

Return to the Moon Harrison Schmitt

On Saturday, October 15, the Section will host former astronaut and senator Harrison Schmitt. This will be a dinner meeting at Fuller Lodge, from 5:00 until 7:30, and Harrison will be presenting a talk entitled "Return to the Moon". Also at this talk, a previous LANL employee will be receiving an award as an ASME Fellow. Seating is limited. For more information contact Brian Smith, at bsmith@lanl.gov, or phone at 665-2666. More information can also be found at the NNMASME website, <http://sections.asme.org/nnmss/>.

Officers for 2005-2006

Chair : Zana Konecni (Konecni@lanl.gov)
Vice Chair: Partha Rangaswamy (partha@lanl.gov)
Treasurer: Jessica Clark(Jessica.Clark@Merrick.com)
Secretary: Anthony Puckett(apuckett@lanl.gov).
The executive committee meets every 6 weeks to discuss Section Activities. If you would like to join us please contact Anthony apuckett@lanl.gov

GD&T Classes

NNM ASME Section organizes GD&T classes. For more info contact Zana (Konecni@lanl.gov) or visit our web site at <http://sections.asme.org/nnmss/>.

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Welcome to the New 2005-2006 Year

As the new section chair I would like to inform you of the activities Northern New Mexico Section is planning for the upcoming year. There is an opportunity for all the members to participate in whatever role they choose. That is what makes this section strong and very prosperous. This is what we plan for the upcoming year and how the members can help.

Dinner / lunch talks and meetings
We need speakers and ideas for these meetings. Please volunteer to help setup a meeting or provide a speaker. Contact our Vice Chair Partha at partha@lanl.gov

Science Fair (January 2006)

Los Alamos Schools organize Science Fair in January 2006. We need a champion to do the following:

- Buy prizes
- Be in contact with LA Schools
- Organize Judges
- Judge
- Present prizes at the Award Ceremony

Please contact Catherine French (cafrench@lanl.gov) or Zana Konecni (Konecni@lanl.gov) for more info.

Science Fair Demo Table

We need help with manning an ASME table and demos for the local elementary schools Science Fair. Every school has a Science Fair in January which is well attended and it is an excellent opportunity to show what engineers do elementary grade students. To volunteer please contact Zana Konecni (Konecni@lanl.gov)

One Stop for ASME Member Support

Now that ASME has moved on from Continuity & Change to the Implementation phase, one of the obvious changes will be in how we support our members. Now that our field offices have been closed, member support has been consolidated in the ASME Information Central. Should you need to contact ASME with questions regarding your membership, you'll only to call one phone number, or send one email.

Phone: 800-843-2763

Phone: 001-800-843-2763 (Mexico)

Phone: 973-882-1170 (Outside North America)

Fax: 973-882-1717

Email: infocentral@asme.org

For a full list of contact information, please go to:

<http://regions.asme.org/closures>

Engineering Week - Discover E

This activity is during Engineering Week in February 2006. We organize a fun filled afternoon for the local community. This is held in the LAHS Cafeteria. We need help with:

- Engineering Demos and activities
- Set-up, removal
- Advertise in Los Alamos and Northern New Mexico
- Order food and help serve it
- Bring Girl Scouts and help with badges
- Bring Boy Scouts
- Registration and Info table
- Buy supplies
- Deliver flyers at local schools

Please contact Zana Konecni (Konecni@lanl.gov) for more info.

Career Fairs

We receive calls for volunteers for Career Fairs in Northern New Mexico. If you enjoy what you do and want share with others please contact Zana (Konecni@lanl.gov) and Partha (partha@lanl.gov)

ASME Lunch Talk November 2005

Dr. David DeCroix of D-division has kindly agreed to give a talk in the area of Plume and industrial effluent modeling. David and his team have been working on this area for a number of years. David will talk about the plume modeling codes which predict the concentration and temperature of a release as function of space and time as the effluent flows in and around the buildings and obstacles. In the presentation he will show several simulations of plumes, show how these plumes would look as seen by a hyperspectral instrument and will discuss the effects of steady state and temporally evolving plume concentration and radiance on the sensors minimum detectable quantity.

He came to LANL in 1999 as a GRA (Ph.D from North Carolina State University), became a postdoc, then a staff member in 2003. At LANL he works in the Decision Applications division, group D-5, Nuclear Design and Risk Assessment, where he is the Computational Fluid Dynamics and Aerosol Transport Team Leader. He works on general CFD problems and turbulent transport and diffusion, particularly in the urban atmospheric boundary layer. Before coming to LANL he worked in Rockwell International after obtaining a BSME and MSME in Bradley University.

ASME Turquoise Scholarship

Northern New Mexico Section of ASME donated \$20,000 to the Los Alamos National Laboratory Foundation to start an endowed scholarship. It is a \$1000 a year scholarship that will be awarded every year. The section would like to increase this to a 4 year scholarship that will be awarded every year. The application and selection of appropriate future Mechanical Engineering students will be handled by LANL Foundations. We will present the scholarship at an Award Ceremony in spring. We hope that this scholarship will promote Mechanical Engineering in Northern New Mexico. For more info contact Zana (Konecni@lanl.gov)