

Engineering Libraries

Division Newsletter



American Society for Engineering Education

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From Czechoslovakia: Message From The Chair

Although I am now several thousand miles away, I keep informed about the events back home. Unfortunately, most of the news now has to do with the war in the Gulf. Occasionally I can even see CNN, but not at my dorm. The U.S. Embassy is like a fortress, guarded by an APC [armored personnel carrier] and soldiers.

I arrived at **Charles University**, in Prague, during the fall semester finals (they actually call it the the winter semester, since it ends in winter). The spring semester starts February 25th and so do my lectures. Every day some of the faculty in the department and some people from the libraries want to discuss the U.S. library scene with me. On February 6th I gave my first special lecture for the **Czech Technical University** faculty, students and librarians about the organization and services of engineering libraries in American Technical Universities. The lecture went very well; it was attended by about 70 people including some librarians and information specialists from industry. During the question and answer period I received about 15 questions about all aspects of American academic libraries.

Thanks to the Regional Computing Center at the Czech Technical University, and thanks in particular to its kind employees, I am allowed to use the e-mail facility here. Their system is called EARN which is connected with BITNET. This center is in another part of Prague and I can't get here more than twice a week. This is the main reason I'm trying to restrict my messages to those from Arizona State University and my family. The problem is that I actually block one of their PC's for two hours at a time. If anyone needs to communicate with me, you can, of course, send me a message but I will not be able to respond very fast. It may be better to send a message to my U.S. BITNET address and my secretary will convey the message to me.

I have just received the bad news from Arizona State University about the 3% budget cut there. However, when I see the situation here, I realize how fortunate we still are. The 42 years of communism left their mark on the whole country and the libraries are no exception. Actually, they suffered more, especially in the social sciences and humanities. It'll take a while to catch up with the west. And since January 1st they have experienced about a 30% increase in the price of food and other items with no increase in salaries. So, just think of this when we complain...

I trust that all the plans and preparations for the New Orleans Annual Conference are on schedule and I will be looking forward to the information concerning early registration.

Warm regards to all from icy Prague.

-- Vladimir Borovansky

Inside . . .

Visitor's Guide to New Orleans.....	2
New Orleans Conf. News.....	3
Committee Reports.....	3
Engineering Libraries Listserv?.....	5
New SAE CD-ROM.....	5
People & Places.....	6
Japanese Libraries.....	6
ELD Job Descriptions.....	8

A Visitor's Guide To New Orleans

PART 2: Food, Drink & Music

New Orleans is one of the nation's premiere cities for entertainment. It is impossible to list everything, so I'll include some out-of-the-way places and some that are considered standards.

FOOD

Dishes to try:

Etouffee /ay-too-fay/ - crayfish stew.

Gumbo - okra-based stew, usually with seafood

Jambalaya /jam-bu-lie-uh/ - spiced dish of rice, sausage, celery, green peppers, etc.

Crayfish Bisque - sort of a crawfish bouillabaisse, ask if the heads are included and make your own decision!

Po-boy - corruption of "poor boy", learn how a submarine sandwich tastes when it's made right.

Cajun food is from south-west Louisiana and **Creole** is from the city of New Orleans. Don't mix them up, New Orleanians take food very seriously!

Mandina's - A neighborhood seafood restaurant (po-boys, gumbo, etc) that ain't been spoilt by da tourists YET. Inexpensive, casual dress, no credit cards or reservations (15-30 minute wait) 3800 Canal Street.

LaMadeleine - A charming lunch or breakfast spot in the Quarter. 547 St. Ann Street

Camellia Grill - A New Orleans classic grill in the Uptown area; usually crowded, but worth the wait. Good for breakfast or lunch, light dinners. 626 S. Carrollton Ave. Fairly inexpensive, no reservations, no credit cards.

Mother's - The archetypal po-boy joint, Mother's is famed for its ham po-boys and serves a variety of dishes that reflect the daily fare of the city (po-boys, gumbo, jambalaya). Not especially clean or fancy, Mother's is where the locals go. 401 Poydras St. in the Central Business District. Be forewarned, Mother's gets very busy at peak hours. No credit cards, inexpensive.

Emeril's - One of New Orleans' hottest new restaurants, Emeril's was rated as the best new restaurant in the U.S. by Esquire. Chef Emeril has come up through the ranks in New Orleans and offers haute Creole and American dishes at moderate prices. MC, V, DC, AE. Reservations are a must for weekends (3 weeks in advance), call 504/528-9393. 800 Tchoupitoulas /Chop-a-too-las/, a quick cab ride from Canal Street or the Quarter.

K-Paul's Louisiana Kitchen - If you MUST eat blackened redfish, eat it at the place that started the Cajun

craze. To avoid the high prices and long lines, you may want to visit K-Paul's for lunch rather than dinner. No reservations, expensive, AE, 416 Chartres St. in the Quarter (Chef: Paul Prudhomme)

Brennan's - One of the city's most famous restaurants, Brennan's is also one of the most expensive. Brennan's offers an elegant, multi-course breakfast (\$34.25) that is a unique experience. Call a month in advance to insure a reservation. 417 Royal St. (French Quarter), no jeans, MC, V, DC, AE, (504) 525-9711.

Mosca's - One of the most out-of-the-way, dingy restaurants in the city with service that borders on neglect, all Mosca's has going for it is some of the best food around. Considered New Orleans' best restaurant by many, the cuisine is a brilliant combination of Italian and Creole cooking. My personal favorite. Dinner runs on the expensive side, reservations a must, casual, no credit cards, (504) 436-9942. 4137 U.S. 90 (Call for directions and find someone with a car and a sense of adventure.)

MUSIC & DRINK

(the two usually go together)

Maple Leaf - One of the "undiscovered" spots in N.O., the Maple Leaf is not the sort of place you would walk into if you didn't know about it (i.e., it looks sleazy); however, it hosts some of the hottest cajun groups around. 8316 Oak Street (Uptown near Carrollton and Oak). Cover is usually small. Although the neighborhood is ok, you may want to travel in a group.

Tyler's - A good spot for jazz. I never went there much, but friends love it. 5234 Magazine St. (Uptown) (Take a cab child, this ain't a neighborhood you wanna be walk'in in.)

Pat O'Brien's - This place is tourist city, but if you want to take home a "hurricane glass" you'll want to visit. Actually, although the music is not great, the bar and courtyard are interesting. 718 St. Peter St. (Quarter)

Preservation Hall - A living museum for dixieland jazz, Preservation Hall has some of the greats of dixieland. Sadly, they mostly get requests for "When the Saints Come Marching In", but for \$2 cover, it's well worth the visit. No drinks served.

Absinthe Bar - The Blues aren't as popular in New Orleans as one might think, but this is place that is known for the Blues. So if life's got ya down, stop by 400 Bourbon St (Quarter).

Mint - New Orleans' gay bars often offer some of the more creative and entertaining shows in the Quarter. The Mint's weekend shows usually feature comedy, vocals and/or drag. The Divas, a popular local group, perform

most weekends. 504 Esplanade at the edge of the Quarter.

Chris Owens Club - Most visitors to New Orleans have a certain level of curiosity about the striptease clubs. One of the more mainstream establishments on Bourbon Street, the Chris Owens Club, offers a more varied show than many of its competitors. 502 Bourbon Street, in the Quarter.

The next, and last, installment of *A Visitors Guide to New Orleans* is entitled "Helpful Hints" and will include climate, where NOT to go, getting around, shopping, etc.

-- Robert Schwarzwald, New Orleans native

New Orleans Conference News

If you have received the January, 1991 issue of ASEE's tabloid; *Engineering Education News*, you now have an idea of the 1991 Annual Conference program and where the Engineering Libraries Division sessions fit into the picture in New Orleans this June. If you haven't received your copy in the mail, check on your membership status at ASEE headquarters in Washington, D. C., (202) 293-7080. You can find ELD's sessions in the program by looking for session numbers that end with 41. For example, our Monday morning Open Forum is listed as Session 1241; the Monday afternoon session is 1641, etc. Be sure to notice a new session, number 1841, on Monday evening moderated by Cecilia Mullen. It's called Engineering Libraries Discussion Session and is intended especially to bring members together, particularly new ELD conference attendees with experienced members. We look forward to this opportunity to establish new professional and social contacts during the conference.

Also, be sure to make note of the Engineering Libraries Division Dinner, session 2741, at 7:00 P. M. Tuesday. It will be held at the fine creol restaurant **La Louisiane**, which was established in 1881, and which occupies an old French Quarter town house on Iberville Street. La Louisiane is within easy walking distance or an extremely short taxi ride from the Continental Hotel on St. Charles Street which is the site of our annual business meeting just before the dinner. The cost of the ELD dinner is \$32.00 per person which includes the gratuity. This price might seem high, but is only \$5.00 more than the banquet dinner cost at the convention hotels. I decided to go ahead with the restaurant because, after all, this is New Orleans, home of a great cuisine tradition, and we want to avoid the possibility of yet another unmemorable banquet dinner in another interchangeable convention hotel. We're in good company. At the restaurant in the French Bibliotheque Nationale, people can pay 160 Francs or approximately

\$32.00 for meals that are taken from French literature. We can expect the **La Louisiane** tradition to be equally as interesting.

Our moderators are working productively, developing informative and useful sessions. Our next *ELD Newsletter* will publish a list of all our session descriptions, speakers, times, and locations plus our co-sponsored and jointly sponsored sessions.

In case you want to get into a New Orleans mood, here are some books I've read in recent years that capture either the historical or the contemporary flavor of New Orleans quite well: **Kate Chopin's *The Awakening*** is a wonderfully colorful short novel that reflects aspects of her own life in New Orleans and nearby Grand Isle at the end of the eighteen hundreds. It vividly evokes sights and sounds, is intellectually interesting, and bears considerable emotional impact. It's quite a satisfying read. Also, **John Kennedy Toole's novel; *Confederacy of Dunces***, immerses you deep in the cadence and geography of street and neighborhood life of modern New Orleans. The characters, their accents, and their amazing foibles and follies make a highly amusing story that will keep you laughing and shaking your head for days. Finally, **Eimore Leonard's *Bandits***, a good spy mystery, pulls you along through a wild funhouse of hotel cat burglar/international intrigue/off beat romance/hard times, down 'n out/beaded brow last chance/good guy-bad guy/whiplash ending sort of tale that keeps you reading and sometimes guffawing until the wee hours of whatever evening you choose. It propels you by foot, taxi, limousine, and hearse throughout New Orleans, the French Quarter, and the Gulf Coast region. If you know of other good New Orleans stories, tell us about them in the next ELD Newsletter. By the way, the famous streetcar is now the Desire bus.

-- Jay Waddell, 1991 ELD Program Chair.

Literature Guides Subcommittee Update

Volunteers are still needed to compile Literature Guides for the following unassigned topics:

**Automotive Engineering
Safety Engineering
Polymer Materials Engineering
Quality Control and/or Materials Testing
Statistics and Applied Mechanics**

If you would like to volunteer please call or write me at E205 Pattee Library, Penn State University, University Park, PA 16802, telephone (814) 865-3708, e-mail kec@psulias.bitnet.

-- Katie Clark, Literature Guides Subcommittee Chair

Accreditation Committee Progress Report

The goal of establishing "information literacy" as a skill needed by all engineering students still eludes us. The Subcommittee of the Engineering Accreditation Commission (EAC) which reviews all proposed changes to the Accreditation Board for Engineering and Technology (ABET) Criteria rejected the ASEE-sponsored recommendation formulated by our group. This recommendation would have put words into the Criteria indicating that students need to demonstrate basic information literacy skills.

The current climate for adding anything to the ABET Criteria is very poor. Although the EAC Subcommittee indicated that they had no objections to the intent of the Proposal, they did reject it with the request that we explore alternative ways to achieve its aims. One suggestion was to help ABET put together a questionnaire for the Library.

In light of this response, the Accreditation Committee members are evaluating what actions to take next, particularly in view of the ongoing ELD effort to develop standards for engineering libraries.

-- Karen Andrews, Accreditation Committee Chair

Membership News

As of 10/25/90, ELD has 179 members, a 42% increase (+53) over the number reported for FY 89/90, and 28% (+39) more than for FY 88/89. Yowwee!! Does this mean that the ASEE membership office really is getting its act together (perhaps finding a few more of our division's members in its newly revamped database?), or are all our recruitment efforts finally paying off?? Hard to tell yet. I think we'll know more when we count (hopefully lots of "new faces" in New Orleans. Since the membership committee gladly accepts "leads" on potential new members from you all, keep those US Mail cards and letters coming folks (better yet e-mail!!), since I send out at least 3 "invitation to join ELD/ASEE" packets per week, and would love to send out even more!!

Other "good news" to report is that Edward Wladas (membership directory editor) and I are working hard to better coordinate the gathering and publicizing of new member information. And Edward, Christy (newsletter editor) and I are working hard to keep each other apprised of new members so that we can start sending them copies of the newsletter, the membership directory, and a "welcome to ELD" packet sooner than has been the case in the past. Since I can now receive new member rosters from ASEE headquarters as frequently as I wish, we can

more quickly "activate" our new members than ever before!! (I am happy to report that I anticipate much better cooperation from the ASEE membership office from here on out!!). But we know that there is probably still plenty of room for improvement on our end, so if you know of newly-recruited ELD members who aren't receiving the newsletter or haven't received a copy of the membership directory, please contact me or any member of the membership committee, and we'll do what we can to resolve such snafus. The members of the 1990 - 1991 ELD Membership Committee are: Cecilia Mullen (TFCAA2@CALSTATE.BITNET), Orion Pozo (ORION@UNCECS.EDU), and Glee Willis (WILLIS@UNSVAX.NEVADA.EDU).

-- Glee Willis, Membership Committee Chair

Ei User Group Liaison Report

In December, Steve Gass and I sent a letter to Sara Shatford Layne, chair of ACRL's STS Committee on Subject and Bibliographic Access to Science Materials, appealing for better coordination between us and her committee when making requests of Ei, Inc., for improvements in any of its products. She promptly responded in January, saying that she would bring our suggestion up for discussion at her committee's meeting at ALA in Chicago later that month, and would let us know the results of the discussion. We have not received a follow-up letter from her to date, but her original response included a summary of Ei's response to her committees complaints about the problems sci/tech librarians encounter when using SHE and Ei (especially with regard to inconsistencies in SHE). She also promised to send a copy of the minutes of her committee's June 25, 1990 meeting at ALA with Mary Berger of Ei. Sara said that she has been very impressed with the Ei's responsiveness to her committee's concerns, stating, "... indeed, I do not see how they could have been more responsive!". Steve and I hope to soon have more to report on our efforts in the area of collaboration with Sara's committee on Ei matters.

-- Glee Willis

Money Matters

There has been very little activity in the fiscal affairs for the division. One source of potential income is the sale of bibliographic guides prepared by the members of this division for the society. ASEE headquarters takes care of the sales and credits our account when purchases are made. Perhaps there are company libraries in your vicinity that might find some of the titles useful?

-- Paige Gibbs, ELD Secretary/Treasurer

ELD By-Laws

At the Annual Conference in Toronto, **Don Richardson** and **Jim Fries** agreed to review the ELD by-laws. This work is continuing and they plan to have more information for the membership in the near future.

Interested in Setting Up An Engineering Libraries LISTSERV?

As a subscriber to several e-mail LISTSERV groups I have frequently wanted to interact in a similar fashion with Engineering Librarians. As such, I'd like to encourage someone to volunteer to sponsor an Engineering Library LISTSERV (any name suggestions?) at their institution. I have tried to get our IT people here to support such a service, but the campus policy prohibits it. I would be willing to moderate the LISTSERV if someone else could sponsor it at their institution. Any one interested? Contact **John Saylor** at John_Saylor@qmrelay.mail.cornell.edu or b7sj@cornellc.bitnet.

Editor's Note: According to my systems consultant, the cost of setting up and maintaining a list server may depend on the network chosen (Internet or Bitnet), the type of system chosen (a moderated listserv or a non-moderated simple mail forwarding program) and on the degree of archival service provided. Archiving uses disc space and requires that backups be done. These are just a few of the factors to consider. -- CH

Do You Archive Apple Computer Magazines ?

Has anyone out there made the commitment to archive permanently Apple Computer magazines and journals such as *Macweek*, *Macuser*, *Macworld*, etc? Does your archive include ceased journals such as *Macintosh Today*?

I asked **Steve Cisler** at Apple who is their "Library Evangelist" (and a very nice person to boot). His reply was that Apple does try to archive these materials but "is not heavily into ILL."

-- **John Saylor**, Engineering Librarian, Cornell University
John-Saylor@qmrelay.mail.cornell.edu

New SAE CD-ROM

SAE is nearing completion of a new CD-ROM product which contains citations and abstracts for over 36,000 SAE papers and 700 monographs. MOVE, SAE Mobility Engineering Technology on CD-ROM, is expected to be unveiled at the annual SAE meeting in Detroit later this winter. MOVE allows for keyword, author, organization or document number searching and provides for limited boolean searching. While a full assessment of the product must wait for further development, it looks very promising. Contact SAE (412-776-4841) for sales information.

-- **Robert Schwarzwald**, University of Michigan

Compendium Available

The Engineering Technology Division of ASEE has subscribed to a ten-volume series titled *Evolution of Engineering Technology in the Field of Engineering Education*. The editors compiled documents, papers, and reports which track the development of engineering technology education over the last fifteen years. Each volume focuses on a specific facet:

- I. History
- II. Philosophy and Trends
- III. Pre-Engineering Programs
- IV. Curriculum Development
- V. Community and Technical College Concepts
- VI. Innovative Program Ideas
- VII. Engineering Technology Programs
- VIII. Students of ET Programs
- IX. Faculty and Professional Development
- X. Facilities and Equipment Requirements

Single volumes are \$35 each. The set of ten volumes is \$300. Make checks payable to ASEE/ET Division. Orders may be sent to:

Anthony Tillmans, President
Kansas College of Technology
2409 Scanlan
Salina, Kansas 67401

Correction

My (jazz) pun on **Steve Gass'** name in the last ELD Newsletter was misleading. **Steve** is a major contributor to the session "Minimum Standards for Academic Engineering Libraries: A Draft Proposal," but **Dorothy Byers** is the moderator. I was too vague. The result was the editor's note that he is the moderator. My mistake.

-- **Jay Waddell**, 1991 ELD Program Chair

People & Places

Congratulations to **Steve Gass**, who was promoted to Head of the Engineering Library at Stanford University, and to **Robert Schwarzwald**, who was promoted to Coordinator for Information Services, Basic Science and Engineering Libraries, at the University of Michigan.

Audrey Jackson joined the UCLA library system as the Head of the Engineering and Mathematical Sciences Library in January 1991. **Audrey** came from the AT&T Library Network where she principally worked in Bell Laboratories libraries as an information professional and manager. **Audrey's** career has spanned both the special and academic areas of librarianship e.g. Battelle-Columbus Laboratories, Florida Atlantic University, etc. and she is looking forward to new challenges at UCLA.

News from the University of Buffalo (UB): UB just went public with the NOTIS MDAS package at the start of the spring semester. We've loaded 2+ years of some of the Wilson indexes: *Humanities, Social Sciences, General Sciences, and Applied Science and Technology Index*. We've also loaded 3+ years of *Reader's Guide* with abstracts. At the same time, we began to offer remote, dial-in access to on-campus, off-campus, and network users. Our Internet access is not yet operational (will let you know as soon as we've got it functioning). Remote users do not have access to the MDAS databases or to keyword searching of our OPAC.

The University of Buffalo Libraries had to return \$105,000 in collections funds to Albany in FY 90/91. That means the Science & Engineering Library's collections budget is already over \$11,000 in the red (with more than 2 months left to go). **Kate Herzog** is very interested in sharing approaches, methodologies, and commiserating with others who are in similar (hopefully not quite such dire) straits. You can reach **Kate** at the Science & Engineering Library, Capen Hall, SUNY Buffalo, Buffalo, NY 14260. Email address: UNLKH@UBVMS.BITNET.

ELD Members in Print: "Research Forum: Impacts of NTIS CD-ROM" by **Linda R. Musser** and **Thomas W. Conkling**. *College & Research Libraries News*, v. 52, no. 2 (February 1991) p. 110-111.

Other publications of interest:

"The Impact of New Information Technology on Users - An Engineers View" by **LB Tseng** in *Electronic Library*, 1989 August, v. 7 no. 4:228-230.

"Improving the Quality of Fourth-Year Civil Engineering Research Projects through Bibliographic Instruction" by **Christine S. Bruce** & **Gerald H. Brameld** in *Research Strategies* 8 (Summer, 1990): 129-136.

"Serials Management at the Science and Engineering Library of Leeds University" by **PR Green** in *Serials Librarian*, 1990, v. 19 no. 1-2:161-166.

Japanese Libraries ELD Member Visits Japan

Dorothy Byers and her two boys were in Japan from October 25 to November 12, 1990 on a tour with the Cincinnati Symphony Orchestra, of which her husband Harold is a member. She has written a series of accounts for the staff newsletter at the University of Cincinnati. Those about Japanese libraries are recounted here.

Halloween 1990 was a "professional" day. **Professor Okubo** of Chuo University and **Yoshi Hashimoto** of Takenaka Corporation planned a day I shall not forget. Both engineers have in common a technique called modal analysis, a specialization of the Mechanical Engineering Department here at UC. They were perfect guides to the sci/tech library world. For starters they whisked me by cab to Chuo University, a private university with about 30,000 students.

The Chuo library collection is comparable to ours, slightly over a million volumes. The Central Library features a Telelift, an automatic book conveyor connecting the stacks and the circ desk. Micro-forms are also stored in automated retrieval bins. There is an open stack Reference area and a video telephone with intercom connecting the Central Library with the Graduate Library! While they have a card catalog, they also have an online catalog called CHOIS. However they are not converted as far back as we are. Retrospective conversion is a big topic for all the libraries I visited. The Dewey Decimal Classification is used to organize the books.

At Chuo there is a separate Science and Engineering Library serving 6000 students. It has 150,000 volumes and 1,335 FOREIGN journals as well as online services. The number of foreign journals seems to be an important figure for the Japanese. It was not until after the Meiji Restoration that Japanese students were sent overseas and foreign technologists were invited in to train the Japanese. Western science and technology was very important, to the extent that early Japanese students studied in English.

While meeting with the head of the Science and Engineering Library, at a desk in an open staff area, one staff person inconspicuously served tea. According to our host, his library is plagued with similar problems to ours, especially lack of space and lack of yen to keep pace with journal subscriptions. Each year a faculty committee reviews the journals, dropping less important titles and adding needed new ones. They are up-to-date in having an automated acquisitions system complete with journal check-in. While I could have spent a day at Chuo University, my busy itinerary forced me to take leave with Yoshi. Our next stop: the University of Tokyo.

At the University of Tokyo (UT) I was ushered into a formal conference room with a LONG table covered with a

LACE table runner and surrounded with stuffed high-backed chairs, also protected with lace over the back. In stepped four distinguished-looking men in suits. Yoshi, by now my only escort, tackled the difficult job of interpreting for me. After the ice-breaker in English congratulating me on the victory of the Cincinnati Reds (they had done THEIR home-work), and after passing out business cards and literature, the question passed through Yoshi was: what do you want to know?! Think fast, I kept saying to myself. Fortunately a staff person quietly entered and served coffee with cream and sugar. Though I don't drink coffee I used the opportunity to gather my thoughts.

First I learned that these gentlemen were the associate university librarians. The head librarian was tied up. They explained that UT has a General Library and 60 branch libraries serving a total of about 22,000 students in virtually all academic disciplines. I couldn't figure out the relationship of the branch libraries to the main library administration, except that there seemed to be a great deal of autonomy. Nor could I learn how the administration makes decisions such as collection allocation decisions, or staffing decisions. I learned later by reading the literature they gave me that the departmental libraries are independently administered, staffed and financed by the individual faculties and institutes or research facilities they serve. Thus the University Librarian, whom I did not meet, is director of the General Library. The General Library serves as the coordinating center for the University Library System. There is a University Library Council with members elected from each of the faculties and institutes. The System as a whole has about 380 staff members and holdings of over 6 million volumes. The System receives 38,000 periodicals!

In examining the literature I discovered a Japanese custom: organization charts are not top down. They run left to right! For example the University President is shown at the far left, along with the Faculty Senate. Together they run the affairs of the University. Next comes a long vertical line with many areas along it: Administrative Offices, Student Affairs, Health Center, University Library, the various faculties, the Graduate School, the Institutes, and the Shared Facilities. Subsets of these groups are pictured still further to the right. Does this reflect how they view organizations?

Most of the detailed information would come by touring the facilities and speaking with individual librarians. A quick trip through the old General Library at the University of Tokyo (UT) revealed a huge reference room with broad resources in it including Compendex on CD Rom, *Science Citation Index*, *Gmelin*, *Chemical Abstracts*, and other broad science items in addition to materials in other disciplines. It is felt that this library should have the major tools that students campus-wide might want to consult. I discovered that this library system uses a classification all its own, but based on letters of the Roman alphabet, similar to Library of Congress. They too have an online catalog.

In zipping past reference, circulation and interlibrary loan down to technical services, where processing is divided between Japanese materials and foreign materials, I noticed no student workers. Indeed there are none. This turned out to be the case in every library I visited. My quick tour also revealed crowded spaces for staff but automated cataloging of materials. Cataloging also takes place in each branch, as does serial check-in, binding prep, etc. An online catalog tells students who has what of post-1984 materials.

As we left the General Library, I noticed the Japanese custom of acknowledging one's guests until they are out of sight. Thus we scurried on to the Faculty of Engineering Library, a single facility serving the entire faculty. This library seemed to have general engineering research indexes and collections such as *Engineering Index*, the Japanese standards as well as foreign standards including ASTM and DIN, patents, IEEE publications as well as Japanese Institute of Electrical Engineers publications, and so forth. Here I met not only the head of the library, a smartly dressed woman in a suit, but also Ms. Hashimoto, the head of the Department of Precision Machinery Engineering Library. In addition to the Faculty of Engineering Library then, there is a department library for each of the 21 engineering departments! These two librarians explained that while they have many foreign materials, they also borrow from abroad frequently, particularly from the British Lending Library.

Ms. Hashimoto (no relation to my guide Yoshi) reports in a sense to the woman in charge of the Faculty of Engineering Library and meets with her 21 colleagues weekly. She couldn't imagine why her modest library had been selected for my visit. It was because Dr. Okubo, who planned my itinerary, graduated from that department. She turned out to be a great source of information because her English was the best I encountered and she was up on library jargon such as retrospective conversion, bibliographic instruction, bibliographic utilities, and approval plans. She led us to her own facility located in the building with her department. It was a modest facility with only about 10,000 books. She explained that most of these are geared to the undergraduates and they use the library heavily for study - when it's open, 8-5 M-F. (No student assistants, remember.) She relies heavily on a department faculty liaison to select for the library. The highly specialized research journals and other materials are housed with the faculty in their offices and labs. I was sorry not to find out how she keeps tabs on them.

Ms. Hashimoto says she prefers the idea of a combined science and engineering library despite faculty objections because she and her assistant have a hard time keeping up with all the work. Together they do everything from ordering and cataloging materials to reference and online searching. (No student assistants, remember.) The hope for a combined library is slight. In Tokyo there simply isn't space. There is also little time for instruction. Instruction in
See JAPANESE LIBRARIES, page 8

JAPANESE LIBRARIES, *continued from page 7*

most places consists of occasional presentations for the occasional enthusiastic professor. Ms. Hashimoto was in fact so tied to her library that upon our taking leave, she turned down an invitation to lunch with us and said she must rush back to her library.

Lunch was at the faculty club. The set menu for the day included chicken and salmon with rice and vegetables - and tea. I felt discriminated against when the hostess brought Yoshi chopsticks and me silverware. But then I was curious to see how Yoshi would navigate the piece of chicken. I discovered that knives and forks work better than tearing with chopsticks. He eventually picked up the entire piece and bit off part of it! Thus fortified, Yoshi and I proceeded to the Tokyo Institute of Technology via subway.

The Tokyo Institute of Technology is modeled after the Massachusetts Institute of Technology, but less fortunate in acronym. TIT features one combined library. Serving about 7000 patrons, the library has a Dewey collection of over a half million volumes and 10,000 periodical titles, about 60% of which are foreign. (This is a typical ratio I found). They even had the ASME papers, something I don't have.

The director was of different ilk from UT, a tall young fellow with suit jacket off and shirt sleeves rolled up. He called in his heads of reference and circulation/automation. Over tea, unobtrusively served by a staff member, they proudly told of their pioneering work with NACSIS, the National Center for Science Information System. NACSIS is a bibliographic utility supported by the Ministry of Education, Science and Culture. Begun in 1980, it serves universities and research institutions throughout Japan. Its first goal was to develop a cataloging service similar to OCLC. Most libraries now participate. Its second goal was to develop holdings information for member institutions, though an interlibrary-loan function does not exist. Its third goal was access to secondary materials. Many databases such as Compendex, Science Citation Index, Medline, MathSci, NTIS, etc. have been mounted centrally for access by researchers.

Down in the reference department I found the CD Rom counterparts to those databases mounted on a Meridian Tower with access from three microcomputers. Like home, the micros had been jammed into an already crowded reference area. Dare I say the keeper of the micros was the usual computer type, with sandals and flying shirttails. (Unusual among Japanese.) There are two reference librarians who do online searching. Selection does not seem to be part of their function. Nor does instruction, except for occasional tours and orientation.

If you have had enough of libraries, so had Yoshi and I! Through his interpreting efforts, Yoshi learned more about libraries than he ever cared to in a lifetime. His efforts

were heroic, but not over. It took another hour of subway riding during the rush-hour to get back to the hotel. The tales of white-gloved pushers and noses flattened against windows are true. We did make it back, even with pumpkins and other ghostly goblins glaring at us from department store windows. Had this exhausting day been a Halloween trick? I would have to say it was truly a treat.

- Dorothy Byers, University of Cincinnati.

Newsletter Schedule

The next issue is the last issue before the annual conference, so think about what you might want to tell members before we meet in New Orleans in June. The deadline is below. Remember, you can always submit early, you don't have to wait for the submission deadline!

However, please note that the deadline is the date I must receive your articles in order to get them in the next issue, not your last day to mail them! - editor

<u>Submissions Due</u>	<u>Issue Published</u>
April 24, 1991	May 1991

ELD Job Descriptions Officers & Committee Chairs

These descriptions were compiled this year to let members know what activities are being undertaken by ELD, and to allow them to find an area where they might want to participate. The descriptions also serve as a reminder to the division and to current officers and committee members! Hopefully these descriptions will help to preserve continuity of purpose and action within the division. I hope you find them useful. In the future, they will appear in the Membership Directory for convenient reference.

- Dorothy F. Byers, Past Chair

Duties and Responsibilities of Accreditation Committee Chair

The Chairman of the Accreditation Committee has two basic goals:

1) to improve the accreditation process for engineering libraries and

2) to develop standards (in cooperation with the Standards Committee) to be used to measure the strength of engineering libraries.

Accreditation Committee Chair, cont

Close communication with the ASEE Accreditation Processes Committee and familiarity with ABET are necessary. Impetus for change however must come from the ELD Accreditation Committee.

Objectives are to:

- 1) improve the paragraphs about libraries in the "Criteria for Accrediting Programs in Engineering in the United States,"
- 2) improve the information provided by the institution being accredited without being exhaustive,
- 3) revise the checklist used by the visiting team member assigned to the library during the accreditation visit, and
- 4) develop standards which can be used to draw conclusions about the library from the data gathered during the accreditation review.

The ELD Accreditation Committee may require external funding in order to research and accomplish the above objectives.

The primary focus to keep in mind is the ultimate reason for wanting an improved accreditation process. If it is merely to get more budget or space for our libraries, ABET would not agree. They are not accrediting libraries, but rather engineering programs. We must therefore focus on the ways in which libraries enhance or strengthen engineering programs and build on that role.

The chair prepares a report to be given at the annual business meeting.

Duties and Responsibilities of the Archivist

The Archivist maintains the archival materials for the division and is appointed by the chair. The Archivist should assemble all non-current materials from retiring officers and chairs. The Archivist should provide information as needed from the archived materials. The Archivist may serve as a consultant to ASEE in matters relating to society archival materials. The Archivist prepares an annual report to be presented at the annual business meeting.

Duties and Responsibilities of the Awards Committee Chair

The Awards Committee for 1988-1990 established an award called the Homer Bernhardt Distinguished Service Award. This and any other award established by the division are the responsibility of the awards committee. Definitions, conditions and honors associated with awards must go through an ASEE approval process outlined in its Awards Policy and Procedures Manual.

The Awards Committee solicits nominations for awards, selects award recipients, and arranges for the presentation of the award(s) at the annual conference.

The Chair prepares an annual report which is presented at the Annual Business Meeting.

Duties and Responsibilities of the ELD Division Chair

Consult the ASEE officers manual for a description of the duties of the division chairs. See also the ELD Bylaws published in the Membership Directory.

Within ELD, the chair takes office immediately after the division's annual business meeting at the annual conference. Sometime following the annual business meeting is an expanded executive committee meeting, at which the new chair presides. The purpose of this meeting is to assign members and charges to committees, to conduct any old or new business which came up at the annual meeting or at any other time, and to begin program planning for the following year's conference.

Following the conference the Chair attends the ASEE New Officers Orientation and Training Sessions.

During the year the Chair contributes columns to the newsletter and maintains contact with ASEE HQ, ELD officers, committee chairs and members, and other divisions as needed.

The Chair submits an annual report at the end of the year which is published in the ELD Newsletter. A separate annual report is submitted to HQ on a provided form after the close of the year June 30. This report is prepared in consultation with the newly elected chair because it calls for information about plans for the coming year.

Duties and Responsibilities of the Director

Consult the ASEE officers manual for a description of the Directors' duties. Consult the ELD Bylaws published in the ELD newsletter for description of terms of office.

Within ELD the directors provide overall guidance to the division. They infuse new ideas, keep the division on a positive track, and ensure the vitality of the organization under the guidance of its officers.

There are two directors who serve two-year terms. One is elected each year at the annual business meeting. The other continues for the second year of the term.

The senior director prepares a report to be given at the Annual Business Meeting.

Duties and Responsibilities of the Literature Guide Subcommittee Chair

The Chair of the Literature Guide Subcommittee of the Publications Committee is responsible for soliciting ideas and drafts of guides in various subject areas, having them reviewed, and getting them produced.

The Chair coordinates with ASEE HQ in getting copyrights, logos, and sales support. An announcement of publications available is provided in the newsletter.

In the past the Chair of the Literature Guide Subcommittee has produced the ASEE ELD guides, the union list and the academic engineering library statistics report using standard covers and spines. A supply is shipped in lots of at least 50 to HQ for sale.

The Chair prepares a report to be given at the Annual Business Meeting.

Duties and Responsibilities of the Membership Directory Editor

The editor of the Membership Directory is responsible for editing and producing the Membership Directory. See the division bylaws in Article V, Section 4.

The directory is produced annually shortly after the annual business meeting and contains the names of all officers and committee members for the coming year, the bylaws, job descriptions for the officers and committee chairs, the members' names with addresses, phone numbers, FAX numbers, and BITNET or INTERNET addresses, and a geographic index to locations and member names.

The editor maintains updates and changes on the master list and supplies these to the newsletter as the year advances. All changes are incorporated in the next edition. The editor provides for the duplication, distribution and billing of the directory.

The editor prepares a report for the Annual Business Meeting.

Duties and Responsibilities of the Recruitment and Hospitality Committee Chair

Consult the division bylaws in the ELD membership directory for responsibilities of the Recruitment and Hospitality Committee chair. The committee is responsible for recruitment of new members and hospitality.

Duties include preparation of a report on the number of members, recruiting efforts, new members, and recommendations regarding membership matters.

Typical committee activities have included developing invitational flyers for prospective members, sending welcome letters, asking dropped members to come back, hosting the reception at the annual conference, and identifying prospective new members. The committee also watches for new members at the conference, includes them in social activities, and arranges for special identification for them, e.g. badge, ribbons, etc.

The Chair prepares a report of the committee's activities which is presented at the Annual Business Meeting.

Duties and Responsibilities of the Newsletter Editor

The Newsletter editor responsibilities are provided in the division bylaws.

The newsletter editor provides a publication timetable and solicits articles/news from officers and members. The first newsletter following the conference includes the minutes of the annual business meeting, an annual report from the Past Chair, and a welcoming statement from the new Chair, as well as solicitation for nominees for positions to be filled by the Nominating Committee. Candidates for offices should also be published in the newsletter once identified.

The newsletter editor is responsible for soliciting content, preparing and reproducing the newsletter, acquiring an up-to-date member list, and distributing the newsletter. The editor also submits production costs to the treasurer for reimbursement.

The editor prepares an annual report including actual and projected expenses for the annual business meeting.

Duties and Responsibilities of the Nominating Committee Chair

The Nominating Committee is described in the division bylaws, published in the membership directory under Article VI.

The past chair typically chairs the nominating committee. The committee prepares a slate of candidates for election at the annual business meeting. Typically the positions to be filled are Secretary/Treasurer and Director.

The names of the candidates are published in the newsletter so that members have a chance to consider them before voting at the annual business meeting.

Duties and Responsibilities of the Immediate Past Division Chair

The Chair become Past Chair immediately following the division's annual business meeting during the annual conference.

The past chair provides advice for the current Chair, and traditionally serves as Chair of the Nominating Committee.

The past chair attends the expanded executive meeting following the annual business meeting. That person is helpful in identifying people to serve on committees and take on other charges. The past chair has also been helpful in identifying speakers for the ELD dinner and in program planning.

Duties and Responsibilities of the Program Chair & ELD Division Chair-Elect

Consult the ASEE officers manual for a description of responsibilities for the program chair. See also the division's bylaws published in the ELD newsletter.

The program chair assumes office immediately following the division's annual business meeting at the annual conference.

The primary duty of the program chair is to organize the program for the following annual conference. The program chair should attend the ASEE New Officers Orientation and Training Session and the Annual Conference Planning Session immediately following the annual conference. Later in the fall the program chair attends the Planning Conference organized by ASEE Headquarters, usually at the site of the next conference.

Ideas for the conference program are discussed at the expanded executive committee meeting during the annual conference. The program chair follows through on those ideas, identifying moderators and potential speakers for sessions.

Once moderators are identified, the chair is responsible for all communication with them re conference planning. The program chair must set deadlines and receive information back from moderators and their speakers, coordinating sessions within the time frame set by ASEE HQ.

The program chair trouble-shoots during the conference to make sure all things are running smoothly. The program chair also prepares an annual report to be presented at the Annual Business Meeting.

Duties and Responsibilities of the Publications Committee Chair

The Chair of the Publications Committee serves as coordinator for all publications activities of the division (see Bylaws, Article VIII).

The publications committee consists of the chair, an at-large member, and chairs of its subcommittees for the guides and the union list, and editors for the newsletter and membership directory.

As of 1990 the ELD publication activities include a newsletter, a membership directory, a union list, and literature guides. Reports on standards and statistics are coordinated with the Standards Committee. The Publications committee also reviews papers for the annual conference according to the policies and timetable approved at the 1990 annual business meeting.

The Publications chair oversees the activities of each publication area, and arranges for the copyright, duplication, production and sale of each publication via ASEE HQ.

In the past it has been difficult to tell from the HQ financial reports just how much income was provided by each of the publications. The Publications chair therefor maintains an inventory of ELD publications. A count of quantity supplied ASEE HQ and the date less the inventory remaining for each title and the date will yield number sold during a specific time period. Income can be calculated from that. Non-profitable publications are discontinued.

The Publications chair is responsible for maintaining production of useful, accurate and quality publications and papers and for making their availability known to the membership through the newsletter.

The chair prepares a report to be presented at the Annual Business Meeting.

Duties and Responsibilities of the Secretary/Treasurer

For a basic description of duties see the officer manual from ASEE and the division Bylaws in the Membership Directory.

The Secretary/Treasurer is elected at the division's annual business meeting during and annual conference and takes office immediately thereafter.

The Secretary/Treasurer takes minutes at the expanded executive committee meeting and at the next annual business meeting the following year. The minutes of the

annual business meeting are published in the ELD newsletter.

The Secretary/Treasurer maintains the division's financial records, fills out forms for payment of outstanding bills or reimbursements, and submits an annual treasury report including proposed budget for the following year.

The Secretary/Treasurer should attend the New Officers Orientation and Training Session held right after the annual conference. If possible he/she should also attend the fall Annual Conference Planning Session conducted by ASEE at the next conference site, in order to gain knowledge in preparation for the following year. This is especially important because of the recent timetable requiring review of papers for the conference proceedings. The Secretary/Treasurer needs to solicit papers for the conference for which he/she is program chair before stepping into the program chair responsibility.

Duties and Responsibilities of the Standards Committee Chair

The standards committee has as its goal the establishment of standards which can be used to assess the quality of library resources and services in support of engineering programs, particularly in the accreditation process.

As a foundation for this work, the committee identifies comparable statistics for use in defining these standards.

The chair coordinates publication of any reports with the

Publications Committee. The chair prepares a report of the committee's activities to be presented at the Annual Business Meeting.

Duties and Responsibilities of the Union List Editor

The Chairman of the Union List Subcommittee of the Publications Committee is the editor of the "Union List of Technical Reports, Standards and Patents in Engineering Libraries." The editor updates, publishes and distributes the list periodically, as called for by the Publications Committee.

Update information is gathered in the spring by having contributing libraries photocopy their own copy of the list and write in corrections and changes on the photocopy. This is then sent to the editor for inclusion in the next edition.

The union list is printed and photocopied for distribution to ELD members in the fall for a fee established by the Publications Committee and commensurate with publication costs. Distribution and publicity are handled by the Publications Committee.

A future goal for the union list is to incorporate the holdings of libraries not members of the ELD. This will require a special solicitation campaign by the Publications Committee.

The chair prepares an annual report to be presented at the annual business meeting.



1991 ELD Poster Session

The ELD Poster Session at the ASEE Annual Conference will be held on Wednesday, June 19, 1991 from 4:30 to 6:15 P.M. To date, we have two eager and knowledgeable participants with the prospect of at least another participant. I say, the more the merrier. If there are any members who would like to enlighten us all with your knowledge and experience on a particular topic, please let me know. Traditionally, the Poster Session is a lively and relaxing occasion capping off the whirlwind activities, professional and social, of the ASEE Conference. The session also gives us the opportunity to solidify our new acquaintances made during the conference as well as chat among our ELD members. I, as session moderator, would like to continue that tradition. If you would like to do a poster session or can recommend someone else, contact me at (408) 554-4067 or email at EWLADAS@SCU.BITNET. Thank you, and I hope to hear from you.

-- **Edward Wladas**, Santa Clara University

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