

August Kickoff Party

The 2006-07 Kickoff Party was held on Thursday, August 31st. The rain kept the adults from getting hurt on the play ground, but fortunately the kids were still able to entertain themselves. The rain may have hurt turnout slightly, but it gave everyone there an opportunity to fellowship.

We were fortunate to have Lloyd Real cater the event again this year. He provided BBQ pork and chicken, BBQ beans, potato salad, pie and cookies for all.

Mary Bailey introduced the new section leadership, as well as laying out some of the activities planned for this year – which includes the Egg Drop Competition (see page 5). Also, see page 5 for pictures from Thursday night. We were also glad to have visitors from ASCE, ASQ and NSTCC attend and we welcome them back to any of our future meetings.

Looking Ahead to this Year's Programs...

October 19th – Emission Control at John Sevier Fossil Plant
TBD – Eastman Coal Handling Tour
 BAE Tour
 International Mountaintop Experiences
 AFG Tour
 Family Night

Checkout future newsletters to see upcoming meeting arrangements.

September ASME Meeting

Topic: "The Ups and Downs of Bridges"

Who: Dr. Henry Petroski

When: September 8th, 11:30-12:30

Where: Northeast State Technical Community College Auditorium

Credit: One (1) PDH, sign up for PDH with ASME at the meeting or contact David Copenhaver, 423-229-1481

Biography: Recently appointed by President Bush to the US Nuclear Waste Technical Review Board, Professor of Civil Engineering at Duke University

Sponsor: Northeast State Cultural Activities Committee

eChemExpo coming in October

The next **eChemExpo Solutions**

Marketplace will be held **Thursday, October 26, 2006** at Meadowview Convention Center. This **one-day** exposition and **Technology Innovations Conference** will feature some seventy solution providers demonstrating hundreds of products and services to save you time, increase profitability, and streamline plant operations. Visit www.eChemExpo.com for more details and complimentary **ASME** member registration.

Attend Holston Section Meetings and You Could Win!

Attend 75% or more of the Holston Section ASME monthly meetings from October to May and you will be automatically entered for a chance to win. A drawing for a gift certificate will be held next May for all qualifying members. Watch the newsletter and your e-mail for the time and location of the monthly section meetings. Then just attend, sign-in, and enjoy the meeting. See you there!

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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. ASME staff contact: Mary James Legatski, 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

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 or contact ASME staff contact: Mary James Legatski, 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 or contact Mary James Legatski at 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. Minorities, women, and engineers working in industry are especially encouraged to apply.

For more information, contact Amy Bentow, manager, Education at 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://htlmail.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.

More Local News!! - The Upper East Chapter of TSPE is sponsoring a 3-part series of online seminars on Ethics. This meeting is the first session of this Ethics forum entitled "Sustainable Development and the Environment". The session is scheduled for 12:30 to 1:30 PM on Wednesday, September 13, 2006. The seminar will be held in Conference PS1 of B-469 at Eastman. B-469 is located on Jared Drive adjacent to Gate 92.

The seminar is free to all TSPE membership. We will verify TSPE membership by valid membership card or by checking names against the Upper East membership list.

Non-TSPE members are welcome to attend the session, but will be required to pay a fee of \$10 to cover a portion of the cost of the seminar.

The seminar will be worth one professional development hour and each participant will receive documentation to that effect.

If you intend to participate, please respond to Scott Schallon, schallon@eastman.com or 423-224-0440.

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

Bill Bees of Cangene Will Keynote The 19th 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>

2006 Kickoff BBQ Pictures- Food, Fun, & Fellowship



Chair message / update on Community Egg Drop Contest:

A small team of ASME officers/chairs (the Egg Drop Committee) met in August to discuss organizing a community egg drop event in Kingsport during Engineers Week, February 2007. The objective of this event is to promote engineering, math and science in the community. The competition is to design a device that will protect an egg from breaking when it is dropped. Entrants will compete to design the device with the lightest weight, the fewest number of parts and the most accurate drop to a target. Two other ASME sections that have held successful egg drop events are in Winston- Salem Forsyth County (visit their website at www.wsfceggdrop.com) and Eastern North Carolina ASME section (visit their website at <http://competitions.asme.org/eggdrop/>). This is a one-day event, open to anyone with prizes for the top 3 winners in different age categories.

Various organizations have already been contacted by the Egg Drop Committee to determine their interest in supporting such an event. The good news is that Eastman has agreed to be a sponsor, and TSPE, ASCE and ASME members have also expressed interest in getting involved or supporting in some way. There will be another "Egg Drop Committee" meeting soon to continue planning and move forward with lining up sponsors, a location, and volunteers. The event will require a lot of volunteers, so if you think you may be interested in helping in any way, contact me at marybailey@asme.org, or 423-246-9135. Also if you know of anyone who would be interested in sponsoring the event, have them contact me as well.

Mary Bailey

Return Address
Street Number and Name
City, State 98765-4321

POSTAGE

ADDRESS SERVICE REQUESTED

Mailing Address
Street Number and Name
City, State 98765-4321