



MECHANICAL ENGINEERING NEWS

May 1, 2007

A newsletter for the UML Mechanical Engineering community (also available online at <http://mechanical.uml.edu>)

Contact john_mckelliget@uml.edu with any items you would like to see included in the newsletter

Calendar

Monday April 30, ME Seminar, 11:45 a.m., KI 309. Dr. Polychronopoulou from the University of Cyprus will be speaking about Cr-Containing Nanostructured Hard Coatings deposited by PVD techniques.

Tuesday, May 2, Graduation Celebration. 10.00am – 2.00pm, Cumnock Hall Auditorium

Wednesday, May 2, ME Seminar, 11:30 a.m., KI 309. Prof. Majid Charmchi will be speaking about Gasification of Biomass and Sulfur-containing Carbonaceous Fuels.

Friday May 4, College of Engineering Graduating Student Banquet. 6.00 p.m - 10.00 p.m. Lenzi's Catering, Dracut. Graduating students are free, Guests \$35.

Saturday May 5, Graduate Students Association Spring Awards Banquet, 5.00 – 9.00 p.m., Cumnock Hall Auditorium. \$10

May 8 & 10 Capstone presentations, K 309, 2.00-4.30 p.m.

May 10, College of Engineering picnic, (date may change)

Thursday May 10, Friday Schedule

Friday May 11, Last day of classes

Friday May 11, COE Faculty retreat.

Sunday June 3, Commencement.

Department of Mechanical Engineering Awards 2006-2007 Academic Year

Dean's Graduate Gold Medal

Nels Wirkkala



Dean's Undergraduate Gold Medal

Chad Gibson



Grad School Outstanding Graduate Student - Berke Gur



Mechanical Engineering Outstanding Graduate Student Lisa Gamache



Mechanical Engineering Service Award

Annette Chasse
Sarah Tremblay
Alan MacLean



Craig Douglas Undergraduate Research Award

James Cushman
Annette Chasse
Timothy Lewis
John Mooskian
Corey Morris



Mechanical Engineering Team Leadership award

Konstantine Fetfatsidis
Michael Galeski
Chad Gibson



Department Graduate Student Honored.

In addition to being named GSA Outstanding Graduate Student, Berke M. Gur, of the Structural Dynamics and Acoustic Systems Laboratory is a co-recipient of the 2007-2008 Graduate Scholar Research Award. This annual merit based fellowship is usually granted to a single doctoral candidate at the UMASS Lowell campus. This year the award is being shared between two students. The award consists of a year stipend for living expenses and a full tuition and fee waiver for the academic year.

Village Empowerment Peru Partnership recognized as Carter Finalist



On Monday, April 9th at a formal dinner ceremony, the University of Massachusetts Lowell and the Peruvian Ministry of Health were recognized for their collaboration in the *Village Empowerment Partnership* by being nominated as finalists for the State's Jimmy and Rosalynn Carter Partnership Award for Campus-Community Collaboration.

The two other finalists were the Harvard University's Phillips Brooks House Association with the Boston Youth Fund, and the final award winner was Northeastern University, Wheelock College, Suffolk University's collaboration with Jumpstart's Roxbury School Readiness for All Initiative.

Short films, made by Emerson College, about each of the three partnerships were shown during the ceremony.

The mission of the Jimmy and Rosalynn Carter Partnership Foundation (JRCPF) is to "foster academic service learning (ASL) in higher education with grants and awards for ASL best practices and innovative new ideas that improve the lives of people in the community and improve student education."

In Massachusetts the award is administered by the Massachusetts Campus Compact, a higher education organization representing 65 college and university presidents.

Since 1997 the Village Empowerment Peru Partnership has had a total of 100 students and volunteers make 20 trips to Peru to install 75 sustainable systems in 35 remote villages in the western Andes.

If you are interested in more information, please see the website below, or talk to mechanical energy professor John Duffy, EB332.

Congratulations on this statewide honor!

- Linda Barrington

Relevant Websites:

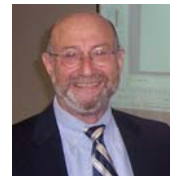
<http://www.jrcpf.org/>

<http://energy.caeds.eng.uml.edu/Peru/index.shtml>



Prof. Shina in Print.

Prof. Sammy Shina of the ME department recently published an article entitled "The Use of Six Sigma Principles for Successful RoHS Implementation"



The change over to lead free solder creates an excellent opportunity to evaluate new materials and upgrade manufacturing processes that will result in improved quality and a lower maintenance cost.

The article appeared in the April 2007 edition of **Printed Circuit Design & Manufacture**, pp. 28-32.