

## September Dinner Meeting

**September 26, 2006**  
**Vermeer Manufacturing Company,**  
**Pella Iowa**

5:30p.m. Tour of Vermeer Plant #7 Trenchless  
Equipment factory

7:00p.m. Dinner in Vermeer's Winner's Circle and  
Pavilion

8:00p.m. After dinner speaker/tour of product displays  
in the Pavilion

Vermeer is an Iowa company successfully doing  
business globally. Their trenchless equipment has  
revolutionized how pipelines, cable, and phone lines  
are installed underground. Their capabilities range from  
installing a 12 inch underground pipeline 1300 feet  
horizontally to putting a phone line under a sidewalk.

## Chair's Corner

September 2006

As we begin the 2006-2007 year, I would first like to  
thank Dave Glessner for his time, commitment, and  
leadership in serving as the Chairman of the ASME  
Central Iowa Section (CIS). We had a very  
successful year consisting of seminars, technical  
education, plant tours, recognition, and scholarships.

For this coming year, your Central Iowa Section  
officers are Dale Miller – Vice Chairman, Ashley  
Klingaman - Treasurer, Aaron Perrault –  
Secretary/Newsletter Editor –Max Gassman –  
Continuing Education & Membership Development,  
Dr. Eliot Winer - Student Advisor, Dr. Francine  
Battaglia – Webmaster, and Ted Mikels – Honors &  
Awards. Outgoing chairman Dave Glessner will  
continue to serve as Member Interests coordinator.

We have scheduled an excellent set of events this  
year.

Beginning September 26<sup>th</sup>, there will be a tour/dinner  
meeting at Vermeer Manufacturing in Pella, Iowa. In  
October, we will have a joint meeting with the ISU  
student section. November 9 will be a joint  
seminar/dinner meeting with SAE, ASAE, and SME  
in Waterloo. The theme this year is "Advances in  
Precision Engineering". In early December, we plan  
to host a technical seminar at ISU in Ames.

January's meeting will be in Algona for a tour of the  
"Hydrogen Engine Center", a company producing  
over 10,000 multi-fuel engines per year. We have  
ideas for February – May meetings. Please let us  
know if you can suggest an interesting topic or tour  
for the section in early 2007.

Ray Micheel, P.E., 2006-7 Section Chair  
[ray.micheel@emersonprocess.com](mailto:ray.micheel@emersonprocess.com)

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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)

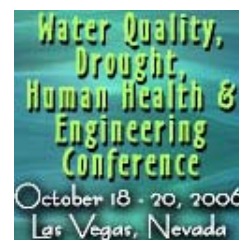
## ASME E-Library Expands to 75 Titles – Free to members!

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.

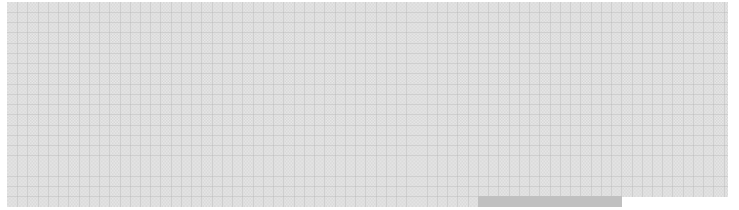
### **How to Apply**

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>



## Local Section

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