

# Engineering Libraries

# Division Newsletter



American Society for Engineering Education

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March 1993

## Message from the Chair

Have all of you reviewed the Conference Information/Registration booklet that arrived with the February Prism? Cecilia Mullen has provided us with a very engaging program. In addition to technical sessions, business meeting, and dinner, our Division is sponsoring a workshop. Alan Gould, ELD member, will conduct a program "Information Retrieval for Engineering Educators" on Wednesday, June 23. Please encourage your faculty colleagues to attend this helpful, interactive presentation.

It seems as if no sooner do we get something new than we have to try it out. The Publications Committee has a new agreement with ASEE and immediately two publications appear. I know my appreciation of everyone involved is heartily seconded by the entire Division. We have a year-old ELDNET-L and now our Membership Directory is available electronically as well as in paper. Thanks to Jim Van Fleet, Membership Directory Editor, for this most successful effort. The new directory testifies to the difference a few years and technology can make. Most of our members now have electronic mail addresses.

New publications are not confined to our division. By now we should all have received ASEE's new serial, Journal of Engineering Education, our society's juried journal. Long and prosperously may it be published.

Just because we have something new doesn't have to mean it is published. We have a new site for the 1994 conference. Carole Goodson, PIC IV Chair, has sent word that the site has been changed from the previously announced location to Edmonton, Alberta, Canada. Liz Watson, ELD member and librarian at the University of Calgary, is looking forward to having the conference in her "back yard." With this location we have an

opportunity to remember that "America" is a continental appellation too.

Until May,

--Paige Gibbs, Engineering Libraries Division Chair  
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## And a Note from the Editor

To All Division Officers and Committee Chairs: April 16, 1993, is the deadline for submissions to the May 1993 issue of the ELD Newsletter. This year we are going to try something new. Instead of printing the Division annual reports in the September issue of the newsletter, we will print them in the May issue, in advance of the annual conference, so that the business meeting can be expedited (and we can get to dinner on time!). All officers and committee chairs are asked to limit their annual reports to 300 words, if possible, and to have them in by the April 16th deadline. Thank you.

--Nancy Schiller, ELD Newsletter Editor

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## Call for Nominations for ELD Officers

The ELD Nominating Committee would like to receive nominations from the membership for the offices of ELD Secretary/Treasurer and ELD Director. Please submit the names of possible nominees to any member of the committee by March 31, 1993. Committee members are: **Kate Herzog**, (716) 645-2756, unlk@ubvm.cc.buffalo.edu; **Karen Andrews**, (310) 825-3983, karen@cs.ucla.edu; and **Jay Waddell**, (805) 756-2642, du378@oasis.calpoly.edu. The names of the candidates will be published in the May issue of the ELD Newsletter. At the ELD business meeting at the ASEE Annual Conference in June, nominations also will be accepted from the floor.

The core ELD Executive Committee consists of the Chair of the Division; the Program Chair; the Secretary/Treasurer; and two Directors serving alternating two-year terms. Being an officer in ELD is a very positive and enjoyable growth experience. It is interesting and challenging, and brings considerable satisfaction. We look forward to hearing from you.

--*Jay Waddell*, ELD Nominating Committee Chair

## 1993 ASEE Centennial Conference News

I just want to remind ELD members to take a look at your ASEE Prism package for February 1993 (you say you got yours a long time ago--well, mine seems to be lost in Alaska!). The advance notice for the Annual Conference is included in the mailing. Registration forms start on page 37. ELD programs are listed on page 22 (but one session has been omitted in this brief list--Session 3441, Information Retrieval for Engineering Educators, on June 23, 1993, 12:30-2:00 p.m. It is listed on page 12 (I'm not quite sure why!). Also please note the sessions with meals: of course, our annual dinner (Session 2741, listed on page 33) and the ELD extended Executive Committee meeting, listed on page 34.

I encourage you to pin your conference pamphlet to your mirror/door, etc., so as not to let the early bird registration date slip by. Early bird registration means

before May 15, 1993, but I would advise you to send it in before that!

If you have not attended one of our Annual Conferences, the 1993 Annual Conference at University of Illinois will be an exciting one to start with. Not only is University of Illinois a big draw in terms of their exciting facility (and new Engineering Library, which we may be able to tromp through as an "extra event," provided construction is well enough along), but this year marks the centennial celebration of ASEE and special events are being planned by the host university. ELD is also making plans even as you read this for some additional extra-curricular events in addition to those items listed in the conference pamphlet.

The first session you will want to be sure to attend is the first meal event, Session 0700, which is the Centennial Picnic and Street Fair. ELD members try to meet here, and Glee Willis and her Committee will let you all know what color balloons and banners will mark the ELD spot. The picnic is on Sunday at 5:00 p.m. to 7:30 p.m. and really kicks off our conference. New and old time members will be at this session, so we want to see all of you there.

In addition to our own ELD technical sessions, check out sessions sponsored by other divisions--all sessions are open to all attendees, unless otherwise noted.

Hope to see old and new faces in June--if you have questions, give me a call (408) 924-2813 or on e-mail at mullen@SJSUVM1.bitnet.

--*Cecilia Mullen*, ELD Program Chair

P.S. Several of our ELD sessions will be of interest to your Engineering Faculty, so talk them up. Find out which faculty are going and encourage them to attend--e.g., the workshop, Session 3441, on page 12 is just for them (of course, librarians are invited too)!

### ON LOCATION IN CHAMPAIGN-URBANA From Between the Ears (mine, as well as the cornfields')

In the last issue of the Newsletter, I covered conference travel and accommodations for the June 1993 ASEE Annual Conference, and provided a brief overview of Urbana-Champaign and the University. In this

installment, I want to cover some of the places of interest that you might want to consider visiting while here this summer.

**BUT FIRST....**two updates related to travel and accommodations.

1. For those of you interested in staying in the dorms (either the private variety such as Hendrick House or in one of the University dorms), please see page 8 in the information/registration booklet that accompanied your February issue of Prism. Buried in the middle of the third column are the phone number and contact people for making dorm reservations. If you talk to Joan Chenoweth (short Es, long O, accent on the Chen), congratulate her on her recent engagement (that'll weird her out but good).

2. For you flyers: Air Wisconsin, which flew commuter flights into CU under the United Express banner, has pulled out of the local airport. There is no longer a connection into Champaign on United Airlines. That cuts your airline choices back to TWA through St. Louis, USAir through Indianapolis, and American through Chicago or Nashville. One good thing to come from this: with United's departure (if you'll pardon the pun) from the Champaign to Chicago run, American has agreed to fly a larger plane into Champaign on possibly ALL of their six daily flights from Chicago (this will NOT effect the Nashville connecting flights). Each of these planes seats approximately 60. So any of you that REALLY don't like the 18-seat puddle jumpers might want to consider booking American if at all possible.

## AREA ATTRACTIONS AND PLACES OF INTEREST

The descriptions below are provided by the Champaign-Urbana Convention and Visitors Bureau, with an occasional parenthetical comment from yours truly. There are many lesser or more unique attractions above and beyond those that I've listed here. If you have a particular interest, please let me know and I'll see if something in the twin cities or the surrounding area fits the bill. I've also added the possible ways that you can reach each destination: W=walk, B=city bus, C=car.

### PARKS, etc.

**Robert Allerton Park** - 25 miles SW of CU (C). Free!  
This 1,517-acre park is a National Natural Landmark containing an outstanding collection of sculpture and statuary from around the world, placed among beautiful

flower gardens, greenhouses, and sculptured hedges. The estate, house, and grounds are the former residence of Robert Allerton, who donated them to the University in 1946. The park is open daily to the public with picnic sites and miles of riverside and highland trails. The paths offer excellent self-guided hiking. (There are lots of parks in Champaign, Urbana, and the surrounding area, but Allerton puts them all to shame. A beautiful place.)

**Rockome Gardens** - 35 miles SW of CU (C). Admission charge.

Located in the heart of the Illinois Amish country, the Gardens feature beautifully landscaped gardens and some of the most unique rockwork in the state. Visit a recreated frontier village with several specialty shops and a gift shop featuring items made by the Rockome Gardens Craft Guild.

## MUSEUMS

**Champaign County Historical Archives** (W,B,C) Free!

**Champaign County Historical Museum** (B,C) Admission charge.

**Krannert Art Museum & Kinkead Pavilion** (W,B) Free!  
The second-largest museum in Illinois displays a superb collection including Old Masters, Oriental works, modern painting, prints and photography, sculpture, ceramics, and glass. Traveling exhibits from some of the country's top galleries are featured, in addition to annual student and faculty displays. The Kinkead Pavilion provides additional gallery space for the museum's permanent collection and for changing exhibits of prints and photography.

**Monticello Railway Museum** (C) Admission charge.  
Enjoy a 40-minute trip on a steam locomotive pulling a full sized train. View railroad history inside several passenger cars on display, enjoy refreshments in the Snack Car, and shop for train novelties in the gift shop. (Ms. Willis, please take note.)

**Museum of Natural History** (W) Free!  
Originally opened in the 1870s, exhibits cover the fields of anthropology, botany, geology, and zoology. The museum houses the entire bird collection from the Columbian Exposition of the Chicago World's Fair (c.1893) plus rotating exhibits in its 3rd floor gallery. Over 40,000 specimens in the Museum's research room can be viewed upon request. The gift shop offers a

variety of unusual items from around the world. (Next to the Conference HQ.)

**John Philip Sousa Museum (W) Free!**

John Philip Sousa's personal band music library, willed to the University, is on display along with period band uniforms and instruments.

**World Heritage Museum (W) Free!**

With over 25,000 items, the museum houses significant collections of Prehistoric, Near Eastern, Ancient Greek and Roman, European, African, Oriental, and Native American artifacts. See the earliest known fragment of the Biblical Book of James on papyrus and an ancient Egyptian tomb complete with sarcophagus from the 8th century B.C. (The plaster casts of the frieze of the Parthenon are some of the earliest casts ever made and are in better shape and provide more detail than the now heavily weathered originals.)

**HISTORIC PLACES**

**Altgeld Hall (W)**

Designed by Nathan Ricker, the first individual granted a degree in Architecture in the U.S., and James White, Altgeld Hall was constructed in 1896 to be the University Library (the Math Library currently resides within it). One of the finest examples of Romanesque architecture in Illinois, it is listed in the National Register of Historic Places. The carillon in the bell tower sounds each quarter hour, and a chimes concert is heard weekdays from 12:50-1:00 p.m. (Pictured on page 3 of your conference information/registration booklet.)

**Harker Hall (W)**

The oldest remaining classroom building on the campus, Harker Hall was also designed by Nathan Ricker and is listed in the National Register of Historic Places. (Immediately adjacent to the Conference HQ and recently remodeled to house the University of Illinois Foundation).

**Mumford House (W)**

This is the oldest remaining building on campus. Built in 1870 by what was then known as the Illinois Industrial University (now U of I) as a model farmhouse, it combined functional elements of a business office and family living space.

**Morrow Plots (W)**

Operated by the College of Agriculture since 1876, The Morrow Plots are the oldest agricultural experimental fields in continuous use in the Western Hemisphere.

Soils from these plots are studied by researchers from around the world. (The Undergraduate Library was built underground to keep from casting a shadow on the plots and thereby artificially changing the amount of sunlight that the plots would receive.)

**Penn Central Depot (B,C)**

Constructed in 1899 for the Big Four Railroad, the completely renovated structure serves as the Station Theatre (see ENTERTAINMENT section below).

**University of Illinois Observatory (W)**

Built in 1896, the Observatory has been named a National Landmark by the U.S. Dept. of the Interior. Joel Stubbins, director of the Observatory from 1907 until 1922, developed the selenium photoelectric cell which revolutionized the measurement of celestial magnitudes. Its 12-inch refracting telescope is still used for observation and instruction. (A neat building to wander around in.)

There are also many architecturally or historically significant churches and homes scattered throughout the Champaign-Urbana area.

**ENTERTAINMENT**

For information on the Society-wide picnic, please refer to page 29 of the conference registration booklet.

**Guffaw's (B,C)**

C-U's resident comedy club, Guffaw's offers stand-up comedy, with many of their featured performers having been seen on late-night talk shows, HBO, Showtime, or other comedy specials. C-U's version of "An Evening at the Improv."

**Krannert Center for the Performing Arts (W)**

Nationally and internationally acclaimed performers are regularly featured, as well as student-faculty shows, Illinois Repertory Theatre, Illinois Opera Theatre, and Illinois Dance Theatre. (An incredible complex, both architecturally and acoustically. Home of the conference KC Club--light entertainment and drinks--as well as the evening entertainment by the Kingston Trio and Allison Krauss.)

**Station Theatre (B,C)**

C-U's resident theatre group, The Celebration Company, performs locally in the renovated 1899 Penn Central train station.

**Sunshine Dinner Playhouse (B,C)**

Professional dinner theatre at its best. Old and new musical comedies and shows, with a full buffet dinner for evening performances and a luncheon for matinees.

Many local bars and clubs provide a variety of musical entertainment, from heavy metal to pop, country to jazz, dance music to the blues. I'll have detailed info immediately prior to and during the conference.

**SPORTS AND RECREATION**

The Intramural Physical Education Building offers facilities for almost all indoor sports as well as indoor and outdoor pools. Tennis courts are available at a number of locations around campus. There will also be ASEE tennis and golf tournaments (see pages 15 and 16 of the booklet for details) plus the ELD softball game (details pending).

**SHOPPING**

A consortium of over a dozen antique shops are arrayed in or within a mile of downtown Champaign. I have names, addresses, and a map for anyone interested. The Campustown area sports a number of shops, particularly featuring University motifs. (Only a block + from the Conference HQ.)

**NEXT ISSUE:** Food and Drink

--*Mel DeSart*, Site Host for the Centennial Conference



## ENGINEERING LIBRARIES DIVISION Committee Reports

**Membership Committee**

For several reasons, I have decided that it no longer makes sense for me to try to report, based on our roster, a figure that approximates how many ELD members there are at any given point in time. For years now I have posited my personal theories for the increases or decreases in that figure from my previous quarterly report of it. This would be the "normal" thing to do, if

I could be confident in the accuracy of the roster I request and receive from ASEE headquarters four times per year. But, when nine members in good standing are inexplicably not listed in a roster, it becomes painfully obvious that I should no longer strive for "normalcy." For the record, ELD has, for some time now, had approximately 140 members at any given moment in time. So, forthwith, if I have reason to believe that that figure has changed by +/- 10 or more, I shall report that occurrence. And we shall rely upon the electronic version of the ELD Membership Directory (brought to you courtesy of the talented Messrs. *Jim Van Fleet* and *Mel DeSart*) as the most accurate reflection of the Division's membership.

In terms of recruitment activities, I have sent out 49 Invitations To Join packets since the last newsletter report (for a total of 103 since our conference in Toledo). This number, as always, is a combination of the new subscribers to ELDNET-L (forwarded to me by *Mel DeSart*) and "leads" sent to me primarily by *Orion Pozo* (the Committee's "scout"), and others of you out there who have your eyes peeled for prospective new members.

Send us your "leads!" Notify us of your membership problems! (I can be reached on e-mail at [willis@unssun.scs.unr.edu](mailto:willis@unssun.scs.unr.edu)). And welcome to all our new members!!

--*Glee Willis*, ELD Membership Committee Chair

**Publications Committee**

In case you missed the announcement on ELDNET-L, ASEE has published two new ELD literature guides. The publication of these guides went smoothly once we reached a publishing agreement with ASEE. The production time was relatively short--about three months from final manuscript to finished product. ASEE kept prices reasonable by using a cover and binding format similar to previous guides in the series. The new guides are:

"Union List of Technical Reports, Standards, and Patents in Engineering Libraries," by *James Ruffner* and *Linda Musser*, 2nd ed., ASEE, 1992; \$12.00.

"Selective Guide to Literature on AI and Expert Systems," by *Julia Gelfand* and *Locke Morrissey*, ASEE, 1992; \$8.00.

--*Tom Conkling*, ELD Publications Committee Chair

## Update on ELD's Duplicates Exchange

The ELD Duplicates Exchange has been in existence for a little over a year. So, I thought it would be useful to summarize some data I have about the service for the benefit of the members of the Division. Since the exchange of duplicates is conducted between the individuals involved, I do not have any information other than my own on how successful users are at distributing items. I do, however, have some statistics on where the lists go. Currently, each list of duplicates submitted for distribution goes to 170 individuals, 153 of whom I have basic information as to what institutions they represent. These 153 people come from 98 different institutions in 30 of these 50 United States, in Canada, and in 4 other countries. The largest concentration is 22 individuals in 15 institutions in California. There are eight libraries that get lists in Canada; six in New York; five each in Massachusetts, North Carolina, and Pennsylvania; four in Illinois, Michigan, Nevada, and Ohio; three in New Jersey and New Mexico; two in Arizona, Kentucky, Minnesota, Missouri, and New Hampshire; and, there are single institutions getting lists in Alabama, Connecticut, Florida, Georgia, Kansas, Maryland, Nebraska, Oregon, South Carolina, Tennessee, Texas, Virginia, Washington, and Wisconsin. Outside of North America are two libraries in Australia, and one each in Chile, the Netherlands, and Saudi Arabia. So, you can see that your list gets wide distribution with this service.

I have two suggestions for people who get the lists. First, some members have asked me to remove their names from the distribution list because others at their institution already get copies. It is no problem for me to send duplicate lists to the same institution. However, those who are getting multiple lists at their institution might want to decide who is responsible for this activity, and let the others cancel their membership to the Exchange. Also, there may be someone in your organization that you routinely forward the lists to when they arrive since it is their responsibility to check them. If that person has an e-mail address, I would be glad to send the lists directly to them to speed up turn-around-time.

I would like to thank all of you who support and use the Duplicates Exchange. It could not exist without you.

--Orion Pozo, ELD Duplicates Exchange Coordinator

## People & Places

Vladimir Borovansky writes that the Noble Science & Engineering Library at Arizona State University is expected to cancel over \$500,000 worth of periodical subscriptions this year. Unless some miracle happens this will take place this year and, if no increase in the acquisition budget is received, the same amount will be canceled next year. The governor and the legislature claim that there is still fat in university budgets and are planning to cut these budgets for the third year in a row. A similar amount of cancellations is planned at the University of Arizona in Tucson.

Tom Conking reports that the Penn State University Libraries are bringing up the RLIN/Citadel version of Engineering Index Page 1 on the LIAS information system. This is being implemented using the Z39.50 protocol which will allow users to search EIP1 using LIAS commands. Anyone using a dedicated LIAS terminal will be able to access EIP1, and remote users can gain access if they are registered library users. This approach will bring EIP1 to a primary user audience of some 10,000 engineering and engineering technology students and faculty at 22 Penn State campuses across the state.

Julia Gelfand, on leave from the University of California at Irvine, is this year's recipient of the Fulbright Professional Librarian Award in the UK. She is being hosted at the joint libraries of Imperial College of Science, Technology & Medicine and the Science Museum, London. Julia is working on cooperative collection development issues in the sciences and visiting libraries of the University of London and throughout Britain. At conferences and meetings with other science librarians in the UK, she finds that the same issues occupy the minds of librarians around the world--serials, the costs and challenges of electronic formats, and all the issues related to those dilemmas. Julia notes that it has been a very professionally rewarding and valuable experience. She will continue to share with the Division information about meetings as she attends them.

Ruth Seidman, Head of the Engineering and Science Libraries at the MIT, sends us this news: Under the direction of David Ferriero, Associate Director for Public Services, Project Leader Christine Sherratt of the Engineering and Science Libraries and a study team of 11 librarians have completed a research project on academic information gathering behavior. The MIT Libraries Information Services Study focuses on three

interdisciplinary fields: Brain and Cognitive Sciences, Materials Science and Engineering, and Management Science. Faculty, research staff, and students from these three areas participated in the study. A questionnaire asked respondents to indicate how they had learned about and located references cited in their most recently completed paper or research proposal. Further data was gained from focus groups and from interviews with faculty members. On the basis of the information gained from these surveys, the study developed recommendations for improved service to these, and possibly other, user groups. The study also offers librarians methods for getting to know their users better; for example, the study presents an interview guide, which has the text of the questions asked in in-depth interviews of faculty members. The results of the study were presented by David Ferriero at a poster session at EDUCOM in the fall of 1992. Copies of the study are available from Agnieszka Meyro at the MIT Libraries, Cambridge, MA (ameyro@athena.mit.edu).

James Van Fleet, ELD Membership Directory Editor, notes that the preparation of that publication has given him new insight into the changeable nature of biographical information. He offers the following emendations to the biographical sketch published in the December 1992 ELD Newsletter. An article co-written with Dot S. Thompson, "Developing a Model of Library User Education for Freshman Science Students," has finally been published in Research Strategies 10(3) (Summer 1992): 122-128. A second article, "Library Support for Science Research and Education at Bucknell University: Pulling It All Together," appears in Science & Technology Libraries 12(3) (Spring 1992): 23-34. Jim also points out that the statement in the biographical sketch concerning a former supervisor is erroneous, and that the only axe-wielding librarians he knows confine their activities to budget cutting!

## Engineering Education: Visions of Century II

### ASEE 28th Annual Midwest Section Meeting University of Missouri-Rolla, March 31-April 2, 1993

Engineering librarians are cordially invited to the 1993 ASEE Midwest Section Meeting on March 31-April 2, 1993, in Rolla, Missouri. This meeting, which will

commemorate ASEE's 100 years of progress in engineering education, is hosted by the University of Missouri--Rolla, Missouri's Technological University. The conference will feature:

- Keynote speakers Lloyd E. Reuss, executive vice president of General Motors Corp. (and a UM-Rolla alumnus); George Campbell Jr., president of the National Action Council for Minorities in Engineering; Frank Huband, executive director of ASEE; and Joseph Bordogna, assistant director of the National Science Foundation's Directorate for Engineering.
- "Women Shaping Engineering in the 21st Century," a brand-new, locally-produced videotape on opportunities for women in the fields of engineering and engineering technology.
- "Visions of Engineering in the 21st Century from a Woman's Perspective," a panel discussion moderated by Karen High, assistant professor of chemical engineering at Oklahoma State University, and featuring panelists A. Baya Crynes, college relations analyst for Phillips Petroleum Co.; Norma Curby, marketing development director for Monsanto Co.; and Lucy Morse, the National Science Foundation's program manager for human resource development.
- A panel discussion on diversity among engineering students and faculty will also be featured.

UM--Rolla is home to UMR-Stonehenge, a half-scale replica of the Stonehenge of England, and some of the most advanced technological classrooms in the Midwest. Off-campus, enjoy visits to several antique stores or a trip to nearby natural attractions like Onondaga Cave and Maramec Springs Park. Conference organizers have arranged a spouse's program that will include excursions to several local attractions.

"Our centennial celebration provides an excellent opportunity to focus attention on the challenges and opportunities of engineering education in the next 10 to 30 years," says Dr. Donald D. Myers, a professor of engineering management at UMR and the conference chair. "We want to provide an outstanding forum for these purposes for all that are interested in engineering education."

Registration has been set at \$50.00 (increasing to \$65.00 after March 1, 1993). To register for the conference, contact UMR Continuing Education at (314) 341-4200. For general conference information, contact Don Myers at (314) 341-4135.

On a more personal note, I am unsure as to how much ELD interest there has been at ASEE Regional Meetings in the past. As your "local contact" here I can provide some additional information about local attractions, travel arrangements, and similar concerns. If enough interest is evinced, we may also arrange a "For Engineering Librarians Only" informal mealtime get-together or something of that nature. If you have specific questions, contact me directly.

**Andy Stewart**

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## ELD Membership Directory Corrections

Everyone should have gotten their copy of the 1992/93 ELD Membership Directory by now. If you have not received it, please let the Directory Editor know. Since publication, a number of new members have joined ELD, and I include their addresses below. I must also apologize for several errors of omission committed in my rush to publish! Several current members did not appear in the printed Directory. They are also listed below.

All of the following corrections and additions have been posted to the electronic version of the ELD Membership Directory. You can "get ELD.MEMBERS" via anonymous FTP (see instructions in the December 1992 Engineering Libraries Division Newsletter).

Any additional corrections, changes, and additions should be brought to the attention of the Directory Editor:

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### Additions:

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**John Matylonek**

Engineering Librarian

Oregon State University

Kerr Library

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### New Addresses:

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**Larry Clemens**

Reference-Bibliographer for Engineering,

Weapons, and Military Science

Nimitz Library

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 clemens@nimitz.nadn.navy.mil

Mary A. Schmidt advises that her E-Mail address is: schmidt@kirk.msoe.edu

### Omissions:

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Mona L. Mosier  
 Reference Librarian  
 Los Alamos National Laboratory Library, P-362  
 Los Alamos, NM 87545  
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--Jim Van Fleet, ELD Membership Directory Editor

## Job Opportunities

**Reference Librarian**, with strong background in sciences or engineering, some experience in social sciences. **Duties:** Reports to Chief of the Science/Engineering Library and is responsible for providing print-based and automated reference services primarily to undergraduate students. Duties include bibliographic instruction, collection development, other duties as assigned, and may include ILL. Willingness to work up to two evenings per week. **Qualifications:** ALA-accredited MLS or equivalent; additional graduate degree required for tenure. Experience or training in the provision of automated information services, including CD-ROM LANs, and online database searching. Strong commitment to providing services to a wide spectrum of users within an urban, multi-cultural environment and a flexible approach are essential. **Salary:** Available

September 1, 1993, subject to funding availability. Salary and rank commensurate with qualifications and experience: Instructor, \$26,260-\$39,080; Assistant Professor, \$28,630-\$49,026. Review of applications to begin March 1, 1993; search to continue until position is filled. Applicants should submit a current vita and a placement file or three letters of reference to: Ms. Lydia Hoshovskyj, Asst. to the Chief Librarian, Cohen Library, North Academic Center, The City College, CUNY, Convent Avenue at 138th Street, New York, NY 10031.

The above was posted Friday, February 12, 1993, on the Public-Access Computer Systems Forum.

**Division Head, Science and Technology Division.** Duties: Faculty, tenure-track position which serves as head of one of five reference units reporting to the AUL for Public Services and Collection Development. With two other professionals and three civil service staff, provides traditional, online, and CD-ROM reference service in science and technology. In addition, provides bibliographic instruction, acts as liaison to appropriate faculty departments, and develops collections in support of several departments from among the pure and applied sciences, depending on candidate's qualifications. As head of the division, furnishes leadership, planning, identifies needs, establishes priorities, implements change, and supervises the development and growth of the divisional faculty. **Qualifications:** ALA-accredited master's; 2 years' administrative experience; appropriate experience in reference and library instruction; knowledge of the scientific literature, either from professional experience or extensive coursework; understanding of and ability to administer in a collegial environment. A second advanced degree in library science or a subject discipline is required for tenure or appointment beyond the rank of instructor. **Salary:** \$35,000 minimum, negotiable depending upon education and experience. Rank should be in the associate professor range. **Preferred Beginning Date:** May 1, 1993. **Application Deadline:** Applications will be accepted until the position is filled, but for maximum consideration, applications should be submitted no later than March 15, 1993. To apply, submit letter of application, resume, and at least three references to: Science & Technology Division Head Search Committee, 311 Milner Library, Illinois State University, Normal, IL 61761.

The above was listed in the February 1993 issue of College & Research Libraries News.

**ELD Newsletter Editor  
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