



ASME International



## New Mexico Section News



[http://sections.asme.org/New\\_Mexico/](http://sections.asme.org/New_Mexico/)

September 2004

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Young Engineers - Jennifer Dugan  
Section Programs - Jennifer Dugan

\*Submissions due by the  
fifteenth day of the  
previous month

## SEPTEMBER JOINT DINNER MEETING WITH ASM

### MITIGATING THE CHEMICAL, BIOLOGICAL, & RADIOLOGICAL THREAT

**SPEAKER: DR. AL ROMIG**  
**VP, Nonproliferation & Assessments**  
**Sandia National Laboratories**

Dr. Romig will discuss how Sandia National Labs applies its advanced scientific, technological and engineering capabilities to help our nation and allies detect, repel, defeat, or mitigate the threat of chemical, biological and radiological weapons (CBRW).

**RSVP BY FRIDAY, SEPT. 24TH TO:** Brad Boyce at [blboyce@sandia.gov](mailto:blboyce@sandia.gov) or call (505)845-7525 to make reservations and menu choice.

### MENU CHOICES:

-Grilled Chicken in Herb Butter with Fresh Vegetable Medley and Chef's Choice of Potato or Rice

-Pasta Primavera - pasta, vegetables, garlic, and parmesan

-Sliced Roast Beef Au Jus with Fresh Vegetable Medley and Chef's Choice of Potato or Rice

\*All items served with salad, rolls and butter, freshly brewed coffee and iced tea

**COST:** Members and Guests \$15, Non-members \$20, Students \$5

**When: Thursday, September 30th, 2004**

**6:00 pm Social**

**6:30 pm Dinner**

**7:30 pm Program**

**Where: Holiday Inn Mountainview, 2020 Menaul Boulevard**

# SEPTEMBER 2<sup>nd</sup> TOUR OF ECLIPSE AVIATION



The smiles on our faces in this picture (in the showroom where you pick up your plane) of the ASME crew at the Eclipse Aviation Tour (held Sept 2) are an indication of how interesting the tour was. Eclipse Aviation seems very well set for success, as their jet is priced so much better than their competition and has the performance and reliability to boot. Rusty Mahoney (Sr. Sales Representative) gave a very interesting presentation and was kind enough to take this picture for us. The Eclipse Aviation website provides a lot of interesting information on their manufacturing and testing processes and much more. I especially liked the information on Laser Tracking for part inspection and Friction Stir Welding at the following website:

<http://www.eclipseaviation.com/progress/monthview.htm?yearx=2004&month=09#262>

## **The Boeing Company to Sponsor The 2004 ASME Student Design Contest Finals**

**NEW YORK, Sept. 7, 2004** - Technology is playing a key role in assisting the global community with the daunting task of locating undetected anti-personnel landmines, remnants of past wars and conflicts. According to the United Nations Association of the USA, 50 million landmines are buried and active in nearly 70 countries throughout the world. These mines injure or kill thousands of people every year.

This year, ASME student members have been asked to contribute to this noble humanitarian effort by participating in the 2004 ASME Student Design Contest, dubbed "Mine Madness," presented by ASME and sponsored by The Boeing Company.

Some of today's best and brightest mechanical engineering students from around the world will demonstrate their model-scale prototype devices - designed and built to retrieve landmines and to transport them out of harms way. Having already won competitions in their respective regions, the teams will prepare to participate in the finals competition to be held Nov. 14, during the [ASME International Mechanical Engineering Congress and RD&D Expo](#), in Anaheim, Calif., Nov 13-19.

Perhaps you remember the local section newsletter for May talked about our local student chapter winning 1<sup>st</sup> place in the competitions held in Denver on March 26-27. Let's hope they will make it to this competition and show them how it's done!

For more information about the 2004 ASME Student Design Contest visit the Web site at <http://www.asme.org/students/> or contact Tom Wendt at 847-680-5493.

## **Student Activity Calendar**

### **September**

Sept. 30 [Pressure Vessel & Piping Division](#)  
Student Paper Competition – abstract due

\* Attend your [Regional Student Leadership Seminar](#)

### **October**

Oct. 1 [Renewal](#) deadline for 2004-05 ASME Student Memberhip.

Oct. 15 [Application deadline](#) for Winter/Spring student loans

Oct. 21 2004-05 [Graduate Teaching Fellowship](#) – application deadline.

Oct. 29-30 Fundamentals of Engineering Exam

\* Attend your [Regional Student Leadership Seminar](#)

## **Budget Cuts at the National Science Foundation Will Hinder Engineering Research Programs**

**NEW YORK, Sept. 8, 2004** - The ASME Council on Education has issued an opinion statement to the U.S. House of Representatives outlining the need to provide more funding than has been allocated in the 2004-2005 federal budget for the research and education programs of the National Science Foundation.

NSF in 2004-2005 will receive about \$5.5 billion, representing a 2 percent cut from the agency's fiscal year 2003-2004 budget allocation. The Bush Administration requested a 3 percent increase in FY 2004-2005 for NSF, which supports nearly 50 percent of government-funded non-medical research and facilitates the creation of a skilled science and engineering workforce.

"We are concerned that cuts in basic research, particularly engineering, which plays a crucial role in economic development, will result in lost opportunities," states the letter.

The statement also disapproves the 40 percent reduction in funding for the NSF Math and Science Partnership, which ASME believes to be an essential program for steering bright young men and women into technical careers. To review the complete position statement, visit [www.asme.org/gric/ps/ps04.html](http://www.asme.org/gric/ps/ps04.html).

## **ASME's 125<sup>th</sup> Anniversary in Full Swing!**

Log onto [www.asme.org/anniversary](http://www.asme.org/anniversary) for information on events to take place during 2005, as well as historical material and information on how you can get involved.

## **New Mortgage Benefit for ASME Members!**

Wachovia makes the mortgage process easy by providing competitive rates, quick approvals, and accurate closings. Members also receive friendly, personal attention through an ASME-dedicated mortgage team.

For details, visit <http://www.wachovia.com/misc/0,,507,00.html>

## **Make Your Contribution to the FasTrack E-zine Today!**

The FasTrack is emailed to early career members (previously known as the young engineer). It provides quick online access to what's new and current in professional & technical resources including highlighting featured member benefits and enhancements, etc. Please see the current FasTrack issue:

<http://www.asme.org/youngengineers/fastrack>

The FasTrack e-zine features a special section called "**Q&A with Experienced Engineers (Five Career Questions Asked)**" and we invite you to share your experience. The idea is to feature an engineer each month responding to the same 5 questions. Among the questions posed are:

When you first started your career, what was the biggest lesson you learned on the job? What is the underlying foundation for career success today? How do you keep up-to-date within your industry? What advice would you give a recent engineering graduate looking for work? Has your involvement in ASME changed or influenced your career path?

If you are interested in contributing, please send your response to all of the above questions to Cheryl Hasan at [hasanc@asme.org](mailto:hasanc@asme.org). Please include your name and job title, as it will be included in the section.

The first 5 to respond will receive:

**THE PARATOOL®.** (**PARATOOL® Offer expires Sept. 30, 2004**). The PARATOOL, a most comprehensive multi-purpose folding tool chest, over 20 features, an unprecedented combination of capability for its size and low cost. Superior Hand Comfort, Angled Plier Head Capability, More Blade Components, Adjustability.

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