



April Dinner Meeting Tuesday, April 13, 2004 Cardinal Room, ISU Memorial Union

4:00 PM Continuing Education Seminar:
"Classical Analysis Compared to Finite Element Modeling and Analysis"

5:00 PM Social Hour

6:00 PM Dinner

After Dinner Speaker:
Don Wandling, Wandling & Associates
"Professional Ethics in Engineering"

Cost: \$ 16.00 member, \$ 20.00 non-member
\$ 3.00 student

Register: Sign up by noon, April 11th, at:
www.asme.org/sections/centraliowa

Chairs: Max Gassman and George Wandling

2 PDH'S Awarded to Participants

May Tour - PMX Industries Wednesday, May 12, 2004 Cedar Rapids, IA

5:00 PM Tour of PMX

6:30 PM Dinner at Bishop's

Don't miss this last event of the 2003-4 year!

Chairman's Corner

As I write this to you, I am traveling home from our March meeting in Des Moines. What a great tour we had on the 23rd at DeeZee in Des Moines, followed by an excellent dinner at Elwell's. Over 25 participants enjoyed this event, and all enjoyed the "bonus" gift of the beautiful pair of DeeZee gloves. Thanks to Bill Smith for an excellent job in chairing the meeting!

As the 2004-5 year comes to a close, we are winding up with two terrific events! Our April meeting in Ames will host a double-header seminar/dinner on April 13th, complete with a bonus of 2 PDH credit opportunities! Where else will you find a deal like that? Closing out the 2003-2004 year, we will join the Northeast Iowa section for an exciting tour of PMX in Cedar Rapids on May 12th. Mark these dates on your calendars now!

It's election time, and you can participate in choosing our 2004-5 board. We have a highly talented and energetic group of candidates (no, I am not running for re-election!). Please take 60 seconds to vote on-line on our web site. You'll feel so good after you do it!

Congratulations to the ISU Student Section for winning second place in the Region VII Ingersoll Rand "top section" competition! Way to go, Cyclones!

OK, you're probably thinking that I am making this up, but we have a third success story about the benefits of networking through ASME. (Names have been changed for privacy.) At our March meeting, "Ron" approached me and mentioned that his company was looking for one or two young engineers. When "Ron" sat down to dinner at Elwell's, he found himself sitting between two ISU student members, "Mike" and "Jeff". Both students are graduating in May and seeking engineering positions... Yes, you guessed it; they had a lot more than ISU basketball to talk about at dinner!

Steve Ephraim, 2003-4 Section Chair
ephraimstephenr@johndeere.com, Ph. 319-292-8181

IT'S ELECTION TIME !

Vote on-line for our 2004-5 CIS Officers !
www.asme.org/sections/centraliowa

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ASME Sponsors the 'P3' Award

ASME announced its partnership with the Dept. of Environmental Protection and other companies in the public and private sector to launch the 'P3' Award, which will provide grants to college students to design and develop sustainable solutions to environmental issues.

The P3 Award Competition has two phases: initially teams compete for \$10,000 P3 grants. Recipients use the money to research and develop their projects during the academic year. Then in spring 2005, the P3 grant recipients will be invited to Washington, D.C. to compete for the P3 Award which conveys additional funding for further design development and implementation.

The deadline for applying for the P3 Award is March 24. For more information, visit http://es.epa.gov/ncer/p3/designs_sustain_rfp.html or contact Julie Zimmerman, U.S. EPA Office of Research and Development at zimmerman.julie@epa.gov

ASME Announces Conference on Nanotechnology Growth in Biotech and Medical Devices

ASME's Nanotechnology Institute will sponsor a conference on growth opportunities for the Biotech and Medical Sectors in Nanotechnology from April 15-16 at the National Academies of Sciences and Engineering in Irvine, Calif.

The conference will provide engineers, business developers, professionals from the biotech and biomedical sectors and students solutions on how to capitalize on the next wave of new technology.

Attendees to the conference will receive a tour of the Integrated Nanosystems Research Facility at the University of California, Irvine.

To register for this conference, or for more information call InfoCentral at (800) 843-2763 or visit the website at <http://www.asme.org/events/nanobio>

Winning Strategies to Career Negotiations

Tips to getting that raise, promotion or new job

Prioritize your needs. Define your overall objectives in terms of responsibilities, work environment, salary and benefits— and keep these in focus throughout the discussion.

Consider the employer's needs. The more you understand what the employer is looking for, the more effectively will you communicate your value.

Strive for mutual understanding. "Put yourself in his shoes." If you keep in mind the other person's style and values, it's easier to overcome areas where you may disagree.

Actively listen. Focus on what is being said, rather than what you wish to say—otherwise you may miss subtle, verbal and nonverbal cues that convey the employer's needs.

Be open-minded. Believing there's just one way to arrive at a positive outcome is very limiting. Instead brainstorm several outcomes that are mutually beneficial and then keep an open mind—an unanticipated solution may present itself through dialogue.

Research salary data. Having objective salary criteria is absolutely critical. Objective data minimizes the emotion of the discussion, as well as provides third-party credibility.

Practice, Practice, ... Role-playing with a career coach, or other objective individual, will show you exactly what you are comfortable asking for and how you come across to others.

Visit ASME's Career Center at www.asme.org/jobs for more information on career building and negotiations.

Manage Transition with Ease: E-mentoring

Access a network of practicing engineers right from your computer!

Ask career questions, get a real-world perspective on day-to-day issues in the workplace and learn more about other career alternatives. A mentor can help you get the right training, find the right niche in mechanical engineering, and help you transition more easily into the working world.

There are over 300 Mentors from various backgrounds: Aerospace, Biomechanics, Design Engineering, Petroleum, Power, Pressure Vessels & Piping, Nuclear Engineering, Process Industries, Engineering Sales & Marketing and more.

E-mentoring is available to all ASME members with five years or less work experience in the engineering field. So sign-up for a Mentor today!

<https://secure.asme.org/signin/ementoring.cfm>

Contribute to METoday

Share your work/life experiences, expertise and/or lessons learned through the process of building your career. We are looking for non-technical career focused articles and/or ideas geared towards Early Career professionals.

Submit proposals to youngengineers@asme.org or mail/fax to: ASME, Attn: Cheryl Hasan, Three Park Avenue, New York, NY 10016 or (212) 591-8239, (212) 591-7437.

BDO's Grants Available to Sections

The Board on Diversity and Outreach's Partners in Mechanical Engineering (Partners) Program provides grants to ASME Sections for innovative projects and activities that support collaboration with local sections or chapters of organizations that support women and underrepresented minority groups in engineering.

Grants are awarded on a first-come, first-served basis and range from \$500 to \$1,000, depending on the size and scope of the activity.

Applications for Partners grants may be submitted throughout the year. For additional information, go to <http://www.asme.org/communities/diversities/bdo/partners.html>

Student Activity Calendar

April

April 15 [Summer/Fall Student Loans – Application Deadline](#)

April 16-17 [Fundamentals of Engineering Exam](#)

May

May 1 [Deadline for Pre-College Mini-Grant Applications](#)

May 16 [Student Manufacturing Design Competition – project description due](#)

May 30 [Young Design Engineers' Paper Competition – entry deadline](#)

June

June 1 Letter of intent for [Hydro Power Contest](#)

June 1 [Petroleum Division](#) Student Scholarship Program

June 30 [Solid Waste Processing Division](#) – Scholarships for graduate and undergraduate study – application due

June 30 [Student Section officer listing](#) due

June 30 [Student Section financial report](#) due

Member-Get-A-Member Campaign

Recruit new members and receive a 'Certificate of Volunteerism!' *

50% of their 1st-yr dues will fund scholarships for ASME student members. **Any member that has been out of school 4 years or less saves up to 60% on dues.**

Campaign Details:

<http://www.asme.org/membershipdrive/2003-2004/about.html>

Up to 60% dues savings:

<http://www.asme.org/member/info.html#dues>

*Must recruit 2 more new members to receive certificate.

The ASME Email Alias – Now With Virus Scanning!

Were you bombarded with unusual emails last month? MyDoomA, also known as Novarg or Shingapi, emerged last month in the form of a spam e-mail message that contained a well-disguised virus attachment. MyDoomA has been described as the most damaging attack since last summer's twin Blaster and SoBig outbreaks.

ASME has upgraded its anti-spam service to include virus scanning. All mail sent to your *@asme.org* email alias will first be scanned for viruses using McAfee, a leading provider of anti-virus software. Suspected virus-infected and spam emails are quarantined in Postini's inbox, where you can view, delete, or forward these messages to your inbox.

ASME has contracted these services from Postini, a leading provider of email security services, in response to the growing problem of unsolicited and virus-infected messages. Such services can cost as much as \$30 per year, but are available to ASME members for free!

Only addresses with the *@asme.org* domain can be registered for this service. If you are currently using the alias system, then you have already been activated. To create your ASME email alias, visit the "Members Only" site at www.asme.org. Shortly after your alias has been established, you will receive your Postini account information and temporary password.

To learn more about ASME's virus-scanning and spam-filtering services, visit <http://www.asme.org/email/>.

Local Section

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

POSTAGE

ADDRESS SERVICE REQUESTED

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