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Division newsletter

American Society for Engineering Education

DIVISION: ENGINEERING LIBRARIES

EDITOR: HUGH FRANKLIN
(503) 737-3260
FAX (503) 737-3453

DATE: DECEMBER 1989

Deadlines for news for the next two issues are February 12 and April 23.

Keep the news coming. What are you doing ? What are you publishing ?

What's on your mind that other ELD members would like to hear about ?

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ASEE PROGRAM PLANNING CONFERENCE - TORONTO OCTOBER 26 AND 27 1989

Toronto put their best foot forward for the Fall Planning Conference and increased our anticipation of a very successful Conference in June. Unfortunately, we spent most of this Conference in meetings indoors.

The members of the Organization Committee were introduced and made their presentations. Transportation and the meals were the main subject of inquiries. The Conference Headquarters will be in the Sheraton Centre with additional accommodations for dining and meetings in the Holiday Inn Downtown Toronto, about a five-minute walk from the Sheraton. Additional housing will be available on the University of Toronto campus, about a 20-minute walk (or two stops by subway and an additional 5-7-minute walk).

The cost of meals initially shocked us, but John Lechler is doing his best to bring the cost down. Toronto in this respect reminds me of New York City, but you can get less expensive meals if you shop around. There are several cafeterias, snack bars, etc. in the hotel's underground area. There are hundreds of restaurants, many ethnic ones. Toronto has a large "Chinatown". The restaurant I patronized was comparable in price to those here in the Phoenix area and the food was excellent.

Transportation may be handled somewhat differently than in most places. Again, downtown Toronto during rush hour reminds me of NYC. However, they provide wonderful modes of local transportation (subway, bus, streetcar) which run frequently and are not costly.

A Sunday picnic is planned on the island of the Toronto shore opposite downtown. We would be ferried there and, if the weather cooperates, this should be a very pleasurable experience.

There was a hotly contested race for the miniplenaries; 13 were proposed and only four will be held. The PIC members expressed their preferences, then the PIC chairs voted according to their members' recommendations.

There was a lot of wheeling and dealing when we were presenting our sessions and co-sponsoring or soliciting co-sponsorships. We have all our sessions in place; the tentative ELD schedule for the 1990 Conference is attached. There are a few time slots blocked when the members are expected to attend the society-wide activities e.g. Sunday: picnic, Monday: visit to the exhibits, Tuesday: society-wide breakfast and miniplenary, Wednesday: Main Plenary and the Break Out Session, and the Banquet.

A few reminders: (1) if you (or your speaker) are planning to take a computer with you, fill out papers with the U.S. Customs to allow you to take it into Canada - otherwise you may have a problem getting it back into the U.S.; (2) if you have a passport, take it with you, or you should have your birth certificate or voter's registration card; and (3) people who are not U.S. citizens will need to have a Canadian visa which takes several weeks to obtain.

All in all, Toronto should be a really interesting and beautiful place to be in June 1990. I have visited the Engineering Library at the University of Toronto and talked to Elaine Granatstein, the Head. We will have a tour of her branch library and perhaps a "wine and cheese" party. Hopefully we can schedule it without interfering with other activities.

There are many interesting things to see, if you bring your spouse or a dependent, plenty of activities for everyone.

The Toronto Conference, to be held June 24-28, 1990, promises to be an interesting meeting. The theme of the conference is "Advancement of Technology Through Canada-U.S. Global Interchange". On Wednesday, June 27, there will be a joint Main Plenary session with the Canadian Council on Engineering Education.

Please contact any of the moderators of me if you have any ideas or would like to participate in the scheduled events. Toronto will be a very exciting place to be, so plan to attend!

**THE OFFICIAL PRELIMINARY ADVANCE PROGRAM OF OUR DIVISION IN TORONTO
JUNE 24-28, 1990:**

- * Open Forum Library Update (Cecelia Mullen)
- * New Technology for Information Delivery (Steven Gass)
- * Journal Usage and Obsolescence in Engineering (Steven Gass)
- * Materials Properties Databases (Charlotte Erdmann)
- * ELD Annual Business Meeting (Dorothy Byers)
- * ELD Dinner (Speaker not yet determined) (Dorothy Byres)
- * ELD Executive Committee Breakfast (Vladimir Borovansky)
- * Technical Communication in Aeronautics (Steven Gass)
- * ELD Poster Session (Billie Joy Reinhart)

There will also be a joint PIC's meeting on Sunday at 7 p.m. followed by PIC IV meeting at 8 p.m. PIC IV awards luncheon will be held on Monday 12 noon to 1:30 p.m. All members are urged to attend these activities.

Vladimir Borovansky, 1989-90 Program Chair

POSTER SESSION IN TORONTO:

You are invited to present a poster session on Wednesday afternoon at the Toronto meeting. The great advantage of poster sessions is the variety of topics that may be covered. Since the theme is international a session on special programs for international students would be welcomed. However, we are interested in a variety of subjects: information literacy, desktop publishing, outreach programs, the status of engineering librarians, etc. It is a great opportunity to get feedback on a one-to-one basis on any new or creative program and serves as a testing board for future formal presentations. We need to hear from you as soon as possible so you may be listed in the program.

If you are interested in participating please contact:

Billie Joy Reinhart
University Libraries RT110C
Cleveland State University
Cleveland, Ohio 44118
FAX (213) 687-2383

HOMER BERNHARDT DISTINGUISHED SERVICE AWARD:

You are invited to nominate a candidate for the **ELD** Distinguished Service Award which will be conferred for the first time at the annual conference in 1990 in Toronto, Canada.

The award, which consists of a plaque, will recognize work which contributes to the advancement and development of excellence in engineering libraries.

Any ASEE member may nominate a candidate. The candidate need not be a member of ASEE or the Division but must agree to be present at the PIC awards luncheon at the Annual Conference (except for emergency conditions).

Nominations should be sent no later than February 1, 1990 to:

ASEE/ELD Awards Committee
Ann Montgomery Smith, Chair
Alumni Library
Wentworth Institute of Technology
550 Huntington Avenue
Boston, MA 02115

The information and procedure required for nomination is given on the following page. **BOTH A STATEMENT OF NOMINATION AND A CITATION ARE REQUIRED FOR CONSIDERATION.**

ASEE/ELD

HOMER BERNHARDT DISTINGUISHED SERVICE AWARD
--NOMINATION--

DEADLINE: February 1, 1990

Candidate's Name: _____

Present Position: _____

Institution: _____

Address: _____

Telephone Number: _____

- (1) **RATIONALE FOR NOMINATION:** a statement, not to exceed 250 words, on why the candidate is being nominated for the award.
- (2) **CITATION:** a brief statement, not to exceed 100 words, giving the major accomplishments for which the award is being made. (This will be used if the nominee is selected as the awardee.)

Nominator's Name: _____

Inst. & Dept.: _____

Address: _____

Telephone Number: _____

ASEE membership #: _____

FROM THE STANDARDS COMMITTEE:

We are making progress on getting the 2nd edition of Annual Statistics of Engineering Libraries ready for final publication. The data will cover 1985-1986 and will again have two major sections: Engineering and Science Libraries, and Main Libraries. This edition will not include a salary survey, however, since the response was too low to that portion of the survey to make it significant. Christy Hightower of UCSD has kindly volunteered to do the final proof reading and page formatting. I will write the preface. We anticipate being able to turn the camera ready copy over to the publications Committee in early spring of 1990.

At last year's conference in Lincoln members of the Standards Committee and the Executive Committee discussed the future of this publication. I voiced the opinion that although it provided useful data, the data was often not comparable and that the scope of the work demanded an enormous effort to produce on a regular benefit. Rather than devote our efforts to continuing this publication, I would like to see the Standards Committee begin to develop minimal standards for libraries in support of academic engineering programs. Members who have participated in the ABET accreditation process have indicated that part of the problem with improving ABET's process regarding libraries is that there are no acknowledged standards for engineering libraries or collections. Background on these issues is provided in two papers which were presented at the 1988 ASEE Annual Conference in Portland: Russ Powell's "Accreditation of Engineering Libraries", pp 2065-2068, and Karen Andrews' and Jay Waddell's "The Role of the Engineering Librarian in the Accreditation Process", pp. 2069-2072.

I am proposing that the Standards Committee work on developing criteria for minimum standards for engineering collections/libraries and at least for the moment allow the Annual Statistics of Academic Engineering Libraries to lie dormant (once the 2nd edition is done). This will be no easy task (nothing like stating the obvious). In discussions the Committee had in Lincoln we are thinking of developing a baseline of program data that could then be plugged into some type of formula to determine the minimum numbers for certain categories for that particular school. let me try to be more specific. The baseline data would consist in some fashion of:

- * the number and level of subject degrees offered - the list of degrees presented by Camille Clark of UNLV in her research proposal "A Study to Identify and Evaluate Accreditation Status and Engineering Journal Selection in Academic Libraries" represents a good starting point.
- * the total population of the community served, broken down by categories (e.g. faculty, graduate students, under-graduates) if possible.

Then, based on the above data, minimal standards would be developed in the following categories:

COLLECTIONS:

- * collection budget, broken down by serials and monographs.
- * collection size, broken down into number of monographic volumes and number of active serial subscriptions.
- * % of serial titles indexed in Engineering Index and Applied Science and Technology Index.

FACILITY

- * sq. ft. per reading/work station.
- * reading/work stations per community.
- * sq. ft. per staff person.
- * sq. ft. available for shelving.
- * handicapped access.

SERVICES:

- * library instruction.
- * reference service.
- * number of hours reference service provided.
- * hours library is open.
- * interlibrary loan.
- * average turnaround for interlibrary loan.

STAFF:

- * number of professional staff.
- * number of non-professional staff.

My own view is that if we can agree on a "core" list of things to measure, we could then ask our own membership to survey themselves accordingly. Then, based on that data we could develop reasonable minimal standards. I realize that this may seem a bit simplistic and that much work will need to be done to deal with issues like "how do we deal with engineering collections housed and serviced within larger libraries?", etc. But I believe if we can keep the number of things we have to measure at a minimum, it can be done.

I and the rest of the Committee would appreciate hearing your comments, input, and anything else you might want to add. I am presenting my own views here to start what I hope will prove to be an important discussion and project for ELD. My address is:

Steve Gass, Engineering Library, Terman Engineering Center, Stanford University, Stanford, CA 94305-4029. Or send me e-mail at CN.SXG@FORSYTHE.STANFORD.EDU. I look forward to hearing from you.

MEMBERSHIP UPDATE: NOVEMBER 1989

- ✓ **Karen Andrews** may be reached at home at 213-559-1848. She works at the Engineering and Math Science Library at UCLA. The street address is 8270 Boelter Hall.
- ✓ **Ray Bohling's** telephone number has been changed to 612-624-7899.
The Fax# for **Vladimir Borovansky** at the Noble Science & Engineering Library at Arizona State is 602-965-7690.
- ✓ **Camille Clark** may be reached at the Dickinson Library at UNLV.
- ✓ **Hugh Franklin's** Fax# is 503-737-3453. His telephone number is 503-737-3260, ext. 27.
- ✓ **Steven Gass** is the Associate Head of the Engineering Library and Engineering Bibliographer at Stanford University.
- ✓ **Julia Gelfand**, Applied Sciences Librarian at UC-Irvine, has an e-mail address of JGELFAND@UCI.CF.EDU.
- ✓ **Paul Gray** has left Le Tourneau University.
- ✓ **Marie Harper** is a Reference Librarian at Los Alamos National Laboratory, P-362, Los Alamos, NM 87545. Her telephone number is 505-667-5809. Fax#: 505-665-2948.
- ✓ **Christy Hightower**, Engineering Librarian at UC-San Diego, is a member of the Standards Committee. Her address at UCSD is Science & Engineering Library, C-075E, La Jolla, CA 92093-0175. Her telephone number is 619-534-1216. Her e-mail address is CHIGHTOW@UCSD.BITNET.
- ✓ **Maurita Holland's** e-mail address is Maurita_Holland@UM.CC.UMICH.EDU.
- ✓ **Martha Lyle's** zip code at the R.M. Cooper Library is 29634-3301.
- ✓ **Jean Poland** has moved and can now be reached at the Purdue University Engineering Library, Potter Center, West Lafayette, IN 47907. Her new e-mail address is NPOLAND@PC.ECN.PURDUE.EDU.
- ✓ **Russell Powell's** telephone number is now 606-257-2965.
- ✓ **Robert Schwarzwalders** telephone number is 313-764-7494.
- ✓ **Sara Thamas'** telephone number should be changed to 602-776-3182.
- ✓ **Jay Waddell's** telephone number is 805-756-2649.
- ✓ **Glee Willis'** e-mail address is now WILLIS@UNSVAX.BITNET. Her zip code is 89557-0030.

Linda Musser
Penn State University
Telephone: 814-865-3451

NEW ADDITIONS AT ARIZONA STATE:

Map Index - in-house index to the ASU Map Collection

Solar Energy Index - in-house index to about 25,000 bibliographic citations for the materials housed in the ASU Solar Energy Collection includes current articles from selected journals on alternate energy resources.

Uncover - database providing access to title-level information on approximately 10,000 journals (similar to ISI's **Current Contents**).

Further, my BITNET number has been changed to ASUACAD@IACVTB.BITNET.

Both of the above articles were submitted by:

Vladimir T. Borovansky, Head
Noble Science & Engineering Library
Telephone: (602)-965-7210

HOW DO YOU ARRANGE A REFERENCE AREA ?

We are trying to rearrange our centralized reference area for improved service. Do any of you have logical written materials describing how and why various decisions are made ? Do you know of anyone else who has ? I am thinking of things like logical arrangement and easy access for patron and librarian, appropriate work space for patron and librarian, how to keep reference materials from wandering away from the area, and appropriate integration of bibliographic instruction and CD-ROM service into the area.

Hugh Franklin

Kerr Library, Oregon State University, Corvallis, OR 97330
(503) 737-3260 or FAX (503) 737-3453

JOB ANNOUNCEMENT:

THE UNIVERSITY OF IOWA LIBRARIES
IOWA CITY, IOWA

MATHEMATICS LIBRARIAN/ASSISTANT ENGINEERING LIBRARIAN:

Under the direction of the Engineering Librarian, the incumbent is responsible for the management of the Mathematics Library, and for assisting in the provision of users services in the Engineering Library. Principal duties in the Mathematics Library are the supervision of one full-time library assistant and several student assistants, the provision of reference services and bibliographic instruction, and collection management in the areas of mathematics, computer science, statistics, and actuarial science. Principal duties in the Engineering Library are assisting in the provision of reference services and bibliographic instruction, and special projects as assigned by the Engineering Librarian.

The Mathematics Library contains 44,000 volumes and serves 104 faculty and 324 graduate students, and the Engineering Library, holding 86,000 volumes, serves 72 faculty and 1700 students.

REQUIREMENTS: An ALA accredited graduate library degree; a strong service orientation; excellent interpersonal and communication skills; a strong professional commitment. Desired characteristics include professional experience in science reference and/or science collection management and experience in management and supervision; educational background in the mathematical sciences, engineering or the physical sciences; experience in electronic bibliographic searching, a working knowledge of one European language other than English.

SALARY: Appointment will be made at the Librarian I (\$21,555 minimum) or Librarian II (\$27,310 minimum) rank, salary and rank determination based on a combination of educational background and experience. The University offers an attractive package of additional benefits, including 25 days paid vacation per year, TIAA/CREF retirement, Social Security disability and medical/dental insurance.

APPLICATION PROCEDURE: Applications received by 1 January 1990 will receive first consideration. Minorities and women are particularly encouraged to apply. Qualified individuals should submit a letter of application, vital information, and the names, addresses, and telephone numbers of three references to:

Barbara I. Dewey, Assistant to the University Librarian
The University of Iowa Libraries
Iowa City, IA 52242
(310) 335-5867

THE UNIVERSITY OF IOWA IS AN EQUAL OPPORTUNITY/AFFIRMATIVE
ACTION EMPLOYER

John Forys, Chair of Search Committee
University of Iowa
(319) 335-6047

JOB ANNOUNCEMENT:

LIBRARIAN, HEAD, ENGINEERING & MATHEMATICAL SCIENCES LIBRARY:
Demonstrated potential to manage and develop the collections and services of a large and complex academic science/engineering library. Responsible for public services, technical services (including online acquisitions and serial control systems), space planning, library operations, prepare budget requests, monitor expenditures, write reports and serve scheduled hours at reference desk. Excellent written and oral communication skills. Qualifications normally include a degree from a library school.

SALARY RANGE: \$31,944-54,060.

UCLA is an equal opportunity/affirmative action employer actively seeking minority applicants. Librarians at UCLA are represented by an exclusive bargaining agent, the American Federation of Teachers (AFT).

Send resume and list of references to:

Dr. R. Scherrei, Assoc. University Librarian, Personnel and Administrative Services, University Research Library, UCLA, Los Angeles, CA 90024-1575

OREGON STATE UNIVERSITY
LIBRARY
CORVALLIS, OREGON 97331