



MECHANICAL ENGINEERING NEWS

September 5, 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

Sept 1 Deadline to sign up for Fall FE exam
Sept 5 Engineering BBQ, 12.00-3.00
Sept 18 End Add/Drop
Sept 27 Dean's list reception
Oct 9 Columbus Day, University Closed
Oct 10 Monday schedule
Oct 16 ABET Visit
Oct 28 Fall FE Exam
Oct 30 Advising Begins
Mar 1 Deadline to sign up for Spring FE Exam
Apr 21 Spring FE Exam

comments and criticisms that Bob makes – he is trying to teach you something.



Bob Ladebauche

Welcome

Welcome back to all our returning students, and a big welcome to our new freshmen and transfer students. This is an important semester for the Department. During October we will be having a site visit from our accrediting body – ABET. Some of you will be selected (by the visitors) to meet with the ABET team.

I encourage students to get more involved with the Department. I will be organizing new membership of the ME Student Advisory Council (MESAC) and all graduate and undergraduate students (including, and especially, freshmen) are encouraged to participate.

- Prof McKelliget

Machine Shop Open-Hours

The Department machine shop will hold student “open-hours” every Wednesday, commencing September 13. Students can work on their own private projects, or on school related projects. Bob Ladebauche will have absolute veto powers over any project that he considers unsuitable or a safety hazard. The open-hours will be run on a professional basis and engineering drawings, with dimensions and tolerances, must be submitted. Please listen to all

Faculty Changes

Prof. Gorbatiikh resigned at the end of the spring semester – for personal reasons.

Prof. Niemi is back!

We have two new faculty members starting this semester. Byungki Kim, originally from Korea, works in the field of metrology and precision measurement. He will be helping out mainly in 22.201 and 22.202. Emmanuelle (Manu) Reynaud, originally from France, is a materials scientist, and you will be most likely to see her in 22.296.



Byungki Kim



Emmanuelle Reynaud

Graduating Senior Banquet 2006

The College of Engineering Graduating Senior Banquet was held on May 5 at the Westford Regency. Pictured below are the mechanical engineering students who attended the banquet. Congratulations to all!



Capstone Presentations

Capstone design projects were presented on May 11. 22.423 Capstone Design is a course that all mechanical engineering students must take. The word “capstone” suggests that the course caps-off the curriculum in the sense that all of the material learned in the curriculum is potentially used in developing a major design project. Capstone projects in the mechanical engineering department are usually in one of four general areas:

- **Industry Based.** These projects are performed

in collaboration with local industry.

- **Community Based.** These projects are traditionally related to the Peru Project, but increasingly they involve assistive technology, or other service type projects.
- **Laboratory Based.** These projects involve undergraduate students working in the Department’s graduate laboratories.
- **Professional Society and Organizations Competitions:** These projects involve competitions sponsored by professional societies’ student chapters. Examples would be SAE projects such as BAJA or Formula, or participation in the Robotics First Competition.

The photo below shows the team that designed and built a jet engine



Commencement 2006

Shown below are some of the students who graduated in May 2006

