From the Chair
Beverlee French

As I write this, I am really just back from the Midwinter meeting in San Antonio. I am gratified and exhilarated by all the energy displayed by STS members. The dedicated committee chairs and members make the job of being STS chair a breeze. You will find updates on the myriad STS activities in this Signal issue.

For the annual meeting in San Francisco, the Program Committee has planned what promises to be an important and interesting program which follows the ALA President’s theme of librarian’s right to know: “Issues in Sci-Tech Information: Librarians' Right to Know” (p. 6). The STS program was one of three ACRL programs which received funds from ALA. You may want to make plans now for the STS tour to Sausalito on Friday, June 26 to the Marine Mammal Center and the San Francisco Bay Model. The California Academy of Sciences has again graciously offered its facility for the STS reception. It’s not often you’ll get an opportunity to party amidst alligators. I hope to see you there. Please remember to say thank you to the sponsors of the reception and program: Majors Scientific Books, Inc., Engineering Information, Inc., Chemical Abstracts Service, Elsevier Science Publishers, CRC Press, Inc., and Springer-Verlag.

Beverlee French
University of California, Davis
Davis, CA 95616
916-752-2110

From the Vice-Chair/Chair-Elect
Karen Feeaney Cargille

Thank you to all of you who have sent Committee Volunteer Forms to support the work of STS. For the first time, the numbers of volunteers far exceeded the number of spaces available on STS committees. If you sent in a form and did not receive a committee appointment, please be assured that I have retained your form and a list of the committees for which you have expressed interest. Your name will be considered as openings become available during the year. Also, remember that there are many ways to participate in STS without a committee appointment. All our discussion groups are open to all and are much more interesting when the group of attendees represents a broad diverse group of librarians. If you continue to be interested in the work of a committee, by all means visit that committee and express your interest in an appointment to the Chairperson.

My main responsibility now is planning for STS activities at the 1993 New Orleans Annual Conference. Please feel free to contact Program Chair Julia Zimmerman or me if you have ideas and/or suggestions. I look forward to working with you in the coming year to provide the kind of activities you need in STS.

Karen Feeaney Cargille
Central Library, Acquisitions Dept. 0175A
Univ. of Calif., San Diego
9500 Gilman Dr.
La Jolla, CA 92093-0175

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 Fesemyer, R.M. Cooper Library, Clemson University, Clemson, SC 29634-3001. Phone: 864-656-5185. © 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

ACRL's theme for 1992 is recruitment of science librarians.

Kathy Fescemeyer reported that the Newsletter Committee has written guidelines for the STS Electronic Communications. Harry Lull said about ten new subscribers are added daily. Beverly French will report on the progress of the STS EC to ACRL.

ACRL is strongly encouraging bulk mailing for section newsletters.

Amy Pastor reported that a goal of $10,000 for 1993 has been set for the Oberly Award endowment fund. NAL has recently donated $1000. ALA's Public Relations Office will issue a press release for the Oberly Award's 70th anniversary and will publish an annotated bibliography of winning titles and biographies of winning authors.

The 1993 Preconference Committee is working for grant funds to cover some of the costs. ACRL approved the committee's plans.

The Council approved changing the name of the Publisher Relations Committee to the Publisher/Vendor Relations Committee with the charge altered appropriately.

The Sci/Tech Librarian Workshop Planning Task Force is supporting a $65,000 grant request for a 1-week intensive training workshop for science librarians. If funding is not available, this group may merge with the Preconference Committee.

STS by-law revisions were approved by ACRL, with minor amendments, and will be sent to the ALA board for inclusion in this year's ballot.

The Subject and Bibliographic Access to Science Materials Committee is contacting ISO about the possibility of a standard for publication of conference proceedings.

Information supplied by Lois Pausch
Reported by Julia Zimmerman

STS Electronic Communications Update

This fall, a new publication called, Issues in Science and Technology Librarianship was distributed. Its purpose is to enhance communications between STS members and others interested in science and technology publications. Issues will contain short articles and regular columns. Each issue may have a broad theme such as science literacy for the articles. We will look to the STS membership to provide ideas for articles and columns. The premier issue has received a very good welcome. Several groups such as PACS-L and the Tuttle newsletter provided publicity. Prior to this additional publicity there were 150 subscribers. At Midwinter 1992 there were over 320 subscribers and the numbers are still increasing. We estimated that over 800 people have had access to this first issue. The readership is a widely diverse group. Subscribers are from many libraries, government agencies such as the U.S. Department of Education, and other groups such as NSF or sci-tech librarian classes at universities. Subscribers are from a number of countries such as Great Britain, Israel, Switzerland, and China.

At Midwinter the Newsletter Committee reviewed a draft of Guidelines for STS Electronic Communications. Three types of publications will be produced to be distributed electronically. First, the Electronic Update will provide meeting information before annual conference and midwinter meetings. Issues in Science and Technology Librarianship will provide a forum for short articles and regular features. Special Bulletins will be issued for action items with short deadlines. The guidelines will be finalized at the Annual Conference.

For any of the STS Electronic Communications, requests for subscriptions, articles, suggestions or questions may be sent to the editor at ACRLSTS@HAL.UNM.EDU.

Kathy Fescemeyer

Call for Sci/Tech Abstracts for Forum 4, 1993

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 1993 ALA Annual Conference in New Orleans.

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).
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<tr>
<th>Day/Date</th>
<th>Time</th>
<th>Committee</th>
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<td>Fri/June 26</td>
<td>8:00 - 2:00</td>
<td>STS Tour</td>
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<td>(California Marine Mammal Center and San Francisco Bay Model)</td>
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<td>4:30 - 5:30</td>
<td>Continuing Education Committee</td>
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<td>STS Council I (9:00 - 10:00 Executive Board)</td>
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<td>Comparison of Science &amp; Technology Libraries</td>
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<td>Importance of Conference Proceedings Task Force</td>
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<td>Oberly Award Committee (Closed Meeting)</td>
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<td>Nominating Committee (Closed Meeting)</td>
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<td><strong>Heads of Science Libraries Discussion Group</strong></td>
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1992 Midwinter Meeting

Committee Reports

College Science Librarians Discussion Group
The College Science Librarians Discussion Group enjoyed a raucous and authentic Mexican dinner and hope to repeat it in San Francisco. The topic for our annual meeting was: "Science Journal Indexes in Print, CD-ROM, or Online: Selecting the Best Format for Undergraduates." We will consider a variety of products in alternative formats, including GeoRef and BIOSIS on CD-ROM, Infotrac's Expanded Academic Index, Reference Update, Carl's Uncover, and Current Contents on Diskette. Related issues for reallocating the acquisitions budget and providing effective instruction will be addressed.

Information supplied by Alison Ricker
Reported by Kathy Pesceemyer and Martha Lyle

Discussion Group
Kathy Pesceemyer and Christina Peterson facilitated the discussion, "Promoting Library Services to the Scientific Community." The leaders guided the group through a structured discussion of successful and unsuccessful outreach programs to faculty, graduate students and undergraduate majors in the sciences. Innovative programs using list-servs, OPACS, outreach visits to academic departments, and campus public affairs offices were mentioned along with the problems of quantifying the success of such efforts.

Following up on the summer topic, "Access to Science Journals—after we cancel, What Next?" several participants described post-cancellation symposia on their campuses to address the future of the scholarly publishing cycle, thus opening discussions with colleagues in the humanities and social sciences.

Information supplied by Marlena Wald
Reported by Martha Lyle

Comparison of Science/Technology Libraries Committee
Julie Hurd led the discussion of the draft questionnaire for this summer's proposed survey. Julie will take the committee's recommendations and develop a final draft. The target date for completing the survey instrument is early May. The group then discussed the telephone pre-survey submitted by Tom Melvin. The discussion focused on the purpose of the telephone survey which will have the following goals: 1) to identify the most appropriate person to fill out the form 2) to ascertain the statistics the respondents will be able to supply easily and those that will be difficult or impossible to supply 3) to encourage participation with whatever information can be supplied. The committee reviewed the outline of survey assignments of ARL libraries that was sent out by Jeanne Boyle.

Information supplied by Harry LLull
Reported by Harry LLull

Education Committee
The Committee began work on three information gathering projects: a) review of the ALA Handbook of Organization for other continuing education groups in existence within ALA, b) contact the ACRL Chapter Council for information on regional groups with continuing education or professional development activities, c) prepare a survey to be conducted at Annual Conference in San Francisco. From this information we hope to learn what other similar committees are doing within ALA and regionally, as well as a picture of the continuing education needs of STS members who attend the various Discussion Groups and the Annual Conference Program.

Information supplied by Janet Fore
Reported by Martha Lyle

Conference Program Planning—New Orleans 1993
The working title for the program is "New Formats, New Services: Keeping Up" and will cover the range of formats, from traditional to electronic sources, in which scientific information is being produced and disseminated. How do we keep abreast of what is available? How do we keep our users informed of appropriate resources? How do traditional activities, such as acquisitions, cataloging, and circulation, for example, adjust? How much instruction in the use of networks and electronic sources can we provide? What does it all mean for the future of sci/tech libraries?

The the program format will consist of a keynote speaker with four breakout sessions. The first choice

Forum
The Committee evaluated and discussed 16 proposals which had been submitted for presentation on June 28th at the 1992 ALA annual conference. The evaluation criteria emphasized the scholarly approach to research. Four excellent proposals were selected.

Information supplied by Katie Clark
Reported by Lynn Kaczor

Heads of Sci/Tech Libraries Discussion Group
Discussion began with responses to the 1992 ACRL President’s theme, recruiting librarians. Attendees shared experiences with various programs including joint efforts between academic libraries and library schools to provide internships, systematic at-
tempts to promote librarianship to classified and
part-time staff, tuition remission plans, time off with
pay for courses, transportation for staff needing to
tavel to classes, and recruitment of graduate stu-
dents through faculty in science disciplines. Other
discussion topics explored experiences in formulating
access and materials budgets, evaluation of electronic
reference tools, use studies in relation to cancellation
projects and causes for the decreasing use of home li-
laries by faculty.

Information supplied by Emerson Hilker
Reported by Becky Uhl

Membership Committee

Marjo Gray mailed 119 brochures and welcoming
letters to new members. Thomas Dowling mailed all
the STS committee lists for Midwinter. Carol Robin-
son will attend the ACRL membership meeting to see
what we might learn from or contribute to that
group. The STS brochure will be at the ACRL exhibit
in San Francisco. The next edition of the brochure
will update committee names and charges and ask
for interest in chairing the discussion groups.

Information supplied by Carole Armstrong
Reported by Martha Lyle

Preconference Committee

"Science Reference Service: An Introduction for
the General Reference Librarian," is planned for
June 25, 1993 before the Annual Conference. Its pur-
pose is to help reference librarians without a science
background become better equipped to answer their
patrons' science questions. A keynote speaker will be
featured followed by sessions on core reference sour-
ces in the life sciences, physical sciences, and applied
sciences. The closing session will cover online and
CD-ROM resources. Vendor demonstrations will be
included. To lesson the registration fee, the commit-
tee has applied for a World Book--ALA Goal Award
and is soliciting funds from vendors. Lists of poten-
tial speakers are being developed, so if you are inter-
ested, please contact Caroline Harnly at (415) 338-
1454 or on Internet at charnly@fsuvox1.sfsu.edu by
June 1, 1992.

Information supplied by Caroline Harnly
Reported by Mary Markland

Publisher/Vendor Relations Committee

The inaugural meeting of the newly named com-
mittee was attended by more publishers and vendors
than librarians. The new charge is: "To serve as a
channel for exchanging information between science
and technology publishers and vendors and science
and technology librarians." A Gale representative
described new print products while Elsevier, Pergamon
and Silver Platter introduced new electronic prod-
ucts. Discussions included emerging technologies,
LAN considerations, electronic formats and increased
use of electronic publishing and communication. Pur-
chasing versus leasing of CD-ROMs led to discussion
of the economic and financial climate and the future
of journal publishing, as well as to potential market-
ing strategies. A list of publishers and vendors exhib-
iting at the San Francisco annual conference will be
produced.

Information provided by Michael Fineman
Reported by Julia Zimmerman

Science Databases Discussion Group

The discussion focused on CDs for the life scienc-
es. A representative from BIOSIS demonstrated a
CD which covers 7,000 journals back to 1989.
Searching modes include free text, field-specific, sub-
ject searching by concept, and bio-systematic codes.
Marketing representatives from Compact Cambridge
demonstrated the "Cambridge Life Sciences Database
on CD" which covers about 5,000 journals with a core
list of 1,500. A variety of levels of searching are avail-
able from menu prompts to command driven.

Information supplied by Janet Fore
Reported by Lynn Kaczor

Subject and Bibliographic Access to Science
Materials Committee

Discussion began with the reports of the task
force studying ISO standards for publishers of confer-
ence proceedings. They found several related stan-
dards by none adequate and will continue to investi-
gate what impact existing standards have on
publishers. The task force investigating access to
theses and dissertations reported their findings and
will continue to gather information on how libraries
treat theses and dissertations, including level of cata-
logging, use of subject headings, volume of theses han-
dled, turn-around time for cataloging, and use of the-
ses advisors' names as an access point.

Information supplied by Judith Carter, Joan Lussky
Reported by Becky Uhl

Task Force on Proceedings

The Task Force met twice to focus on the review,
preliminary analysis and report planning for the na-
tional survey of scientists and engineers completed
last year. The first meeting, an all day working ses-
tion, reviewed individual data sets, compared the re-
sults to the full set of responses, began to analyze
and discuss the results, and drafted the schedule for
reporting results to College and Research Libraries.
A draft report should be sent to the C&RL editorial
board by June.

Information supplied by Denise Bedford
Reported by Becky Uhl
STS Pre-Conference Tour
8:30 a.m.-3:30 p.m. Friday, June 26

California Marine Mammal Center and San Francisco Bay Model

Tour the Marine Mammal Center, a rescue and rehabilitation location for wounded and stranded marine mammals with many orphaned pups in residence. In the afternoon visit the Army Corps of Engineers' San Francisco Bay model, a working-scale model used for tidal and environmental research.

Leave Moscone Convention Center by bus at 8:30 a.m., lunch in Sausalito, return at 3:30 p.m.

Registration deadline: May 22
Send your check for the cost of the tour ($18, lunch is not included) to Tae-Ock Kim, Michael Orradre Library, Santa Clara University, Santa Clara, CA 95053. Make the check payable to Tae-Ock Kim.

STS Annual Program
8:30 a.m. - 12:30 p.m. Tuesday, June 30

Issues in Sci-Tech Information:
Librarians' Right to Know

*Sci-Tech Information: Technology, Research, and Policy Trends*
Jane Bortnick, Library of Congress

*Culture and Gender Diversity Issues in Providing Access to Health Information*
Tracey Cosgrove, Planetree Health Resource Center

*The Publishing Industry in Emerging Democracies: What Western Librarians Need to Know*
Chuck Farrell, Faxon Company

*Natural Resource Damage Assessments: Litigation, Science, and the Public Right to Environmental Information*
D. Michael Fry, University of California, Davis

*Database Selection and Science/Technology*
Ron Rodrigues, Dialog Information Services, Inc.

STS Reception
6:00-8:00 p.m. Sunday, June 28

California Academy of Sciences

Eat, drink, and join in good conversations with other Sci-Tech librarians.
CALL FOR NOMINATIONS

OBERLY AWARD FOR BIBLIOGRAPHY IN THE AGRICULTURAL SCIENCES

The Eunice Rockwood Oberly Memorial Award was established in 1923 to give national recognition to bibliographic scholarship in the field of agricultural or related sciences. The Oberly Award is given in odd-numbered years to the authors of an outstanding English-language bibliography in the field of agriculture or one of the related sciences. The bibliographies are judged on accuracy, scope, format, arrangement, indexes, and text. To be eligible for the 1993 award, a bibliography must have been published in 1991 or 1992. The award will be presented at the 1993 ALA Annual Meeting in New Orleans.

Nomination letters are due by Dec. 30, 1992, to Oberly Chair, Amy Paster, E205 Pattee Library, Pennsylvania State University, University Park, PA 16802 (Phone: 814-865-3713). A copy of the bibliography should accompany the nomination.

Medical Anthropology: Choices & Challenges

Co-Sponsored STS and Anthropology and Sociology Program
Sunday, June 28, 9:30-12:30

Speakers
Traditions and Directions in Medical Anthropology
M. Margaret Clark

Collection Development Challenges for Medical Anthropology
Daniel T. Richards

The Anthropology of Biomedicine
Barbara A. Koenig

Experience of HIV Illness: An Overview of Substantive Themes
Stephen Eyre

Living with the Threat of Aids: Women, Drugs and Risk
Diane K. Lewis

STS Program, ALA Annual Conference 1991
Promoting Scientific Literacy and Education: Can Libraries Meet the Challenge?

STS conference program chair, Patricia Maughan, began by thanking ALA, CRC Press, Engineering Information, the American Mathematical Society, and Wiley for their support. The Oberly Award was presented to Useful Palms of the World: a Synoptic Bibliography, edited by Michael Balick and Hans T. Beck. Honorable mention went to Ethnoveterinary Medicine: an Annotated Bibliography by Evelyn Mathias-Mundy and Constance McCorkle.

Mr. Robert Watson (NSF) spoke on the National Science Foundation programs designed to strengthen the pipeline of future scientists and science teachers. The NSF is also involved in promoting better science education for all students. Mr. Watson emphasized that strong academic, public and school libraries are necessary for successful science education and research.

Dr. Alphonse Buccino (Univ. of Georgia) spoke on the goals for the AAAS’s report Project 2061. He sees two themes in scientific literacy. The first is the question of excellence vs. equity or the tensions involved in focusing on all students rather than a select few. The second theme is the role of science in developing social and moral values. One solution is to transform science education from mimetic to transformative. Project 2061 addresses this transformation process.

Dr. George Jones (Emory Univ.) presented a talk entitled "Science, the Universe and Everything." He focused on three areas of concern in higher education. Academic planning must include scientific literacy as a priority both on the institutional and departmental levels. There must also be a balance between teaching and research. However, Dr. Jones feels scholarship is an important complement to good teaching and student training. Student training is particularly important on the graduate level as ways must be found to increase the number of PhD's awarded in the sciences.

Dr. Joanne Euster (Rutgers Univ.) spoke on "A Leadership Role for Science Libraries: Challenge and Prospect." She believes librarians need to re-engineer themselves into "information change agents." Librarians should engage in self-examination and plan how they will institutionalize the changes that technology is bringing. Librarians are enablers who must realize that the future lies in themselves, not in technology.

Ms. Sara Penhaile’s (Earlham College) talk was entitled "Pipeline Partners: Librarians and Scientists in a Common Cause." The educational reforms emerging in the sciences require students to model scientific behavior. Therefore, students must develop skills in identifying, locating and evaluating information. Librarians can participate in these reforms through bibliographic instruction. The time is right for librarians and faculty to collaborate in this educational process.

Mary Markland
Science Journal Indexes in Print, CD-ROM, or Online?
Selecting the Best Format for Undergraduate Use
College Science Librarians Discussion Group
Saturday, June 27
9:30-11:30 AM

Calling all CARS: New Roles for Database Searchers
Science Databases Discussion Group
Saturday, June 27
2:00 - 4:00 PM

Sci/Tech Electronic Journals—Production and Access
General Discussion Group
Sunday, June 28
2:00 - 4:00 PM

Trends in Staffing & Training for Classified & Professional Staff
Training Staff to Keep up with Automation
Heads of Science Libraries Discussion Group
Sunday, June 28
8:00 - 10:00 PM

Mailing Experiment (Part 2)

Help! Help! Please send Martha (MLYLE@CLEMSON) or Kathy (CUAGREF@CLEMSON) an e-mail message with your name, city and date that the STS Signal reached you. ACRL is changing the mailing of the STS Signal from first class to non-profit bulk rate. We are comparing delivery times of the fall edition mailed using first class rates and the spring edition using bulk rate. If there is a significant delay, we hope to convince ACRL to return to mailing the STS Signal first class.

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Newsletter Committee Contributors: Eleanor Elder, Kathy Fescemyer, Lynn Kaczor, Harry Llull, Martha Lyle, Mary Markland, Becky Uhl, Julia Zimmerman.

The STS Signal is printed on recycled paper.

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