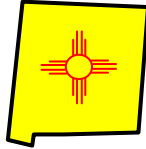




ASME International



New Mexico Section News

http://sections.asme.org/New_Mexico/

January, 2006

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Young Engineers - Jennifer Dugan
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JANUARY 18TH DINNER-MEETING

ASME AND THE NATIONAL ASSOCIATION OF ENVIRONMENTAL PROFESSIONALS (NAEP)

PROUDLY PRESENT:

Overview of the National Energy-Water Roadmap Initiative

By: Michael Hightower, Sandia National Laboratories

Energy and water are natural resources that are closely connected. Energy production and generation require significant volumes of water for hydro power, thermoelectric power plant cooling, air emissions control and scrubbing, fuels refining, and even fuels transportation. Likewise, water pumping, distribution, and treatment require significant supplies of energy. As our population continues to grow, there will be increasing competition over water to meet growing demands for domestic, industrial, energy, and agricultural uses. In June 2005, Congress provided funding to the Department of Energy (DOE) to develop a National Energy-Water Science and Technology Roadmap. This presentation will provide a short overview of the Energy-Water Roadmap process and schedule, and a short summary of the major issues, concerns, and needs identified during the recent Needs Assessment Workshops.

Date: Wednesday, January 18, 2006

Time: 5:30 p.m.: dinner, 6:15 – 7:30 p.m.: speaker.

Where: Fiesta's Restaurant, 4400 Carlisle Blvd. N.E., Albuquerque, (505) 881-0478. Fiesta's features Mexican and American favorites. No reservations required! Arrive with your party and order off the menu! Visa, MC, Discover and American Express accepted.

New Mexico Professional Development Hours (PDH's): The presentation qualifies for 1 PDH to meet the New Mexico Professional Engineering Registration continuing education requirements. Visit the New Mexico State Board of Licensure for PE and PS web page at <http://www.state.nm.us/pepsboard/regs1.html> for complete details.

Questions? Contact Holly Palmer (899-9551).

ASME GLOBAL COMMUNITIES:

Did you know that you are part of a global community?

What used to be regions is now, under the concept of “Global Communities”, made up of districts. There are currently 10 districts, made by combining what used to be regions. Turns out that our district is “District E”.

District E (formerly regions 10 and 12) has a district Leader by the name of Brett North (Brett can be emailed at: NorthBrett@netscape.net). District E is made up of; U.S. States of Arizona, Arkansas, Colorado, Louisiana, New Mexico, Oklahoma, Texas, Utah and Wyoming, and the Country of Mexico.

The vision of the Global Community is:

Global Communities will be Recognized as the Primary Source for Professional and Leadership Development of Engineers and Students; and for Effective Delivery of Technical Content; at the Local Level.

The mission of the Global Community is:

Responsively Provide Flexible, Value Added Leadership, Service and Support to geographical Units enabling them to engage and serve their members and customers globally, Advocate for Member Units, Develop Future Leaders, Partner with Technical and Affinity Communities; and other Sectors.

For more information on Global Communities, go to:

<http://districts.asme.org/communities.htm>

ASME E-MENTORING PROGRAM REVISITED:

In previous newsletters, we talked about the E_Mentoring program at ASME.

Perhaps you thought about being a volunteer, but you weren't sure if you wanted to get involved in something like that (at least that was what I thought at the time).

Following are some comments made by a person who made the leap:

“Being able to make a difference is the reason I joined ASME Ementoring program.”

“Most of my career has been spent in the design field for the pipeline industry, and I've designed many multi-million dollar projects with several companies. I've also taught at the college level and am a registered PE in Michigan. I'm working on completing my MBA with emphasis in Management and Technology, so I understand how difficult it is to balance your studies with the rest of your life.”

“I've mentored seven students in other programs and really enjoy advising on career selection and Master's selection and information. One of the students that I mentored traveled from Turkey to study for a master's degree at Georgia Tech and later wrote a paper for ASME on fluid dynamics. We corresponded over two years, and I wish we could have met in person.”

“For me, the program has been wonderful. I only hope that I am providing the service and information that the students will find helpful.”

For more information, see:

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

ASME STUDENT LOAN FUNDS FOR 2006:

Applications for the 2006 Summer/Fall Loan Cycle will be available online in February 2006.

Application Deadline: April 15, 2006.

The ASME Student Loan Fund has helped over 1,000 ASME student members with low interest student loans. The 2005-06 loan rate is a low 4.3% (fixed rate)! This is 1% below the Federal Stafford Loan variable rate. The Fund, which was started by a grant from the ASME Board of Governors, is sustained by student members repaying the loans after they've graduated, so it is truly engineers helping student members, members helping members! Qualified full-time undergraduate students in the United States, Canada, and Mexico may borrow up to \$3,000 per academic year to a maximum of \$9,000. Full-time graduate students may request an additional \$3,000.

You'll find the loan application process quite simple and over the past few years, over 90% of the applications have been approved! Why does the fund work so well? Simply put.....your fellow student members and colleagues who have graduated make it work well. The default rate on ASME Student Loans is less than 1%! If you are a full-time student in the United States, Canada or Mexico and need some financial help to complete your degree, take advantage of your ASME membership.....read on.

If you're not yet an ASME Student Member...

Note: The Student Membership Fee is \$25.00/year and you may apply for membership while also applying for a loan or scholarship.

To become a member online, go to:
<https://members.asme.org/catalog/joinasme.cfm?>

More info:
http://www.asme.org/Education/FinancialAid/Loans/Student_Loan_Funds.cfm

Early Career Engineer Essay Competition:

The Old Guard Committee of ASME invites you to participate in an Early Career Engineer Essay Competition. This competition was developed to engage early career engineers in communicating advice and guidance based on their own personal/professional experiences and relationship with ASME to new ME/MET grads. The winning paper will provide valuable words of advice to members just starting their engineering careers. It will be posted on the ASME Early Career website and will also be sent to all graduating student members encouraging them to consider the value of ASME in developing their professional careers and promoting membership and involvement in ASME. In order to qualify, the applicant must be a current ASME Member, who has between 4 and 10 years work experience after graduation. **The graduation date must fall between January 1, 1995 and December 31, 2001.** The paper format is essay and should be titled "Enhancing Your Career - The Value of ASME" including:

1. Explain why you have maintained membership in ASME
2. Explain the value of ASME in the development of your career

The paper should not exceed 2000 words or 6 pages, single-spaced and front-sided only, including a cover page. **An award of \$1,000 plus a lifetime membership (valued at \$2,500) will be given to the author of the winning essay.**

SUBMISSION DEADLINE

All entries must be emailed to Cheryl Hasan at hasanc@asme.org by March 1, 2006.

Please note that in submitting your essay for consideration, you will be granting ASME copyright and all rights of reproduction in ASME publication activities.

Go to:
http://www.asme.org/Communities/EarlyCareer/Old_Guard_Early_Career.cfm

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