



American Society for Engineering Education

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Message From The Chair

Changes have been taking place this past year at ASEE Headquarters. **Dr. Frank Huband**, Executive Director of ASEE, who took that position in November 1990, has restructured the ASEE's staff organization. According to **Cathy Hernandez**, Manager of Membership Services, there is optimism in the office about the effectiveness of the changes and positive effects are taking shape. **Cathy** has a new microcomputer on her desk and can provide instantaneous information about membership records. In fact, errors in your membership record can be corrected with a phone call to Cathy. New quarterly membership rosters for our Division are now possible. **Christy Hightower**, our ELD Division Newsletter editor, can now get four sets of mailing labels per year at no charge.

The New Orleans Conference is behind us. It lived up to our expectations with an exchange of ideas that was as varied and spicy as the resident cuisine. It also saw the inception of the ELDNET-L electronic mail discussion forum, developed by **Mel DeSart**, who now occupies a new publications committee position, Listserve Editor. **Palge GIbbs** is looking forward now to planning a new conference under different circumstances: The Fall planning meeting was eliminated by ASEE because of budget limitations.

Those of you who attended ASEE's 1991 Annual Conference received a pre-publication issue of ASEE's new professional journal ASEE Prism. Publication of the familiar Engineering Education and the newspaper Engineering Education News has been suspended. The premier issue of ASEE Prism will be mailed to you in September. It will be published ten times per year, September through June. The former directory issues of Engineering Education (Undergraduate, Graduate, and Membership) will be replaced by separate directories which will be packaged and mailed with three mailings of ASEE Prism. In Spring of 1992, we will see a rebirth of Engineering Education in the form of a refereed scholarly journal.

Speaking of refereed scholarship, this past year saw the first test of the ELD's review procedures for scholarly papers that are presented at sessions at the Annual Conferences and which the authors wish to publish in the ASEE Conference Proceedings. Many special thanks to Dorothy Byers for developing the ELD's review procedures, as well as to Publications Committee Chair, Tom Conkling, and his anonymous reviewers, for successfully and efficiently executing the process. The ELD's sessions have usually been characterized by a less formal style, which generally is our preference because it allows members to prepare presentations more easily and make them in an environment of free interchange and discussion. This new practice provides an excellent means of publication for those among us who might prefer research and scholarly expression. It also is an avenue within our own area of specialization for refereed publication credit for purposes of retention, tenure, and promotion. (Not to be cynical, but publication requirements are a fact of life for some of us.)

Now that my tenure as Program Chair is over, I want to say I had a great time doing it and want to express warmly my own appreciation and that of the membership for the work See MESSAGE, page 2

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and service given to ELD during the 1990-1991 year by the following people: Division Chair, Vladimir Borovansky; Secretary-Treasurer, Paige Gibbs; Directors Billie Joy Reinhart and Robert Schwarzwalder; Immediate Past Chair, Dorothy Byers; Archivist, Don Richardson; and to the committee Chairs: Accreditation, Karen Andrews; Awards, Ann Montgomery Smith; Membership, Glee WIIIIs; Nominating, Dorothy Byers; Standards, Steve Gass; Publications, Tom Conkling; Publications Subcommittees: Literature Guides, Katie Clark; Membership Directory, Edward Wladas; Newsletter Editor, Christy Hightower; and Union List of Technical Reports, etc., Jim Ruffner. Thanks are due to Jim Fries, too, who is Secretary to our ASEE Professional Interest Council, PIC IV. Also, the moderators of the ELD sessions at the New Orleans Conference deserve special mention for their hard work soliciting speakers and planning their sessions: Larry Clemens, Jim Fries, Cecilia Mullen, Dorothy Byers, Linda Musser, Tom Conkling, and Edward Wladas. In our bylaws, after the name of the division, there is the article on objectives where the first sentence reads; "To initiate, support, and promote the exchange of information in engineering through leadership within ASEE and cooperation among librarians, information specialists, educators, researchers, practicing engineers, and professional organizations." All the people above and many unnamed committee members and presenters have helped carry forward this important and worthy goal. That is what our organization, our publications, and our meetings at the conferences are all about. Thank you everyone!

- Jay Waddell, Kennedy Library, California State Polytechnic University, San Luis Obispo

It Took A While To Get Out Of The Gate But...

ELDNET-L is up and running! ELDNET-L is an Engineering Libraries Division sponsored computer network (e-mail list), similar to PACS-L or LIBREF-L, set up to address all issues of interest to engineering and related subject area librarians. All ELD members for whom e-mail addresses were known have been added to ELDNET-L. If you are not currently on ELDNET-L, please sign up. To add yourself to the list, simply send an e-mail note to LISTSERV@UIUCVMD with the message SUBSCRIBE ELDNET-L followed by your name, first and last. You will receive a note from the listserv containing basic instructions for using e-mail lists and notifying you of your successful addition to ELDNET-L followed by a note from me that presents an overview of ELDNET-L plus a selected commands summary. Subscription to ELDNET-L is open, so non-ELD members may subscribe as well. The list is edited/moderated, so all messages to the list are received by me first and forwarded to everyone else. This will keep incorrect attempts at subscribing, scrambled or inappropriate messages, etc., from filling your e-mailbox (junk e-mail, e-junk-mail???). While subscription to the list IS open, the list will not (initially) be added to any of the 'lists of lists' currently available. Therefore, feel free to tell colleagues about ELDNET-L, but please refrain from announcing its existence to the 'world'.

ELDNET-L is not a list set up FOR you. YOU ARE ELDNET-L. For the list to thrive and be useful, it must be used. If you have information that you think your colleagues would find useful, a nasty reference question that you can't find an answer for, anything that you think would benefit the list members or anything that the list membership might provide to benefit you, please send the list a note.

As of this date (August 21), ELDNET-L has been up exactly 1 week. We have already added 9 new subscribers to the 62 that I loaded when I brought the list up. Not bad; 71 subscribers at the end of the first week with (hopefully) more to come.

- Mel DeSart, ELDNET-L Editor/moderator

Literature Guides Subcommittee Update

Literature guides can be ordered from ASEE Publications Sales, Suite 200, 11 Dupont Circle, Washington, D.C. 20036. The guides are sold for \$5.00. The following guides are in print and for sale:

Title

Compiler Date

Agricultural Engineering	Cloud, G	1985		
Chemical Engineering	Loomis, R	1986		
Computer Engineering	Bean, M., et.al.	1985		
Computer Science	Loomis, R.	1985		
Engineering Geology	Mullen, C.	1987		
Engineering Management	Brown, J.	1988		
Fire Protection Eng.	Richardson, D	1990		
Mechanical Engineering	Franklin, H.	1985		
Mining Engineering	Erdmann, C.	1985		
Software Review Sources	Bean, M.	1986		
Union List of Technical	Byers, D.	1986		
Reports, Standards, and Patents				

Academic Engineering Library Statistics 1985-1986, edited by Steve Gass and Christy Hightower and compiled by the Standards Committee, is sold for \$12.00, or \$6.00 for those library that participated in the survey.

Literature Guides, con't

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

Automotive Engineering CAD/CAM Ergonomics/Human Factors Engineering Hydraulic Engineering Metallurgical Engineering Metrification Safety Engineering Solar Thermal Engineering Statics and Applied Mechanics

If you interested in compiling a guide, please contact Katie Clark at 814/865-3708 or kec@psulias.bitnet.

Bob Schwarzwalder has agreed to co-chair the subcommittee this year! The subcommittee is currently reviewing a guide on *Artificial Intelligence and Expert Systems* compiled by Julia Gelfand and Locke Morrisey at UC Irvine. Steve Gass has completed a guide on *Composite Materials*, which the subcommittee will review next.

- Katle Clark, Literature Guides Subcommittee Chair

Membership Committee Report

We handed out lots of New Member badge ribbons in New Orleans, but as you all know, the people who were asked to sport them include first-time attendees (no matter how long they've been ELD members), so that the ELD oldtimers will know to whom we should extend extra-warm welcomes. Three check-in sheets were completed by (truly) new members, and I'm hoping I'm not overlooking anyone else: **Sheila Curl** (ASU), **Sharon Gause** (U of Colo, Boulder), and **Deborah Kegel** (UCSD).

Those of you who were fortunate enough to make it to New Orleans now know why the membership committee was so excited about our beautiful new ELD badge ribbons, for which we can thank Committee member F. Orion Pozo. Although it may seem as if we are disproportionately focussed on such little things as badge ribbons, we see them as one of our 'sure-fire' techniques for guaranteeing the Division's high visibility within the entire Society. I find it ironic that the Division seems to be the closest it's ever been to "getting its act (100%) together", while our parent Society seems to be crumbling around us. I am also delighted that we now have our very own listserver — not only because it will further facilitate our Division-wide communication, but also because it will be very helpful to the Committee in its recruitment activities. I wish to thank **Cecilia Mullen** and **Elaine Granatstein** (Canadian liaison, 1990/91) for being so helpful as Committee members, and to welcome **Liz Watson** (new Canadian liaison), **Deborah Kegel**, and **Gretchen Sneff**, who are rotating into Cecilia's and Elaine's spots.

As always, we have lots on our "to-do" list, including lots of recruitment work and the responsibility for planning one or two social activities in Toledo. We welcome any and all of your comments, suggestions, and constructive criticisms regarding our membership activities, so please don't hesitate to contact Liz, Deborah, Gretchen, Orlon, or me.

- Glee Willis, Membership Committee Chair.

Free Engineering Index Cumulative Index

If you would like a free copy of the six volume Cumulative Index for Engineering Index covering 1985 – 1987, please contact Steve Gass, Engineering Library, Terman Engineering Center, Stanford University, 94305-4029, (415) 725-1012, cn.sxg@forsythe.stanford.edu. The set is brand new.

More Microfiche Thefts

From the Govdocs-L this notice from Margaret L. Hayes at the University of Wisconsin Madison dated 30 July: UW-Madison Engineering Library has sustained a major theft of its NASA microfiche documents; approximately 35-38,000 items. Please check your local collections. Margaret Hayes, Wendt Engineering Library (MHKFW@WISCMACC.bitnet).

This type of theft seems to be becoming an epidemic!

- Kate Herzog, SUNY Buffalo Science and Engineering Library

People & Places

Congratulations to **Palge Gibbs** of the University of Massachusetts, Dartmouth on her recent promotion to Librarian, and to **Christy Hightower** for her promotion to Associate Librarian at the University of California at San Diego.

Don Richardson and **Helen Shuster** of the Gordon Library at Worcester Polytechnic Institute made a presentation at the 14th Biennial Conference of IATUL, the International Association of Technological University

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Libraries, held in Cambridge, Massachusetts at MIT in July. Their presentation, *The Campus Network — Expanding Library Services*, discussed the efforts during the past two years on the part of the Gordon Library and the Computer Center at WPI to make a number of library services and resources accessible via WPI's campus computer network. Among these are online catalog access, CARL UnCover, WPI journal holdings, new books list, interlibrary loan requests, reserve book requests, and book ordering.

News from Arizona State University Libraries: Sherrie Schmidt was appointed the permanent dean of ASU Libraries in July. ASU also has a new provost, Dr. Milton Glick, who came to them from Iowa State. Vladimir Borovansky (immediate past ELD Chair) will be returning to Prague, Czechoslovakia, next month for about a 12 day stay. He will be making short trips but will not be able to stay the whole semester. He is also waiting to hear whether Fulbright will extend his grant for another three months.

ELD Newsletter is Going Electronic

The ELD Newsletter is entering the electronic age! Starting with the **December 1991** issue, two editions of the newsletter are planned: paper and e-mail. Members can subscribe to either or both editions.

An e-mail edition of the newsletter will improve the timeliness of the delivery of our ELD news, will provide the news in a format some members find more efficient to read and store, and may significantly decrease mailing and photocopying costs for the division.

To subscribe to the e-mail edition of the ELD Newsletter, send an e-mail message to: chightow@ucsd.edu or chightow@ucsd.bitnet that includes the following information:

- 1. Your name
- 2. Your complete e-mail address
- 3. Statement of what you want: e-mail edition ONLY or both e-mail and print editions.

To receive the December 1991 issue on e-mail, I need your e-mail subscription message on or before November 1, 1991. Those e-mail subscription messages arriving after that date will receive later editions of the newsletter on e-mail.

- Christy Hightower, Newsletter Editor

Newsletter Schedule

Please send me contributions for the newsletter whenever you run across *news about appropriate people or places*, or you have a *question* that members might be able to answer, or you have a *committee report* to bring to the member's attention. You don't have to wait for the submission deadlines!

Submission Deadline Issue Published

November	15,	1991	December	1991
February	14,	1992	March	1992
April	17,	1992	May	1992

- Christy Hightower, Newsletter Editor

ENGINEERING LIBRARIES DIVISION Minutes of the Annual Business Meeting June 18, 1991

Division Chairman Vladimir Borovansky called the meeting to order. A motion to approve the minutes of the previous meeting as read was made by K. Herzog and seconded by O. Pozo. The motion carried.

The Treasurer presented a report about the balance in both of the division's accounts. Discussion followed about potential expenditures. J. Waddell moved that: "Committee chairs, editors, and other operatives submit estimates for expenditure to the Chairman, Program Chair and Secretary/Treasurer by August 1." K. Herzog seconded and the motion was carried. J. Waddell further suggested that the Executive Committee develop a procedure for the submission, approval and planning of expenditures. This procedure to be presented to the membership for approval. Approval of the Treasurer's report was made by E. Wladas seconded by J. Waddell. the motion carried.

The Program Chair, J. Waddell, reported on the status of the current conference's program. He announced that the ASEE Directors have made decisions to reduce plenaries and revise proceedings for future conferences. The Division Chairman thanked J. Waddell, on behalf of the membership for his work in preparing the 1991 conference program.

Archivist **D. Richardson** reported that in the past year he has received archive submissions by division members **Kathy Jackson** and **Jay Waddell**. He asked members to submit any gleanings when they are revising their files. **D. Byers** noted that a binder is passed by past chairmen

Business Meeting Minutes, con't

to succeeding chairman and as items are removed from that binder they would be appropriate submissions. S. Gass will send copies of the standards survey to Richardson. The Division chair expressed thanks for the Archivist's efforts and the report.

The Chairman of the Accreditation Committee, Karen Andrews, reported on the committee's activities in persuading ABET to adopt minimal criteria on the skills important to this division, of information gathering and assessment strategy. The ABET accreditation committee has turned aside the ELD committee's recommendation of the adoption of such criteria. Following discussion about what avenues now to follow, K. Andrews moved that the Engineering Libraries Division endorse the recent recommendation by the ELD Accreditation Committee and that this committee resubmit these recommendations to ABET. G.Willis seconded. The motion carried.

The Awards Committee Chair **A.** Smith announced that Edward Posey will receive the second Distinguished Service award to be presented by this division. Smith will be resigning from the committee this year to allow time for other pursuits. She urged ELD members to submit nominations and encourage other ASEE members to submit nominations. A continuous supply of nominations would assure that an award could be made every year.

Membership Chair G. WIIIs reported an increase of 16 in ELD membership for the past year. The members of this committee met at this conference to resolve approaches to some difficulties with ASEE headquarters. WIIIs stated that memberships sponsored by ELD will be immediately registered by the division's membership chair. When a division member sponsors a new member or learns of new member sponsored from outside the division please send the relevant information to the membership chair. The new members will thus avoid a delay in receiving division communications.

Nominations Committee Chair Dorothy Byers prefaced the announcement of the committee's nomination by noting that, by tradition, the chair of the committee is the immediate past chairman. She thanked her committee members M. Arnold and H. Franklin. The nomination for Secretary/Treasurer was Cecila Mullen, and the nomination for Director (1991-93) was Christy Hightower. J. Waddell moved that the Secretary/Treasurer cast one ballot for the slate of candidates submitted by the Nomination committee. The motion was seconded by E.Wladas. The motion carried unanimously.

The chairman of the Standards Committee, **S. Gass**, announced that the new publication of the 1985/86 Standards Survey is available from ASEE Headquarters. He thanked the committee for its work. He projects three areas for attention by the committee: 1. Refining the Standards Survey including determining which data to collect. 2. The development of an approach/formula to classify by size and scope the libraries that participate in the data collection. 3. The development of a checklist/questionnaire to feed into the accreditation process and provide for both better self-evaluation and a broader context for what the resulting statistics are to reflect. The division newsletter will continue to be a feedback and dissemination vehicle for polling the membership as the committee works on these concerns. Within two years an instrument should be ready for testing. There is a need for definition, of combination of, the Standards and Accreditation committees.

Publications chair, **T. Conkling** announced that two guides, one each for *Engineering Standards* and *Fire Protection* are being prepared, and six guides are now being edited. The Union List is still being prepared. ESL wishes to be included in this list.

The Literature Guide subcommittee review process is being revised to allow for two people to review each quide. one to verify the sources, the other to check for scope and accuracy in relation to the topic. Two co-chairs, K. Clark and R. Schwarzwalder, are to take charge of this subcommittee. Lists of topics suggested for new guides will be in the September newsletter. A Job Information Guide for students is a new suggestion. Upgrading the quality of format and price of publications and wider advertising of the guides are being planned for the coming year. Subsequent discussion was about these topics: a longer lead-time for review of proceedings; a revision of reimbursement procedures; the new list server for engineering libraries and its relation to the division; a briefer turn-around development schedule for guides to assure timeliness.

A strong suggestion was made by K. Herzog and seconded by Jay Waddell that a regular column about the literature guides be a regular feature of the division newsletter. The marketing of the guides to appropriate target groups was discussed, including the possibility of the guides' role as course notes.

The newsletter editor, C. Hightower, reported that in the past year the newsletter masthead has been redesigned. Increased costs of publication and mailing are a concern. Hightower asked for suggestions for names to be entered on a complementary issue list. She thanked the membership for their articles and contributions to the newsletter. Discussion followed about the following topics: use of electronic mail for the newsletter to those who can accept it and a supplementary paper issue, the role of a list server in this process. These concerns will be addressed this coming year. A survey of potential e-mail recipients will be in the fall newsletter as well as a sample text produced on-line. Gass stated that a guiding principle in these explorations be that no extra work be incurred by the newsletter editor.

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The Division Chair thanked all of the publications editors.

E.Wladas, the directory editor, described the collection procedure for the recently issued membership directory. An area of concern for the future is the lack of institutions willing to support publication and dissemination costs. The Directory editor announced that a record for the membership directory has been established on OCLC.

R. Schwarzwalder moved that the membership of the Engineering Libraries Division formally support the soon – to – be – available Engineering Library listserver and that it delegate the responsibility of establishing a protocol of sponsoring the list server to the Executive Committee. This was seconded by G. Willis and the motion carried.

The Professional Interest Council IV representative J. Fries reported on a new data processing system for ASEE. that has disclosed a severe reduction of members the current membership is 11%-12% of the total number of Engineering educators. The dues for the society are expected to increase by 20 dollars. The PIC IV chair would like two representative from each ASEE subgroup. Fries suggested that the division program chair be the second representative. He encouraged a wider perspective for session topics both because of cost and meeting flow.

Old Business

ASEE Centennial Celebration division representative Charlotte Erdmann announced the division committee members: M. DeSart, D. Byers, D. Richardson. This division committee is preparing an annotated bibliography of local histories of engineering schools, programs and departments. A draft of a cover letter and survey eliciting the existence of histories will be reviewed and the final version will be sent to engineering school librarians. S. Gass suggested that the Publications committee participate in the preparation of the survey and bibliography.

D. Richardson announced that he and **J. Fries** had served as an ad hoc committee to revise the division bylaws to reflect current practice. These revisions will be presented to the Executive committee.

There being no additional old business or announcements the meeting was adjourned.

- Paige Gibbs, Secretary/Treasurer



Officers & Committees 1991 -1992

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Standards Committee Steve Gass, Chair Engineering Library Stanford University Stanford, CA 94305-4029 415-725-1012 FAX: 415-725-1096 CN.SXG@FORSYTHE.STANFORD.EDU Members: Wendy Culotta, Allen Gould, Kate Herzog, Glee Willis

Please send corrections and additions to this list to Edward Wladas.

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