



### Local Section Volunteers

The Section is looking for volunteers to help out with the section leadership. If you are Interested in helping organize technical tours, helping college students, etc... Please contact any member of the Executive Committee or the section chair directly.

**2006-2007 Section Chair**  
**Chris Otto**  
[cottolax20@yahoo.com](mailto:cottolax20@yahoo.com)

### Engineering Achievements

How many of the 20th century's greatest engineering achievements will you use today? A car? Computer? Telephone? Explore a list of the top 20 achievements and learn how engineering shaped a century and changed the world.

*The Greatest Engineering Achievements ([www.Greatachievements.org](http://www.Greatachievements.org)) are copyrighted by the National Academy of Engineering. The Greatest Engineering Achievements of the 20<sup>th</sup> Century is a collaborative project led by the National Academy of Engineering with the American Association of Engineering Societies, National Engineers Week, the National Society of Professional Engineers, and 29 professional engineering societies. The purpose of the project is to highlight the impact of engineering on the quality of life.*

- 1.) Electrification
  - 2.) Automobile
  - 3.) Airplane
  - 4.) Water Supply and Distribution
  - 5.) Electronics
  - 6.) Radio and Television
  - 7.) Agricultural Mechanization
  - 8.) Computers
  - 9.) Telephone
  - 10.) Air Conditioning and Refrigeration
- ..... For more to the link below

[www.Greatachievements.org](http://www.Greatachievements.org)

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## Alan Needleman Honored by ASME



Dr. Alan Needleman of Providence, R.I., a Florence Pirce Grant university professor and professor of engineering at Brown University, was honored by ASME for his seminal contributions in the area of nonlinear mechanical response and failure of solids, structures and materials. He received the Daniel C. Drucker Medal at the Needleman-Tvergaard Symposium, recently held at Brown University. Dr. Needleman, an ASME Fellow, served on the Applied Mechanics Division's Executive Committee for five years and chaired the committee in 2000. He has authored/co-authored nearly 300 publications and has been recognized by ISI (Science Citation Index) as a highly cited author in both the fields of engineering and materials science. He earned his master's and Ph.D. in engineering at Harvard University.

### Applicants Needed: ECLIPSE

Applications for the **Early Career Leadership Internship Program Serving Engineering** are due by Dec. 1 for internships beginning at the 2007 Summer Annual Meeting. Women, non-traditional engineers and engineers in the workforce between three and 10 years are encouraged to apply.

For additional information and an application, go to [http://www.asme.org/Governance/Volunteer/Early\\_Career\\_Leadership.cfm](http://www.asme.org/Governance/Volunteer/Early_Career_Leadership.cfm). ASME staff contact: Mary James Legatski. [legatskim@asme.org](mailto:legatskim@asme.org)

### Check Out ASME News Online!

ASME News Online is an electronic resource for those who want to learn about ASME and the dozens of interesting programs and activities the organization and its members are involved in each year. ASME News also includes information and links pertinent to the governance of ASME, columns and features, include a monthly letter from ASME President Terry Shoup, industry news, calendars and events and more. Don't miss reading the September edition on [www.asme.org](http://www.asme.org)

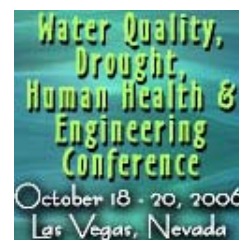
## ASME E-Library Expands to 75 Titles – Free to members!

In early Sept. 2006, ASME members gain access to 75 interactive, user-friendly references available on the newly expanded ASME e-Library powered by Knovel. To take advantage, members simply access ASME.org and log onto the members-only page. Members pay no charges for access.

Selecting from a large, diverse collection that includes *Mark's Standard Handbook for Mechanical Engineers*, *Handbook of Materials Selection*, *Mechanical Engineer's Reference Book*, *Structural and Stress Analysis*, *Pipeline Rules of Thumb*, *Mechanics of Materials*, and the *Manufacturing Engineer's Reference Book*, members enjoy additional benefits unavailable from printed references. Using embedded analysis software, they quickly locate data, analyze it, and export the results. For a complete listing of available titles, visit the e-library pages in Members only.

For the initial session on the expanded ASME e-Library, each individual can log onto the member-only page and register. For future sessions, the individual can simply log onto the members-only page and click on an icon, which opens the collection for use.

## ASME To Hold Conference on Water Quality in Las Vegas



ASME's Environmental Engineering Division will sponsor the 1st Water Quality, Drought, Human Health and Engineering Conference, Oct. 18-20, 2006, in Las Vegas, Nev.

The forum will address advances in water quality technology and provide solutions-based discussion and information exchange regarding activities and plans for improving the quantity and quality of water, the impact on human health and engineering and current policies from state and federal agencies. For additional information or to register, visit <http://www.asmeconferences.org/water06/>

## 2007 Johnson & Johnson Consumer Companies, Inc. Medal



The Johnson & Johnson Award, first presented in 2005, recognizes outstanding contribution to the promotion of diversity and inclusiveness within the engineering community. This award is open to ASME members and individuals who are members of a recognized/engineering or professional society.

The deadline for all nominations is Feb. 1, 2007. For additional information and forms, visit [http://www.asme.org/Governance/Honors/SocietyAwards/Johnson\\_Johnson\\_Consumer.cfm](http://www.asme.org/Governance/Honors/SocietyAwards/Johnson_Johnson_Consumer.cfm), or contact ASME staff contact: Mary James Legatski, [legatskim@asme.org](mailto:legatskim@asme.org)

### Diversity Action Grants Now Available!

Encourage your local ASME student section to apply for a Diversity Action Grant by the Nov. 1 deadline! This program enables ASME Student Sections to sponsor events which:

- Promote the inclusion of women and under-represented minorities in ASME Student Sections and in mechanical engineering,
- Inspire K-12 students to excel in science, technology, engineering and mathematics (STEM) education and/or,
- Assist minority - and/or women-owned businesses solve engineering design problems.

For more information, visit: [http://www.asme.org/Communities/Diversity/Diversity\\_Action\\_Grant.cfm](http://www.asme.org/Communities/Diversity/Diversity_Action_Grant.cfm) or contact Mary James Legatski at [legatskim@asme.org](mailto:legatskim@asme.org)

## Call For Applications – ASME/ABET

Have an interest in undergraduate education? If so, we need your help! We are currently seeking for new ASME/ABET Program Evaluators.

### **Role of a Program Evaluator**

Contribute to the continuous improvement of mechanical engineering, mechanical engineering technology, or related degree programs by evaluating them against a set of criteria. These criteria outline the requirements for faculty, facilities, curriculum, and other key program areas. In doing so, Program Evaluators help to assure the quality and vitality of Mechanical Engineering and Mechanical Engineering Technology degree programs. It's a lot of work, but it's also very professionally and personally rewarding.

### **Minimum Qualifications:**

- Demonstrates interest in improving education.
- Demonstrates desired competencies outlined in ABET's Competency Model.
- At least one degree in mechanical engineering, mechanical engineering technology, or a closely related discipline. Graduate degree preferred.
- 10+ years of work experience. Management experience a plus.
- ASME member or willingness to become a member prior to applying to serve as an evaluator.

### **How to Apply**

Applications are due by **Oct. 15**. To obtain an application and for more information, please visit [http://www.asme.org/Education/CertifAccred/Become\\_Evaluator.cfm](http://www.asme.org/Education/CertifAccred/Become_Evaluator.cfm). Minorities, women, and engineers working in industry are especially encouraged to apply.

For more information, contact Amy Bentow, manager, Education at [bentowa@asme.org](mailto:bentowa@asme.org) or 212-591-7880.

ASME's **e-mentoring program** is wonderful opportunity for Early Career members to receive guidance from an experienced engineer practicing in the field. Mentors are in the unique position of helping early career get the right training, find the right niche in mechanical engineering and allowing for a smoother transition into the working world.

Visit  
<http://htmlmail.asme.org/ementoring/index0906.html>

## Early Career Forum to Focus On Biotech/Pharma Industry

If you are interested in a career in the growing biotechnology and pharmaceuticals industry, then the ASME Biotech/Pharma Early Career Forum is a good place to start.

The Forum will address career options, provide case studies on current industry trends and show some exciting career opportunities in this growing industry. The Early Career Forum will be held Sept. 11, 2006, at the Sheraton Philadelphia City Center Hotel in Philadelphia, Pa. The event will be held in conjunction with the ASME Design Engineering Technical Conferences, Sept. 10-13.

Professionals in the early stages of their careers in project, design or support functions are encouraged to attend. To register or for more details visit <http://asmeconferences.org/IDETC06/BiotechPharma.cfm> or call 1-800-843-2763.

## Bill Bees of Cangene Will Keynote The 19<sup>th</sup> Annual ASME Bioprocess Technology Seminars



Bill Bees, senior vice president, Operations, at Cangene manufacturing facilities will deliver the keynote address at the 19th Annual ASME Bioprocess Technology Seminars, to be held Oct. 23-25 in Montreal, Canada.

Bees has over 25 years of experience at Cangene and is widely recognized in industry and government circles as an expert in blood and plasma safety, manufacturing and risk management. This year, the seminar will introduce a new 3-day training course entitled, "Aseptic Fill and Finish for Biopharmaceuticals." The conference will also include desktop exhibits, information exchange and an industry tour of Canada's National Research Council's Biotechnology Research Institute. For more information, or to register, visit: <http://www.asmeconferences.org/bioprocess06/index.cf>

## A Two-day *Career Enhancement* Program *For Early-Career Engineers* Nov. 5–6, 2006 Chicago Hilton, Chicago, Ill.

### Early Career Forum

Join your engineering peers at the 2006 Early Career Forum, taking place in conjunction with the ASME International Mechanical Engineering Congress & Exposition. The Forum will give you first hand advice and information on issues relevant to your career. Senior-level engineering students will also benefit from this important event, featuring top industry pros presenting key trends, opportunities, and expectations in the field.

### Early Career Development Track

Participate in the one-day only Early Career Forum program (advance fee: \$25 or onsite fee: \$30), or get even more valuable insights when you attend the first day along with the second day of technical sessions (advance fee: \$150/\$200 or onsite fee: \$175/\$225 – member/nonmember rates).

**Get details at:** [http://www.asme.org/Communities/EarlyCareer/Forum/Upcoming\\_Events.cfm](http://www.asme.org/Communities/EarlyCareer/Forum/Upcoming_Events.cfm)

## **2006-2007 Local Section Officers**

### **2006-2007 Section Chair**

**Chris Otto**

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### **2006-2007 Section Vice-Chair**

**Chris Otto**

[cottolax20@yahoo.com](mailto:cottolax20@yahoo.com)

### **2006-20076 Section Treasurer**

**Ron Ellis**

[J.L. Hermon & Associates](http://J.L.Hermon.com)

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### **2006-2007 Section Secretary**

**Brandon Martin**

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### **Past Chair**

**Jay Hurley**

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