

# Engineering Libraries

# Division Newsletter



American Society for Engineering Education

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## Message from the Chair

I had the great displeasure of seeing one of those ads casting a negative light on librarians the other night. A matronly librarian was being questioned about how quiet the new car model was. Not only was this offensive, it was promoting a competitor's vehicle! (Bob works for Ford -Ed.) This is a time of great challenge and opportunity for our profession. Despite the negative stereotypes of the profession as being introverted and obsessive, we are at the cutting edge of the information revolution that has seized the imagination of the industrialized world. The only problem is that as we innovate, we also have to contend with the problem of trying to do more with dwindling resources. Librarians sit and wonder how they will be able to bring the benefits of the Internet to their customers as they struggle to contend with the day to day rigors of their jobs.

We are in a time of fundamental change; a time that requires us to take bold steps to insure the future of the profession. Old dogma concerning the nature of collections needs to give way to innovative ideas on providing access to information upon demand. Libraries need to see themselves as components of a broader information coalition rather than parts of monolithic bibliographic bureaucracies. Dewey's view of the mission of libraries: to collect, organize and disseminate information, remains as valid today as it was in his time. However, we have become obsessed with

the number of volumes rather than motivated to provide useful information to our clients. Giant libraries carry their aging, brittle collections like shells upon the backs of snails.

But everywhere there is reason for optimism. Each year our meetings bring more stories of partnerships in innovation, of insights into the potential of Internet resources, and of librarians—sober, timid librarians—creating real value with information technologies. This is an exciting and important time to be a librarian. The field is changing and we all need the insights and creativity of our peers in finding new models for a very old profession. It is not an accident that interest in our group, and membership, has been increasing.

See MESSAGE, p.2

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### Inside This Issue

Preview of ASEE '96.....	2-4
Newsletter Goes to Eire.....	4
Bernhardt Award.....	4
Calls for Participation and Nomination.....	5
People and Places.....	5-6
IATUL in Irvine.....	6
New Literature Guide.....	6
ELD Officers and Committees.....	7

## ELD Newsletter Dates

Materials due	Issue
Feb. 5, 1996	March 1996
April 1, 1996	May 1996

Message continued from p. 1

ELD fills a role that other groups, such as ALA or SLA, do not. We address the specific needs of engineering librarianship and offer pragmatic solutions to real world problems faced by its practitioners. More than that, however, we have helped forge a link between librarians and the engineering community. For several years we have been successful in creating publications and conference sessions that have captured the attention of ASEE. I am extremely pleased that our program chair, Andy Stewart, has been able to win a mini-plenary position for our division at the annual meeting in June. (See program description in next article.) These are extremely coveted slots and this marks our first mini-plenary after several years of competing for one! Good going, Andy!

We have done well in creating respect for librarians and librarianship. We have done well in sharing "lessons learned" with our colleagues. We have done well in anticipating the future and in helping to shape it. But we must do more. As a division, how can we be most valuable to our members and our profession? Rather than complaining about our problems, let's shatter those old stereotypes by coming up with some aggressive new solutions. Who knows, in a few years, the TV ads may feature a librarian demonstrating the speed and agility of a new vehicle by roaring past a Ferrari!

**Bob Schwarzwald**  
Chair, Engineering Libraries Division  
Ford Motor Company

## ASEE 1996 – "Capitol" Gains in Engineering Education

The ASEE Annual Conference, scheduled for June 23-26, 1996, in Washington, D.C., is a vital, inspirational mix of formal technical sessions, organized social activities, informal get-togethers, and opportunities for discussing, finding, and sharing solutions to common problems facing engineering librarians. Shared interests and individual perspectives are the catalyst for new members and long-time members to discuss, learn, and have fun together.

No other professional organization has such a distinct focus on engineering librarianship. On top of that, you won't find a more congenial group of colleagues anywhere! You will feel welcome even if this is your first ASEE conference as an ELD member.

A noteworthy difference from previous programs is that there is no longer a separate session on the Internet--rather, that particular thread runs through many of the ELD sessions described below.

### HTML/WWW Home Page Workshop Sunday, June 23

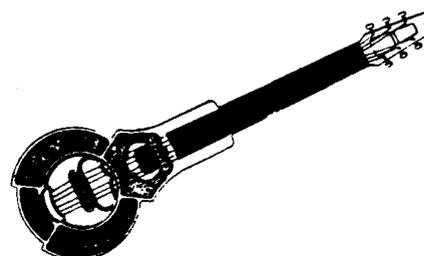
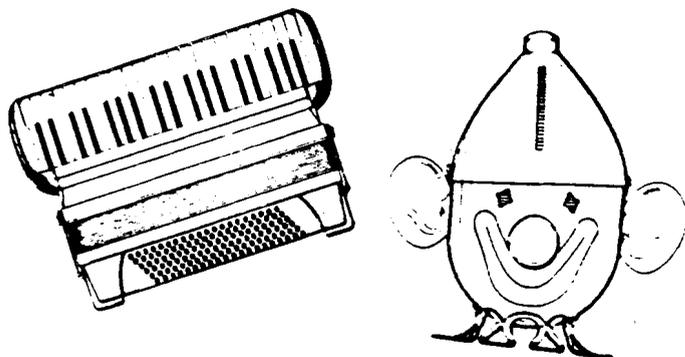
Presenters: Jill Powell and John Saylor  
Jill and John have an in-library course they are adapting to this purpose. An outline may be found on their library home page. This fee-based workshop is intended for engineering faculty members, rather than ELD members. Enrollment will be limited.

### ASEE Society-Wide Picnic Sunday, June 23

Watch for more details regarding ELD's role in this event in the next newsletter.

### ELD Get Acquainted Session Monday June 24, 8:30 -10:15 a.m. Moderator: Kate Thomes

Each ELD member introduces herself or himself and briefly describes recent major local events and issues in a round-robin format. This first technical session can be a valuable beginning for one-to-one networking throughout the conference.



### ELD Poster Session

Monday June 24, 2:30 - 4:00 p.m.

Moderator: Kevin Lindstrom

Various ELD members develop displays and answer questions in an informal setting. Take in the ASEE "Focus on Exhibits" as well during this time slot.

### Digital Libraries and What's Next

Tuesday June 25, 8:30-10:15 a.m.

Moderator: Cecilia Mullen

Will your campus finally reach the goal of organized access to digital data only to find that one more medium is becoming standardized? If your campus didn't digitize its information resources, should you just wait until the dust settles? Experts share how to plan for the library of 2010.

### Patent Information in a Changing World

Tuesday June 25, 10:30 a.m.-12:00 noon

Moderator: Christina-Byrne

What's up with GATT? What will happen if the U.S. Patent and Trademark Office becomes a government corporation? How do recent changes in the patent laws affect patent practice as well as the interests of engineers and inventors? How will increasing demands for access to patent data and expanding electronic resources impact the dissemination and use of patent information? These are some of the questions that will be explored in this session, which will include representatives from the U.S. PTO.

### Finding Funding Sources

Tuesday June 25, 2:30-4:00 p.m.

Co-sponsored by the Engineering Research Council of ASEE and ELD, this session will include ELD member Wendy Culotta as one of three panelists. Look for an emphasis on WWW sources. It is another part of our division's efforts to build more and better bridges with other interest groups in ASEE.

### ELD Annual Business Meeting

Tuesday June 25, 4:15-6:00 p.m.

Chair: Bob Schwarzwald

Democracy, at its finest, in action! Spirited discussion of ELD And ASEE-wide organizational issues. Free-wheeling, friendly, and never boring.

### ELD Annual Banquet

Tuesday June 25, 6:30 p.m.

Host: Andy Stewart

The zenith of social activity for the ELD year! Sparkling conversation, elegant dining, and more than a soupcon

of frivolity, the dinner provides another excellent opportunity for talking with (and listening to!!) ELD colleagues.

### "How Does Electronic Publishing Affect Me?"

ASEE Mini Plenary Session

Wednesday June 26, 10:30 a.m.-12 noon

Moderator: John Saylor

Three panelists will address the dramatic changes electronic publishing is bringing to the traditional triangle of publishers, libraries, and faculty members/other library users. Jay Lucker, the recently retired director of the MIT libraries, will explore effects of electronic publishing on tenure. Electronic publishers will also be represented.

The primary motivation for this session is to "reach out" to the typical engineering faculty member who may have only a rudimentary awareness of the widespread impact electronic publishing is having on academe.

Note: This is the first ELD-sponsored mini-plenary session in several years, so please promote it to faculty from your institution who will be attending.

### Focus on Engineering Library Users

Wednesday June 26, 2:30-4:00 p.m.

Moderator: To be announced

ELD members have prepared formal presentations of the results of recent projects with an emphasis on library users. Known presenters: New member Gad Engler, Louisiana State, who will discuss a major, ongoing serials analysis project; Tom Volkening, Michigan State who will describe an ongoing project to assist smaller manufacturers through the use of a WWW database.

Plan to attend

# 1996 CIEC

## ASEE

### College Industry Education Conference

## January 25-29

### San Jose, California

for information contact:

Ken Gowdy (913) 532-5590

kgowdy@ksuvm.ksu.edu

## ELD Wrap-Up Session

Moderator: To be announced

An insightful discussion leader will assist the group in wrapping up (some of the) loose ends. This can be valuable as you consider what information from the conference you want to take home with you.

Summarizing the conference details:

ASEE Annual Conference

Washington, D.C.

Sheraton Washington Hotel (all technical sessions under one roof)

June 23 (Sunday) - June 26 (Wednesday)

Registration material appears in the February issue of *Prism*.

Campus housing will be available -- Be sure to register early if you are interested.

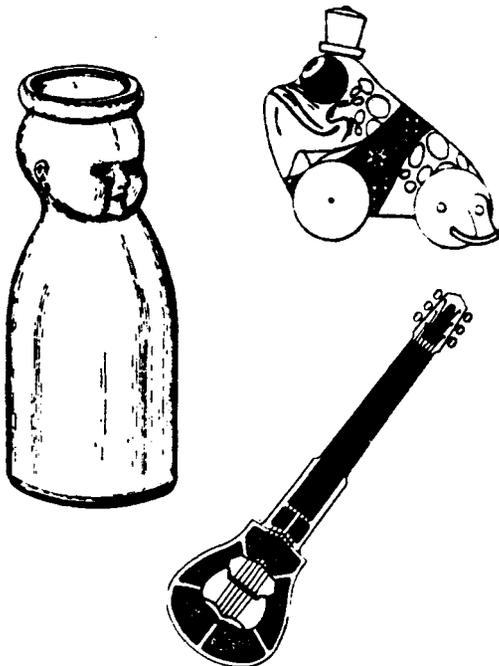
Finally, I sincerely hope that you will find lots of thought-provoking material in the program list. Your session moderators and I have been planning and working hard to insure a high-quality, interesting, and useful array of programs.

I've tried, but I just can't resist. I believe you will find that attending ASEE 1996 is a "capitol" ideal! Plan now to attend!

**Andy Stewart**

1996 ELD Program Chair

University of Missouri-Rolla



## Newsletter Goes to Eire

A few of you more schedule-conscious types may have noticed that the submission dates for the next two newsletters, March and May 1996, have been bumped up. This is to allow extra time for your editor to produce the news -- from Dublin (Ireland -- not Ohio!)

I will be on sabbatical at Trinity College for six months beginning in January. My projects will include instructional/outreach endeavors and Web pages with Trinity librarians. I will also be pursuing some research, and hope to fit in a bit of travel as well, particularly to other Irish and U.K. libraries.

I do not yet have an address on the le-net, so please go ahead and use my hal address for now. If anyone is interested in helping with domestic production (i.e. printing and mailing) of the newsletter, do let me know!

**Dena Thomas**, Newsletter Editor

University of New Mexico

dthomas@hal.unm.edu

## Bernhardt Distinguished Service Award

One of the satisfactions of any profession is applauding outstanding advances in that endeavor. The Homer Bernhardt Distinguished Service Award is ELD's opportunity to do just that. The award recognizes significant contributions to engineering information and libraries. Clifford Lynch, 1995 recipient, is responsible for the word MELVYL being more than a possible spelling of Mr. Dewey's first name. If you want to know how pleased we were at his acceptance of the award, check the ELD Web page (<http://www.engin.umich.edu/facility/library/ASEE/ELD.html>) or the November issue of *Prism*.

Any ASEE member can nominate a candidate regardless of that candidate's ASEE membership. The nomination must include the following: the candidate's name, present position, institution address, telephone number, a rationale for nomination, not to exceed 250 words on why the candidate is being nominated for the award, and a citation not to exceed 100 words, stating the major accomplishments for which this award is being made.

This information must be sent to ASEE headquarters to meet the deadline of January 15, 1996. The information will be forwarded to the ELD Awards committee which will make a decision by March 1. The award will be presented at an ASEE event at the annual conference. The award takes the form of a plaque, a citation, lunch for the recipient and a guest at the official award event, and other celebratory activities within the division.

**Paige Gibbs**, Awards Committee Chair  
UMass Dartmouth  
pgibbs@umassd.edu

## Call for Poster Session Participants

Interested in participating in the ASEE ELD poster session?

The poster session is an excellent opportunity to present new library developments and projects to a wide range of engineering librarians and engineering professionals. If you have an idea for a presentation, please send me a note as soon as possible.

**Kevin Lindstrom**  
(604) 822-4363 voice  
(604) 822-9532 fax  
lindstro@unixg.ubc.ca

## Call for Nominations

The Nominating Committee welcomes suggestions for the positions of Secretary/Treasurer and for Director. For information or to make a suggestion, contact any of the members: Christy Hightower, Ann Ward, or Steve Gass, Chair.

## Literature Guide Subcommittee

The Subcommittee on Literature Guides is looking for new members. This is a great way to get involved in ASEE/ELD! Subcommittee members are expected to engage in the following activities: Agree to review at least one literature guide a year (most important and most rewarding activity), suggest topics to be covered by new guides, help recruit compilers, and make suggestions regarding all aspects of the production of the guides. For 1996, we expect the following new

guides to be completed--Aerospace Engineering, Applied Optics, Computer Graphics, Electrical Engineering, Environmental Engineering, Metallurgical Engineering, Nuclear Engineering, and Transportation Engineering. If your interest is piqued, please contact us immediately: Godlind Johnson, gjohnson@ccmail.sunysb.edu or Sheila Curl, scurl@Irishvma.bitnet.

## New Member Bio

Janice Gaines is the Director of Education Services at SPIE--the International Society for Optical Engineering. She also serves as a member of the staff Senior Management Team, the project manager of SPIE's Annual International Symposium on Optical Science, Engineering, and Instrumentation, and as the principal investigator of the Technology Reinvestment Project. This \$4 M grant, funded through ARPA, supports an alliance of educational institutions and industry partnerships delivering educational programs that target incorporating optics in manufacturing for improved processes and national commercialization. In her 10 years at SPIE, Janice has served in multiple positions--Manager of Technical Programs & Education and Assistant to the Technical Director, among them. Janice received both her B.A. in Art History and M.Ed. in Adult Education Administration from Western Washington University.

**Deborah Kegel**, Membership Committee

## People and Places

During the spring term of 1996 **Kate Thomes** will serve as the librarian on board the SS Universe as it sails around the world for the University of Pittsburgh's program, Semester at Sea. Kate tells us: "There will be around 500 undergraduates and 30 faculty from around the country working their way through a full 12-15 credit curriculum of courses prepared for the voyage. Classes deal with the history, politics, sociology, art, and religion of the various countries we will visit as well as courses on biology and astronomy. We stop in nine ports traveling from South America to Africa and Asia in 3.5 months and spend 3-5 days in each port. When the students get back on ship they study, write papers and do projects related to their experiences in each country. The library has about 11,000 volumes in the circulating collection and a reserve collection of around 400 items to support their studies."

"I am very excited about this opportunity that will not only take me to countries all around the world but will drop me briefly into a general undergraduate reference library environment. Culture shock ahead!"

"I can think of no better way to get reacquainted with engineering librarianship than to attend the annual conference next June in D.C. I will be hosting the Get Acquainted session and look forward to seeing old friends and meeting new ones and hearing about what happened while I was afloat. Hope to see you then."

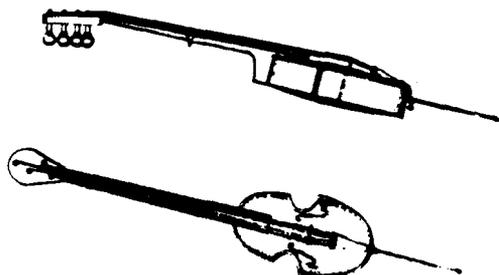
**Kate Thomas**

Head, Bevier Engineering Library  
University of Pittsburgh  
kthomes+@pitt.edu

**Beth Brin** has made a switch from Science-Engineering Librarian at the University of Arizona to Reference/Bibliographic Instruction Librarian at Boise State University, Idaho. She began her new job on November 13. The bibliographic instruction duties will include exploring possibilities for service to off-campus programs/distance learning students. Also included will be collection development for selected departments. The departments are not yet assigned, but since the State Board has just approved three undergraduate programs in Civil, Mechanical and Electrical Engineering, it's a good bet that engineering departments will be among her assignments!

Address:  
Boise State University  
Albertsons Library  
1910 University Dr.  
Boise, ID 83725  
bbrin@bsu.idsu

**Johann van Reenen** has accepted the position of Director of the Centennial Science and Engineering Library at the University of New Mexico. Johann is currently head of the University of British Columbia Life Sciences Libraries. He is looking forward to a change in scenery, and will begin work at UNM on February 1, 1996.



## IATUL in Irvine

The International Association of the Technological University Libraries will meet in Irvine, Ca., USA, on June 24-28, 1996. The conference theme is "Networks, Networking, and Implications for Digital Libraries." Conference papers, small group discussion leaders, and poster sessions on the following topics are invited by Dec. 1: Networked Technologies, Social Networks and Professional Responsibility, Digital Library Developments and Experiences, Interactive Learning and Multimedia, Libraries and Academic Liaison, Networks of Libraries: Scholarly Communication and the Commercial Marketplace, and the Internet--Distance Education and New Communication Networks.

For more information please contact:

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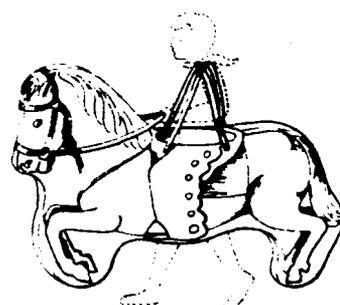
## New Literature Guide

Information about the newest literature guide, *Civil Engineering* will be out soon! Watch ELDNET-L for an announcement or e-mail Beth Brin for more information.

**Beth Brin**, Publications Chair

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179,653  
**INFLATABLE TOY HORSE**  
Sol Passell, Youngstown, Ohio  
Application March 14, 1955, Serial No. 35,010  
Term of patent 3½ years  
(Cl. D34—15)



## **ELD Officers and Committees 1995-1996**

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Kate Herzog, Deborah Kegel,  
Kate Thomas.

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Charlotte Erdmann

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Osorio, Ron Rodrigues, Nancy  
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### Union List of Technical Reports, Standards, and Patents in Engineering Libraries

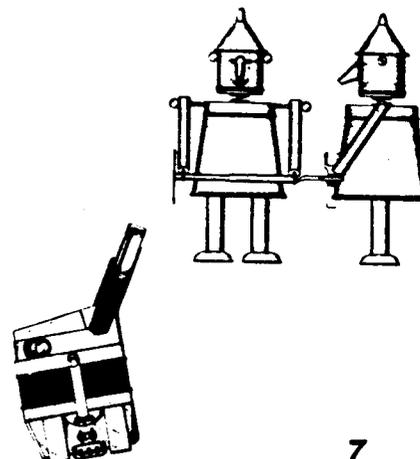
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