



# MECHANICAL ENGINEERING NEWS

May 10, 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](mailto:Julie_Chen@uml.edu) or leave them with Jackie Paradise in the Mech Eng office.

## Mechanical Engineering Seminar Series - Final Speakers List for Spring 2005

<b>Feb 16</b>	Larissa Gorbatikh, UMASS Lowell
<b>Feb 23</b>	Pete Avitabile, Successful Resumes
<b>Mar 2</b>	open
<b>Mar 9</b>	Hongwei Sun, UMASS Lowell
<b>Mar 11</b>	Paul E. Sojka, Purdue
<b>Mar 23</b>	Steve Semuskie, Tyco Electronics
<b>Mar 30</b>	Bob Parkin, UMASS Lowell
<b>Apr 6</b>	Wayne Stanley, BE-ST
<b>Apr 13</b>	Todd Gross, UNH
<b>Apr 20</b>	open
<b>Apr 27</b>	Steven Niemi, Parker Hannifin

## SPOTLIGHT ON: Companies



Parker  
([www.parker.com](http://www.parker.com))

For those of you who missed the last ME Seminar, here is a brief summary of the company represented by Mr. Steven Niemi (yes, he is the son of our own esteemed Professor Gene Niemi).

Founded in 1918 by engineer-entrepreneur, Arthur L. Parker, Parker is currently a \$6 billion dollar global company with 48,000 employees in 45 countries. Core product groups include Aerospace, Automation, Climate & Industrial Controls, Filtration, Fluid Connectors, Hydraulics, Instrumentation, and Seals. Local groups include: Nichols Airborne (Devens, MA), Pneumatics Division – Watts Fluidair (Kittery, ME), Pneutronics (Hollis, NH), Fluid Control (New Britain, CT), Nichols Portland (Portland, ME), Balston Filtration and Separation (Haverhill, MA), Chomerics EMI shielding (Woburn, MA). Several of our UML alumni are Parker employees.

## College of Engineering Open House

On Sunday April 3, 2005 the College of Engineering (COE) held its annual open house for admitted students. This open house is specifically targeted at students who have been admitted to the COE (and their parents). Since many of the students attending have not decided on UMASS Lowell as their final choice, we try to make as good an impression as possible. An important aspect of the open house involves tours of departmental laboratories. A selection of pictures from these tours is included here.

The success of this, and the other open houses we hold, depends on a group of dedicated faculty, staff and students who give up their Sunday to help the department and the college. I would like to extend my thanks to all those involved from the department (*Peter Avitabile, Joseph Beauregard, Glen Bousquet, Jonathan Burt, Andrew Bombassaro, Annette Chasse, Patrick Drane, Don Elias, Chris Graham, Jeff Hodgkins, James Joyce, Bob Ladebauche, Joshua Michaud, David Nazarro, Jackie Paradise, Richard Russo, Rebecca Shaw, Sammy Shina, Peter Tavilla, Mat Thoren, Sarah Tremblay*).

-- John McKelliget, Department Chair.



Josh Michaud, Chris Graham, Jonathan Burt, and Peter Tavilla, at the ME department table in Cumnock Hall.



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Patrick Drane (Staff) and Rebecca Shaw (Masters program) from the Baseball Research Laboratory



Departmental machinist Bob Ladebauche talks to prospective students and their parents in the “new” machine shop, recently renovated with a \$10,000 gift from the Raytheon Corporation.



Chris Graham (graduating senior) explains the wind tunnel to a group of visitors



Society of Automotive Engineers members Mat Thoren, James Joyce and Don Elias (all graduating seniors) describe the mockup of the SAE Formula car.



DEPARTMENT OF  
MECHANICAL  
ENGINEERING

University of Massachusetts at Lowell