

Engineering Libraries

division newsletter

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Message from the Chair

Members of the Engineering Library Division of ASEE have a long history of electronic communication. Electronic mail between colleagues was probably our first experience with this medium. Then we moved to global e-mail groups, listservs, and web sites. I wish to highlight, encourage, and challenge ELD members to continue their efforts in electronic communication.

ELDNET-L Listserv - The listserv was approved by the ELD Executive Committee at the 1991 Annual Conference in New Orleans. ELD began its moderated listserv, ELDNET-L in August 1991. Mel DeSart proposed this service to the Division and serves as the editor and fearless leader. The listserv was first housed at the University of Illinois, Urbana, and is currently archived at the University of Kansas--Lawrence. It has served well as a means to communicate the Division's business and help members query colleagues for information on all aspects of engineering librarianship.

ASEE/ELD Duplicates Exchange - The ASEE/ELD Duplicates Exchange was begun in 1992 by Orion Pozo of North Carolina State University. It was approved at the 1992 Annual Conference. The service is a global e-mail group which offers people the opportunity to distribute duplicate materials to other libraries. Orion also gleans science and engineering titles from the BACKLIST listserv and forwards these to the Duplicates Exchange. If you are interested in sending or receiving lists of duplicate materials, please send email to:

ORION_POZO@NCSU.EDU

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Message from p. 1

ELD Web Site -The ELD web site was first proposed at the 1995 annual meeting. An ad hoc committee had been working and a draft web page was available for viewing. The Executive Committee approved the web page. It has been particularly helpful for organization and conference information. For 1995-97, David Carter and Jim Ottaviani served as webmasters, and the web site was available through the University of Michigan. Thanks to Dave and Jim for their creativity and hard work.

Jill Powell of Cornell University was appointed the webmaster in 1997. She has made a quick transition and has recently moved the web site to Cornell. The address is:

<http://www.engl.lib.cornell.edu/eld/>

Please visit the site and see what will be happening at next year's conference. I encourage standing committee chairs to determine which of their activities might be highlighted on the web site. Please forward all suggestions to Jill Powell: jhp1@cornell.edu

An ad hoc committee has been appointed to work with the webmaster and set up policies, guidelines, and expectations for the web site. Committee members are: Karen Clay, Andy Shimp, and Michael White. Sheila Curl and Godlind Johnson will serve as advisors.

Thank You - I commend the electronic innovators of the Engineering Libraries Division. ELD members involved in innovations encouraged the Division to try new ways of communicating. I would especially like to thank the project implementers: Mel DeSart, Orion Pozo, David Carter, Jim Ottaviani, and Jill Powell. These people are keys to our continued success in communicating with each other. Thank you for your time and commitment to electronic communication.

Charlotte A. Erdmann erdmann@ecn.purdue.edu
Engineering Libraries Division Chair
Purdue University

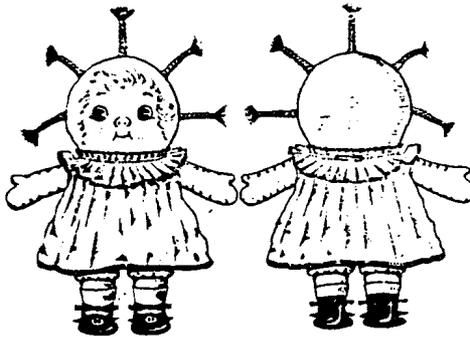
Newsletter Change

Congratulations to Dena Thomas on her new job in Ireland. Dena has done an excellent job of editing the ELD newsletter for the last 3 1/2 years. ELD will miss her superb skills as an organizer and editor. Please join me in thanking her for being another great communication innovator.

The Division will be looking for a new editor to complete Dena's term.

A posting to ELDNET-L will be made soon.

Charlotte Erdmann



Spotlight on EEVL

<http://www.eevl.ac.uk/>

EEVL: the Edinburgh Engineering Virtual Library, is a hand-crafted user-friendly service which provides easy access to networked engineering resources, with the emphasis on the UK. EEVL's main services are free, and no registration is required.

EEVL is a UK-based not-for-profit gateway to engineering information on the Internet. Its newly designed web site now offers additional features and services. EEVL is a major source of networked information for engineers. A few months ago EEVL was chosen as a Scout Report Selection; it is a Yahoo! UK & Ireland footnote site; its first service was chosen as Best New Site by Information World Review; and it was given a 5-star rating by the *sci.engr List of WWW Sources*.

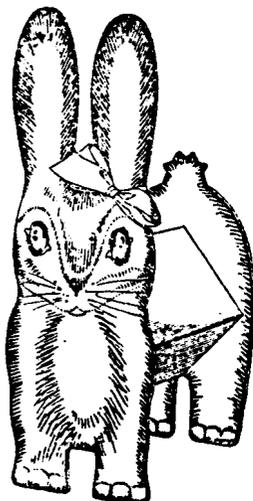
The newly designed home pages make it easier to use. EEVL's various services include a searchable database of over 2,500 UK and worldwide

engineering resources featuring engineering companies, e-journals, recruitment agencies, courseware and training materials, software, mailing lists, university departments, and research projects; a UK engineering search engine for over 32,000 UK engineering web pages; a searchable engineering newsgroup archive; a manufacturing bibliographic database; an offshore engineering list of meetings and conferences; a liquid crystal database; a jet impingement database; the full text of an issue of Science and Engineering Network News; and a bibliography of guides to engineering information on the Internet. Also available are lists of the top 25 most visited engineering sites in the UK and worldwide.

EEVL provides engineers of all kinds - practicing engineers, academics, researchers, students - and anyone else looking for engineering information, with a centralised access point on the Internet. All engineering disciplines are covered by EEVL, including: Chemical, Civil, Electrical, Electronic and Computer, Design, Environmental, Materials, Mechanical and Manufacturing, and Petroleum and Offshore.

EEVL is funded through the Joint Information Systems Committee's Electronic Libraries Programme (eLib). For more information, contact R.A.MacLeod@hw.ac.uk

Roddy MacLeod
Heriot-Watt University
Edinburgh
Phone: (0131) 451 3576



Program Update

The ELD Program for the 1998 ASEE Conference in Seattle, Washington, June 28-July 1, is shaping up to be an interesting and exciting event, with a very full schedule. Technical session moderators have been hard at work obtaining commitments from excellent speakers; moderators of other activities are working to ensure their session will engage and interest *you*. I'm looking forward to the programs and activities already. But even more, I'm looking forward to meeting again with many of you, sharing experiences and new perspectives, discussing the challenges of engineering librarianship, and meeting new colleagues. If you haven't been to an Annual Conference yet, perhaps you'll consider joining us this year. There are events planned for informally meeting your colleagues, as well as the more formal programs. I hope you're beginning to make plans to attend.

Some brief notes about changes and unofficial events. The Society-wide picnic will be held later on Sunday than usual, 7:00-9:00 pm. The Main Plenary will be on Tuesday, 10:30-Noon, rather than Monday. Mini-plenaries are still on Wednesday, 10:30-Noon. Please plan on staying through to the very end of the conference-- ELD is co-sponsoring a technical session on Aerospace Engineering Information with the Aerospace Engineering Division, scheduled at 4:30-6:00 pm on Wednesday. The Advance Program is usually sent with the February issue of the ASEE Prism and all official events will be listed there (as well as here!).

Some unofficial events which will not be listed in the Advance Program include the 5 K run being planned by Kate Lee, the Monday informal "lunch bunch" groups coordinated by Locke Morrissey, and the Wednesday morning tour of the University of Washington Engineering Library. Watch for more informal social gatherings that are publicized closer to conference time.

Also, I encourage all of you who attend the conference to sign up for the Annual Banquet on Tuesday evening. This conference highlight will be at TULLos, an established Seattle restaurant with

excellent Italian fare and a delightful ambience. It is a ticketed event, so you'll need to select it as an added option when registering. The Banquet has always proved to be one of my favorite events, and I hope you join me, moderator Mel DeSart, and your other fellow ELD members for this enjoyable occasion.

With anticipation,
Beth Brin
ELD Program Chair
Boise State University

1998 ASEE Annual Conference June 28-July 1: ELD Program

5K Run--Stay tuned for more information from moderator Kate Lee, University of Florida

Creating Your Own Web Page for Beginners
Sunday, 8:30-12 Noon
Moderator: Fred O'Bryant, University of Virginia
Co-Moderator: Jill Powell, Cornell University
Ticketed event: \$20

In this workshop you will learn how to create your own HTML documents in order to publish text and image files for classroom or professional use. Experienced instructors will teach HTML basics in a PC environment using a cross-platform HTML editor for hands-on instruction. Registration is required to attend; attendance is limited to 20. The workshop location will be on the University of Washington campus in a University of Washington Libraries PC Classroom. Attendees should meet at the ASEE Registration Desk at 8:30 a.m. in the Washington State Trade and Convention Center.

Advanced Home Page Creation--Forms, Frames, and Image Maps

Sunday, 2:30-5:30 pm
Moderator: Jill Powell, Cornell University
Co-Moderator: Fred O'Bryant, University of Virginia

Ticketed event: \$20.00

Make your web pages interactive and more elegant by including forms, image maps, and frames. Forms are used to gather information from your

audience or to search a database. Image maps are graphics you can divide into regions which go to different places depending on where you click. Frames allow you to divide your web page into multiple, independently scrolling sections. We will teach these advanced features in a hands-on Macintosh facility using cross-platform software such as AOL Press, which does most of the programming for you. Prerequisite: ability to create a basic web page. Registration is required to attend; attendance is limited to 15 people. The workshop location will be in the Health Sciences Library and Information Center on the University of Washington campus. Attendees should meet at the ASEE Registration Desk at 2:30 p.m. in the Washington State Trade and Convention Center.

Society-wide Picnic

Sunday, 7:00 - 9:00 pm

The ASEE 1998 Conference's official opening event. Plan on attending for some informal visiting with your Engineering Libraries Division colleagues.

ELD Get-Acquainted Meeting

Monday, 8:30-10:15 am

Moderator: Eileen Dorschner, MIT

This traditional opening session and ice-breaker encourages input from all attendees to identify the major issues affecting engineering libraries and librarians.

ELD Informal Luncheon

Monday, 10:30 am-12:15 pm

Moderator: Locke Morrisey, UC-Irvine

An early lunch so we're prepared for our scheduled noon session! Restaurant information will be provided and small groups organized to go separate places for lunch. An opportunity to join your colleagues in an informal setting. Dutch treat.

Instructing in the Webbed Environment

Monday, 12:30-2:00 pm

Moderator: Deborah Kegel, UC-San Diego

How do you teach the variety of interfaces and databases on the Web? What about evaluating what you find? Have course-based web tutorials helped? Librarians will address these questions in this web-edged session.



ELD Poster Session

Monday, 2:30-4:15 pm

Moderator: Catherine Soehner, UC-Santa Cruz

A variety of innovative projects and descriptions of current activities will be presented by Engineering Libraries Division members.

ABET Accreditation and the Library--Issues, Developments, and Concerns

Monday, 4:30 - 6:00 pm

Moderator: Marilyn Von Seggern, Washington State University

How are library collections and services viewed during accreditation reviews? How will ABET 2000 change the current process? What is the Engineering Libraries Division doing to help set benchmarks? These issues and others will be addressed in this session.

Building Digital Libraries: Theory, Practice and Implications

Tuesday, 8:30-10:15 am

Moderator: Larry Thompson, Virginia Tech

Technical aspects will be explored from various viewpoints including an ongoing project at Los Alamos National Laboratory Library, a publisher's view (SPIE) of initiating projects, and the Stanford Digital Libraries Initiative research project examining the provision of gateways to varied digital library collections.

Information Technology Update: Push versus Pull on the World Wide Web

Tuesday, 2:30-4:15 pm

Moderator: Nancy Schiller, SUNY-Buffalo

This session will address some of the newer technologies being developed for accessing and delivering information on the Internet. In particular, the session will take a long hard look at "push technology" and attempt to answer such questions as: "What is it?" "Is it really new?" "How might I apply it in my setting?" and "What role do we as information professionals play in its development and use?"

ELD Annual Business Meeting

Tuesday, 4:30-6:00 pm

Moderator: Charlotte Erdmann, Purdue University. This is the Division's opportunity to handle the nuts and bolts of the Engineering Libraries Division. All ELD members are encouraged to attend.

ELD Annual Banquet

Tuesday, 6:30-10:30 pm

Ticketed event: \$40

Offsite: TULLos

Moderator: Mel DeSart, University of Kansas

The banquet will take place at TULLos, immediately following the ELD business meeting. Dinner will be preceded by a cocktail hour, 6:30-7:30 pm.

ELD Extended Executive Committee Meeting/ Breakfast

Wednesday, 7:00-8:15 am

Moderator: Beth Brin, Boise State University

Ticketed event: \$16

The Engineering Libraries Division's Extended Executive committee will complete the business of operating the division for the coming year. This includes preliminary planning for the 1998 Annual Conference.

ELD Extended Executive Committee Meeting II

Wednesday, 8:30-10:15 am

Moderator: Beth Brin, Boise State University

This is a continuation of the morning session (#3141) with special emphasis on program planning.

TOUR of the University of Washington Engineering Library (and possibly other UW libraries)

Wednesday morning. Watch future newsletters

and ELDNET-L for more information on this event.

PIC IV Luncheon
Wednesday, 12:30- 2:00 pm
Moderator: Dick Culver, PIC IV Chair
Ticketed event

The Engineering Libraries Division is a member of the Professional Interest Council IV. Divisional awards such as the Homer I. Bernhardt Award and the Ford Motor Company's Digital Librarian Award will be presented at this luncheon. ELD officers and other interested ELD members are encouraged to attend.

ELD Professional Issues Discussion
Wednesday, 2:30-4:15 pm
Moderator: Ron Rodrigues, Knight-Ridder Information, Inc.

Participants are invited to review information and identify trends from conference sessions and offer their opinions on a variety of issues affecting engineering librarians.

Aerospace Engineering Information: How is it helping keep the competitive edge?
Wednesday, 4:30- 6:00 pm
Moderator: Thomas DePetro, Wichita State University

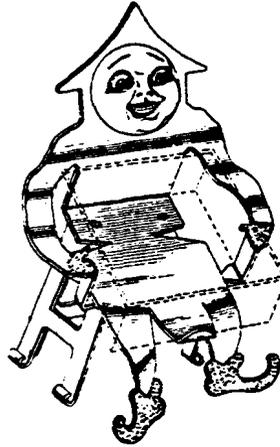
Co-Sponsor: Aerospace Engineering Division
Experts in the field of aerospace engineering information will report on current practices and new developments, especially related to using information to keep engineers and engineering companies competitive.

Call for 1998 Poster Session

Show off your latest project! Educate your colleagues with a display in the poster session for the upcoming ASEE conference in Seattle. Posters are easy to create and allow for informal discussions on topics of interest to you.

Poster session concepts --titles and abstracts-- are required by January 6, 1998 in order to be listed in the final program. Contact Catherine Soehner at soehner@cats.ucsc.edu or 408-459-2554

Regards,
Catherine Soehner
University of California, Santa Cruz



Officer Nominees Sought

The ELD Nominating Committee invites YOU to send nominations for two positions: ELD Secretary/Treasurer and ELD Director. Some questions about specific duties of these positions may be answered in the ELD Bylaws; other questions may be directed to one of the committee members.

Please submit the names of possible nominees to any member of the committee. A list of candidates for the two positions will be published in the May, 1998, *ELD Newsletter*. Nominations will also be accepted from the floor at the ELD Business Meeting during the 1998 ASEE Annual Conference.

Committee members are: Christy Hightower (619-534-1216) or chightower@ucsd.edu, Ann Ward (909-869-4670) or aeward@csupomona.edu and Andy Stewart (573-341-4007) or astewart@umr.edu.

Union List Subcommittee Seeking Members

It is time to start thinking about the 4th edition of the *Union List of Technical Reports, Standards and Patents in Engineering Libraries*. If you would like to assist in gathering data for the new edition, please contact Linda Musser, Penn State University, 105 Deike Building, University Park PA 16802; 814-863-7073; Lrm4@psu.edu.

The (Happy) Peripatetic Librarian

Update your ELDNET directories. I have been lured away from Southern California by two words: chemistry and instruction. Well, make that three words: chemistry, instruction, and Stanford.

My name is Stella Ota. I'm a newly-minted librarian. For the last four years, I have been a paraprofessional in the Caltech Library System while simultaneously attending a distance education program offering an MLIS out of San Jose State University to students in Southern California. That is, I worked in the Los Angeles area while attending classes offered from a school in the San Francisco area. Talk about burning the candle at both ends! I graduated in May 1997 having never set foot on the San Jose campus.

I am now nearly 400 miles up the coast from where I had been, in a place of many names, "NoCal," "The Peninsula," "The Silicon Valley," "The Bay Area," "The Farm," and perhaps definitively, "Stanford." I was lured here not only by the instruction work (I taught for two years in a Japanese high school), but also by the opportunity to work with the Chemistry and Chemical Engineering Library. Who* has not felt the sting of anxiety when a patron came up to you with a chemical structure? The "reference interview" becomes babblespeak in one's resulting panic. I may be crazy but diving into perhaps the greatest challenge** in science and engineering librarianship also drew me to this place. (Plus, they offered me the job!)

I fill the role of Reference and Instructional Services Librarian for the Science and Engineering Resources Group (SERG) of the Stanford University Libraries (SUL). Quite a mouthful! Although I lead a rather peripatetic working life, moving throughout the day from one building and one library to another, I don't think a new librarian with the full spectrum of science and engineering librarianship before her could ask for anything more. For Fall Quarter, I find myself in Chem/ChemE in the mornings and Engineering in the afternoons. I'm not sure what

subject emphasis will be on my plate next term, but I look forward to working with every single subject library in time. I want to learn it all!

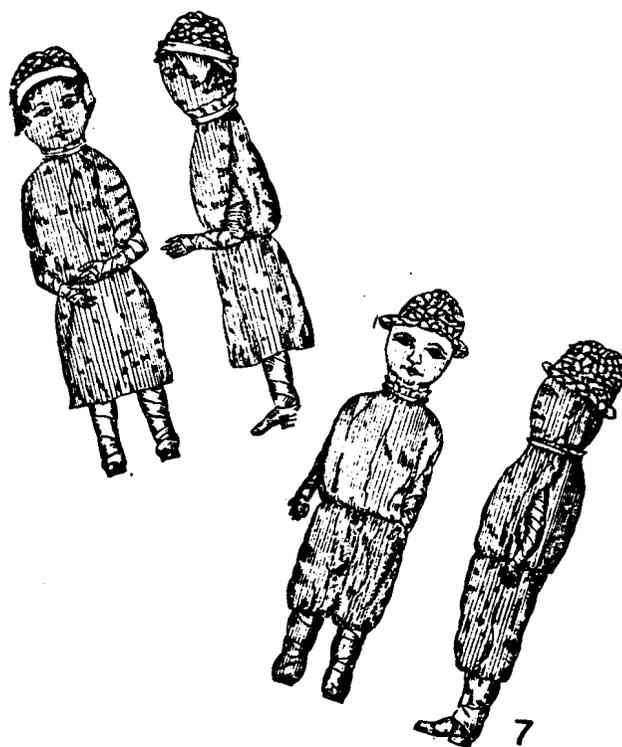
Sigh. I suppose you all thought the same thing when you first started, and then realized you were going to die trying and chose to live instead? Something to contemplate as I sip a bit of caffeine and watch the rain flow in patterns of mathematical brilliance down the red tile roofs of the main quad. Although, come to think of it, the patterns look more like those IR and NMR spectra that the O-chem students keep showing me.

Yours truly,
The (Happy) Peripatetic Librarian

Stella Ota SOTA@SULMAIL.STANFORD.EDU
Reference & Instructional Services Librarian
Stanford

*Qualification: Chemistry Librarians who are also chemists may not understand this anxiety.

**Qualification: Chem/ChemE is a challenge to the non-chemist. But the grey literature of engineering has certainly moved up in my estimation since my arrival at Stanford!



ELD Publications Committee, Subcommittee on Literature Guides

(Editor's note: In the September/October newsletter, the chairs/co-chairs of the Publications Committee and Literature Guides Subcommittee were transposed. Please note that Godlind Johnson is the chair of the Publications Committee and Sheila Curl and Kelly Jordan are the co-chairs of the Subcommittee on Literature Guides.)

Any ELD member who is interested in serving on the Literature Guide Subcommittee or who has an idea for a new literature guide, please contact us.

Sheila Curl, co-chair; Kelly Jordan, co-chair; Vladimir Borovansky, Paige Gibbs, Christy Hightower, Nestor Osario, Ron Rodriguez, Nancy Schiller, Larry Thomas, Connie Wu, Ann Ward, Nancy Zachariasen, Andy Shimp. Please forward any corrections to Sheila (curl@purdue.edu) or Kelly (kxj@psulias.psu.edu).

Homer I. Bernhardt Distinguished Service Award

Each year at the ASEE Annual Conference the Engineering Libraries Division presents an award, consisting of a plaque, recognizing work that contributes to the advancement and development of excellence in engineering libraries. Please consider nominating a colleague for this award. The deadline for nominations is January 15, 1998. Details are given below.

Eligibility - Membership in ASEE is not an eligibility requirement for this award.

How to Nominate - Award nominations must include the name, title, and contact information of the nominee and nominator, nomination rationale statement, and a curriculum vitae of the nominee. The rationale statement should not exceed 700 words and should clearly indicate why the candidate is being nominated for this award.

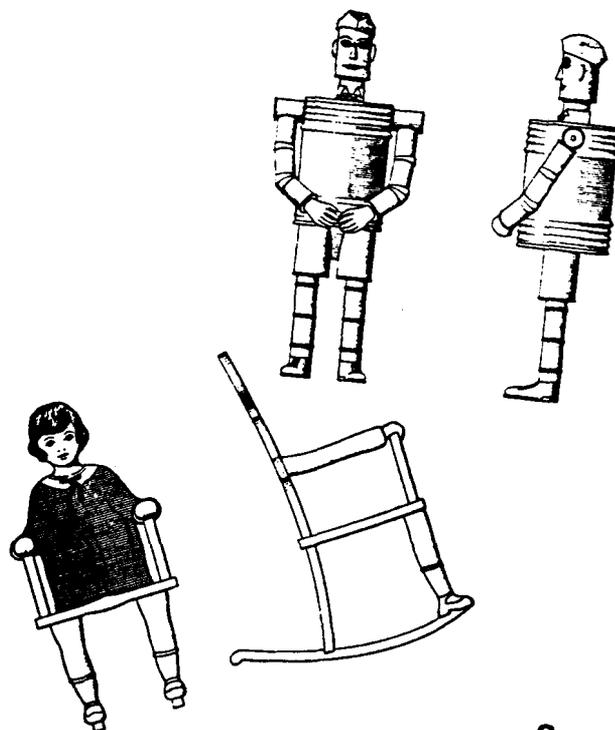
Letters of support from individuals besides the person making the nomination may be included.

Deadline - Nominations, along with all required materials, must be received by January 15, 1998, by the Awards Committee chair:

Linda Musser
105 Deike Building
Penn State University
University Park PA 16802
814-863-7073 (voice)
814-865-1379 (fax)
128.118.152.150 (Ariel)
Lrm4@psu.edu

Call for Nominations -- ASEE/ELD Best Reference Work Award

The purpose of this award is to honor the best new reference work in engineering information. Reference works must have been published or released in 1996 or later and should represent a significant contribution to the field of engineering information. Works in all media are eligible. Send nominations to Linda Musser, address above.



Call for nominations for the ASEE/ELD Best Paper Award

This award is to recognize the best paper in engineering information published in the previous two years. The paper must have been published in 1996 or later and should represent a significant contribution to the field of engineering information. The paper should be scholarly, show evidence of thorough research, documentation, and critical evaluation. It should be clearly written and well-organized. Longer works relating to engineering information may be considered for this award. Send nominations to Linda Musser, address above.



Linda Hall Library Receives Major Gift

The library is the recipient of a major gift--one-half million dollars for the purchase of rare books in the history of science--from a couple who have been interested in the library for a long time.

Mrs. C. Humbert Tinsman, Sr., and the late Mr. Tinsman have provided a gift of one-half million dollars to the Linda Hall Library of Science, Engineering, and Technology. The Tinsmans' generosity will provide \$50,000 annually for ten years and is restricted to the purchase of rare books for the Library's widely recognized special collection of rare books in the history of science and technology.

The gift will supplement the Library's current commitments to the growth of the History of Science Collection and will make possible the acquisition of major items that might not ordinarily be obtained. The History of Science Collection is strong in primary sources from the 15th century to the present, and forms a solid foundation for the study of modern science. More than 6,000 rare items are located in the History of Science Collection and, with other historical and current collections in the Library, represent the continuity of more than five centuries of scientific thought. The collection includes such works as the first edition of Isaac Newton's *Principia* (1687), which introduced the law of universal gravitation; the first English edition of Euclid's classic work in mathematics, the *Elements of Geometry* (1570); Nicolas Copernicus's work on the structure of the solar system, *De revolutionibus orbium coelestium* (1543); and Charles Darwin's *On the Origin of Species* (1859).

The Tinsmans have long been associated with the Linda Hall Library. The Tinsmans firmly support the mission of the Linda Hall Library--"to develop, organize, preserve, and provide access to a pre-eminent collection...." Their hope is that their gift will ensure the continuation of a strong tradition of excellence by providing significant materials in the history of science for researchers world-wide to use in furthering our understanding of the world around us.

The Library is honored to be the recipient of the Tinsmans' generosity and also of the trust they have expressed in the Library's programs and services.

The Linda Hall Library is the largest privately funded library of science, engineering, and technology in North America. It is free and open to the public and serves a world-wide community of library users. The Library is located at 5109 Cherry Street, Kansas City, Missouri.

Kathleen L. Alshouse alshousk@lhl.lib.mo.us
Linda Hall Library
Home Page: <http://www.lhl.lib.mo.us>

American Society for Engineering Education
Engineering Libraries Division Newsletter
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