



MECHANICAL ENGINEERING NEWS

September 26, 2005

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

Any items you would like to see included in the newsletter or any suggestions/comments?

Please email them to: Julie_Chen@uml.edu or leave them with Jackie Paradise in the Mech Eng office.

Mechanical Engineering Seminar Series - Speakers for Fall 2005

Sept 14	Frank Pechinsky, Raytheon
Sept 21	Holly Yanco, UML Computer Science
Sept 28	Pete Avitabile, Successful Resumes
Sept 28	John Coulter, Lehigh Univ (3:30pm)
Oct 5	Pete Parziale, BAE Systems
Oct 12	Sam Chow, Intrinsic Therapeutics
Oct 19	open
Oct 26	Bob Riemer, Analogic
Nov 2	open
Nov 9	open
Nov 16	Brad Kinsey, UNH
Nov 30	open

Looking for a Job??

The mechanical engineering Website (<http://mechanical.uml.edu>) contains a number of links to job related resources. On the left bar, scroll down to "Jobs/Careers", where information can be found on CO-OP Jobs, Full-Time Jobs, ME Dept Jobs, College Jobs, and UML Career Services

COOP Jobs is a UML College of Engineering site that lists current COOP opportunities. These are mostly local companies that have contacted one of the engineering departments looking for COOP students. **Full-Time Jobs** is the same, but for full-time permanent positions. **UML Career Services** is the main UML resource for placing students and alumni. All students should set up an account there, and visit the Website and the offices in Southwick 200 on a regular basis. **ME Dept Job Page** is an independent Web service that posts nation-wide job vacancies. It also allows you to post your resume.

ME Student Advisory Council

Professor McKelliget is looking for graduate and undergraduate students who are willing to serve on the ME Student Advisory Council (MESAC) for the 2005/2006 academic year. The objectives of MESAC are:

- To improve the student experience within the ME department
- To improve the ME programs
- To provide rapid feedback between ME students and ME faculty

Ideal membership is two students per undergraduate year, and two graduate students, one of whom should be a graduate of the BS Program. In practice we usually try to have more members, as students can not always make every meeting. The Chair of the department meets with council members at least twice a semester. Two members of the council attend the ME (Industrial) Advisory Board meeting once a semester.

The student members of the council have the responsibility to represent the views of the students in the ME department on any and all issues of concern to the students. These issues include curriculum, facilities, individual courses and instructors, pet peeves, life in general etc. The Chair of the department has the responsibility to listen to the views of the students and to provide them with feedback in a timely manner. If it is necessary for the Chair to talk to individual faculty members as a result of a meeting he will not divulge any student identities to that faculty member.

If you are interested in participating please send an email to john_mckelliget@uml.edu. Past members are welcome to reapply.



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LDS/Dactron Donates Equipment

Dominic Acquarulo, President of Ling Dynamics Systems is pictured with Peter Avitabile and John McKelliget with one of five Dactron FFT analyzers that were donated to the Mechanical Engineering Department for use in the laboratory.



These are state of the art FFT analyzers fully equipped with all available options for measurements involving vibration, acoustics, rotating equipment to name a few features commonly used. The total donation is valued at \$175,000 for the five units with all options and software enabled. These will provide significant additional capabilities for the lab.

Pizza and People - ME Seminars (Wednesdays at 11:30am in Kitson)

What is life is like as a Mechanical Engineer once you graduate? What types of jobs and companies are out there? What should I really be learning in these classes?

The answers to these and many other questions can be found by attending the regular Mechanical Engineering seminars on Wednesdays at 11:30am. Announcements of the upcoming seminars are posted (and listed in the ME-Newsletter). Free pizza and soda is provided by the department.

Robot Attack!

A high school team (Whitinsville, <http://www.wcsrobotics.com>) supported by UML undergrads came in second at the Battlecry@WPI 6 FIRST robotics competition this summer (<http://www.wpi.edu/News/Events/BattleCr>).

The *FIRST* (<http://www.usfirst.org/>) Robotics Competition is an exciting, multinational competition that teams professionals and young people to solve an engineering design problem in an intense and competitive way. In 2005 the competition reached close to 25,000 high-school-aged young people on close to 1,000 teams in 30 competitions. Our teams came from Brazil, Canada, Ecuador, Israel, Mexico, the U.K., and almost every U.S. state. The competitions are high-tech spectator sporting events, the result of lots of focused brainstorming, real-world teamwork, dedicated mentoring, project timelines, and deadlines.

For more information, contact: Joe Beauregard at sburro@msn.com



DEPARTMENT OF
MECHANICAL
ENGINEERING

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