



MECHANICAL ENGINEERING NEWS

March 28, 2003

A newsletter for the UML Mechanical Engineering community (also available online at <http://m-5.eng.uml.edu>)

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

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

Mechanical Engineering Seminar Series - Speakers for Spring 2003

Mar 26 John Seymour, Applied Mechanics
Apr 2 John Mirageas, FLIR Systems
Apr 9 Rick Greenwald, SIMBEX
Apr 16 Ton Vasko, Pratt & Whitney
Apr 23 Gene Niemi – UMASS Lowell
Apr 30 Lou Goodman – UMASS Dartmouth

Mechanical Engineering Seminars

John Seymour – Applied Mechanics

John Seymour gave an excellent overview presentation of some of the design and analysis efforts on gas turbines from a mechanical engineering perspective. He also gave some great insight into some of the obstacles of transitioning from student to practicing engineer.

Some Other Events of Interest

AIAA & IEEE New England Seminars - Speakers/Events for Spring 2003

Apr 7 Stanley Herwitz – Orchestrating a Solar Power UAV in Airspace – presentation at MIT contact pwyong@mit.edu
May 7-8 2003 Spring IEEE Conference on Technologies for Homeland Security: Requirements, Technologies, Operations and Funding
www.ieee-boston.org/homeland.htm
May 10-11 Air May Fair centennial of powered flight – Harvard-Boston aviation meet at Plymouth Airport (Plymouth)
June 21 Air & Space Day 2003 – family educational science event – highlighting Hood blimp, NASA's MAEL and experimental aircraft – Tewksbury, MA

Engineering Futures Workshop – Saturday March 29th 10am-3pm

An Engineering Futures workshop is being sponsored by Umass Lowell Chapter of Tau Beta Pi, the national engineering honor society. The Engineering Futures workshop is an interactive training course in personal and leadership skills development, problem solving, and teamwork developed specifically to help engineering students be successful in their careers. The session being held is specifically oriented towards people skills, including aspects of problem confrontation and motivational tools in a team or work environment. The skills being taught are definitely important to engineers both as students and in the working world. This workshop is open to *all* students.

Because all engineering students would benefit from this experience, I am asking for help in encouraging your engineering students to attend. Also, a list of students in attendance can be made available to those who wish to use the workshop as extra credit. In the past, Dean Vedula has given extra points to the students in the Intro to Engineering class for attending. There is no cost to attend and lunch will be provided. The sessions are both fun and exceedingly useful for any future engineer. This workshop is a nice compliment to the workplace preparation goal that the College of Engineering appropriately emphasizes.

Student Advising

March 31st through April 11th

Advising and pre-registration is just around the corner. Don't wait for the last minute to meet with your advisor. Everyone's schedules are tight so try to sign up early for a meeting with your advisor.



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Practice Interview Sessions - April 3rd 3:00pm

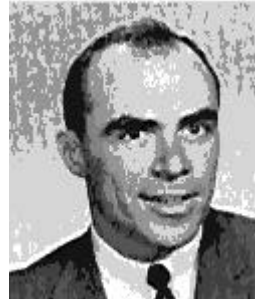
Just before spring break, a resume writing workshop was held to help define some of the critical items that are needed in order to have a good resume. Now that you have a resume that is available for job applications, the next step is to prepare yourself for the interview process. This can be a very difficult experience – especially when you have no idea what to expect when you arrive at your first interview. You certainly don't want to botch that first interview since it may turn out to be your perfect job. A poor presentation of yourself to the interviewer may cost you a job for which you may be well-qualified. You certainly don't want that to happen

In order to help you with the interview process, a practice interview session will be held on April 3rd at 3pm (place to be determined). This mock interview will be conducted by some of the members of the Mechanical Engineering Advisory Board while they are here for their Spring Semester visit.

Depending on the number of people who sign up, the interview will last anywhere from 10 to 20 minutes and the interview may be conducted by either one or two separate Board Members. You should come prepared for a “full dress rehearsal” – that means that you should be dressed suitable for an actual interview and have a copy of your resume (in whatever form it may be) available for the interviewer. Following the interview, a collection of Board Members comments will be assembled and a follow-up session will be conducted to discuss some of the strengths and weaknesses that the interviewers observed.

You should seriously attempt to take advantage of this opportunity. You want to take this opportunity to make all your mistakes where the consequences are minimal and not during your actual interview with a potential company. A sign up sheet will be available outside Prof. Pete Avitabile's office (you can contact him with any additional questions).

Can you identify any of these 1967 “young” faculty members ???



DEPARTMENT OF
MECHANICAL
ENGINEERING

University of Massachusetts at Lowell