

Engineering Libraries

Division Newsletter



American Society for Engineering Education

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Message From the Chair

This year I have received an inquiry from one publisher, Professional Publications, which publishes all those professional exam books and other career-oriented guides, handbooks, and manuals. Professional Publications is a relatively small publisher, with sixty some publications currently in print. Their inquiry was to ask for our ELD mailing list. I did check with ASEE Headquarters, and their policy on this matter is that any distribution of mailing lists must first meet with Division approval. With that approval, ASEE will distribute the mailing list as prescribed by the Division. Only ASEE can distribute mailing lists and they assess the charges. Their charges are quite reasonable, however. Costs for each set of labels are based on a setup fee of \$30.00 plus \$.07 per label. ELD membership is approximately 150 this year. For a division of 150 members, ASEE would charge \$40.50. This low cost (whether intentional or not) allows for a Division to also profit from the transaction if they should stipulate that a donation of a specified amount needs to be made to the Division. In this case, ASEE would deposit that prescribed amount into the Division's BASS account.

ELD does not have big money-making projects to replenish our bank account, so it is important to consider new ways to keep our account moving in a positive direction. With the current procedure for producing our Literature Guide series, ELD collects 10% of the profits. Our publications sales and annual dues are the only positive cash flows for our Division. It would be nice to have an additional source of funding such as the mailing labels could produce. Again, not a big money-maker but, for example, if ELD were to request a donation of \$100.00 for each mailing list sent out to a publisher, ELD could enjoy some monetary benefit and members would benefit by a publisher's mailing.

Please let me know your opinions of ELD making its mailing list available to publishers of science and engineering materials.

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And a Reminder from the Editor

Just a reminder that April 15, 1994, is the deadline for submissions to the May issue of the ELD Newsletter. Like last year, we will be including in the May issue all annual ELD officer and committee chair reports so that they are available to ELD members in advance of the annual business meeting at the conference in Edmonton in June.

--Nancy Schiller, ELD Newsletter Editor

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ENGINEERING LIBRARIES DIVISION Quarterly Committee Reports

Publications Committee Report

ASEE has provided sales figures for the recent ELD Literature Guides through December 31, 1993. The totals are as follows:

Title	Number Sold
<u>Advanced Ceramics</u>	16
<u>Artificial Intelligence</u>	47
<u>Composites</u>	16
<u>Telecommunications</u>	19
<u>Union List</u>	175

Sales thus far will generate about \$300 for ELD's BASS account. The above-listed publications have been advertised on listservs including ELDNET, PAMNET, BI-L, and LibRef-L. There was also a printed ad in the November 1993 issue of Sci-Tech News, page 37.

--*Tom Conkling*, Publications Committee Chair

Membership Committee Report

Interesting membership tidbits: 31% of ELDNET-L subscribers are members of ELD (93 of the 298, as of February 16, 1994). The ELD roster now numbers 150 members. Approximately 10 more ASEE members haven't yet paid their ELD divisional dues for this year, so the actual ELD membership count is probably 160. This is wonderful news--we are definitely gaining strength in numbers! I have sent out a total of 153 recruitment packets since the annual conference in Urbana--and continue to do so at the customary rate of 5+ per week (mostly to new subscribers to ELDNET-L). Almost 60% of all ELD members are also members of ELDNET-L, and Mel DeSart, ELDNET-L editor, and I are working on upping that percentage. Meanwhile, both the ELD roster and the ELDNET-L subscribership manifest marvelous "international" flavors to them. ELD membership includes folks from Canada, as well as people from Finland, France, Israel, Korea, Peru, and Saudi Arabia. ELDNET-L subscribership includes 18 electronic mail addresses from Canadian domains, 10

from Australia, four from Spain, three each from Brazil and Great Britain, two from the Netherlands, and one each from Belgium, Egypt, Ireland, Israel, Italy, and Panama. Much credit goes to all the people who play big roles (behind the scenes) in the work that is done to stay on top of membership issues--and to Felicia Guglielmi, at ASEE HQ, who is doing a great job of hanging in there with us while we do the best we can to both "grow" our membership figures and strive to keep track of all you fine ELD folks! As always, please address any membership status questions and send along any recruitment "leads" you might have to me. My e-mail address is willis@unr.edu.

--*Glee Willis*, Membership Committee Chair

New Member Bios

This issue of the Newsletter features several new members from the Pittsburgh, Pennsylvania, area who we are pleased to welcome to the Division.

Aimee DeChambeau has a BS in Education, a Library Science certification K-12 from Clarion University, and an MLS with a specialty in Agricultural Information from the University of Pittsburgh. She is currently completing an Advanced Studies Certificate in Automation Design at Pitt while working part-time as a Science Reference Librarian in the Carnegie Public Library's Science and Technology Department. Prior to this, Aimee worked as a Science Information Specialist at the Engineering and Science Library at Carnegie Mellon University. Aimee is interested in how library users interact with online catalog interfaces.

David Peck is a Science Information Specialist at the Engineering and Science Library of Carnegie Mellon University, where he provides reference services and is responsible for collection development/departmental liaison activities for Chemical Engineering, Mechanical Engineering, and Materials Science and Engineering. David also supervises the CMU Libraries' Courier services as well as ILL for the Engineering and Science Library, and helps in database testing. He is currently involved in testing and development of CMU's version of the TULIP/Elsevier project. David received his MLS from Clarion University of Pennsylvania. He has a BS in chemistry from Rensselaer Polytechnic Institute and a PhD in organic chemistry from the University of Minnesota. His pre-MLS science research experience includes a postdoc at the University of Pittsburgh and

industrial chemical research at Allied Signal. David is interested in improving the delivery of information to the scientific community, the application of intellectual property laws to libraries and electronic information, and the preservation/use of CD-ROMs.

Terry Wittig received her MLS from the University of Pittsburgh. For the past four years she has worked at the Engineering and Science Library at Carnegie Mellon University, where she serves as the liaison for the Mathematics, Physics, and Electrical and Computer Engineering Departments. Terry is also the Collections Coordinator for the CMU Science Libraries. Prior to joining CMU, Terry worked in the Rotch Library of Architecture and Urban Planning at MIT. Terry is active in the Science and Technology Section of the Association of College and Research Libraries.

--compiled by *Glee Willis*, Membership Committee Chair

Edmonton Program Needs You

As I write this update on ELD's program for the Edmonton conference, I have just received the preliminary conference schedule from ASEE. I believe that ELD has put together an exciting program which will benefit all who can attend. The December Newsletter provided a listing of all our activities. The program has not changed since then. We will be offering exciting programs on document delivery, TULIP (Elsevier's initiative to provide their materials science journals online), the National Engineering Education Delivery System (NEEDS), the Internet, and the work of the ELD Accreditation and Standards Committee in developing both a program for gathering comparable library statistics and a checklist for evaluating library services. In addition, we will be having our annual get-together/rap session to kick-off the formal programs, followed by an afternoon poster session where over 10 different presenters will be sharing their work.

As anyone who has attended the annual conference in the past knows, the social aspect of the conference can be just as worthwhile as the more formal parts. The annual society-wide picnic on Sunday is the informal beginning of the conference. This year's picnic will be held at Fort Edmonton Park, a living history museum that recreates the atmosphere of the city of Edmonton from

its beginning as the Hudson Bay Fur Trading Post of 1846. The park sprawls over 158 acres in the North Saskatchewan river valley and contains a full-scale replica of Fort Edmonton as it was in 1846. The picnic is a must event for all conference attendees!

The other major social event for ELD members is our annual dinner which is held on Tuesday evening. It follows our Division's annual business meeting (to which all ELD members are invited), and is a great way to relax after a full day of activity. This year's dinner will be held in a local Edmonton restaurant which promises to provide us with a further glimpse of local color and hospitality. Please make sure to attend!

In the May issue of the newsletter I will be providing the last-minute details on speakers and presentations for the Edmonton program. But don't wait until then to register! Register by April 1st and be eligible for an all-expenses-paid trip to the conference, including a two-night, three-day vacation at the scenic Jasper Park Lodge.

--*Steve Gass*, ELD Program Chair

1994 Conference Site: It Really is the Frozen North!

Area Attractions/Places of Interest

Well, it is minus 31.5 degrees Celsius this morning, so it is hard to think about "attractions" in Edmonton, even for us die-hard Edmontonians.

Parks, etc.

Edmonton has a wonderful river valley for walking, running, cycling, and cross-country skiing. Of course, cross-country skiing won't be an option in June. Trails take you 35 or more kilometres. On weekends, there are ice cream vendors on the trails, but mostly you need to pack your own lunch or snacks.

Muttart Conservatory

The Muttart consists of four pyramids: tropical, arid, temperate, and show. The Show Pavilion changes monthly, while the others are permanent exhibits. There is also a small gift shop and coffee area. The conservatory is located at 98th Avenue and 96A Street at the east end of the James MacDonald Bridge. Open daily 11 a.m. to 9 p.m. Entrance fee charged. Phone: (403) 428-5226.

Museums

Fort Edmonton Park

The opening picnic is here. Located along the river bank, four time periods in Edmonton's history are depicted: 1846 Hudson's Bay Company fort, 1885 settlement, 1905 city, and 1920 city. Interpreters are costumed and various activities are demonstrated, including bread baking. Includes steam locomotive and streetcar rides. Open 10 a.m. to 6 p.m. daily. Entrance fee charged. Phone: (403) 428-2992.

Edmonton Space and Science Centre

There is a star theatre and an IMAX theatre here along with exhibits, models, and games. Located at 142 Street and 112 Avenue in Coronation Park, near Westmount Shopping Centre. The Observatory is open clear afternoons and evenings 1 p.m. to 5 p.m. and 9 p.m. to midnight. The Centre is open 10 a.m. to 10 p.m. daily; till midnight on Friday and Saturday. Entrance fee charged. Phone: (403) 451-7722.

Provincial Museum and Archives of Alberta

Four main galleries reflect Alberta's heritage, including dioramas. Located at 12845-102 Avenue, just west of downtown. Open daily from 9 a.m. to 8 p.m. Entrance fee charged. Phone: (403) 427-1786.

AGT Vista 33 View Gallery and Museum

This tower offers a panoramic view of the city along with a telecommunications museum. Open 10 a.m. to 8 p.m. daily, except Sundays, when the museum is open from 12 p.m. to 8 p.m. Entrance fee charged. Phone: (403) 493-3333.

Alberta Legislature Building

Edmonton is the provincial capital and thus the seat of the Legislature. The Alberta Legislature Building is a grand domed building with a carillon in the dome and a reflecting pond outside. It is situated on the river bank and has lovely gardens. Located at 97 Avenue and 109 Street. Tours Monday-Friday, 9 a.m. to 8:30 p.m.; Saturday and Sunday, 9 a.m. to 4:30 p.m. Free. Phone: (403) 427-7362.

Edmonton Art Gallery

A small but interesting gallery with a gift shop. Emphasizes modern Canadian works and the history of Canadian art. Located at 2 Sir Winston Churchill Square, just east of the downtown shopping area. Open daily from 11 a.m. to 5 p.m.; Thursday and Friday till 8 p.m.

Entrance fee charged, except Thursday evenings. Phone: (430) 422-6223.

Edmonton City Hall

The new city hall opened about two years ago and is quite fun to walk through. Free. Located at 1 Sir Winston Churchill Square.

Sir Winston Churchill Square

Sir Winston Churchill Square is at the east end of the shopping area and has City Hall on one side and Hudson's Bay Store and the Edmonton Public Library on the other sides. The Edmonton Art Gallery is kiddie-corner. Sir Winston Churchill Square is one of several sites for the Jazz City Festival which runs late June every year.

Hanging Out in Old Strathcona

Whyte or 82 Avenue from 105 Street to 103 Street is the core of Old Strathcona. Lots of coffee shops and gift shops.

Farmers' Market

The market is the biggest farmers' market in Edmonton. It is open Saturdays from 8 a.m. to 3 p.m., and Tuesdays from 2 p.m. to 7 p.m. in the summer. The market is located in the very unpretentious old bus barns at 83 Avenue and 103 Street. Glee Willis alerted you in December on ELDNET-L of the smells and tastes at the market. We'll work on the Saskatoon Pie for Paige Gibbs, but the snow will have to melt very soon for Saskatoons to be in season.

Princess Theatre

Old Strathcona is also home to the Princess Theatre, a repertory theatre also featuring first run and foreign films. June is the Princess Film Festival. Located at 10337-82 Avenue. For movie info, call 433-5785.

Old Strathcona Model and Toy Museum

The Old Strathcona Model and Toy Museum is located at 8603-104 Street. It is open Wednesday-Friday from 12 p.m. to 8 p.m.; Saturday from 10 a.m. to 6 p.m.; and Sunday and holidays from 1 p.m. to 5 p.m. Donations at the door. Phone: (403) 433-4512.

Edmonton Telephone Historical Information Centre

The Edmonton Telephone Historical Information Centre at 10437-083 Avenue gives the history of telecommunications in Edmonton. Open Monday-Friday from 10 a.m. to 4 p.m.; Saturday from 12 p.m. to 4 p.m. Entrance fee charged. Phone: (403) 441-2077.

Rutherford House

This house was the home of the first premier of Alberta. It was completed in 1911 and marks the end of the pioneer style in Edmonton. Located at 11153 Saskatchewan Drive, on the University campus. Open daily 10 a.m. to 6 p.m. Donations. Phone: (403) 427-2022.

Valley Zoo

The medium-sized Valley Zoo is located in west Edmonton at Buena Vista Road and 1344 Street. Open daily 10 a.m. to 6 p.m. Entrance fee charged. Phone: (403) 483-5511.

Shopping

West Edmonton Mall at 87 Avenue and 170 Street is a shopping mall, but don't skip it just because you don't want to shop. There's lots more at West Edmonton Mall, including an amusement park. The mall contains more than 800 stores and 19 movie theatres. It also includes Fantasyland, the world's largest indoor amusement park with a roller coaster, a submarine, the Drop of Doom, to name but a few of its attractions. The Ice Palace is an indoor skating rink (hockey size). You can rent skates and go ice skating here. There is also miniature golf and a Water Park with a beach, water slides, and wave pool.

Old Strathcona is a browser's and window shopper's dream on a pleasant day.

Downtown has several shopping centres joined together by overhead walkways: Edmonton Centre, Eaton Centre, and Manulife I and II. Just a few steps away is the Boardwalk Mall. Included in Manulife is the Alberta Craft Gallery for Fine Crafts and Art. Also fun is Artworks, at the northwest corner of Edmonton Centre. Places to eat include Zenari's, a gourmet kitchen shop, and Restaurant Select.

Out of Town**Devonian Botanic Garden**

You need a car to get to the Devonian Botanic Garden, but it is a retreat from the daily busy world with its Kurimoto Japanese Gardens. Indigenous and Alpine vegetation cover another 45 acres of the 90-acre total. The botanic gardens are located about 14 kilometres southwest of Edmonton. Open daily 10 a.m. to 6 p.m. and Thursday, Friday, and Saturday evenings till 9 p.m. Entrance fee charged. Phone: (403) 987-3054.

Ukrainian Cultural Heritage Village

Located 30 miles east of town, this open-air museum focuses on the mass immigration of Ukrainian farmers from 1892 to 1930. The site includes a town, a farmstead, and a rural community. Costumed guides role-play the daily routine of settlers. Open daily 10 a.m. to 6 p.m. Entrance fee charged, except Tuesdays. Phone: (403) 662-3640.

Reynold's Museum

Reynold's Museum in Wetaskiwin Wetaskiwin is about one hour south of Edmonton. The museum showcases antique cars, trucks, fire engines, tractors, and many other bits of history. Open daily from 10 a.m. to 5 p.m. Entrance fee charged. Phone: (403) 352-6201.

Next Issue: Food and Drink and Entertainment

--*Margo Young*, Science & Technology Librarian, University of Alberta, Edmonton

Proof of Citizenship Required for Conference Attendees

As you make your plans for the upcoming ASEE Annual Conference in Edmonton, please note that anyone entering Canada for business or pleasure purposes must carry identification which proves that they are a legal resident of the United States. A driver's license is not sufficient.

All visitors to Canada must show proof of citizenship. Documents such as a passport, birth certificate, or voter registration card and a picture ID are necessary to enter Canada. Citizens of countries other than the United States should check with the Canadian embassy or nearest consulate before their departure.

Cornell Engineering Library Flood

Wednesday evening, January 19, 1994. It was intersession and we had just closed the library. Four of us were winding down from a busy day when Celeste Roach, Electronic Resources Librarian, said "I hear water running!" Water was indeed gushing out of the ceiling in Stack 1 of the library. John Saylor, Director of the Engineering Library, called Cornell Police to report that we had a serious building emergency and then contacted John Dean, Director, Cornell University Library

Preservation & Conservation, for assistance. We received a prompt response from the Cornell Building Facilities staff, who located the problem and shut the water off. When the plumber arrived, he remarked that they knew they had a problem because the water pressure had dropped all over campus. A valve had failed because of the extreme cold and a pipe burst. The custodial staff braved the below zero weather and brought their water vacuum cleaners from other buildings to clean up.

During the "running water" stage we covered ranges of book shelves on stacks 1, 2, and 3 with sheets of plastic from our Emergency Supplies Box, and then moved volumes from the shelves to desks further away from the running water. John Dean and Peter Verheyen, Book Conservator, began to bring out the wettest volumes as soon as the plumber got the water shut off. We had spread newspapers on the large tables in the Reference reading room and the wet volumes were taken there to be sorted and treated by the five other Conservation staff members who responded to the emergency call and returned to campus to help. The volumes were interleaved with paper towels to help wick out the moisture, and fans were set up to keep the air moving gently to permit slow evaporation.

About 450 pieces got wet, but as a result of the speedy response and expert handling by the Conservation staff, only six unbound journal issues sustained severe damage. A few volumes are still drying, but we were able to be open for business when classes began on January 24th. The Cornell University Library's Disaster Response Plan worked!

In case you were wondering how the Disaster Response Plan works, the Cornell University Library has procedures for medical, building and property, and security and personal safety emergencies, which are disseminated in the form of a Safety and Security Manual. The focus of this manual is twofold: Prevention and Preparation. A subsection, the Disaster Response Plan, outlines the procedures library staff should follow when an event, such as the above-mentioned Engineering Library flood, occurs.

Part of this came about in 1989/90, when the Cornell University Library Conservation Department administered a New York State Coordinated Preservation Grant to develop a Regional Emergency Mutual Response Team for the central region of the state. The members include Binghamton University, Cornell University, University of

Rochester, and Syracuse University. Under this grant the Cornell Library purchased and installed a freezer for the storage of water-damaged materials. Supplies useful for dealing with a major disaster were purchased for each of the participating institutions, and Cornell hosted a two-day disaster simulation program.

Each library at Cornell has a Disaster Liaison and an Emergency Supplies Box, and training sessions have been held. The Disaster Response Plan was prepared by the Disaster Subcommittee of the Security and Library Safety Working Group of the Public Services Executive Committee, Cornell University Library. Contact either John Saylor (jms1@cornell.edu) or myself (Mary Patterson, Associate Reference Librarian, Engineering Library, Cornell University, mep4@cornell.edu, telephone: (607) 255-3925, fax: (607) 255-9606) if you want further information about the Safety and Security Manual or the Disaster Response Plan.

People & Places

Three ELD members presented papers at the 1992 SAE International Congress and Exposition early this March. The session, entitled "The Information Edge: Resources for Competing Globally," covered a wide range of information-related topics. University of Notre Dame Engineering Librarian Sheila Curl's paper, "A Tour of the Internet: The Information Superhighway," addressed the fast-changing Internet story. Charlotte Erdmann, Purdue University, spoke on "Navigating the Government Maze: A Guide to Federal Information," a subject of special relevance to the automotive industry. Bob Schwarzwald, University of Michigan, covered collaborative possibilities in his presentation, "Locating Technology Transfer Opportunities." Other speakers included Jim Berardone, manager of SAE's Electronic Publishing Department, and Marydee Ojala, Information Consultant and President of Marydee Ojala & Associates.

Beth Brin, Science-Engineering Librarian, University of Arizona, gave two presentations at the Arizona State Library Annual Conference, December 2-3, 1994. "Designing a Training Program for a Dynamic Online Library System," a contributed paper presented with two colleagues, covered the staff training program for the UA Library's online system, SABIO, and the use of the developed scripts for training in other settings. "Rodents and Comic Book Characters: Navigating the Internet with GOPHER, Veronica, and ARCHIE," presented with

a colleague, included a description of the named tools, as well as online demonstrations.

Vladimir Borovansky, Noble Science & Engineering Library, Arizona State University, was in an automobile accident at the end of December. He broke a number of bones and had to spend a week in the hospital. Two other people were injured in the accident but not seriously. Vladimir is back at work and reports that he expects to be able to resume running soon.

Christy Hightower is pleased to announce that Hewlett-Packard has awarded the University of California at San Diego a grant of equipment valued at \$181,437 to be used to equip the Science & Engineering Library with a state-of-the-art Electronic Information Center. The equipment, awarded through HP's University Grants Program, consists of an HP Apollo 9000 Series 700 Model 735 configured as a server, twenty HP ENVIZEX high performance multimedia X terminals for student use, and two networked postscript printers (an HP Laserjet 4 Si MX, and an HP 1200C/PS color printer). The focus of the Center will be to teach engineering students the skills they need to take full advantage of the multiplicity of electronic information sources now available to them both locally and via the Internet. Among other things, the Center plans to use the hypertext features of NCSA's Mosaic to integrate Internet use into students' academic course assignments. Many individuals contributed to the success of the grant proposal, in particular, Founding Dean of Engineering, Lea Rudee, Director of Engineering Computing, Greg Hidley, and Professors Kenneth Vecchio and Rik Belew.

Edward Wladas, Santa Clara University, has been appointed Engineering Librarian at Princeton University effective July 1, 1994. In this capacity, he will oversee all aspects of the administration and operation of the Engineering Library.

Tom DePetro, Wichita State University, is currently in his third year of presenting a one and a half-hour training session to students and others on how to search the DIALOG OnDisc CD-ROM version of COMPENDEX*PLUS. The session is offered three or four times each semester and teaches both menu and command searching techniques with the best method being "combined searching" using both. The sessions are presented in the library's classroom with a screen projection of the PC screen. They conclude at the CD-ROM workstation with an orientation to it. Tom will be presenting a poster

session in Edmonton on planning, designing, and implementing such a BI program.

John Forsys, Engineering Librarian at the University of Iowa, has developed four- to six-page user handouts for the following CD-ROM products: Computer Select, Environmental Periodicals Bibliography, IC/Discrete Parameter Database, INSPEC, Science Citation Index, U.S. PatentSearch, Vendor Master Directory & Vendor Catalogs, and Worldwide Standards Index. If you would like to receive a copy of any of these, contact John at the Engineering Library, Room 2100, Engineering Building, University of Iowa, Iowa City, Iowa 52242, or on e-mail at john-forsys@uiowa.edu.

Dennis Norlin, South Dakota School of Mines and Technology, is pleased to announce the appointment of Coleen Coble as User Services Librarian. Coleen will provide database searching support for SDSM&T faculty and students and for area businesses and industries. SDSM&T's Devereaux Library has agreed to become a Patent and Trademark Depository Library, the first PTDL in the state of South Dakota. PTDL status will enable the library to provide full-service patent searching and support and will supplement the library's growing Depository Library collection (currently more than 55% of all GPO documents).

Request for Help:

What Place Should the Internet Have in a Textbook Purporting to Help Engineers and Engineering Students Make Effective Use of Index and Abstract Journals?

Since I retired in June 1992, I have been thinking/planning/trying to write a textbook that would help engineers and engineering students, especially R & D engineers and thesis candidates, identify and effectively use indexes and abstracts to locate the information they need. Indexes and abstracts must, in my opinion, be considered in their three major formats, namely, paper, CD-ROM, and online databases. The three formats are generally not equivalent in time or information coverage; all three must be used to some extent. At the same time, the mix of usage between the three formats will necessarily differ among users due to their particular time, money, and accessibility constraints.

This project is an outgrowth of a one-credit course and text (collection of hand-outs) I developed and taught for

about eight years. I would be very grateful for your comments and suggestions concerning the possible place of the Internet in this planned textbook.

Hugh Franklin
7018 12th Avenue NE
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telephone: (206) 525-3560
(best time to call is 6 to 7 a.m. PST)

ELD Directory Updates and Corrections

The following information updates and cumulates changes and corrections to the 1993/94 ELD Membership Directory.

ADDITIONS:

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Send any additional corrections to the ELD Membership Directory to: **Jim Van Fleet**, ELD Membership Directory Editor, Bertrand Library, Bucknell University, Lewisburg, PA 17837, telephone: (717) 524-3235, e-mail: vanfleet@jade.bucknell.edu.

Job Opportunities

Head, Engineering Library, Pittsburgh

The University Library System, University of Pittsburgh, is seeking a highly-motivated individual to be responsible for the operation and maintenance of the Bevier Engineering Library including development of the collections and the provision of library services in this area. Responsibilities include planning and administering budgets, supervising staff (1 F/T professional, 3 F/T support staff) and participating in University and professional activities. Reports to the Head, Science Libraries Cluster.

Qualifications: ALA-accredited MLS (or recognized equivalent) required as well as excellent oral and written communication skills. Experience in a science library or management of a library and an educational background in the sciences preferred.

Salary: Rank and salary commensurate with experience and qualifications. Minimum \$35,000.

Submit letter of application and current resume with names of three references to: William Gentz, Personnel Librarian, 271 Hillman Library, University of Pittsburgh, Pittsburgh, PA 15260. Applications received by May 30, 1994, will receive first consideration.

Reference Librarian, Texas A&M University-Corpus Christi, Texas

Texas A&M University-Corpus Christi seeks a reference librarian to help provide reference service, BI, collection development, and online/CD-ROM searches. Applicant can expect to work one night a week and one weekend a month. Position duties will rotate through additional responsibilities such as ILL, map collection, etc. Professional librarians at TAMU-CC have academic status. TAMU-CC will admit freshmen for the first time and become a four-year university in the Fall of 1994. Currently it serves over 4,000 students, 34% of whom are Hispanic.

Qualifications: MLS or equivalent from an ALA-accredited program. Experience with online database searching, including DIALOG. Experience with and interest in serving Hispanic population. Academic background in Mexican American/Hispanic literature preferred. Background in American/English literature and BI experience desirable.

Benefits: Salary \$25,000 for a 12-month appointment. Benefits include a percentage payment of employee's Social Security, choice of retirement and medical programs, no state or local income taxes. State vacation, holiday package.

Position open immediately. Committee will begin screening applicants March 1st and continue until position is filled. Send letter of application addressing qualifications with resume and names of references to: Thomas H. Kreneck, Interim Director, Library, TAMU-CC, 6300 Ocean Drive, Corpus Christi, TX 78412.

Director of Libraries, Rensselaer, New York

Rensselaer Polytechnic Institute invites applications and nominations for the position of Director of Libraries. The Director of Libraries reports to the Dean of Computing & Information Technology and is responsible for providing overall leadership for library-related activities. The Rensselaer Libraries emphasize the innovative use of electronic information technologies and are committed to providing high quality information access and information instruction to the campus community. The Director of Libraries is also a member of the Computing & Information Technology management team along with the Directors of Information Technology Services and Administrative Information Services. RPI is a private technological university founded in 1824 and located in the Capital District area of upstate New York. It has an enrollment of 4,200 undergraduates and 2,200 graduate students in 46 academic curricula and is organized into five Schools: Engineering, Science, Management, Architecture, and Humanities and Social Sciences. The Libraries currently have an annual budget of more than \$3M and a staff of 46 FTE, including 12 librarians.

Qualifications: The successful candidate should have extensive experience with emerging information technologies and automated library systems, a demonstrated ability to articulate a clear vision for the future role of libraries in the rapidly developing Information Age, and a demonstrated ability for fund-raising. An ALA-accredited MLS, at least five years of administrative experience in an academic or special library, demonstrated professional and scholarly activity, and a commitment to excellence in scholarship and research are required. Strong interpersonal and communication skills and demonstrated ability to lead and manage change are extremely important.

Salary: Salary will be competitive, dependent upon experience and qualifications.

The Search Committee will begin reviewing applications and nominations March 1st and continue until the position is filled. Applications should include a full resume and at least five references. A starting date of July 1st is preferred. Please address communications to William C. Jennings, Dean of Computing & Information Technology, CII40II, Rensselaer Polytechnic Institute, Troy, NY 12150.

Library Director, Montana Tech

Applications are invited for the position of Library Director with appointment anticipated in the summer of 1994. The Library Director reports to the Academic Vice President and is responsible for the administration, planning, and leadership of the library. This is an academic, tenure-track position. Montana Tech is a unit of the Montana University System specializing in science and minerals engineering and has a rapidly growing research and graduate program with emphasis in mine waste technology. Tech has a student body of 2,000 and the library holds over 200,000 volumes.

Qualifications: The successful candidate must have professional qualifications demonstrated in part by holding an ALA-accredited MLS. Progressively responsible experience in library management, supervision, and a commitment to scholarly excellence and innovative problem-solving are also necessary.

Salary: Salary will depend on experience and qualifications.

A letter of application, resume, and the names of three references should be sent to: Vice President for Academic Affairs, Montana Tech, 1300 West Park Street, Butte, MT 59701-8997. Further information about the position can be obtained from Dr. Henry McClernan, Chair, Search Committee, (406) 496-4113. Applicant screening will begin April 4th and will continue until the position is filled.

Library Director, Oregon Graduate Institute of Science and Technology (OGI)

OGI seeks to hire a Director of Library Services. OGI is an independent, private graduate university located in the Portland, Oregon, metropolitan area. It specializes in the sciences and engineering and offers M.S. and Ph.D. degrees. The library is small but highly focused with a staff of six and a budget of approximately \$500,000 including about \$300,000 for materials. The library will

soon install an automated library system, and a new building is planned within the next five years.

Qualifications: MLS degree with experience in science and engineering library administration. The candidate should also possess: excellent communication and interpersonal skills; strong service orientation; significant professional involvement; substantial knowledge of and experience with automated library systems and information technologies; and an understanding of the role of information resources in a graduate technological institution. Academic background in the sciences or engineering and strong online search skills preferred; fund-raising experience desirable.

Appointment will begin July 1st. Send letter of application, resume, and names, addresses, and telephone numbers of at least three references to: Personnel Department, Oregon Graduate Institute, PO Box 91000, Portland OR 97291-1000.

Technical Resources Librarian, Georgia Institute of Technology, Library and Information Center

Provide reference, information services and analysis to students, faculty, staff, and off-campus clients for technical reports, patents and trademarks, standards and specifications, vendor catalogs and other collections of microforms as well as current periodicals. Provide liaison and collection development services in assigned areas.

Qualifications: ALA-accredited MLS, two years reference experience in an academic or special library, effective oral and written communication skills, and online searching and microcomputer skills required. A science or engineering degree and experience with technical reports, patents, standards and microforms desirable.

Benefits: 21 days of vacation per year; 12 observed holidays, group health and life insurance plans. TIAA/CREF or state retirement plans. Librarians have faculty status, a non-tenured track. Salary and rank are dependent on qualifications and experience.

For consideration, send resume with salary history and the names and addresses of three references to: Becky Turner, Personnel Librarian, Library and Information Center, Georgia Institute of Technology, Atlanta, GA 30332-0900. Review of applications will begin April 4th and continue until position is filled.

**ELD Newsletter Editor
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