

# Division newsletter



American Society for Engineering Education

**DIVISION:** ENGINEERING LIBRARIES

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**DATE:** OCTOBER 1989

## Message from the Chair

A new academic year is starting, and Lincoln has faded into the seemingly distant past! However we carry vividly in our minds the ideas and experiences shared during the 1989 Annual Conference. And we struggle with well-meaning intentions to put new ideas into action as we gather ourselves after vacations and face a new crop of eager students. The Engineering Libraries Division is indebted to many members who chaired sessions and helped to organize our sessions. A big thank you goes to Billie Joy Reinhart, Cecilia Mullen, Hazel Wetts, Karen Andrews, Vladimir Borovansky, and Ray Bohling. We are also thankful for the hospitality of Alan Gould, Engineering Librarian at University of Nebraska-Lincoln, who hosted an informal tour of his library and supplied the idea for our wonderful speaker on the NASA Teacher in Space program.

Vladimir Borovansky, our program chair for the next annual conference in Toronto, has already been working diligently on the program. The theme will be "Engineering Education: Technological Advancement through Canada-US-Global Interchange." The conference is set for June 24-28, 1990. Contact Vladimir if you have ideas and energy to contribute.

The division's officers and committees have been active this past year. I would like to thank Jim Fries for his guidance as Chair, Vladimir Borovansky, who served as Secretary/Treasurer, directors Anita Clammuro and Charlotte Erdmann, Newsletter Editor Hugh Franklin, Publications Chair Rosemary Loomis and her able Subcommittee Chair Kathy Jackson for continued production of literature guides, Linda Musser for the Membership Directory, Glee Willis for her creative membership ideas, Don Richardson, Nominations, Karen Andrews for her continuing efforts chairing the Accreditation Committee, John Saylor of the Standards Committee, and Ann Montgomery Smith of the Awards Committee. Their activities are reflected in the minutes of the Annual Business Meeting held June 27, 1989 in Lincoln. I hope that the coming year will be as productive as was 1988-1989 under the leadership of these people.

In this newsletter is a list of 1989-1990 ELD officers and committee members. Please let me know if there are any errors in this list. These volunteers will appreciate your support and contributions.

After the Annual Conference the ASEE Board of Directors met to discuss the issue of the review of papers for the conference proceedings. The new policy passed by the Board in 1988 was reaffirmed, i.e. there will be pre-conference review of all papers which are to appear in the 1991 proceedings. All divisions are urged to initiate some form of peer review by 1990. The ELD Executive Committee has determined that the Publications Committee would be the best refereeing agency for our division. Provisions for review will be coordinated with the program chair and session moderators.

Have a great year. Feel free to share ideas in the newsletter. I will be happy to hear your ideas/concerns throughout the year.

Dorothy Byers  
Engineering Library  
University of Cincinnati

American Society for Engineering Education  
Engineering Libraries Division  
Officers and Committees 1989-1990

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Steve Gass

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see address under Immediate Past Chair

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John Saylor

AMERICAN SOCIETY FOR ENGINEERING EDUCATION  
ENGINEERING LIBRARIES DIVISION

Minutes of the Annual Business Meeting  
Lincoln, Nebraska  
June 27, 1989

Jim Fries, Chair, called the meeting to order at 4:34 PM, welcoming old and new members, and stated the basic purpose of the meeting, i.e. to update the membership, report on the 1989 activities and preparations for 1990 and other Division and Society developments. The petition requesting a commemorative stamp to be published on the occasion of the ASEE centennial was circulated.

Minutes

The minutes of the 1988 ELD Annual Business Meeting were approved as printed in the August 1988 ELD Newsletter.

Treasurer's Report

Vladimir Borovansky submitted the Treasurer's report. As in the past, the Engineering Libraries Division has had two accounts, the regular division (field support) account and the BASS account. The regular account is used for expenses connected with the production and distribution of the ELD newsletter. The BASS account is for expenses related to our publication activities and to support accreditation activities.

According to the 31 December 1988 statement, the budgeted amount in the regular account was \$800. There were no other statements after that date. The General Ledger balance for the period 10/1/88 to 5/31/89 indicated the ending balance of 524.68. It indicated only one debit of \$46.64, which was credited instead of debited to the beginning balance of \$481.01. No other debits for the ELD Newsletter were shown. Also, the beginning balance appears to be in error. Fred Merriwether, the new business support office manager, promised to investigate and correct our field support account.

The BASS account had a beginning balance of \$1,390.24. The receipts including the sale of the Division publications and interest were \$675.39, the disbursements for the membership directory and mailing were \$237.50. The balance as of 05/31/89 was \$1,828.13.

Newsletter Editor's Report

Hugh Franklin reported that four issues have been published under his editorship. He strongly urged members to send him news items by mail, fax, or phone. He mentioned that it takes a long time for the university printers to bill him for printing. Jim Fries thanked Hugh on behalf of the division for a job well done.

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Publications Committee and Literature Guides Subcommittee Report  
Vladimir Borovansky reported for Kathy Jackson and Rosemary Loomis, who sent the following status report through Bitnet:

The following guides have been reviewed once by the committee and will be sent back to the authors for revisions.

Compilers should receive guides by July 8.

- Energy Engineering
- Expert Systems
- Materials Handling
- Statistical Information for the Engineer

The following guides have been given to the compilers for revisions:

- Aerospace Engineering
- Nuclear Engineering

Three guides are ready for review by the Committee. These are:

- Bioengineering
- Fire Protection
- Petroleum Engineering

Jim Fries commended both Rosemary and Kathy for doing a find job and added that we will be looking for successors for both of these positions. The report on the "Union List of Technical Reports, Standards, and Patents in Engineering Libraries" was given by Dorothy Byers. Dorothy solicited new data for updating the list.

#### Membership

Glee Willis reported that, according to the ASEE Headquarters, the Division has 152 members, 87 of these are librarians. She encouraged the members to send her names of prospective members to contact. She has prepared a list of approximately 250 institutions that have engineering collections based on the SLA and ASEE Engineering College Research and graduate Study Directory. Steve Gass will follow up on the list of inactive members. Jim Fries praised the membership committee for arranging a nice social event (for us) on Monday night.

#### Standards

Steve Gass reported for John Saylor, who sent his greetings and regrets that he was unable to attend this year. The "Annual Statistics of Engineering Academic Libraries 1987" seems to be stuck. Camille Clark's proposal, submitted last year, discussed by the Executive Committee and referred to the Standards Committee, has not been realized, but a slightly different approach was recommended. Steve Gass requested feedback from the members for developing criteria for evaluating engineering libraries. That also related to the statistical documents so we will not make the Standards in a vacuum. Steve suggested that collections, facilities, staffing and services be considered and asked members

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for their opinion. A discussion followed. Jim Fries then summarized the questions and asked if the Standards can be developed around collections, facilities, staffing and services. Next issue of the ELD Newsletter will contain the information from Steve Gass.

#### Accreditation

The report was given by Karen Andrews. The committee was composed of Karen, Jay Waddell and Russ Powell. The first accreditation visits with observers Jay, Karen and Wendy Cullotta took place in 1986/87. No site visits with librarians as observers occurred in 1987/88. A technical session with David Reyes-Guerra of ABET at the last year/s conference explained the reasons why no librarians were invited. In 1988/89, Dr. Peterson invited Dorothy Byers to serve as an observer on the accreditation visit to Arizona State University. Dr. Peterson submitted Dorothy's report to ABET and her recommendations referred to a subcommittee for further action. Two recommendations were submitted to the membership for a vote.

The first recommendations suggests changes to the self-evaluation questionnaire, the second requires information retrieval skills, information literacy and knowledge of accurate bibliographic format. Hazel Wetts moved and Bob Schwarzwaldler seconded a motion to accept these recommendations. Motion was approved unanimously. Karen's report and recommendations are enclosed.

#### Nominations

The Nominating Committee, chaired by Hazel Wetts, and members Jim Kyed and Mary Jo Arnold, reported the nominees for 1989-90 as Billie Joy Reinhart, Division Directory and Jay Waddell for Secretary-Treasurer. One ballot was cast for the entire slate and the officers were elected as nominated.

#### Awards Committee

Anne Montgomery Smith, Chair, brought us up to date on the progress of their activities. Other committee members are Paige Gibbs and Ray Bohling. The committee proposed a model for an award, first award could be given next year. It would recognize a significant contribution to the engineering profession by an individual. The plaque, that would cost approximately \$100, would be named after a former member of the ELD, who most contributed to the Division. The three names suggested were Homer Bernhardt, Barbara Bigg, and Joe Kopycinski. The possibility of contacting EIC/Bowker to contribute to the award was suggested. Jim Fries reported that the Society of Manufacturing Engineers have donated a one year subscription to their journal. This will be raffled off at the Division dinner.

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1989 Program Planning

Dorothy Byers thanked everyone who contributed, chaired, moderated, etc., to the 1989 program and Alan Gould, the UNL Engineering Librarian, for an interesting tour of his library. Jim Fries thanked Dorothy for an excellent program.

New Business

Vladimir Borovansky reported on the ideas received so far for the 1990 ASEE conference to be held June 24-28, 1990 in Toronto, Ontario, Canada. The first suggested topic was from Jill Powell of Cornell University: "Printed Documentation for the OPAC User." Other proposed topics were serial use study, putting value on information (UCLA study by Kate Herzog), developing standards for accreditation, possibility of using an engineering school administrator for a "view from the top", technical communication in aeronautics (NASA-TM February 89), Ei-UMI Workstations - most of these proposed by Steve Gass. It was also suggested to look for the participation of INSPEC and IHS and for co-sponsors, e.g. the Aerospace Division, etc. Charlotte Erdmann proposed and volunteered to chair a session on Material Properties. Billie Joy Reinhart moved and Glee Willis seconded a motion not to do the session on OPAC's.

Jim Fries announced that he received the ELD archive from Hal Wiren and asked for a volunteer archivist. Don Richardson offered his services. Jim Fries, Dorothy Byers and Vladimir Borovansky attended the PIC IV meeting on Sunday and Jim reported on the discussion of the referee process beginning with the 1991 proceedings. Jim also noted the ELD has one of the best succession systems in the ASEE.

Jim thanked all the chairs and officers for a job well done. The meeting was adjourned at 6 p.m.

Respectfully submitted,

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Vladimir T. Borovansky  
Secretary/Treasurer



## Membership News

The membership drive is on!! By the time you all read this, solicitations will have been sent to approximately 300 prospective ELD members. If we were to be optimistic about the success of this effort, we would hope that we would attract at least enough new members to offset the postage expenses! I enjoyed meeting all the "new" ELD faces in Lincoln, and I'm assuming you all did, too. Realistically, I'm expecting at to see at least twice as many new faces in Toronto as a direct result of the membership drive now in progress.

Speaking of faces, did you all notice ELD's very own Dorothy Byers, Charlotte Erdmann, and Martha Lyle at the center/right of the photo on the front page of the July-August issue of Engineering Education News?

One last thing ... I want to thank those of you who have passed on your great "combining two libraries into yet another new library" tips. They've been MOST encouraging, and VERY helpful!! And I would certainly welcome any more you all have for me.

Glee Willis

### ANNOUNCEMENT

The Engineering Library Division of the American Society for Engineering Education is compiling data for inclusion in the second edition of the Union List of Technical Reports, Standards and Patents in Engineering Libraries. Any libraries that would like to be included in the union list should contact Linda Musser, Pennsylvania State University, 325 Hammond Building, University Park, PA 16802 USA, (814)865-3697, LRM@PSULIAS.BITNET. The planned date of publication for the second edition is summer 1990.

TENTATIVE ELD SESSIONS FOR 1990 ASEE ANNUAL CONFERENCE

- . Open Forum (group discussion) Cecilia Mullen
- . Annual Business Meeting Dorothy Byers
- . ELD Banquet Dorothy Byers
- . Executive Committee Meeting Vladimir Borovansky
- . Technical Communication in Aeronautics Steve Gass
- . Materials Properties Data Bases Charlotte Erdmann
- . Information Explosion: Strategies for Coping with Rising Cost of Journals Camille Wanat ?
- . New Technologies for Information Delivery (UMI, IEEE, etc.) Steve Gass
- . Poster Session Billie Jo Reinhart

The Toronto Conference, to be held June 24 - 28, 1990, promises to be an interesting meeting. The theme of the conference is "Advancement of Technology Through Canada - U.S. Global Interchange". On Wednesday, June 27, there will be a joint Main Plenary session with the Canadian Council on Engineering Education.

Please contact any of the moderators or me if you have any ideas or would like to participate in the scheduled events. Toronto will be a very exciting place to be, so plan to attend !

Vladimir Borovansky, 1989-90 Program Chair

**1990 COLLEGE INDUSTRY EDUCATION CONFERENCE**

The 1990 CIEC will be held February 5-9 at the Grosvenor Resort Hotel in Orlando, Florida with the theme "Focus On The Future: Strategies to the '90's." An outstanding program has been organized with six workshops, 22 paper sessions and a "Meet the Experts" session. Two plenary sessions will feature Admiral Richard Truly of NASA speaking on "The Future U.S. Space Program," and Dr. Alan L. McClelland from NSF whose address is "The New Engineers: Where Are They?"

The CIEC is sponsored by the CED, CPD, ETD, and RWI divisions of ASEE. Members of other divisions are invited. Registration information can be obtained from Dr. Ken Gowdy, Associate Dean of Engineering, Kansas State University, Manhattan, KS 66506. (913) 532-5590.

NEW DATABASES ADDED TO ASU ONLINE CATALOG

This summer we added the following new databases to our online catalog:

- . Map Index - an in-house index to the ASU Map Collection
- . Solar Energy Index - an in-house index to about 25,000 bibliographic citations for the materials housed in the ASU Solar Energy Collection; includes current articles from selected journals on alternative energy resources.
- . Uncover - a database providing access to title-level information on approximately 10,000 journals (similar to ISI's Current Contents).

Also, please correct my BITNET number to ASUACAD@IACVTB~~B~~BITNET.

Vladimir Borovansky

APOLOGIES TO VARIOUS PEOPLE FOR NOT INCLUDING THEIR ITEMS IN THIS NEWSLETTER

Too much time elapsed to include job announcements for Engineering Librarian at University of Cincinnati, Engineering Librarian at University of California, Irvine, and a Physics, Earth, & Atmospheric Sciences Librarian at Purdue. Also, apologies to Glee Willis for not including her articles on Ei User Group representation and a membership update; they were pointed toward the Lincoln conference, missed the spring issue, and did not seem applicable in their present form for this newsletter issue.

PLEASE GET NEWS TO ME BY NOVEMBER 20 FOR THE DECEMBER NEWSLETTER. This includes anything you want to say or report which is pertinent to the goals and interests of ELD.

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