



MECHANICAL ENGINEERING NEWS

April 11, 2006

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

April 11	Last day to drop UG course
April 12	ME Seminar – Peter Parziale, BAE
April 14	Advising ends
April 19	International night out – Cumnock
April 22	FE Exam
April 17	University closed
April 19	Monday schedule
April 26	ME Seminar – Ken Lown, SUN
April 27	ME Advisory Board Meeting
April 28	University day
May 3	Sigma Xi Banquet
May 5	Graduating student banquet
May 5	Graduate School Banquet
May 6	Assistive Technology Design Fair
May 11	Capstone Presentations
May 11	Last day of class
June 4	Commencement

Announcements

- Advising ends Friday the 14th. Please see your advisor before then. Advising lists are posted on the notice boards in the computer lab and outside the ME office. Profs. Niemi and Gorbatikh are on leave this semester. Alternative advisors have been assigned, and are indicated on the advising list.
- Last chance to fill out a DIG form for June or September graduation and to get in the Commencement book. I think we have everyone – but you never know.

Mechanical Engineering Seminar Series

As part of the regular Mechanical Engineering Seminar Series, department alumnus Frank Alcutt (BSE '99, MSE '02) presented a talk on his career at BAE Systems. He described a number of projects that he had worked on at BAE and then condensed his professional experience into a list of tips for success. Although Frank graduated as a mechanical

engineer, much of his work at BAE has been related to antennas.

The ME seminar series usually features a guest speaker from industry, who is often a graduate of our program. The seminar series is extremely useful for both graduate and undergraduate students to get an idea of what is entailed in the mechanical engineering profession and what to expect after graduation.



Frank Alcutt

ME Seminars are held on Wednesdays at 11.30 in K303. There is free pizza and soda provided. The next seminar is on April 12, and features Peter Parziale (BSE '94, MSE '96) of BAE systems "*Ten Years in the Engineering World (Some Thoughts on Work Experience)*."

New Arrival.

Prof. Larissa Gorbatikh and her husband Erwin are proud to announce the birth of their first child, Konstantin. He was born in Belgium on March 24, 2006 and is a healthy baby of 2960 grams and 48 cm (you do the conversion). Both mother and son are doing very well.



ME Scholarships Awarded

The following students were recently awarded ME department scholarships for the 2006-2007 academic year.

John Dunfey Scholarship - Ernest Carrington
Albert Peterson Scholarship - Christina Sambursky
Kenneth Rogers Scholarship - Ellen Heerlein

These are one-time scholarships ranging from \$500 to \$1000. If you are interested in applying for a scholarship for the 2007 -2008 AY (awarded March 2007) please submit an application form to Betti Fortin in the Dean's office.

Intern Positions at Bodycote HIP

Materials Engineering Intern

Bodycote HIP is seeking an undergraduate student in materials engineering, or mechanical engineering with a strong interest in materials science, for employment as an intern. The ideal candidate will be enthusiastic about learning many aspects of how materials engineering is utilized in an industrial environment, including but not limited to, materials

testing, metallography and microscopy, technical support for internal and external customers, commercial R&D, quality control, evaluation of testing methods including statistical analysis, operation and maintenance of laboratory equipment, and evaluating technical literature.

Mechanical Engineering Intern

Bodycote HIP is seeking an undergraduate student in mechanical engineering for employment as an intern. The ideal candidate will be enthusiastic about the approach of practical engineering solutions in an industrial environment. The intern will work closely with maintenance personnel learning how to apply basic engineering principles to solve both simple and complex equipment problems, including but not limited to, tracking and analysis of daily equipment problems, proposing solutions with supporting data, and the inclusion of operations staff in the design approach.

Bodycote HIP (Hot Isostatic Pressing) is part of the global metals processing corporation, Bodycote International plc, the industry leader in both HIP and heat-treating services with annual sales in excess of \$800 million. The Technical Group in Andover supports both the HIP and heat-treating plants throughout North America. Long-term opportunities for advancement within the corporation are possible.

Please submit your resume to:

Ms. Kathy Barnett
Human Resources Manager
Bodycote HIP, Inc.
155 River Street
Andover, MA 01810
Katherine.Barnett@bodycote.com

Intern Positions at EPA in Boston

Great opportunities exist for paid summer internships at the Environmental Protection Agency in Boston. <http://www.epa.gov/ohr/student/summerregion1.htm>
Deadline is in May.



**DEPARTMENT OF
MECHANICAL
ENGINEERING**

University of Massachusetts at Lowell