

February Dinner Meeting
Engineer's Week
Thursday, February 24, 2005
Howe Hall, ISU

5:00 PM Iowa State University students will kick off the evening with presentations by the Solar Car Team (**Team PrISUm**), the **Mini Baja Team**, and **ISU Formula SAE**.

6:00 PM Social Time

6:30 PM Dinner

7:30 PM Speaker – Technical

Presentation: Virtual Reality Applications Center by VRAC Staff

VRAC is an interdisciplinary research center focusing on the rapidly expanding interface between humans and computers. It will certainly be an interesting evening.

Cost: \$20.00 Professional/Faculty
\$5.00 Student

Register: Sign up by noon February 21 at:
<http://sections.asme.org/CentralIowa/>.
Meeting Chair: Katy Rice

Chairman's Corner

Happy New Year to all!

Without a doubt, last year was a very successful year and we are anxiously looking forward to 2005 - the 125th anniversary of the American Society of Mechanical Engineers. In an effort to kick off the New Year, we have scheduled an exciting event during Engineers Week (February 20-26, 2005).

On Thursday, February 24, 2005 at 5:00p.m. in Howe Hall on the Iowa State University campus, we will have a joint meeting with the American Society of Mechanical Engineers (ASME), the Society of Automotive Engineers (SAE), and Iowa State University (ISU) students and faculty.

Iowa State University students will kick off the evening with presentations by the Solar Car Team (Team PrISUm), the Mini Baja Team, and ISU Formula SAE. The presentations will be followed by dinner and also a technical presentation on the Virtual Reality Applications Center (VRAC).

Please take advantage of this special opportunity, visit Iowa State University's impressive facilities, and see the latest in ISU student activities and the faculty research that is turning ideas into a reality.

Also, the finals for the "Future Cities Competition" for Middle School students will be held during Engineers Week. The ASME Central Iowa Section has been involved in this competition. Regionals were recently held in January. The focus of the competition is to provide a fun and exciting educational engineering program for seventh- and eighth-grade students. Students address an engineering challenge through hands-on problem solving to present their vision of a city of the future. This is a great competition that promotes engineering to young students.

Presently, we are seeking candidates for the 2005-6 ASME Central Iowa Section Board. I encourage you to get involved and consider serving in future section activities - organizing a meeting, serving as an officer, or supporting ASME-CIS. Please drop me an e-mail.

Looking forward to an exciting Engineers Week!
Dr. George R. Wandling, 2004-5 Section Chair
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ENGINEERS WEEK®

FEBRUARY 20-26, 2005

Plan your activities for Eweek 2005!

This year's theme will focus on the international and the future. Co-chaired by ASME & BP p.l.c., Eweek will feature a partnership with *Engineers Without Borders*, a non-profit organization dedicated to improving the lives of others through environmentally and economically sustainable projects worldwide.

In addition to the EWB program, Eweek will continue to offer many other programs that will emphasize engineering's commitment to the future. Among them are: *Connecting the World to Engineering*, which brings engineering undergraduates and young professionals together with business leaders through use of technology; *New Faces of Engineering*, which showcases rising stars of the profession. New Faces now includes international engineers; *Introduce a Girl to Engineering Day*, which encourages women engineers to mentor girls and young women; and *Discover E*, which provides educational materials to more than 45,000 engineers who work with 5.5 million students and teachers in elementary through secondary schools annually.

For more information on Eweek, log onto:
<http://www.eweeek.org>

Turbo Expo 2005 to Host Gas Turbine Power Summit

An all-star panel of five of the world's leading power industry executives will be featured the keynote session at Turbo Expo 2005 in Reno, Nev., June 6-9.

Presidents and CEOs from GE, Pratt & Whitney, Rolls-Royce and Siemens Westinghouse Power will discuss future technology needs and market opportunities for gas turbines. Turbo Expo celebrates 50 years as a premier event for the international gas turbine community. For more details visit the Web site at <http://www.asme.org/igti/events/te2005/keynote.html>, or contact Kevin Gaffney at gaffneyk@asme.org

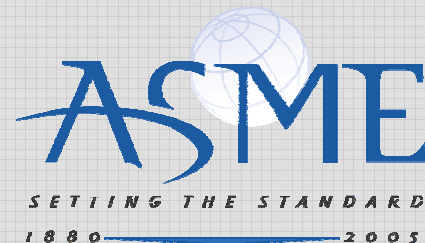
Engineers Without Borders Needs Mentors!

Interested in contributing your professional and technical knowledge to make the world a better place? Want to support engineering students as they help others while learning the practical aspects of engineering? Become a mentor for an Engineers Without Borders, USA (EWB-USA) team!

By becoming a professional member of EWB-USA, you will have the opportunity to mentor student projects in your local area and across the world. Each month, we send mentor opportunities to our network of professionals. EWB-USA is looking for engineers with an interest and expertise in such areas as fundraising, project management, water resources, renewable energy, structural design and cultural knowledge.

As a project mentor you will oversee all the technical aspects of a project and be responsible for the selection of technology, engineering design, and prototype testing and field implementation. Along with the technical aspects of engineering, an understanding of sustainable engineering practices, openness to learning about sustainable practices in other cultures and a sense of adventure are needed!

For information on mentoring, a complete list of current projects and to volunteer, visit the EWB-USA website at http://www.ewb-usa.org/get_involved_professional_mentor.html.



Celebrating 125 Years of ASME

Log onto www.asme.org/anniversary for up-to-date information on events for ASME's 125th anniversary, as well as how your local section can become involved.

Partners In Mechanical Engineering Grants Available

The Board on Diversity and Outreach is accepting applications for Partners in Mechanical Engineering grants. All ASME Sections are eligible to apply. Grants are made on a first-come, first-served basis. For more information, go to <http://www.asme.org/communities/diversities/bdo/partners.html>

ASME Offers Communities of Practice

Want to talk to your peers about technical matters, career and personal interests? Want to do that without going to a meeting or even leaving your desk?

ASME offers you a new tool to communicate, get the information you need and meet others with similar interests and concerns at the new ASME Communities of Practice site.

On the CoP site, you can join a community, suggest a new community, participate in discussions and polls, and post your own message or request to be notified when messages are posted on the community. It's your choice what communities you participate in, and how you choose to participate.

You will need to register the first time that you use the page, and set your preferences for your home page. It only takes a few moments – then you are ready to participate, or just observe the discussions. To date, there are already 143 communities and approximately 2,200 users. To visit the site, and test the features, go to www.cop.asme.org

Engineers Needed to Help in Middle School Science Classes

RE-SEED (Retirees Enhancing Science Education through Experiments and Demonstrations) is a Northeastern University program that prepares engineers and scientists to provide in-classroom support to middle school science teachers with teaching the physical sciences.

After completing a comprehensive FREE training program, participants volunteer in a middle school on a regular basis often with another volunteer as a partner. Since RE-SEED began in 1991, close to 500 volunteers have been trained in about 100 communities throughout the country offering about 500,000 hours of their time.

Upcoming training programs will be held in Massachusetts (Boston, Lowell, and Worcester areas), New York (West Nyack), and California (Palo Alto). If you would like to participate, but do not live in one of these areas, we will work with you to explore the possibility of starting a RE-SEED chapter in your area. You can reach us at 888-742-2424 or reseed@neu.edu. You can also visit us on the web at www.reseed.neu.edu.

Student Activity Calendar

March

* Entry deadline for the [Human Powered Vehicle \(HPV\) Competition](#)

March 1 Charles T. Main nomination deadline

March 5 [Fluids Engineering Division](#) Young Engineer Paper Contest abstract due

March 15 Application Deadline: [2005-06 ASME Scholarship](#)

March 15 [ASME Auxiliary Scholarship](#) – application deadline

March 15 [Petroleum Division](#) Student Scholarship Program – application deadline

April

April 10 Entry Deadline: [Solar Splash](#)

April 15 [Summer/Fall Student Loans](#) – application deadline

April 15-16 [Fundamentals of Engineering Exam](#)

April 30 [Human Powered Submarine Contest](#) – Closing Date for application and fee

April 30 [2005 ASME Student Mechanism Design Competition](#) – Letter of intent due

Attend your [Regional Student Conference](#)

EMentoring for Early Career Professionals

Sign up for one of our MENTORS - a network of practicing engineers that can offer you advice, direction and provide you with resources that you can use to manage your career.

Participation will give you the opportunity to expand your knowledge base, increase your communication and leadership skills and much more.

<http://www.careerlifeguide.asme.org/recentgrad/ementoring.html>

Continuity & Change Update

PMTF Decisions Continue Transition Process

The Project Management Task Force (PMTF) has made several key decisions enabling the Continuity & Change effort to move forward:

- All governing units of Sectors will be called Boards of Directors, replacing the current committee/council structures;
- The Center for Professional Practice and Development has been renamed as the Center for Professional Development, Practice and Ethics;
- And, a new project team template has been approved for [Knowledge & Communities](#).

For the latest information on Continuity & Change, log onto the newsletter:

<http://www.asme.org/change/IINEWSLTR0105.htm>

Nominate a Young Engineer Today!

Sponsored by the Old Guard Committee, the Young Engineers Award recognizes young engineers that have made great strides in the engineering profession, community and the work of the society and has continuous ASME membership since becoming a student member. Candidates for this year's awards should have earned his/her baccalaureate degree in Mechanical Engineering between the years **March 1, 1999 - March 1, 2001**. The grand prize is \$5000 plus a prepaid life ASME membership.

To learn more about the selection criteria and how to nominate, log onto:

<http://www.asme.org/cma/og/youngengineer.html>

17 ASME Student Sections Receive Over \$22,000 for Outreach Programs

ASME's Board on Diversity and Outreach (BDO) has awarded \$22,250 to 19 ASME Student Sections to promote activities which result in attracting more women and minorities to become active in ASME and in the engineering community. The monies are awarded through BDO's Diversity Action Grant (DAG) Program, a competitive grants program open to all ASME Student Sections. Detailed information on the DAG Program may be viewed at <http://www.asme.org/communities/diversities/bdo/dag.html>. The deadline for applying for grants for the 2005-2006 academic year is November 1, 2005.

Local Section

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

ADDRESS SERVICE REQUESTED

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

POSTAGE