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PRESIDENT'S COLUMN

If you are reading this column, you are aware of the value of the Geoscience Information Society's newsletter as a means of communication about society meetings and information on new publications and services specifically related to the geosciences. Brief articles from new contributors on electronic services, library services, collection decisions, and job opportunities are appreciated by all GIS newsletter readers. Volunteer contributors with ideas for columns like Linda Musser's "Reviews" are encouraged. Since the newsletter is a bimonthly publication, the editor needs submissions by the end of the third week of the previous month.

The newsletter is not a refereed journal such as those listed in Ulrich's, but arrangements can be made to have articles refereed if this is a condition of your publication

needs and acceptable to your job mentor.

Eventually the costs and time needed to distribute this newsletter can be saved by electronic distribution without a loss of information value. We would like to move toward that, but will not until all of our members are ready and able to benefit from electronic sources.

A different sort of communication is GEONET-L list (GEONET-L Geoscience Librarians & Information Specialists). I may have been the last remaining member of GIS who had not subscribed to the list, but, if there are any more like me who procrastinated about contacting the editor, Lois Heiser, at Indiana University (contact information on p.2), please be aware that you are missing an important asset. I regret the time I missed. Lois Heiser invests her time to save the GEONET-L audience from messages erroneously repeated or inappropriately addressed to everyone when they should be directed to individuals. If you are part of another electronic address list, you probably already know the problems that can occur. The GEONET-L is an easy way to let many libraries know of duplicate publications you have available or to field a reference question you are unable to answer. No one has time to phone the appropriate individuals in dozens of libraries. With GEONET-L, you reach many more than you could evercall with a single brief message.

GIS members have collaborated to produce two important communication directories, the Membership Directory and the *Directory of Geoscience Libraries*. Changes in your personal information should be sent to GIS Secretary Carol La Russa for the Membership Directory and changes in library information for the new edition should be sent to Connie Manson. These directories give us shortcuts when we need to call or e-mail colleagues and, with all the moves and telephone changes occurring at our institutions, we need to supply the latest information as soon as possible to keep these publications current. Eventually electronic products would allow us to have up-to-date corrections, but until then we have to be satisfied with a year's delay. Please don't make the delay two year long by forgetting to submit changes.

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The GIS Newsletter is published bi-monthly in February, April, June, August, October, and December by the Geoscience Information Society. Subscription to the Newsletter is \$40 per year and is included in the Society's annual membership dues. All correspondence regarding dues, membership status, and address changes should be directed to the GIS Secretary.

GIS members are encouraged to contribute materials for publication. Due to current vacancies, all materials--research articles, technical reports, information reports, officer and committee reports, publication notices, job announcements, and other news items--should be sent to the Newsletter Editor until further notice.

Material for the June, 1996 issue of the GIS Newsletter should be received no later than May 20, 1996. If possible please send materials by e-mail or on IBM-compatible disk (Wordstar 3.3, Wordperfect 5.1, or ASCII format).

VICE PRESIDENT'S COLUMN

The GIS Fieldtrip will happen on Thursday, October 31, as long as at least 30 people sign up for it. There is a limit of 45, so don't miss your chance-register early! See the announcement and registration form which follows in this newsletter. The sooner you register, the sooner you will know that the trip is going to happen and you can plan your flight out of Denver accordingly. The June issue of *GSA Today* will have conference registration and housing information.

The planning for the Symposium is nearly completed; we are aiming to have 8 speakers. Planning for the Technical Paper and Poster sessions is underway; this mostly involves encouraging people to submit abstracts to GSA by the deadline of July 9, 1996. Please contact me for abstract forms, which I should be receiving shortly.

The Annual Program Committee has been formed: Barbara DeFelice, Chair, Charlotte Derksen, Barbara Haner, Steve Hiller, Suzanne Larsen, Joni Lerud (Chair of the Local Planning Committee), Connie Manson, and Connie Wick

If you have never given a paper at a professional conference before, the annual GSA conference is a good place to start. The members of the Annual Program Committee will be happy to help you with ideas for topics, constructing the abstract, preparing the presentation, and will also offer on-site support for first-time presenters. Technical paper talks are only 15 minutes long, so they need to be fairly focused. A technical paper is a good outlet for a research project in progress as well as a finished project, or for a description of how an institution has handled a problem of common interest. Topics of current interest that would make good technical papers include how to handle web-based and other electronic journals, digital imaging projects, comparisons of databases, information resources for earth system science, and interdisciplinary research resources. Poster sessions are good for visually oriented information, such as design of web sites, library planning for technology, imagery as information in the geosciences, mapping projects, and many other topics. Please don't hesitate to e-mail or call regarding an idea for a technical paper or poster session. Remember the July 9th deadline for submission of abstracts!

LETTER FROM CONNIE WICK

Dear GIS Colleagues:

I want to let you all know that I left my position at Harvard at the end of March, in order to join my husband full-time in our family business--Underwood Shade Nursery. As some of you know, this change reflects a new direction I started several years ago, and while leaving is not easy, I am looking forward to new challenges and opportunities. I also hope to finish my work toward the Certificate in Landscape Design on which I have been working (very slowly) at Radcliffe.

My twelve years as Geological Sciences Librarian at Harvard have been professionally fulfilling, and my work with the Geoscience Information Society, and the opportunity to serve the group in several capacities has been a great experience. I value the many wonderful colleagues I have met and worked with, and I will miss the group very much. I hope to stay in touch with you, and of course will try to keep up-to-date on the many activities of GIS, even if I cannot be actively involved.

And if you are visiting in the Boston-Providence area, please do get in touch with us, and come see our "small, but growing" nursery. My address is:

Connie Wick
Underwood Shade Nursery
P. O. Box 1386
North Attleboro, MA 02763-0386

phone: 508-222-2164
fax: 508-222-5152
e-mail: shadeplant@aol.com (though soon to change)

MEMBER NEWS

DOROTHY McGARRY's e-mail address has changed from ecz5ctt@mvs.oac.ucla.edu to dmcgarry@library.ucla.edu.

COMMITTEE and REPRESENTATIVE NEWS

ALA MAGERT--Midwinter update

MAGERT has published *The West Indies and Florida to 1900--An annotated carto-bibliography*, by Olga Espejo. This work was published as an Open File Report. It is available from Jim Coombs (Map Library, Southwest Missouri State University, 901 S. National, #175, Springfield, MO 65804-0095).

A second MAGERT publication is ready for publication and should be available by the ALA Annual Conference this summer. It is *Index to the Library of Congress "G" Schedule--A map and atlas classification aid*, by Alberta Auringer Wood and James C. Coombs. It will be published as Circular #2.

David Cobb has begun preliminary work on the third edition of the *Guide to U.S. map resources*.

Meridian #10 was scheduled to go to the printer on 27 January with a targeted shipping date around the end of February. The Publications Committee is examining two options:

- 1) continuing to publish *Meridian* and not billing anyone who has paid for issues not yet received, or
- 2) not continuing to publish *Meridian* and refunding subscribers for issues not received.

The *Meridian* Editorial Board and Consulting Board are being asked for their input concerning these options. A final decision will be made after these options are studied.

Respectfully submitted,
Nan Butkovich, GIS Representative

Call for Nominations: the GIS-Mary B. Ansari Best Reference Work Award

The GIS Mary B. Ansari Best Reference Work Committee is soliciting nominations for the 1996 award. All reference works published in the last 3 years are eligible. Works in all formats are eligible.

Please submit nominations to Marie Dvorzak, Chair (Internet: dvorzak@doit.wisc.edu; Voice: 608 262-8956; Fax: 608 262-0693).

Preservation Committee

Linda Musser and Lisa Recupero have agreed to serve as co-chairs of the committee to develop preservation guidelines for geoscience literature. Since they are both at the same library, Pennsylvania State, they will work together to get the committee up and going. Susan Klimley and Connie Wick have made important studies in the

problem and their work serves as the foundation for the new committee. At the New Orleans meeting, several people expressed an interest in this important project. Please contact one of the chairs or Nancy Blair if you are interested in participating as a committee member. There will be plenty of work to go around.

Best Paper Committee Chair: Correction

Due to an unfortunate mistake by me of repeating a name from another committee, Regina Brown was not identified as Chairman of the Best Paper Award in the February newsletter. She has been an excellent chairman and has special interests not only in reviewing papers in the geoscience information field for selection by the committee, but also in keeping the society members aware of activities in the field of geoscience education. I apologize for the error.

-- Nancy Blair

NEWS OF THE USGS LIBRARIES

The U.S. Geological Survey Library in Menlo Park will be closed to the public during the month of April while moving to a new building in the center. Telephone service will be available as long as possible, but libraries should refer their ILL requests to the USGS libraries in Flagstaff, Denver and Reston. Call 415-329-5027 for updates about services available during April. Urgent requests or e-mail inquiries can be directed to Nancy Blair (nblair@usgs.gov; 415-329-5029)

The mineral information section of the U.S. Bureau of Mines has become part of the U.S. Geological Survey with new offices in the USGS National Center in Reston, Va. The section's major publication *Minerals Yearbook* began as the USGS's *Mineral Resources of the United States*. The Bureau of Mines started publishing the annual statistical compilation in 1924 and changed the title with the 1932/33 issue.

The Washington, D.C. Bureau of Mines library has been moved intact to the National Center to form an addition to the USGS library. Until the collections can be integrated, the library will be under the supervision of the same librarian, Linda Evans, and retain its own online system. In Denver, most of the collection of the U.S. Bureau of Mines library next door to the USGS library will be accessioned and maintained by the USGS.

GEOSCIENCE SERIAL PRICES
 compiled by
 Michael M. Noga
 Collection Development Issues Committee

This is a continuation of the lists published in the December 1995 and February 1996 issues.

Prices may be different depending on the subscription source and the time the subscription was entered. Serials are included in this list if they fit two criteria: 1) The subject fits broadly into the geosciences; and 2) Sufficient price information is available.

TITLE	PRICE (\$)			
	1993	1994	1995	1996
Advances in Geophysics.....	86	77	80	136
Advances in X-Ray Analysis.....	161	110	123	127
California Geology.....	10	10	10	10
Canadian Journal of Earth Sciences.....	335	365	398	455
Chinese Journal of Geophysics.....	350	375	405	455
Clay Minerals.....	141	150	155	155
Economic Geology.....	112	132	132	132
Facies.....	53	107	155	146
Geothermal Resources Council. Bulletin....	75	80	80	90
Ice.....	27	27	29	32
Journal of Geomagnetism and Geoelectr.	346	425	455	475
Journal of Japanese Assoc of Petr. Tech.	116	157	184	198
JPT: Journal of Petroleum Technology.....	45	45	45	45
Mercian Geologist.....	15	15	16	16
Mineralogical Abstracts.....	235	260	260	260
Mineralogical Journal.....	50	50	50	50
Mineralogical Magazine.....	202	215	225	225
New Zealand Journal of Geol. & Geophys.	190	190	190	200
Oceanologica Acta.....	294	279	338	341
Oceanology.....	490	490	490	490
Palaeobotanist.....	90	90	90	90
Paleobios.....	8	8	8	8
Soil Science Society of America. Journal.	92	100	108	117
South African Journal of Geology.....	52	66	62	73

Average price increase (1995/1996) based on the three lists = 18.6%

Conference report:
**"Emerging Pattern of Collection Development in Expanding Resource
Sharing, Electronic Information and Network Environment"**

by
Louise S. Zipp
Iowa State University

This annual conference is known informally as the Sul Lee Conference, after its Chairman Sul H. Lee, Dean of the University of Oklahoma Libraries. The 1996 meeting was held March 7-8 at the Holiday Inn, in Norman, Oklahoma. Proceedings will be published by Haworth Press.

Of special interest were papers by Chuck Hamaker (LSU) and Tony Ferguson (Columbia). LSU has been redesigning its serials collection over the last few years. Recently, faculty were asked to identify current library subscriptions that they used in teaching and research. Hamaker found that 44% of science titles are of interest to only a single faculty member, and he wondered how a library can afford to support subscriptions with such a limited user base. He estimated that, if current trends continue, the median average ARL library will spend \$6.2 million on serials in 10 years. He is considering canceling titles used by 1 faculty member when that person leaves LSU, to allow for purchase of titles for new faculty hires. Document delivery subsidized by the acquisitions budget began after a large 1993 cancellation; it has been unmediated since last Fall. The most recent cancellation was made using survey results, and the library was able to cover the costs of this year's 15% price increases. Hamaker is also using the funds recovered by cancellations to support interdisciplinary titles that are used, but have no "voices" speaking on their behalf in traditional collection evaluation methods. The examples he gave included climatology titles, used by scholars in departments such as geography and chemical engineering. While Hamaker admits to building "archival" collections in certain areas, he seems to see the LSU library serial collection goal as supporting needs of current primary clientele.

Ferguson reported on a study at Columbia to identify the serial titles that had the best and worst 5-year price histories relative to the Columbia University Library budget increases. Using vendor-supplied data, he found that the mean change for "friendly" titles was -6%, but the mean change for "predatory" titles was +196%. He found that foreign and domestic publishers both published predatory titles. I was amused to hear him state that the social sciences are even more predatory than is science. He found that both predatory and friendly publishers both used "discriminatory" pricing options for libraries and that

most predatory titles had commercial publishers. Ferguson suggested that libraries must act together in consortia to negotiate with publishers on prices.

Other papers by book and document delivery vendors emphasized cooperation and partnerships with libraries. An interesting paper delivered by the CEO of CARL gave examples of new partnerships that had some manifestations on the WWW. Many of these commercial ventures that supply information which would have previously been selected by collection development librarians and mediated in person by Reference librarians. Some of these were simply replacements for on-site library collections.

Overall, I was struck by the sense that we may have replaced one problem with another. Collections that have downsized because of serials price increases (attributed mostly to the drive for profits) are now "outsourcing" collection development to not-inexpensive commercial document delivery and information-packaging services. This leaves us developing very limited on-site academic collections that are probably moving toward homogeneity nationwide. In the geosciences, corporate and government libraries used to pay academic library collections to supply access to research-level materials. As these titles disappear from academic library collections, are they available through the commercial sector? The concept of a "national collection" was conspicuously absent from presentations made at this conference.

Perhaps the best part of my trip to Oklahoma was not even on the conference agenda. I was able to visit Claren Kidd at the Youngblood Energy Library on the University of Oklahoma campus. This new facility is both elegant and inviting, and the collection is outstanding in scope and depth.

copy & btm

Geoscience Information Society Annual Meeting:
DENVER MEETING NOTES

SURVIVING DIA

As much as I want you all to believe the press about Denver International Airport (DIA), I just can't perpetuate the hoax. DIA is a large, modern airport with excellent signage and nice surroundings. It just can't help it that it was built in Kansas.

When you arrive at DIA, follow signs to the terminal. Part of the trip will involve getting on a little train but everything is clearly marked. Watch the walls of the tunnel as you may see little propellers or little hammers that move when the train rushes by. When you get off the train at the terminal, if you do not know your carousel number, review the screens immediately as you exit. Go up the escalator to the carousels and ground transportation.

One can always get a taxi but you must expect to pay around \$40 for a trip from DIA to downtown Denver (remember, I mentioned the airport was in Kansas). The city is currently looking at a subsidy for the taxis so they can charge a better rate but it is not in place yet. I recommend a shuttle. Right at the top of the escalator are shuttle opportunities and look for the booths that indicate downtown Denver (unless you are staying somewhere else).

For those who like to enjoy arrival, the floors are particularly lovely at DIA. They did get a little carried away by putting fake fossils in hard rock floors and it is a little unsettling to see a Triceratops smaller than a crinoid but I guess they couldn't afford a technical expert. Interesting stuff is on the walls too. The automated voices are tolerable. Mice live in the greenery (people feed them french fries, sigh).

Sometimes your luggage does get to the carousel before you do. That does not necessarily mean the automated luggage delivery system is working. It just means your luggage got there before you did.

The press that surrounds DIA is similar to the stories about 6 foot drifts when I walked five miles to school in North Dakota. The planes are landing and taking off quite efficiently. Sometimes there are problems with luggage or ticketing as at any airport. Do not agonize of DIA -- instead enjoy it. It may be the last new airport in the United States for quite some time.

-- Joannie Lerud

Editor's note: Please photocopy the adjacent Field Trip registration form and mail it to Joanne Lerud.

**WALK WHERE AN IGUANODON WALKED!
PAN FOR GOLD! PIG OUT ON PIZZA!**

Members, friends, significant others, and interested persons are cordially invited to participate in a field trip to Dinosaur Ridge and the Argo Gold Mill followed by lunch at Beau Jo's in Idaho Springs. The bus will leave the Convention Center at 8:00 a.m. sharp on Thursday, October 31 (costumes allowed but only if they allow you to possibly be a little muddy and probably prepared for cool weather). First stop is Dinosaur Ridge, where Iguanodon and ostrich-like dinosaur tracks were discovered in 1937 and additional excavations have exposed new tracks. Bones from Allosaurus, Stegosaurus and Brontosaurus were discovered here in 1877 (by Arthur Lakes himself), starting the dinosaur rush to the West. Next a drive to historical Idaho Springs for a tour of the Argo Gold Mill for a bit of the mining lore. Then, lunch at Beau Jo's with pizza to die for! I believe I can guarantee that we will be back to the Convention Center by 2:00 p.m. perhaps a little before for those who wish to plan flights accordingly. Thirty people are needed for a good time (and solvency). Forty-five will be too much fun.

Send \$40.00 (American; checks can be made to me with a notation for GIS field trip) per person by August 31, 1996, with the form below to:

Joanne Lerud
Arthur Lakes Library
Colorado School of Mines
Golden, Colorado 80401 USA

Name: _____

Number of people in your party: _____

Address: _____

Phone number: _____

If the field trip is cancelled, the money will be returned. (That's why you are giving me the address above.) There will be a Plan B in case of blizzard in the mountains.

ANNOUNCEMENTS and PUBLICATIONS

Another USGS number duplication alert (first spotted by Mary E. Patterson at Cornell): There are 2 different USGS Water-Resources Investigations reports with the same number, 95-4120:

-- Water-quality in the Withers Swash Basin, with emphasis on enteric bacteria, Myrtle Beach, South Carolina, 1991-93. Columbia, SC, 1995

AND

-- Physical, chemical and biological characteristics of three reservoirs in west-central Missouri, 1991-93. Rolla, 1995

Reportedly, GPO has "coped" with this already as far as the sudocs number is concerned (see OCLC 34089416 and OCLC 34088053). They have added /2 to the title Physical, chemical, and biological characteristics... But (ALERT!!) the Library of Congress call number has not been attended to by whomever cataloged them there.

An author is offering an errata sheet for his recently published book, *Stress and Deformation: A Handbook on Tensors in Geology* by Gerhard Oertel, published by Oxford University Press, 1996.

The errata could be mailed or faxed as a single sheet that can be tucked into the book. (It could be sent by e-mail, but in that form they may be less clear because of the need for mathematical notation.)

To order the errata sheet, contact the author: Gerhard Oertel, Department of Earth and Space Sciences, UCLA, 595 Circle Drive, Los Angeles, CA 90095-1567; e-mail oertel@ess.ucla.edu; telephone (310) 825-1780 (no answering machine); FAX (310) 825-2779.

The author said, "Several of the errors, especially those involving equations, could be very annoying to the serious user."

New Earth Sciences Information Centre at NRCan

On August 16, 1995 the Geological Survey of Canada and Geomatics Canada of Natural Resources Canada were combined to form the Earth Sciences Sector.

As a result of the work and final recommendations of the Information Services and Delivery Transition Team, the Canadian Geoscience Information Centre (CGIC) and the Geomatics Information Centre (GIC) merged to form the new Earth Sciences Information Centre (ESIC). This merger became effective on November 27, 1995.

We are trying to put this amalgamation in place with as little inconvenience as possible. We will continue to be committed to offering efficient and effective information

services and products to all our clients.

We welcome your feedback and we look forward to providing you with the best in earth sciences information in the future.

Beverly Chen, Acting Head
Earth Sciences Information Centre
Earth Sciences Sector - NRCan
chen@gsc.emr.ca
(613)995-4163

The *Index to the Proceedings of the Geoscience Information Society (1966-1994)*, by Lois Heiser, is now available from the GIS Publications Manager (Lois Heiser). It sells for \$15.00 paper or \$5.00 disk (ASCII) and is also available (free) on the Internet <http://www.indiana.edu/~libsci/geology/gis/gis.html>. It includes a complete Table of Contents for the 25 volumes (1966-1994), as well as an author index and subject index. Checks should be made payable to: Geoscience Information Society. Contact Heiser@indiana.edu if there is any problem.

The new edition of the *Union List of Geologic Field Trip Guidebooks of North America* will be ready for shipping on February 23. Thanks are in order to the members of the GIS Union List Committee, Richard Spohn, Chair, who compiled and edited the Union List, Joan Sandoz and Linda Pierce of AGI who entered the data in the Union List database, and to the librarians who sent in their guidebook and holdings data.

This edition includes 1,031 guidebook series, holdings of 297 libraries, and geographic and stratigraphic indexes, and library lists. 11,312 individual guidebooks are cited, of which 2,778 were published since 1985, the cutoff of the previous edition of the Union List. Union List of Geologic Field Trip Guidebooks of North America, 6th ed., 1996, 384 pages, \$60.00 plus \$6.00 shipping and handling within the U.S. (Canada - \$9.00 shipping).

Prepaid orders can be sent to the AGI Publications Center, P. O. Box 205, Annapolis Junction, MD 20701, phone 301-953-1744, fax 301-953-2838, VISA and MasterCard accepted, checks made payable to American Geological Institute.

"Life on the Internet," is a 13 part PBS series coming next month. For details, see their website at: <http://www.pbs.org/april96/internetaprilpr.html>

JOB ANNOUNCEMENTS

GOVERNMENT DOCUMENTS & MAPS REFERENCE-BIBLIOGRAPHER, Dartmouth College Library, Hanover, NH

The Dartmouth College Library seeks a dynamic reference-bibliographer with a specialization in government documents and maps for the Baker Humanities & Social Sciences Library.

RESPONSIBILITIES: Reporting to the Humanities & Social Sciences Librarian, works as a member of an information services team providing general and specialized reference services in an innovative and technically sophisticated environment utilizing the Dartmouth Online Catalog, the campus wide information system (DCIS), RLIN and OCLC. Responsibilities include administrative leadership, collection management, and promotion of both U.S. documents and the map collection; general reference, assisting users with an extensive collection of CD-ROMs; online searching; instruction in GIS; bibliographic instruction; and supervision of the Documents Center and the Map Room.

QUALIFICATIONS: ALA/MLS; a minimum of two years post-MLS experience in reference, U.S. documents and maps in an academic or special library; and educational background in the social sciences are required. The successful candidate will have knowledge, experience, and enthusiasm for the use of electronic information resources; familiarity with census and other statistical data; experience with geographic information systems; strong interpersonal skills; ability to work collegially in small group and team environments; and proven supervisory skills.

RANK AND SALARY: Rank and salary commensurate with experience and qualifications with a minimum salary of \$27,500 for Librarian I or \$29,500 for Librarian II. Full benefits package including 22 vacation days; comprehensive health care; TIAA/CREF; and relocation assistance.

DARTMOUTH COLLEGE INFORMATION: World Wide Web: <http://www.dartmouth.edu/>

APPLICATION: Applications received by April 3, 1996, will be given first consideration; applications will be considered until the position is filled. Please send resume to:

Phyllis E. Jaynes
Director of User Services
115 Baker Library
Hanover, NH 03755.

Dartmouth College is an AA, EEO, M/F employer.

MAP AND GEOGRAPHY LIBRARIAN, University of Illinois, Urbana, Illinois

Responsibilities: Reporting through the Special Collections Division Coordinator to the Deputy University Librarian, the Map and Geography Librarian is responsible for the staff, services, and collections of the Map & Geography Library. With primary responsibility for the Map & Geography Library's public service, collection development, and cataloging activities, the Librarian hires and supervises staff, manages the budget, interprets general Library policies, and along with other staff members, provides reference and instructional services to the Library's clientele. The Map and Geography Library collection is one of the largest and richest in the Midwest and the librarian is responsible for maintaining this collection, which includes maps, images and digital geographic information, to support the research needs of scholars and the geographic information needs of Illinois citizens. In addition, the librarian maintains a strong working relationship with the Department of Geography faculty, the Library Administration and faculty, the faculty of other related units, and the Illinois Department of Natural Resources. Encourages access, resource sharing, and preservation of geographic information resources, and fosters the incorporation of print and electronic cartographic materials into the ongoing scholarly activities of library users. Represents the Map and Geography Library in local, national, and international activities, and may participate in the preparation of proposals for external funding for special projects.

Qualifications: Required: ALA accredited MLS or equivalent. Minimum of three years relevant experience, including collection development, in an academic, research, or special library. Working knowledge of information technology as it applies to geographic research. Evidence of research orientation and ability to meet university standards for promotion and tenure. Preferred: Experience in cataloging geographic materials. Desired: Advanced degree or coursework in geography, cartography, or related fields.

Salary/Appointment: Position available 08-21-96. Salary commensurate with credentials and experience, with a minimum of \$35,000 for appointment as Assistant Professor. Associate Professor rank may also be considered. Librarians have faculty rank and must demonstrate excellence in librarianship, research, publication, and university/professional/community service in order to meet university standards for promotion and tenure.

To apply, send letter of application and complete resume with the names, addresses, and telephone numbers

of five references to: Allen G.Dries, U of IL Library (U-C), 1408 W. Gregory Dr., Urbana, IL,61801. Tel (217) 333-5494 by April 10, 1996. AA/EEO Employer.

**UNIT HEAD: GOVERNMENT PUBLICATIONS/MAPS,
University of California Santa Cruz, CA**

Title: Unit Head:Government Publications/Maps

Rank: Assistant/Associate Librarian

Appointment Salary Range: \$32,544-\$39,648
commensurate with experience and qualifications

Position Available: July 1, 1996

The University Library, Government Publications/ Maps Unit offers a challenging team approach to reference and research services related to a substantial federal (51%) and state depository documents collection as well as a selective world-wide and comprehensive regional cartographic collection. The unit is located in two separate areas of the McHenry humanities and social sciences library, and is staffed by a group of highly motivated paraprofessionals. The unit head is responsible for the management of the two collections, supervising work-flow in both areas, maintaining a high public service orientation, and contributing leadership in an expanding electronic environment. This position calls for an innovative vision of Government Publications/Maps librarianship in an area of the library that serves a diverse population of faculty, staff, students and members of the local community.

Reporting to the Head of Reference Services, the Head of the Government Publications/Maps Unit administers reference services, collection development, and coordinates technical processing functions of the unit. Participates in providing in-depth reference service related to a sizeable federal and state depository documents collection, law, and cartographic materials. Incumbent offers bibliographic instruction to faculty, staff and students; plans and administers electronic support required to utilize government data and cartographic materials in machine readable formats including Geographic Information Systems (GIS), coordinating with other units as necessary. Appointee participates in library-wide activities, including administrative committees and represents UCSC at the local, state and national levels for all duties of the position.

Qualifications:

Required: Graduate degree from an ALA-accredited school; a minimum of 3 years of progressively responsible professional experience including supervision of staff; demonstrated commitment to client-centered services in a culturally diverse environment; demonstrated written and oral communication skills; hands-on experience with

documents depository collection procedures; library instruction and general reference experience; experience with a networked environment and microcomputer applications relevant to a documents and/or maps collection; demonstrated ability to work effectively with all levels of staff and patrons in a technologically intensive environment.

Preferred: Familiarity with state and federal depository collection procedures; knowledge of maps and cartographic information in digital form; hands-on experience with Geographic Information Systems (GIS); ability to maintain and preserve collections of aerial photos, maps, rare cartographic materials, and books by using acceptable preservation techniques; ability to work with local government agencies and libraries in the acquisition of local documents, maps and cartographic data; familiarity with state and federal depository collection procedures; working knowledge of reference tools in law.

The Campus and the Library: One of the nine campuses of the University of California, UC Santa Cruz is located in a redwood-forest overlooking the ocean, 75 miles from San Francisco, 25 miles from San Jose at the north end of the agriculture and marine rich Monterey Bay area. Approximately 10,000 students, including 900 graduate students are enrolled. The library has a full-time equivalent staff of 140, of whom 30 are librarians.

Librarians at the University of California are academic appointees. They are entitled to two days per month vacation and one day per month sick leave. The University has an excellent social security/university retirement plan, as well as a variety of optional health/dental and life insurance plans. Appointees are subject to periodic peer review for career status, merit increase, and promotion, at which time they are judged on the basis of professional competence and quality of service within the library and to the extent that they are relevant, on professional activity outside the library, University and public service, and other creative activity. This position is represented by the University Federation of Librarians, AFT.

To Apply: Applicants should supply a complete statement of their qualifications, a resume of their education and experience, as well as the names, addresses, telephone numbers, and e-mail addresses of three referees.

All letters and documents should be addressed to:
Kate McGirr, AUL- Human Resources Please refer to
position: # T95-34
University Library
University of California
Santa Cruz, CA 95064 Phone #: 408.459.2076 fax:
408.459.8206
e-mail: liboff@scilibx.ucsc.edu

Closing Date: The deadline for application is March

29, 1996

UCSC is an EEOC/IRCA/AA employer
Women and Minorities Encourage to Apply

**ELECTRONIC INFORMATION RESOURCES
LIBRARIAN, University of California Santa Cruz, CA**

Title: Electronic Information Resources Librarian

Rank: Assistant or Associate Librarian

Appointment Salary Range: \$29,532-\$37,800,
commensurate with experience and qualifications

Position Available: April 1, 1996

The Science Library of the University of California, Santa Cruz, seeks an individual with excellent skills for the position of Electronic Information Resources Librarian.

Position and Responsibilities: Under the direction of the Head of the Science Library, the appointee coordinates access to science information in non-print form, including mediated searching. CD-Roms, Internet Resources, and other electronic formats. The appointee works with subject bibliographers in planning and implementing electronic access; then coordinates and facilitates training and current awareness in these areas for Science Reference Desk staff.

Commensurate with the high public service goals of the unit, the appointee coordinates and facilitates end user training on automated sources, including handouts, classes, consultations, and other related administrative duties surrounding end-user services. The Electronic Information Resources Librarian provides reference service in the Sciences including weekend and evening assignments; and participates in reference group planning and activities.

Under the direction of the Head of the Science Library, and in coordination with other Science Library staff, the appointee will plan for new automation in the Science Library, including identification, implementation, and training for new technologies in the UCSC Library and campus, and outreach in the Monterey Bay Region.

Qualifications:

Required: Graduate degree from an ALA-accredited school of librarianship, experience in science reference and library instruction, demonstrated knowledge of the Internet, demonstrated experience in planning and implementing technology in the support of library services, demonstrated project management skills, demonstrated strong communication and organizational skills, evidence of strong leadership skills including the ability to foster self-management and cooperation among science library staff, demonstrated effectiveness working with library patrons.

Preferred: demonstrated management or supervisory skills, previous responsibility for the coordination of a library function, experience in the design of Web pages, technical expertise with PCs, Macs, and UNIX worksta-

tions, prior experience working with a campus computer center staff.

The Campus and the Library: One of the nine campuses of the University of California, UC Santa Cruz is located in a redwood-forest setting overlooking the ocean, 75 miles from San Francisco, 25 miles from San Jose at the north end of the agriculturally rich Monterey Bay area. Approximately 10,000 students, including 900 graduate students are enrolled. The library collection of more than 1 million volumes is growing at a rate of 30,000 volumes annually. The library has a full-time equivalent staff of 140, of whom 30 are librarians.

Librarians at the University of California are academic appointees. They are entitled to two days per month vacation and one day per month sick leave. The University has an excellent social security/university retirement plan, as well as a variety of optional health/dental and life insurance plans. Appointees are subject to periodic peer review for career status, merit increase, and promotion, at which time they are judged on the basis of professional competence and quality of service within the library and to the extent that they are relevant, on professional activity outside the library, University and public service, and other creative activity. This position is represented by the University Federation of Librarians, AFT.

To Apply: Applicants should supply a complete statement of their qualifications, resume of their education and experience, as well as the names of three (3) referees' names and addresses, telephone numbers, and e-mail addresses.

All letters and documents should be addressed to:
Kate McGirr, AUL- Human Resources
Please refer to position #T95-33

University Library
University of California
Santa Cruz, CA 95064

Phone #: 408.459.2076 fax: 408.459.8206

e-mail: liboff@scilibx.ucsc.edu

Closing Date: The deadline for application is March 30, 1996

Women and Minorities are Encouraged to Apply
UCSC IS AN EEO/IRCA/AA EMPLOYER

**GOVERNMENT INFORMATION/MAPS LIBRARIAN,
Valparaiso University, Valparaiso, IN**

Moellering Library, Valparaiso University, Position
Announcement, (Search Reopened)

Government Information/Maps Librarian. Department head responsible for collection development (60% U.S. Depository), technical processing, preservation, and user services. Supervise hourly and student personnel. Partic-

ipate in general reference and library instruction, collection management, and library planning. Continuing appointment; faculty rank. Salary and rank commensurate with experience; minimum \$25,000/12-month contract. **Required:** ALA accredited master's degree; experience with government information sources and delivery formats; strong public service orientation and collegial outlook; experience with networked environments and microcomputer applications; willingness to work in a university committed to Christian higher education in the Lutheran tradition. **Desired:** Map library experience;

familiarity with MARCIVE and Innovative Interfaces. Send letter of application, curriculum vitae, and three letters of reference to: Judith Miller, Chair, Search committee, Moellering Library, Valparaiso University, Valparaiso, IN 46383. Review of applications will begin January 8, 1996 and continue until position is filled. AA/EOE.

Donna Resetar, Assistant University Librarian for Access Services, Moellering Library
Valparaiso University, Valparaiso, IN 46383
219-464-6183 email: dresetar@orion.valpo.edu

LIBRARIAN

BERNHARD KUMMEL LIBRARY OF THE GEOLOGICAL SCIENCES

As a key member of the Bernhard Kummel Library, whose collection includes 63,000 volumes, 41,000 maps, and 850 periodical titles, this individual will administer and support research and curriculum in geology, geophysics, and other related subjects, within the Department of Earth and Planetary Sciences. The annual budget is 255K, including a materials budget of 80K. Responsibilities involve overseeing collection development in the earth sciences, preparing and monitoring budgets, managing three FTE plus students, providing automated/reference services, as well as instructing library use. Areas of supervisory oversight include all library circulation, reserves, acquisitions, technical services, and interlibrary loan operations.

Qualifications: Candidates must have: M.L.S. and a degree in Geology, Earth Sciences, or related field and relevant library experience; knowledge of earth sciences literature, including geological sciences book and map trade; experience in managing a science collections budget; ability to work with resources in a wide range of foreign languages; demonstrated expertise with searching electronic resources, including internet resources; comprehensive understanding of the issues and trends in earth science research and experience with cartographic resources in the earth sciences.

Available: July, 1996

Compensation: Appointment salary depending on qualifications, mid - high 40's. Major benefits include twenty days annual accrued vacation; generous holiday and sick leave; choice of health plans; dental insurance; life insurance; disability benefits; university-funded retirement income plan; tax deferred annuity options; staff tuition; and child care scholarships.

Applications received by May 1, 1996 will be given first consideration. Applications will be accepted until the position is filled. Please submit a letter of application addressing qualifications, resume, and the names of three references to:

Hazel C. Stamps
Director of Personnel Services
Harvard College Library
Widener 190
Cambridge, MA 02138

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AND EQUAL EMPLOYMENT OPPORTUNITY

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U N I V E R S I T Y



REVIEWS
by
Linda Musser

"The Economics of Professional Journal Pricing" by M. A. Stoller, R. Christopherson, and M. Miranda (College and Research Libraries, v.57, no.1 (Jan. 1996):9-21) reviews the literature on journal price discrimination and suggests solutions such as creating a monopsony (a single buyer market) via consortia.

The National Research Council has organized a study on the barriers to transborder flow of scientific information. The study will focus particularly on the natural sciences. Views and comments are invited (ARL News, no.183 (Dec. 1995):40) by CODATA at their Web site (<http://www.cisti.nrc.ca/codata/welcome.html>).

"A survey of STM online journals 1990-95: the calm before the storm," by Steve Hitchcock, L. Carr, and W. Hall (<http://journals.ecs.soton.ac.uk/survey/survey.html>) analyses the nature of full-text, peer-reviewed electronic journals. It includes hot links to these journals and discusses the usefulness of online journal awareness services.

ELAINE CLEMENT and Joyce Ogburn have co-authored an article describing the usefulness of GeoRef for archaeology research. "Searching GeoRef for Archaeology" (Behavioral & Social Sciences Librarian, v.14, no. 1 (1995): 1-10) describes their study.

Those looking for places to publish their research may want to consult "Academic publishing: an annotated bibliography of sources" by Betty L. Ronayne (Behavioral & Social Sciences Librarian, v.14, no.1 (1995):11-27). Its focus is on secondary sources and guides to getting published. Despite the venue, the coverage includes the sciences and the arts as well as the social sciences.

A more directed guide to publishing outlets for librarians is *Guide to Publishing Opportunities for Librarians* (Carol F. Schroeder and Gloria G. Roberson, eds. New York: Haworth Press, 1995. 221 p.). This book contains details on approximately 300 library science journals and has a listing of refereed titles. Entries include information on scope and content, audience, acceptance rate, and other details. (Thanks to Connie Manson for pointing this title out.)

Preserving Scientific Data on Our Physical Universe: A New Strategy for Archiving the Nations Scientific Information Resources (Washington, DC: National Academy Press, 1995. 67 p.) summarizes the recommendations of a National Research Council panel whose primary focus was on the long term retention of data in the physical sciences.

The "World Survey of Availability of Theses in Science and Technology" is available at the IFLA web site (<http://www.nlc-bnc.ca/ifla/v/wgddst/wgddst.htm>). The Survey describes the availability of theses by country; it does not list the theses themselves.

The February 1996 issue of *New Media* (v.6, no.3 (1996): 40-56) features a review of the best new CD-ROM drives. Fifteen 4X, 6X and 8X drives are put through the paces.

"Looking Trojan gift horses in the mouth: Are special issues special enough to pay extra money for and bind?" by Tony Stankus (Technicalities, v.15, no.9 (Sept. 1995): 8-10) has some pithy things to say about special journal issues. Primarily an opinion piece, it takes a look at the varied nature of special issues.

Uncover users take note, "So You're A Wise Guy Now..." by Gordon Loui describes advanced searching techniques for use in Uncover. He describes boolean searching, name/word searching and truncation (Searcher, (Oct. 1995):20-21).

"User behavior in a non-mediated document delivery environment: The Direct Doc pilot project at Arizona State" by Sheila Walters (Computers in Libraries (Oct. 1995): 22-26) describes the results of a project allowing faculty unlimited and un-mediated use of several document delivery services. The volume of requests, costs and quality of services are described as well as future plans for document delivery services at Arizona State.

"Earth Online" by Alexandra Witze (Earth (April 1996): 52-59) gives the editors' top ten list of earth science Web sites. Each listing gives a sample image and detailed description of the site.

"Cataloging the Web" by Aggi Raeder (Searcher, v.3, no.7 (July 1995):12-19) describes and rates various Web search engines.

"Building subject-specific guides to Internet resources" by Peter S. Morville and Susan J. Wickhorst (Collection Building, v.14, no.3 (1995):26-31) describes a methodology for building an Internet resource guide.

"Serials cancellations and interlibrary loan: the link and what it reveals" by Michael J. Crump and LeiLani Freund (Serials Review (Summer 1995):29-36) describes the experience of University of Florida librarians as they transitioned from ownership to access for many serials titles.

While not a common format in most of our libraries, the article "Posters as a library resource: the International Poster Collection at Colorado State University" by Chris-

tine Nelson and Joel S. Rutstein (Collection Management, v.20, no.1/2 (1995):115-138) raises some interesting points about this little- collected format.

H. F. Moed and Th. N. Van Leeuwen offer up suggestions for improvement in accuracy of the ISI journal impact factor in "Improving the accuracy of Institute for Scientific Information's journal impact factor" (ASIS Journal, v.46, no.6 (1995):461-467).

"Acquiring monographic series by approval plan: is the standing order obsolescent?" by Steven M. Rouzer (Library Acquisitions: Practice & Theory, v.19, no.4 (1995): 395-401) describes a comparison of performance of approval plans and standing orders for acquisition of titles in series.

"LME 101: a required course in basic library skills" by Linda Alexander (Research Strategies (Fall 1995): 245-249) describes the staffing and content of this required course, offered at Western Kentucky for over 30 years.

The results of the article "Access to OSU theses and dissertations in Kerr Library: How are they used ... or are they?" by Janet Lee-Smeltzer and Deb Hackleman (Technical Services Quarterly, v.2, no.4 (1995):25-43) indicate that the assignment of subject headings for these materials is useful in user retrieval.

"Towards the active collection: the use of circulation analyses in collection evaluation" by Mike Day and Don Revell (Journal of Librarianship and Information Science, v.27, no.3 (Sept. 1995):149-157) concludes that data derived from circulation activity reports can prove valuable in collection evaluation. Details of data collected are described.

The authors of "Theft and damage in an academic library: the student experience" recommend the involvement of students as partners in preserving and protecting library collections (by Mick Gregson and Allison Hocking, Journal of Librarianship and Information Science, v.27, no.4 (Dec. 1995):191-197).

"Finding search services on the Internet" by Aggi Raeder (Searcher, v.3, no.5 (May 1995):28-33) lists Internet sites of major online vendors. Addresses for 14 services are given and described.

Volume 51/52 of The Reference Librarian is devoted to the theme of library instruction. It is 447 pages long.

"Purchasing electronic resources: an acquisitions perspective" by Nancy M. Stanley appears in the Acquisitions Librarian (v.13/14, p.153-163).

The ASIS Journal (v.46, no.8) contains a special section on chemical information and the chemist's workstation (p. 608-641).

Microcomputers for Information Management (v.12, no. 1-2 (1995):133-144) has a glossary of Internet terms such as T-1, POP and SLIP.

Information management in the oil and gas sector - the new credibility of outsourcing by Graham Pryor (Journal of Librarianship and Information Science, v.27, no.3 (Sept. 1995):131-6) describes a case study of outsourcing a special library.

The Journal of Library Administration (v.21, no.3/4) is a theme issue on student assistants in libraries.

The Journal of Academic Librarianship (v.21, no.4 (1995)) issue is devoted to the topic of GIS and academic libraries.

NEW PROFESSIONAL BOOKS:

- * Academic libraries as high-tech gateways: a guide to design and space decisions. ALA, 1995.
- * At the crossroad: librarians on the information super-highway. Libraries Unlimited, 1995.
- * Collection development and finance: a guide to strategic library-materials budgeting. ALA, 1995.
- * Cyberspace and the law: your rights and duties in the online world. MIT Press, 1994.
- * Discovering librarians, profiles of a profession. ALA, 1994.
- * Electronic manuscript preparation and markup. NISO, 1994.
- * Internet resources: a subject guide. ACRL, 1995.
- * Knowledge-based systems for general reference work: applications, problems and progress. Academic, 1995.
- * Librarian's guide to public records. BRB Pubs., 1995.
- * Library services for non-affiliated patrons. ALA, 1994.
- * Magnetic tape storage and handling: a guide for libraries and archives. Commission on Preservation and Access, 1995.
- * Managing student library employees: a workshop for supervisors. Library Solutions, 1995.
- * On these walls: Inscriptions and quotations in the buildings of the Library of Congress. GPO, 1995.
- * Oversize color images project, 1994-95, Final report of Phase I. Commission on Preservation and Access, 1995.
- * Planning additions to academic library buildings, a seamless approach. ALA, 1995.
- * Successful staff development: a how-to-do-it manual. Neal-Schuman, 1995.
- * The complete Internet companion for librarians. Neal-Schuman, 1995.

NEW MEMBERS

Personal Members:

Agnes Adams
University of Nebraska
Box 880420
Lincoln, NE 68588-0410

David B. Hampson
Self-Employed Consultant
3096 Eaton St.
Denver, CO 80224

Janet R. Howe
Student
Chicago, IL

Yulia Selvivanova
National Library of Russia
St. Petersburg
RUSSIA

Institutional Members:

California Division of Mines and Geology
Representative: Maryjane Trujillo
801 K Street
M.S. 14-13
Sacramento, CA 95835

Exxon Production Research Co.
Information Center
Representative: Jan B. Heagy
Houston, TX 77252-2189

INTERNET RESOURCES

with contributions from:

Phil Hoehn <phoehn@library.berkeley.edu>;
Joe Kohut <KOHUT@lib.pdx.edu>;
Lois Heiser <heiser@indiana.edu>

Joe Kohut at Portland State has put up a clickable
imagemap of the Geological Time Scale at:
<http://straylight.lib.pdx.edu/~kohut/geotime/geotime.html>
Comments, suggestions, etc. are welcome.

The Earth Sciences & Map Library at the University of California, Berkeley has just mounted the "Dictionary of abbreviations and Acronyms in Geographic Information Systems, Cartography, and Remote Sensing" by Philip Hoehn and Mary Larsgaard, at <http://www.lib.berkeley.edu/EART/abbrev.html> It contains approximately 3,000 entries.

Fax copies of *Science* articles are available for \$7, as announced in their Web page. That system is currently set for credit cards (or for the leary, they provide an order form which can be filled out and faxed to them.)

FORTHCOMING MEETINGS

The Centennial Mineralogy Symposium at Pennsylvania State University, will be held September 27th-29th, 1996. The theme will be Carbonate Mineralogy. The planned events include Lectures by Mineralogists and Geologists; Tour of Newly- Opened Exhibit of The Penn State Collection of Mining and Mineral Industries Art; Keynote Speaker; Tours of X-Ray Diffraction and Electron Microscope Labs; Benefit Mineral Auction; Silent Auction; Evening Wine & Cheese Reception; Mineral Museum Open-House; Tour of Historic Curtin Village (1800's Iron Mining Village and Restored Iron Furnace) via the Bellefonte Historic Railroad; Carbonate Mineral Collecting Field Trip (on Sunday)

Persons interested in giving 20-35 minute presentations on topics related to the Symposium Theme "Carbonate Mineralogy" are invited to send a brief one-page abstract of their proposed talk to the above address or call 814/865-6427.

This Symposium is open to all mineral collectors. To receive more information and registration form, please send your name, phone number, and mailing address to:

Centennial Mineralogy Symposium, c/o Penn State Mineral Museum,

122 Steidle Building, University Park, PA 16802

Sponsored by the Earth & Mineral Sciences Museum at Penn State University and the Nittany Mineralogical Society.

Connie J. Manson, Editor
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