
December 2007

Engineering Division

Bob Tolliver

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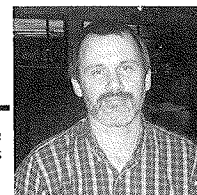
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Engineering Division

Bob Tolliver, Chair



The objectives of the Engineering Division are to provide an association for those having an interest in library and information science as they apply to engineering and the physical sciences and to promote the use of materials and knowledge for the benefit of libraries and other educational organizations.

Since this is my last *SciTech News* column as Chair, I would like to start out by thanking the Engineering Division Advisory Board for helping me to survive my year as Chair and for making it an enjoyable experience. I'd also like to thank all of the other Division members who have served the Division through their contributions to our conference programs, our committees, and our discussion list.

Speaking of the Division's discussion list, by the time you receive this I should have the list migrated over to our new SLA host. Hopefully everything will go smoothly and I'll get everyone on the new list. If you stop getting discussion list messages, please let me know. I want to thank the Institution of Engineering and Technology (IET) for the years that they have kindly hosted our list.

Next year marks 40 years since Engineering became a Division and our Chair-Elect and program planner for next year, Daureen Neddill, has been hard at work putting together the Engineering Division's programs for next year's meeting in Seattle. We will be celebrating our 40th anniversary on Sunday evening, immediately following the opening session of the Conference. In honor of our anniversary, we will be holding a raffle to cover a lucky winner's conference registration fees. So join us for fun and a chance to win. And, conveniently, SLA is kicking off their 100th anniversary celebration on Wednesday night, so stick around for that as well.

Daureen has also been working on a mini-symposium on the topic of cyberinfrastructure. There will be an introductory session on the topic

by Dan Atkins, Director of the NSF's Office of Cyberinfrastructure, and this will be followed by sessions on electronic lab notebooks, informatics, and the impact of cyber infrastructure on corporate and academic librarians. This should be a great set of programs.

We will also be sponsoring or co-sponsoring sessions on standards, Maglev, the history of flight, and a CE course on DTIC (Defense Technical Information Center). By the way, if you're interested in the CE course, don't forget to apply for the Continuing Education Travel Award sponsored by IEEE. The award will cover the CE registration fee, travel, and one night of lodging. And don't forget the annual All Science Reception, which will feature a poster session this year.

As a final note and a plug for the Division, I just want to say that it's been a great experience serving as Chair of the Engineering Division and serving in other capacities over the last few years. If you're a member of the Division, I would encourage you to get involved in Division committees and leadership positions. I think we have a great group of people in our Division and it's a good place to get involved, develop leadership skills, and serve the Association.❖

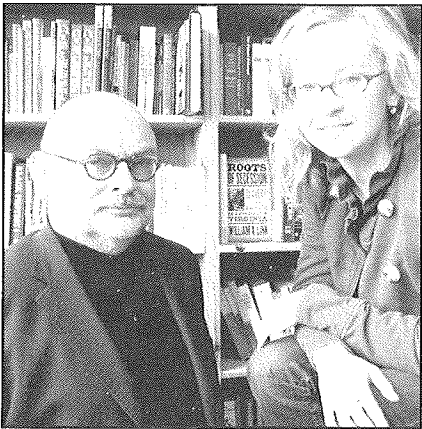
See you next year,
Bob Tolliver
diabob@umich.edu

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CALL FOR NOMINATIONS AND APPLICATIONS

Elsevier/SLA Engineering Librarian of the Year Award

Please consider nominating a colleague or associate for our Engineering Librarian of the Year award. This \$1,500 gift is offered annually to honor a Member of the SLA Engineering Division.

The award is sponsored by Elsevier and the Division to highlight the accomplishments and contributions of members to the engineering librarian profession. Recognition comes in the form of the stipend, a certificate, and a presentation at the Division's Annual Business Meeting held during the annual SLA Conference. Prospective candidates are encouraged to nominate themselves, or an associate may nominate them.

Criteria for entry are:

1. Membership in good standing in the SLA Engineering Division, as of January 1 of the previous year in which the award is presented.
2. Distinguished achievement in the engineering library profession, through an exceptional contribution on the job, within the SLA Engineering Division, or within the industry at large. This accomplishment should have taken place within the calendar year immediately preceding the nomination. However, in selected cases, based solely on the Awards Committee's judgment, recognition may be given for an ongoing, long-term contribution.

Instructions for submissions – Deadline March 3, 2008

Provide full name, address, telephone numbers, e-mail address, and a maximum one-page statement of the nominee's qualifications to:

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The Boeing Company
Library Services
5301 Bolsa Avenue – M/S H012-A001
Huntington Beach, CA 92647
joan.c.dubis@boeing.com or jcdubis@yahoo.com
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***Special Libraries Association Engineering Division
\$1,200 Inspec Stipend Award - Call for Applications***

Award to attend the SLA Annual Meeting in
Seattle, WA, 15-18 June 2008

Inspec is sponsoring the award of a \$1,200 travel stipend toward payment of expenses incurred while attending the annual Special Libraries Association conference in Seattle, WA, June 15-18, 2008. This award is available for library school students only.

The Inspec Award will be given to the qualified student who submits the best essay of three or less double spaced typed pages on the following theme:

"Because of all the electronic resources licensed by your Library, you've been mandated to drastically reduce your physical collection over the next three years. Describe your strategy for accomplishing this challenge, how you would address it with your loyal walk-in clientele, and a methodology for marketing your 'new' (basically virtual) library."

Qualifications:

1. Currently a student member of the Special Libraries Association.
2. Be attending his or her first SLA Conference.

Special Instructions:

1. Give your full name, address, telephone number, e mail address, and a statement, on one page, of your qualifications, as given above, for entering the award competition. Include the name of your library school.
2. Type your full name (without any additional personal information) at the top of each essay page. Double space the typing on all pages.

Deadline for Submission: **March 3, 2008**

The recipient of the Inspec Award will be notified by April 1.

Submit Entries for the award to:

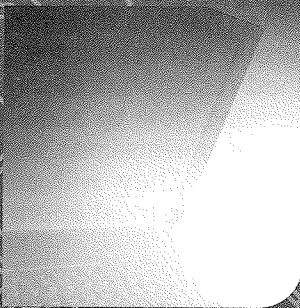
Bette Finn, SLA Engineering Division Awards Committee
Georgia Tech Library and Information Center
Georgia Institute of Technology
Atlanta, Georgia 30332 0900
Phone: (404) 894 1790 Fax: (404) 894 8190
E mail: bette.finn@library.gatech.edu



The Knowledge Network

IET DIGITAL LIBRARY

The IET Digital Library contains all IET journals, magazines, conference publications and seminar digests, encompassing a wide range of essential information in electrical and electronic engineering, telecommunications, computing, power, control, radar, circuits, materials, life sciences related research and IT.



IET Digital Library Publications (1994 onwards)

Electronics Letters
Micro & Nano Letters
IET Research Journals - 20 titles*
(formerly IEE Proceedings)
Engineering & Technology
IET Magazines - 7 titles
IET Conference Publications
IET Seminar Digests

* including 5 new titles for 2007:

IET Computer Vision
IET Image Processing
IET Signal Processing
IET Synthetic Biology
IET Renewable Power Generation

New for 2007 -

IET Digital Library Archive (1872-1993)

The Institution of Engineering and Technology is digitizing its journal archive from the start of IEE publications in 1872 up to 1993 adding a further 70,000 articles to the IET Digital Library. Also available online for the very first time is 'Electronics Letters' from 1965-1993.

IET Digital Library - Benefits and Features

- Issues and articles available online in advance of printed publication
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2006 IEEE Continuing Education Travel Award Winner – Doreen Nesdill

In 2006, I submitted an essay to the Engineering Division's Awards Committee to be considered for the Continuing Education Travel Award sponsored by IEEE. I had just been asked by a graduate student in chemistry named Jennie to write a letter of support for her to teach a credit course on research methods. At the University of Utah, graduate students can apply for one of three Graduate Assistantship Grants to develop and teach a class. Jennie also wanted me to work with her in developing and teaching the course because she felt that chemistry majors required a better understanding of the chemistry literature.

I was thrilled to be asked to work with Jennie because it meant that after she graduated, I would be teaching the course. I wanted to make sure I was up to speed on the chemical literature information. Since the SLA Chemistry Division taught a whole day CE course on chemistry at the annual meeting, I wondered how I could convince my supervisor to support me in attending the class. While I was wondering an email arrived from the Engineering Division announcing a new award, the Continuing Education Travel Award sponsored by IEEE. So I wrote about my opportunity to teach chemistry research methods and won! When my supervisor found out, she provided me with the funds to take the second half day course in chemistry. I was a double winner!

CE course instructors Judith Currano, Head, Chemistry Library, University of Pennsylvania and Bartow Culp, Chemistry Librarian, Purdue University, dissolved some of the rust that I had developed and taught me a lot I did not know. I do have some background in chemistry – my ABD was in chemical ecology – but I never heard of the Hill Order. Now, I also know about SMILES.

In August, Jennie heard that she had not won the Graduate Assistantship Grant. Ugh. There actually was no winner that year due to lack of funds. We reapplied in 2007 and were turned down. While discussing this with faculty, one said I should teach the class myself as a special topics course. Another asked me to specifically teach a hands-on workshop for chemistry graduate students in June of each year. Chemistry

graduate students start fall semester, take two semesters of classes and then start to write their research proposals in June.

So, now I am organizing a credit class for both chemistry and biology juniors and seniors covering research methods. They will work in groups with each group having an assigned research topic. I am inviting people around the campus to come in talk about their support role in research. Guest speakers will be from the grants office, technology transfer office, Center for High Performance Computing, Institutional Review Board, Animal Welfare, Environmental Health and Safety, and a few journal editors.

I'll address information literacy, i.e. the different sources of information and how to use them, Endnote, scholarly publishing, citation searching, electronic lab notebooks, impact factors and all the variations on impact factors, resources for keeping up with the changes in conducting research, etc. Each group will search for grants to support the assigned research project, write a proposal, and determine how to acquire the supplies needed and the permissions required to conduct the research. They will end the semester with determining the most appropriate journal in which to publish.

The hands-on workshop for graduate students writing their research proposals will start with a lesson on Endnote. This will provide the students with a better understanding of how databases are structured. After that, I can introduce the students to searching databases in chemistry with all their nuances. The nuances are not as daunting for me since I have taken the SLA CE chemistry course. I appreciate the opportunity IEEE and the Engineering Division provided me to attend the course and update my skills. I urge any Engineering Division member needing to update or learn new skills to apply for the Continuing Education Travel Award sponsored by IEEE. ❖

Daureen Nesdill
Science and Engineering Library
J. Willard Marriott Library, University of Utah
daureen.nesdill@utah.edu

IEEE Continuing Education Stipend

The IEEE (Institute of Electrical and Electronics Engineers) Continuing Education Stipend will be awarded to the SLA Engineering Division member who submits the best essay on how the applicant will benefit professionally from a continuing education course.

The award is up to \$1,000 for expenses incurred while attending any CE course offered at the annual Special Libraries Association Conference in Seattle, Washington, June 15-18, 2008. The stipend may be applied to travel, food, and one night's accommodation. Award applicants must be members in good standing of the SLA Engineering Division for at least one year as of January 1, 2008.

The winner will be required to submit an article to *SciTech News* within twelve months of completion on how the course helped them either in library applications or professionally. Apply by submitting a one to three page (double spaced) essay on how you will benefit professionally from the specific continuing education course. Include your full name, address, telephone number, and e-mail address. Please type your full name at the top of each essay page.

The deadline for Submission is **March 3, 2008**. The recipient of the award will be notified by April 1.

Please submit entries to:

Penny S. Sympson, SLA Engineering Division Awards Committee
Wiss, Janney, Elstner Associates, Inc.
330 Pfingsten Road
Northbrook, IL 60062
Voice: 847.753.7202 Fax: 847.498.0358
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