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THE NEWSLETTER OF THE SCIENCE AND TECHNOLOGY SECTION

VOLUME 6, NUMBER 2

FALL 1991

ISSN:0888-6563

From the Chair

Beverlee French

As we look forward to ALA Midwinter, about 200 STS members will be actively involved in the Section's business. I would like to invite all members to participate in STS activities. The tentative schedule for Midwinter in San Antonio is on page three of this *Signal*. Although the Section's activities seem to revolve around ALA conferences, I welcome any input from members who are unable to attend the conferences.

As you may know, ACRL President Anne Beaubien's theme for 1991/92 is recruitment of academic librarians. With only about 6% of MLS degrees going to individuals with academic backgrounds in the sciences, this issue is of particular interest to STS. A number of ongoing STS activities are pertinent to recruitment of science librarians. The Section is planning a preconference for 1993 which is designed to provide instruction in science reference and collection development for librarians who are not science specialists. We are also seeking funds for a minority scholarship to encourage the participation of under-represented minorities in the STS activities at ALA meetings.

In order to promote the recruitment theme, I have promised *C&RL News* that someone from STS will write a short article on recruitment of science librarians by January 15! Ideally, this will be a "success" or "idea" story or a report on a successful program or activity. If nothing turns up, then we need to write something that addresses the problem. Is anyone interested in writing or collaborating on it?

Please contact me immediately if you have a success story or would like to write on the topic.

Beverlee French
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916-752-2110



From the Vice-Chair/Chair-Elect Karen Feeney

As Vice-Chair of STS, my primary responsibility this year is to make the 1992/93 Committee appointments. I invite any of you who have not previously been involved with STS to introduce yourself to me, or send in the Committee Volunteer Form which is included in this issue of the *STS Signal*. This issue includes information on the activities of the various committees. I encourage any of you who are interested to attend a committee meeting at Midwinter and then get in touch with me to express your interest.

I hope that you will find participation in STS to be an important part of your professional communication with other science librarians, and I look forward to meeting as many of you as possible in San Antonio.

Karen Feeney
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STS SIGNAL is a semi-annual publication of the Science and Technology Section of ACRL designed as a communication vehicle to the members of the Section and other interested parties. Electronic transmission of materials for submission is preferable, and instructions for transmission are available on request. Inquiries should be made to the Co-Editors, Martha Lyle and Kathy Wood Fescemyer, R.M. Cooper Library, Clemson University, Clemson, SC 29634-3001. Phone: 803-656-5185. © American Library Association. STS Signal is published twice annually in May and November. Editorial deadlines for each issue are March 1st and October 1st of each year. STS Signal is available to all section members at no additional charge, and is available to nonsection members for \$5.00/yr or \$3.00/issue through the ACRL office.

**STS Executive Council Meeting
Highlights**

The Section Review Evaluation of Progress and Recommendations was discussed. The one item not addressed from the 1989 Section Review is the strategic plan.

STS publishes the section newsletter twice a year through the ACRL Office. The editors are looking for ways of enlarging the newsletter, providing more space for articles. Draft guidelines for the STS electronic newsletter should be ready by the 1992 Midwinter meeting.

Plans for a San Francisco pre-conference have been abandoned in favor of a New Orleans pre-conference. A new committee will be formed to start planning the pre-conference.

Results from the survey on the importance of conference proceedings may be ready for analysis at the San Antonio meeting. The committee may also try to publish the results.

The Comparison of Science Libraries Committee will survey science libraries beginning in July.

The Oberly Award Committee has collected over half the money needed for a \$10,000 endowment.

The Subject and Bibliographic Access Committee appointed a task force to work on a preconference with the ALCTS Committee on Cataloging and Description Access in 1994.

The program for San Francisco will be "Science and Technology Issues, Your Right to Know". A reception for STS members will be held at the California Academy of Sciences, with a marine tour beforehand.

Information provided by Marilyn Von Seggern
Reported by Nancy Shepard

The STS Newsletter Committee which produces the *Signal*, continues to move into the realm of electronic publishing. Committee co-chairs, Kathy Wood Fescemyer and Martha Lyle, reported that the ACRL Publications Board has been very encouraging. Harry Llull, chair of the subcommittee charged with investigating these possibilities, prepared a draft of proposed guidelines for STS Electronic Communications and presented them to the newsletter committee. The goal is to complete these guidelines at Midwinter.

As envisioned, STS Electronic Communications will have two distinct facets: the first is an electronic supplement to the *Signal*, which will be sent to subscribers approximately two weeks prior to each ALA meeting, and the second, which should debut in fall 1991, will have a newsletter format and will include brief topical articles. If you have any questions, comments or items for consideration or wish to subscribe, please contact Harry by E-mail at HLLULL@UNMB (BITNET) or HLLULL@Bootes.unm.edu (INTERNET). He can be reached by phone at 505-277-4734.

Gregg Sapp



Call for Sci/Tech Abstracts for Forum 3, 1992

Science and technology librarians -- take advantage of this opportunity to present your preliminary research results or ALA committee findings by submitting an abstract to the Forum for Science & Technology Research. The Forum Committee invites abstracts describing recent research or work in progress of interest to science and/or technology librarians. Committee members will select individuals to present reports of their research at the 1992 ALA Annual Conference in San Francisco.

The research should focus on timely, relevant and significant aspects of science and/or technology librarianship. Proposals should be limited to one page and should contain an abstract of not more than 250 words as well as the researcher's name institution, phone number and e-mail address (where available).

The deadline for submission is Jan. 1, 1992. Papers will be selected at the ALA Midwinter Meeting 1992. Send proposals to: Katie Clark, Head, Life Sciences Library, E205 Pattee, Pennsylvania State University, University Park, PA 16802 (phone 814-865-3708).

Reported by Kathy Whitley & Katie Clark

SCIENCE AND TECHNOLOGY SECTION
1992 MIDWINTER MEETINGS
SAN ANTONIO, TEXAS

<u>Day/Date</u>	<u>Time</u>	<u>Committee</u>
Fri/Jan 24	9:00 - 5:30	Importance of Conf. Proc. Task Force
	6:30 - 7:30 PM	New Committee Chairs Orientation*
	7:30 - 10:00 PM	STS Council I* (9:00 - 10:00 Exec. Board)
Sat/Jan 25	8:30 - 12:30	Comparison of Science & Technology Lib.
	9:30 - 12:30	Oberly Award Committee
	9:30 - 11:00	Publisher Relations Committee*
	10:30 - 12:30	Newsletter Committee*
	11:00 - 12:30	Planning Committee*
	11:00 - 1:00	Importance of Conf. Proc. Task Force*
	2:00 - 4:00	SCIENCE DATABASES DISC. GROUP
4:30 - 5:30	Discussion Group Leaders Joint Meeting*	
Sun/Jan 26	8:30 - 12:30	1992 San Francisco Prog. Planning Comm.
	9:00 - 11:00	Continuing Education Committee*
	11:00 - 1:00	Membership Committee*
	2:00 - 4:00	GENERAL DISCUSSION GROUP
	8:00 - 10:00 PM	Directors of Science Libraries Disc. Group
	8:00 - 10:00 PM	Taskforce on Librarian Workshops
Mon/Jan 27	9:00 - 11:00	Legislation Committee*
	9:00 - 11:00	Subject & Bibliog. Access to Sci. Materials*
	8:30 - 12:30	1993 New Orleans Program Plan. Comm.
	8:30 - 12:30	Research Forum Task Force
	2:00 - 4:30	1993 Preconference Committee*
	8:00 - 10:00 PM	STS Council II

* Note: Times do not correspond to times listed in ALA program

1991 Annual Meeting Committee Reports

may necessitate some additional questions for the survey. Subcommittees were appointed to address these issues at midwinter.

Information supplied by Harry Llull
Reported by Harry Llull

College Science Librarians Discussion Group

Four featured speakers: Charles Myers, Kathleen Kenny, Victoria Mitchell and Robin Raquet discussed "Science Collections in College Libraries: Separate or Integrated?" Drawing from their various experiences, the speakers told about a broad spectrum of issues, concerns, problems, and pros and cons related to this unique aspect of collection management. Discussion focused to a great extent on the process of working with faculty, who were often opposed to moving departmental collections. Still, several benefits were cited, such as improving communication and interaction among science faculty and students from different disciplines. Co-chairs Alison Ricker and Sara Penhale moderated the general discussion on how to improve communications between science librarians and faculty. All agreed that maintaining open channels of communication with faculty is especially critical in times of funding retrenchment.

The next meeting of the discussion group will be at ALA in San Francisco, 1992. A possible topic is "Selecting the Format of Indexes and Reference Tools: Paper vs. CD-ROM vs. Online Access."

Information supplied by Gregg Sapp
Reported by Gregg Sapp

Comparison of Science/Technology Libraries Committee

Subcommittee members, Jeanne Boyle and Tom Melvin, discussed their findings for non-responses to the third (1988/89) survey. Julie Hurd, chair of the second subcommittee, with members Robert Anderson, David Curry, and Nestor Osorio reviewed the previous survey instruments. The written reports of both subcommittees will become part of the committee's historical files.

The committee agreed that a fourth survey should not be done until the data from the third survey has been compiled and shared with the committee and participants. The chair will do this by midwinter. A fourth survey will be implemented during the spring and summer of 1992. The survey instrument will be as simple as possible and modeled on the third survey form. However, it will be constructed so that similar organizational structures of academic libraries, as they pertain to science and technology services, can be compared. The fourth survey will be preceded by a telephone contact to include some basic questions on organizational structure and appropriate contact. New developments in libraries

Conference Program Planning- San Francisco 1992

The title of the 1992 STS program is "Issues in Sci-Tech Information: Librarians' Right to Know." Proposed speakers are anticipated from the Library of Congress, the University of California, Davis, a health information service and the database vendor and publishing communities. The Committee selected the California Academy of Sciences as the site for the STS 1992 reception and also elected to sponsor a tour of the California Marine Mammal Center and the San Francisco Bay Model. The half-day tour is being coordinated by the local arrangements subcommittee.

Information supplied by Maria Pisa

Discussion Group

The discussion, "Access to Science Journals. After We Cancel. What Next?" was facilitated by two members of the publishing community, Ron Akie from Faxon and Lin Hamilton from ISI. The following emerging trends were highlighted: the number of subscriptions in the U.S. will not grow in the next few years; librarians must plan to provide access to the journals they will not be able to own; this access will augment the physical collection. Libraries may want to follow the lead of the manufacturing industry in the concept of Just-In-Time (JIT) access. The publishing community will not take the lead in providing alternate access to journals, so librarians must begin now to build a more efficient infrastructure for providing document delivery. For accessing the information our patrons require, we must explore and refine alternate routes such as interlibrary loan, full-text databases, faxing, scanning and transmitting documents, and developing electronic journals and other means of electronic transmission of information. Since abstracts and indexes will take on an even greater importance in identifying information, bibliographic instruction must expand its emphasis to access rather than local ownership.

Information supplied by Lynn Kaczor, Julia Gelfand
and Marilyn Von Seggern
Reported by Lynn Kaczor

Heads of Sci/Tech Libraries Discussion Group

Co-chairs Emerson Hilker and Bob Michaelson lead an informal and open discussion which included

twenty-five people. Don Frank introduced the first topic on space and facilities planning and the problems dealing with old, crowded library buildings. Many personal experiences were related by different members of the group including libraries which were more the 100% full, with books on the floor, to libraries which routinely send materials to storage to accommodate the newer material being purchased. Approaches discussed included: political pressure to generate more space, converting periodical collections to microforms, remote storage, and compact shelving. Another suggestion was to attempt to handle more stacks in one's current space. However that can generate problems in terms of safe access for patrons and access for the handicapped. One participant used the term "semi-compact" to refer to shelving that had been placed closer together which might be considered an exception to the access requirements of normal stacks. Harry Lull introduced the next topic based on a cooperative library agreement he is attempting to work out with three technical libraries located in federal or national laboratories. All four libraries involved have overlapping research interests as well as some joint appointments of researchers. It is an attempt to integrate an academic library focus with a special library focus for the mutual benefit of all. Two of the main issues are administrative organizations with very different styles and missions and unclassified versus classified status. Jeanne Boyle proposed that the group discuss at the midwinter meeting how to allocate or reallocate collection funds. Suggestions for other topics should be sent to either Emerson Hilker or Bob Michaelson (RMICHAEL@NUACC.BITNET).

Information supplied by Bob Michaelson
Reported by Harry Lull

Membership Committee

Carole Armstrong distributed copies of the new edition of the STS brochure which will again be sent to all new section members. Since it now includes a volunteer form, the committee expects more new members will be encouraged to volunteer for committees. Tom Dowling will be responsible for updating the database and issuing the committee membership lists.

Information supplied by Martha Lyle
Reported by Martha Lyle

Nominating Committee

Chair/chair elect:

Janet Fore
Helen Gbala

Secretary/publicity:

Janet Chisman
Barbara DeFelice

Information supplied by Lois Pausch

Oberly Award Committee

The Committee continues to work toward its 1993 goal of \$10,000 for the endowment of the Oberly award. Contributions have been received from USAIN (\$2500) and Cargill Information Center (\$500). CBHL has promised a \$1000 donation. Moving the Oberly nomination deadline to December 1, 1992 was discussed. This change would increase the amount of publicity provided by ACRL. The Committee also discussed a recommendation that a press re-



ACRL Newsletter News

Help! Help! When you receive this issue of the *STS Signal*, please send one of us a note or E-mail message with your name, city and the date the *Signal* reached you.

ACRL is changing the mailing of the *STS Signal* from first class to non-profit bulk rate. Your *Signal* Editors and STS Council object to this idea and believe that ACRL can afford to spend less than a dollar per year to mail the *Signal* first class. Many of our members received last fall's issue late because of a postal mixup. We fear that bulk mailing will further delay the process. Being objective sci-tech librarians, we are conducting an experiment to compare first-class mailing of the fall issue with bulk mailing of the spring issue. We will use the results in an attempt to convince ACRL that first class is the more effective way to mail the *Signal*.

The *Signal* is now being printed on recycled, acid-free, white paper and it is now folded in thirds to be the size of a standard business envelope.

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lease be sent to the publisher of the award-winning bibliography to be displayed during the Annual Conference.

Information supplied by Amy Paster
Reported by Julia Zimmerman

Planning Committee

As Ellie Mathews, Linda Philips and John Abbott prepared to rotate off the committee after serving since 1987, the Planning Committee spent its meeting passing the oral history from the old committee to new members. Significantly, most of the committee's early recommendations have been acted upon by the STS Executive Committee. The revised bylaws have been sent to ACRL for division and section ratification. ACRL recently changed its section review cycle from a three-year to a five-year cycle. The last section review was discussed, as well as section size, section communication and ACRL.

Information supplied by John Abbott
Reported by Julia Zimmerman

Preconference Committee

The Committee decided to abandon plans for a preconference on "Information Seeking Behaviors of Scientists and Engineers," planned for San Francisco in 1992. Given the high cost of preconferences and the general economic slowdown, it was felt that the topic would not draw enough registrants at \$150 per person.

Building on the work of the Taskforce on Librarian Workshops which was unsuccessful in obtaining grant funding, a new committee will be formed to plan a preconference on training non-science librarians to do science reference. This preconference would meet a widespread need. The STS Council approved the recommendation. This preconference is planned for New Orleans in 1993, and Caroline Harnly and Howard Dess have been appointed cochairs.

Information supplied by Karen Feeny
Reported by Julia Zimmerman

Publisher Relations Committee

Billie Reinhart sent thank you letters and invitations to attend STS meetings in Atlanta to all the science and technology exhibitors at the 1991 Midwinter Meeting. Bob Michaelson compiled the list of publishers concerned with science and technology materials. Billie Reinhart provided access through electronic mail prior to the meeting and print copies at several STS meetings and discussion groups. Bob Michaelson agreed to compile the publishers list for the 1992 Midwinter Meeting.

Information supplied by Billie Jo Reinhart
Reported by Martha Lyle

Science Databases Discussion Group

With the topic of "The Electronic Hitchhiker: Exploring Databases on the Internet", this discussion session was attended by more than 67 people. Carl Lee described the collection of interconnected networks that make up the Internet. Greg Pratt presented information about GenBank, a database of molecular biology information available through the Internet. Amy Paster discussed PENpages Information Service, which is used by county extension agents in Pennsylvania.

Information supplied by Janet Fore
Reported by Nancy Shepard

Subject and Bibliographic Access to Science Materials Committee

A discussion with EI representative Ruth Miller on the proposed Engineering Index thesaurus resulted in several suggestions on its form and content. A task force will look into the possibility of creating a standard on publishing conference proceedings, based on the STS recommendations published in *College and Research Libraries*. The task force will consult with the ACRL Standards Committee, discover whether such standards exist and determine if this could become an ISO standard. A discussion on access to theses and dissertations also led to the formation of a task force which will draft recommendations for improving access to these materials.

Agenda items for ALA Midwinter include reports from the standards and theses/dissertations task forces and a discussion of the proposed STS/ALCTS preconference on cataloging conference proceedings.

Information supplied by Judith Carter
Reported by Becky Uhl

Task Force on Proceedings

The committee discussed preliminary returns from the national survey. At that time, data from all but three institutions has been received, covering a wide range of subject areas. An all-day session has been scheduled for ALA Midwinter in San Antonio to evaluate the data and to identify appropriate publications for reporting the results. Anyone who is interested in the committee's work and who will be in San Antonio on Friday, January 24 (9 am) is invited to join the committee's discussion. For more information, contact Denise Bedford, 301-622-5361 or Susan Redalje, 206-543-2070.

Information supplied by Denise Bedford and Susanne Redalje
Reported by Eleanor Elder



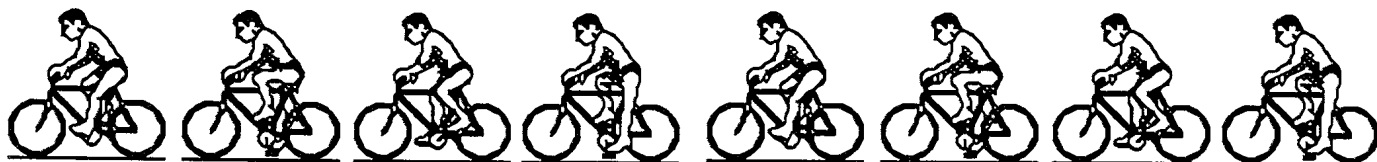
ACS-ACRL Liaison

Arleen Somerville is the liaison between ACRL and the American Chemical Society (ACS) Division of Chemical Information (CINF). This division has a "Copyright Information Pamphlet" for chemists available by sending a SAFE to the ACS Copyright Administrator, Publications Division, American Chemical Society, 1155 16th St., NW, Washington, DC 20036. The Careers in Chemical Information Committee will conduct surveys on salaries and qualifications of entry level chemistry librarians, produce a brochure on career opportunities, and develop a collection of career information. The Education Committee focuses on improving chemical information instruction and developing ready-to-use lectures and handouts for teachers of chemical computer searching. Five of these modules (DIALOG and STN versions of Chemical Abstracts and Patents Searching and Citation Searching for DIALOG) are available from Arleen Somerville, Head, Science and Engineering Libraries, Carlson Library, University of Rochester, Rochester, New York, 14627.



STS MEMBERS ATTEND IFLA

Two former STS Chairs, Marty Kesselman and Ellie Mathews, were delegates to the 57th Council and General Conference of the International Federation of Library Associations and Institutions (IFLA). The IFLA Conference was held in Moscow, August 18-24 and the delegates witnessed many of the historic events of the coup. Marty's comments will be found in the October issue of *American Libraries*.



ACRL Science and Technology Section Committee Volunteers

I am interested in serving on the following Science and Technology Section Committees:

- | | |
|--|--|
| <input type="checkbox"/> College Science Librns. Disc. Group | <input type="checkbox"/> Membership Committee |
| <input type="checkbox"/> Comparison of Sci/Tech Libraries | <input type="checkbox"/> Newsletter Committee |
| <input type="checkbox"/> Conference Program Planning | <input type="checkbox"/> Nominating Committee |
| <input type="checkbox"/> Continuing Education Committee | <input type="checkbox"/> Oberly Committee |
| <input type="checkbox"/> Discussion Group | <input type="checkbox"/> Planning Committee |
| <input type="checkbox"/> Forum on Emerging Issues & Res. | <input type="checkbox"/> Publisher Relations Committee |
| <input type="checkbox"/> Heads of Sci/Tech Libr. Disc. Group | <input type="checkbox"/> Science Databases Disc. Group |
| <input type="checkbox"/> Legislation Committee | <input type="checkbox"/> Subj. and Bibl. Access to Sci. Matls. |

Name _____

Address _____

Telephone _____ Fax _____ Email _____

Mail form to: Karen Feeney, Central Library, Acquisitions Dept. 0175A, Univ. of Calif., San Diego, 9500 Gilman Dr., La Jolla, CA 92093-0175

**STS DISCUSSION GROUP
MIDWINTER 1992**

**BIOSIS Previews and Cambridge Life Sciences Collection:
a Comparison of Life Sciences Databases on CD-ROM**

Science Databases Discussion Group
Saturday, January 25, 1992
2:00 - 4:00 PM

Promoting Library Services to the Scientific Community

General Discussion Group
Sunday, January 26, 1992
2:00 - 4:00 PM

**Now That You've Got the Money, How Do You Divide It Up?
and**

Electronic vs. Paper Information

Heads of Science Libraries Discussion Group
Sunday, January 26, 1992
8:00 - 10:00 PM



Newsletter Committee Contributors: Eleanor Elder, Kathy Wood Fescemyer, Lynn Kaczor, Harry Lull, Martha Lyle, Mary Markland, Gregg Sapp, Nancy Shepard, Theresa Sanderson Spence, Becky Uhl, Julia Zimmerman.

Proofreader: Betty Cook.

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