *Makes available a resource of authoritative answers to digital preservation questions;
- *Makes accessible examples of best practice.

For more information, see www.erpanet.org

Scholarships for Ticer Summer School Course

Scholarships are available for people from developing countries for the course "Libraries, Electronic Resources, and Electronic Publishing"

The Elsevier Foundation, an initiative of Elsevier Science, will sponsor up to 4 participants from Asia, Africa and South America. You can only apply for a sponsorship if you originate from a country listed in the first four columns of the OECD "DAC List of Aid Recipients as of 1 January 2003" (http://www.ticer.nl/summer03/practic/dac_list.pdf). The sponsorship includes:

- the course fee (including 3 lunches and 3 dinners);
- accommodation in a student room for the duration of the course;

- economy class return flight to an airport near Tilburg;
- travel and health insurance during your stay in Tilburg.

You will have to pay your own breakfast, your train tickets from the airport to Tilburg and back, and your personal expenses.

If you want to apply for this sponsorship, please send an email to Jola.Prinsen@uvt.nl before 1 May 2003 with the following information:

- what organisation you work for;
- what your job title is and what your work entails;
- what country you are from;
- a short biography or curriculum vitae;
- your motivation to apply for this course;
- why you are the right person to sponsor;
- how you intend to distribute the knowledge you gained during this course in your country;
- what kind of activities your institute develops in the field of digital libraries.

This information can also be found at <http://www.ticer.nl/summer03/admin.htm>.

Improving the Citation of Geoscience Data

A task force on improving the citation of geoscience data is being formed to raise awareness of this issue and promote changes in citation styles by geoscientists. Tasks will include outreach to geoscience societies, editors and geological surveys. Anyone interested should contact Linda Musser (Lrm4@psu.edu) for more information.

Governor Bush Proposes Closing Florida State Library

In Florida Governor Jeb Bush's proposed budget, the Florida State Library would be closed. The collections would be transferred to Florida State University and the division of state libraries would be eliminated.

For more information, contact Capitol Bureau Chief Nancy Cook Lauer at (850) 222-6729 or nlauer@taldem.com.

Governor Locke Proposes Sharp Cuts to Libraries

Libraries are hit hard in Washington Governor Gary Locke's proposed budget.

The Washington state geological survey's budget would be reduced by 40%. This would mean eliminating all public information functions, all print publishing, and the Geology Library.

That budget also proposes a 60% decrease in funding for the State Library. All circulation, reference, and other services to all users would cease.

(For more information, contact Connie Manson at connie.manson@wadnr.gov)

SAMREF Database Is Now on the Web

(reprinted with permission from *MESA Journal*, April 2002)

The South Australian Minerals Reference (SAMREF) bibliographic database has long been a source of open file

company reports, report books, mine summaries, plans, as well as *MESA Journal* articles. Containing about 30,000 records dating back to 1952, SAMREF has until recently only been accessible at the Department offices. As of 1 March 2002, however, SAMREF was made available free-of-charge via the Office of Minerals and Energy website. Digital copies of reports available on line can be downloaded. Reports that are listed 'not yet converted' can be ordered and delivered on CD. Orders for non-digital items are easily made via an email link available in the facility.

SAMREF will be incorporated into the second edition of the South Australian Resources Information Geoserver (SARIG) by the middle of 2002. This will enable a single interface to be used for all database searches. SAMREF is

currently available online at www.minerals.pir.sa.gov.au/samref

With over 100,000 items currently available, plus the advantage of being able to download PDF files directly, accessing geological data from the internet will create a speedier and more cost-effective approach to database searching. As part of an ongoing program to digitize analog information held in MER archives, it is estimated that upon completion more than 2,000,000 items will be available for interrogation and download.

For further information, contact Domenic Calandro, Team Leader, Geoscientific Information Management Program, at colandro.domenic@saugov.sa.gov.au



LITERATURE REVIEWS

by Carol J. La Russa

John Cox reviews the new serials pricing models that are emerging as a result of the advent of online journals in an article in *Serials Review*. He first points out that academic journals are characterized by high fixed costs for editing, typesetting, illustrations, marketing, etc. Very little of the total estimated \$4000 cost per article is for actual printing and distribution costs. Cox then describes four new models that have emerged. The first of the models is based on the prior year subscription revenue plus a premium and which provides access to all of a publishers online journals. Disadvantages relate to its inflexibility as the years pass and subscription prices and journal content changes. Another model limits the institution to a set number of simultaneous users and is generally unacceptable to academic users. A third model is based on the FTE population of the institution. The last model described is usage-based pricing. A library can contract purchase a limited number of online articles from otherwise unscripted titles. Cox points out that online availability of many core journals can transform document delivery and ILL services by speeding up the process. Pay per view for individual readers provides potential for new revenue for publishers. ("Pricing Electronic Information: A Snapshot of New Serials Pricing Models," v. 28, no. 3, 2002, p. 171-175.)

An article in the January 10, 2003 issue of *The Chronicle of Higher Education* describes how Elsevier Science is deleting articles from its electronic journal website when there have been legal problems relating to possible copyright violations or possible fraud. A representative of Elsevier says it has purged no more than thirty articles. Westlaw and LexisNexis have also removed articles from their databases. Scholars and librarians are concerned about these actions effect on the historical record of science. An article should not just disappear; other researchers have a need to

know why. Many publishers link retracted articles to retraction notices. One links articles to comments and replies. AGU does not remove retracted articles. (Andrea L. Foster, "Elsevier's Vanishing Act," v. 9, no. 18, p. A27.)

Philip M. Davis looks at patterns of electronic journal usage of IDEAL (Academic Press) titles of the member institutions of the NorthEast Research Library consortium. Members range in size from large research institutions to specialized schools and small liberal arts colleges. Examining the usage data Davis observes that each institution uses the collection differently with some using more or less of the collection and that some journals are used very infrequently. Eighty percent of the articles downloaded are from fifty journals which comprise about 24% of the collection. Titles that no institution previously subscribed to received one-tenth the use of subscribed titles. Medical institutions used a large number of articles from a small number of journals. Large research institutions used many more journals. Davis sees three usage pattern clusters: large research universities, smaller colleges and universities, and medical institutions. Davis concludes that geographic consortia may not be the optimal way to contract for electronic services. Groups of similar institutions may be able to be able to strike better deals than geographic consortia. ("Patterns in Electronic Journal Usage: Challenging the Composition of Geographic Consortia, *College & Research Libraries*, v. 6, no. 63, 2002, p. 484-495.) (This issue also has two other articles of interest: "Improving Database Vendors Usage Statistics Reporting through Collaboration between Libraries and Vendors", p. 499-514 and "A Snapshot of Early Adopters of E-journals: Challenges to the Library," p. 515-526.)

Also on the subject of consortia, Marisa Scigliano attempts to do a cost-benefit analysis of the Ontario Council

of University Libraries' contract for Annual Reviews' AR Online. She takes into account faculty FTE, student FT, AR Online cost, usage data, rate of use per faculty member, rate of use per student, and cost per use. She compares this with an estimate of what faculty and student time is worth and time saved by not having to go to the library and concludes that the net savings were CA\$525,505 in 2002. ("Consortium Purchases: Case Study for a Cost-Benefit Analysis," *Journal of Academic Librarianship*, v. 28, no. 6, 2002, p. 393-399.)

Sharon Zachary reports on the current status of mass deacidification services and how the University of Michigan is using deacidification. Currently 86% of the library's current acquisitions are on acid-free paper--a great improvement over the past. Two mass deacidification processes are currently available: the Battelle process now with rights now transferred to Zentrum für Buch-Erhaltung (ZfB) which has plans to start operations in the U.S., and the Bookkeeper process of Preservation Technologies, L.P. (PTLP) who have a facility near Pittsburgh. It is not known which is the better process. The University of Michigan ships from 5000 -7000 volumes per year to the PTLP facility for treatment. The projects are retrospective and done for particular subject-based collections. Books are repaired before treatment and are off the shelf for four to six weeks. Cost is about \$16 per volume. ("Mass Deacidification in 2002 and the University of Michigan Experience," *ARL* 224, Oct. 2002, p. 6-9, www.arl.org/newsltr.)

Julie Dilevko and Lisa Gottlieb look at the role of print

materials in undergraduate research projects in their article in *The Journal of Academic Librarianship*. They did a Web-based survey of 394 undergraduate library users in 2001 at the University of Toronto. They found that about 40% of undergraduates had completed an assignment using all or mostly all information from electronic resources. However about 54% of students began their assignments by consulting print books 90% or more of the time. Also 47% used print journals as their starting point 50% of the time. But in the sciences students preferred online sources to print 75% of the time. Students will usually choose print sources if the information in them matches their needs more closely than online sources. Dilevko and Gottlieb found that students recognize that for some research needs such as general topic overviews print books are the best choice. Students realize that usually they will receive better grades if they take the time to track down appropriate print resources. ("Print Sources in an Electronic Age: A Vital Part of the Research Process for Undergraduate Students," v. 28, no. 6, 2002, p. 381-392.)

In the September/October issue of *Online*, Ran Hock shows how the capabilities of Web search engines are expanding. It is now possible to find newspaper articles, PDF files, images, audio files, video files, discussion groups, and other materials by using popular search engines. Using advanced search features, it is possible to limit searches to particular file types. ("A New Era of Search Engines: Not Just Web Pages Anymore," v. 26, no. 5, 2002, p. 20-27.)

JOB ANNOUNCEMENTS

GIS/Map Librarian, Columbia University, New York, NY

Columbia University Libraries is seeking a Librarian to select, organize, and maintain a collection of 180,000 print maps and to work with a team of librarians and technologists to develop and deliver geographic information support to students and faculty. Reporting to the Director of the Social Sciences Division, the GIS/Map Librarian will participate in faculty outreach, consultations, user instruction, reference (both virtual and desk), and serve as a primary contact for faculty and students needing cartographic and geospatial resources. Collection development responsibilities include the selection of books, journals, electronic resources, and software to support Columbia's teaching and research in geography and related disciplines. The position will work closely with colleagues in the Electronic Data Center to design joint instruction and consultation support for GIS.

Columbia has an ESRI site license, and the current map collections include U. S. depository maps, Geological Sciences Series, a growing collection of international maps, and New York City and State maps.

Requirements are: Knowledge of the selection, organi-

zation and utilization of geographic and cartographic materials; ability to engage students and faculty in learning about geographic resources, and a strong interest in implementing and using GIS technology. An accredited MLS is required. Experience using GIS software is a strong plus.

The salary ranges for this PC I position are: Librarian I: \$42,200 - \$52,750; Librarian II: \$44,200 - \$59,670; Librarian III: \$47,200 - \$70,800.

Set in the Morningside Heights academic village, Columbia presents the unmatched dynamism, diversity, and cultural richness of New York City. We offer excellent benefits including 100% Columbia tuition exemption for self and family and assistance with University housing. Columbia will also pay 50% tuition for your dependent child who is a candidate for an undergraduate degree at another accredited college or university.

For immediate consideration please e-mail your résumé to cul-recruiter@columbia.edu or send it to Human Resources, Columbia University, Box 18, Butler Library, MC 1104, 535 West 114th Street, New York, NY 10027. Please reference Search #70103010 and include your e-mail address. Applications will be accepted immediately and until the position is filled.

Columbia University is An Equal Opportunity/ Affirmative Action employer. Minorities and women are encouraged to apply.

**Government Documents/Instruction Librarian,
Mankato, MN**

Position: Government Documents/Instruction Librarian, assistant professor (fixed-term faculty position)

Application deadline: Applications received by February 14, 2003 will receive priority consideration.

Salary range: \$38,286 - \$46,271 depending on qualifications for a 9-month appointment. Additional compensation for summer work may be available.

Date of appointment: August 18, 2003 - May 10, 2004

Responsibilities: Provides leadership in the organization, use, and management of the library's federal government document and map collections. Serves as the resource person for reference service and provides collection development leadership for these collections. Develops and implements policies and procedures relating to the document and map collections. Supervises processing of government documents including activities of two library technicians. Requires active networking with the government information community on regional, state, and national levels. Participates in general reference services to all campus users. Works with the instruction coordinator to maintain continuity in the library's instruction efforts. Develops and provides library instruction sessions for introductory courses, including First Year Experience and English/Speech 101, and for other courses depending on subject expertise. Library faculty share in collection development work with academic departments, in weekend reference rotation, and in university governance through membership on committees and task forces.

Qualifications required: MLS from an ALA-accredited program. Recent experience or coursework with government documents. Demonstrated leadership ability and good communications skills, both oral and written. Demonstrated supervisory experience and knowledge of depository library regulations. Knowledge and experience with government information in electronic formats including CD-ROMS and web-based resources. Demonstrated ability to provide effective instruction sessions. Ability to provide reference assistance to a diverse user population in a comprehensive university.

Other considerations: Demonstrated ability to manage and organize a government document collection; academic library experience; knowledge and experience in organization, collection and storage of electronic government information; experience developing and providing online library instruction sessions and tutorials. Collection development experience. Second subject Master's degree. Academic preparation or experience with business or engineering materials.

Related information: Memorial Library and the branch

Music Library support the curricula with a collection of approximately one million volumes, 2,500 current print periodical subscriptions, and 125 electronic databases containing full text for more than 17,000 journals. The library is a selective depository (currently 66% of all government publications) for government documents, and houses a number of collections such as maps, archives, and audiovisual materials. The University is served by the library's 18 faculty, 21 support staff, and student assistants. Bibliographic access is provided by the PALS integrated library system with migration to ExLibris' Aleph being planned. For more information, see <http://www.lib.mnsu.edu>.

To apply: Send detailed letter addressing position qualifications, vita and the names, addresses, e-mail, telephone and fax numbers of four to six professional references to:

Government Document/Instruction Librarian Search Committee, c/o Ms. Becky Schwartzkopf, Memorial Library, Minnesota State University, Mankato, Mankato, MN 56001. phone: (507) 389- 5956, TTY: (800)627- 3529 or 711; fax (507) 389-5155; e-mail: becky.schwartzkopf@mnsu.edu

Head Librarian, The Petroleum Institute, Abu Dhabi

The Petroleum Institute in Abu Dhabi is seeking applications for the position of Head Librarian. This position reports directly to the Chief Academic Officer of the Institute and has overall responsibility for management and administration of the library for The Petroleum Institute.

The Head Librarian is responsible for coordination of all library services, including management of the collection, daily interaction with students, faculty and staff and coordination of inter-library loan services for print and electronic media. Applicants must have excellent interpersonal, collaborative, and communication skills; preference will be given to applicants who are fluent in both English and Arabic. In addition, demonstrated effectiveness in bibliographic instruction, a strong commitment to support student-centered interdisciplinary education, and the ability to work creatively and effectively within a highly participatory academic community are important attributes for this position. Knowledge of principles of integrated library systems, emerging technologies and trends in the profession, and experience in budget planning and personnel management are also highly desirable.

Applicants should have a Master's degree from an ALA-accredited program and be able to demonstrate a job history of increasingly responsible library supervision. Experience supporting students in a small academic technical and research library environment is highly desirable. The Head Librarian will work closely with the Chief Academic Officer and the Executive Director to develop library and institutional budgets and appropriate staffing plans.

The Petroleum Institute opened in September of 2001 in newly-constructed "startup" facilities, which provides space required for instruction in the Foundation year and

Freshman year. Architectural design for a new grass-roots campus is complete, with a view to occupancy on the permanent campus in 2005. The Head Librarian will have the opportunity to interact with the facilities design process, and will be closely involved in decisions on the specification of technology and library infrastructure as well as for acquisition of equipment and hiring of additional administrative faculty and staff. The Head Librarian will manage an operating budget that is being sized for excellence in the areas of technology, acquisition of the initial collection, and maintenance of journal subscriptions.

The total compensation package includes a 12-month base salary, an expatriation allowance, and a benefits allowance that covers housing, utilities, initial furnishings, transportation (automobile purchase loan), health insurance and annual leave travel.

An appointment is desired as soon as possible, and should continue for at least three years. The Petroleum Institute is affiliated with the Colorado School of Mines, and additional information can be found at the PI provisional website: www.pi.ac.ae. Interested candidates should submit a letter of application and a detailed resume to: Ms. Dixie Termin, Center for the Development of the Petroleum Institute, 1700 Illinois St., Colorado School of Mines, Golden, Colorado 80401 USA

Applications should be submitted as soon as possible but no later than February 28, 2003; transmission of materials by email is encouraged. Please send all electronic submissions to piapp@mines.edu.

Note: GSIS President Lisa Dunn adds: "This Institute is affiliated with the Colorado School of Mines; you can also contact me for information about the Institute's library. The ad's deadline is near; I suggest that if you're interested you still submit your information anyway."

Map Librarian, University of Kansas Libraries, Lawrence, KS

The University of Kansas seeks a talented and enthusiastic individual to manage the T.R. Smith Map Collection, located in Anschutz Library on the University's main (Lawrence) Campus. The Map Librarian closely collaborates with the reference specialist for data services and the GIS and Numeric Data Specialist to support GIS activities. The Map Librarian reports to the Co-Coordinator of Reference Services.

Responsibilities:

- Manages all operations of the T.R. Smith Map Collection; supervises one classified staff member.
- Provides reference, collection development, and instructional services for the map collection.
- Provides collection development, liaison, and instructional services for geography and geology.
- Participates in appropriate work and management groups within the KU Libraries.
- Collaborates with the reference specialist for data services

and the GIS and Numeric Data Specialist to support GIS activities, including the new GIS and Numeric Data Lab.

- Collaborates with staff in the KU Digital Library Initiative to support digitization projects pertinent to maps and cartographic resources.
- Participates in service and scholarly activities in keeping with the tenure standards of the University of Kansas Libraries.

Required Qualifications: Master's degree from an ALA-accredited program. Academic coursework in geography, cartography, or related fields. Demonstrated knowledge of maps and cartographic resources. Knowledge of computing technology as it applies to map collections. Excellent written and oral communication skills.

Preferred Qualifications: Experience or course work related to geographic information systems (GIS), and digital spatial data. Understanding of regional depository requirements for map collections. Experience in the acquisition, organization, management, and preservation of cartographic materials within a research library setting. Experience with staff training and/or user instruction. Experience providing public service for map collections. Collection development experience. Supervisory experience. Reading knowledge of at least one foreign language.

Salary & Benefits: Highly competitive salary range (\$35,000 minimum), dependent upon qualifications. Benefits include 22 days vacation and 12 days sick leave per year; several paid holidays; group health and life insurance options; choice of four retirement programs; and eligibility to apply for sabbatical leave.

Terms of Appointment: This is a tenure-track library faculty position. Librarians at the University of Kansas are members of the University faculty and are appointed to the ranks of Librarian I, Librarian II, or Librarian III, dependent on professional experience in the field of librarianship. Librarians participate in the Library Faculty Assembly and are members of the University Faculty Council. Librarians are evaluated annually first and foremost on the performance of professional responsibilities. In addition, librarians are expected to participate in, and are evaluated on, professional service and research.

Application procedures/deadline: Applications received by February 10, 2003 will receive first consideration. Applications will be accepted until the position is filled.

For full consideration, applicants must provide a letter indicating how their experience relates to each of the required and preferred qualifications. In addition, please provide a current resume and the names, addresses, telephone numbers, and email addresses of three professional references. Please send this material to:

Sandra K. Gilliland, Asst. to the Dean, University of Kansas Libraries - 502 Watson Library, 1425 Jayhawk Boulevard, Lawrence, KS 66045-7544 phone: (785) 864-8922; fax: (785)864-531; email: sgilliland@ku.edu

Environment: The T.R. Smith Map Collection is the

10th largest academic map collection in the country, with over 400,000 map sheets. Map coverage is comprehensive with emphasis on the United States and on the twentieth century. The Map Collection is a depository for U.S. Geological Survey maps and also receives maps from the U.S. Government Printing Office as a Regional Depository library. In addition to developing and maintaining an excellent collection of printed cartographic materials and spatial data, the KU Libraries are also collaborating with other campus groups to develop GIS and numeric data services.

Anschutz Library is a multidisciplinary research library comprised of collections including the sciences, government information, business and economics, geography and geology, and the T.R. Smith Map Collection. Anschutz houses approximately 750,000 volumes, 2.2 million government publications, and 3,500 active serial subscriptions, and offers a comprehensive array of services, including a 24-hour study facility, a laptop checkout program, wireless networking and a new instruction classroom.

The University of Kansas Libraries constitute a major academic and research resource supporting approximately 25,000 students and 1,300 faculty. The Libraries' collections comprise approximately 3.3 million volumes and 27,000 current serial titles, housed in six library facilities in Lawrence and one library in suburban Kansas City. The Libraries have a budget of \$14 million and a staff of 71 library faculty and professional staff, 76 paraprofessionals, and 80 FTE of student workers. The University is located in Lawrence, a diverse community of more than 75,000 set in the rolling hills of northeast Kansas, 40 miles from Kansas City. Lawrence and KU offer a wide range of cultural and recreational activities, and the Libraries play a vital role in the intellectual life of the community.

The University of Kansas is an Equal Opportunity/Affirmative Action Employer. The University encourages applications from underrepresented group members. Federal and state legislation prohibits discrimination on the basis of race, religion, color, national origin, ancestry, sex, age, disability, and veteran status. In addition, University policies prohibit discrimination on the basis of sexual orientation, marital status, and parental status.

Publications Editor, Montana Bureau of Mines and Geology, Butte, MT

The Montana Bureau of Mines and Geology (MBMG), a research department of Montana Tech of The University of Montana (<http://www.mbgm.mtech.edu>), is seeking a full-time publications editor to manage the production of MBMG publications and its sales office. The editor's responsibilities include close cooperation with authors, technical editing, design/layout of documents, coordination of map production with GIS staff, management of printer contracts, and oversight of the Bureau's web site. The editor supervises a three-person technical staff and a sales staff. Education: Bachelor's degree in the physical sciences, jour-

nalism, English, technical communication, or a related field is required. Master's degree is preferred. Experience: Five or more years of relevant experience are required. Skills must include publishing in the sciences, a thorough knowledge of Standard English usage, a working knowledge of electronic and traditional publishing processes for manuscripts, maps, and other documents, and a working knowledge of PC-based page-layout software. General knowledge of drawing, presentation, image-editing and GIS software is desirable. Experience with budgeting, marketing and public relations is desirable. Preference will be given to applications received by March 21, 2003; however, the position will remain open until a candidate is chosen. Send cover letter addressing education and experience, résumé, and at least three professional references with current phone numbers and addresses to: Personnel Office, Montana Tech of The University of Montana, 1300 W. Park St., Butte, MT 59701-8997. EEO/AA

Science Liaison/Reference Librarian, Georgia State University, Atlanta, GA

Georgia State University is seeking an energetic, knowledgeable and visionary librarian to serve as the Science Liaison/Reference Librarian. The Science Liaison/Reference Librarian provides in-depth reference and consultation services and collection development in the assigned subject area(s). Serves as liaison with the Science department(s), including instructional and orientation activities, creating appropriate instructional materials, and developing new information services. Assists with general reference desk service.

Responsibilities: The successful candidate serves as liaison with Science Department; meet regularly with members of the department to provide information and instruction about library services, collections, and programs. Serves as an advocate within the library for this group, resolving or referring problems as raised by members of the department. Responsible for collection development in science, including selection, approval plan management, preservation, evaluation of collections, and weeding of library materials; participates in management of the library materials budget. Works at the general reference desk; provides specialized reference and research assistance to library patrons in designated subject areas; emphasis on Math/Statistics, Physics/Astronomy and Geology. Successful candidate should possess ASERL's Competencies for Research Librarians listed at www.aserl.org.

Required: ALA-accredited master's degree in library science. Familiarity with resources in a variety of formats, ability to effectively evaluate information resources. Skill in use of technology and web applications. Excellent communication, presentation and interpersonal skills. Preferred: Second Master's Degree and/or relevant experience in appropriate subject area (generally the sciences, particularly math/statistics, physics/astronomy or geology). Experience

in library instruction. Knowledge of collection development issues and trends. Demonstrated interest in research and professional activities.

Library and University Environment: Georgia State University (GSU) is a dynamic urban institution located in downtown Atlanta with an enrollment of approximately 25,000 students. The close relationship that exists between the university and its surrounding business, government and cultural communities makes GSU unique in the University System of Georgia and distinctive among universities in the South.

The William Russell Pullen Library houses over 1,300,000 volumes, subscribes to more than 8,000 serials, and is a Federal Document Depository with more than 850,000 government documents. Its growing Media Center has holdings of approximately 12,000 audio, video, and multimedia materials. The carefully selected collections are designed to serve varied research and instructional needs at the undergraduate and graduate levels of the university community. Library services are supported by GIL (GALILEO Interconnected Libraries) with integrated functions for OPAC, acquisitions, circulation systems and serials control, including a system-wide union catalog. The University System of Georgia has a statewide system known as GALILEO providing equal access to electronic resources and other materials for libraries throughout the state. Pullen Library is

a member of the Association of Southeastern Research Libraries; the Southeastern Library Network (SOLINET), and the Atlanta Regional Consortium for Higher Education, consisting of fourteen academic and research libraries serving nineteen institutions in the greater Atlanta metropolitan area.

Condition of Work and Benefits: Forty-hour workweek. Retirement plans includes: state teachers retirement plan, TIAA-CREF and VALIC. Twenty-one days vacation. Twelve paid holidays. Group health and life insurance. Twelve days sick leave. Social Security. Faculty rank and status. Optional pre-tax benefits. Non-Tenure track. Support for research and professional activities

Salary and Rank: \$32,500 - \$38,000 for 12 months commensurate with the candidate's experience. Appointment at a faculty rank, on a contract renewal basis.

Application: To apply, submit a cover letter addressing the above qualifications: resume, names, addresses, and phone numbers of three references, including immediate supervisors. Materials received by February 20, 2003 will receive priority consideration. Send materials to: Carmen R. Newton, Library Human Resources Officer, William Russell Pullen Library, Georgia State University, 100 Decatur Street, SE, Atlanta, GA 30303-3202. (404) 651-2172

For more information please visit our web site at: <http://www.library.gsu.edu>



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