Welcome MIE IAB

April 30, 2010
Co-Chairs

John Stuart

&

Paul Washburn
Vision

- Students
- Excellence
- Synergy
Undergraduate Program

Dorothy Adams
Undergraduate/Graduate Secretary

James Rinderle
Associate Professor,
Associate Department Head &
Undergraduate Program Director

Mechanical & Industrial Engineering
Undergraduates: First Year Reception
Undergraduates: Fall Senior Night
ME/IE Career Workshop

Still looking for a job after graduation?
Feeling kinda stressed about it?
Don’t know what else to do?
Need some help?

The world needs you. So let us help you get there!

- Learn some networking techniques
- Have your resume reviewed
- Learn how to search for companies
- Find out the extra steps you need to take to get the job you want!

Date: April 21st, 2010
Location: ELAB-II Auditorium
Time: 5:00 – 6:30 pm

Pizza will be provided
BRING YOUR RESUME

careers@ecn.umass.edu

Engineering Career Services
Please RSVP to
Undergraduates: Spring Banquet

MIE Banquet

Tickets can be purchased in the MIE office (E Lab 219).

The banquet will take place Friday 4/23 at Union Station in Northampton. Cocktail hour will begin at 6:30pm and dinner will be served at 7:30pm.

Tickets cost $20 for faculty members and their guests, and $13 for students, staff members, and their guests.

Students can vote for professor and adviser of the year by filling out a banquet form in the MIE office. You do not need to attend the banquet to vote, simply leave the ticket information blank.
Undergraduate Program Activities

College of Engineering Career and Student Development Center

Pratt and Whitney 2010
Undergraduate Program Activities

Current Computer Lab Space
Undergraduate Program Activities

Dr. Jessica Townsend
Assistant Professor of Mechanical Engineering
Franklin W. Olin College of Engineering
Graduate Program

Dorothy Adams
Undergraduate/Graduate Secretary

David Schmidt
Associate Professor & Graduate Program Director
Graduate Students: Fall Poster Competition
Graduate Student Fall Party

Jenna Marquard
Graduate Student: Faculty Lecture

Ashwin Ramasubramaniam

• B. Tech., Indian Institute of Technology (Mumbai), 1999
• Sc. M., Brown University, 2002
• Ph. D., Brown University, 2005
• Research Associate, Princeton University, Aug. 2006 - Aug. 2009
Yahya Modarres-Sadeghi

- B.S., Sharif University of Technology in Tehran, 1998
- M.S., University of Tehran, 2001
- Ph.D., University of McGill
- Postdoctoral Associate at the Department of Mechanical Engineering of Massachusetts Institute of Technology.
New Graduate Student Recruiting Day

MIE Recruiting Day
March 5, 2010
Welcome!

8:45 – 9:30: Breakfast, Kellogg Room, Elab II (maps attached)

9:30 – 11:30: Faculty Presentations

12:00 – 2:00: Lunch and Posters, Kellogg Room, Elab II

2:15 – 3:30: Meetings with Faculty*

4:00 – 5:00: Free time

5:30: Dinner with Graduate Students & Faculty at Bertucci’s, Amherst

*Please make your own meeting arrangements, in advance, by emailing faculty members directly. See who is doing what at: http://www.ecs.umass.edu/index.pl?id=9948&cat=category&cp=show
FSI 2010

A One-Day Workshop on Fluid-Structure Interactions

Thursday, April 8, 2010

Department of Mechanical and Industrial Engineering
University of Massachusetts, Amherst

Kellogg Room, ELab II

Program

10:00 Opening Remarks, Donald Fisher, University of Massachusetts, Department Head
10:10 George Em Karniadakis, Brown University
11:00 Luca Caracoglia, Northeastern University
11:45 Poster Presentation – ELab II
2:00 Michael S. Triantafyllou, Massachusetts Institute of Technology (MIT)
2:50 Jame F. Manwell, University of Massachusetts, Amherst
3:30 Break/Poster Presentation – ELab II
4:00 Francisco J Huera-Huarte, Universitat Rovira i Virgili (URV)
4:50 Rémi Bourguet, Massachusetts Institute of Technology (MIT)
5:40 Closing Remarks
Graduate Students: Graduation

You’re Invited

M.I.T. Graduate Convocation Ceremony
Date: May 13, 2010
Time: 3:00 p.m.
Place: Gampel Student Center

RSVP: Dorothy Adams
(adams@eecs.umass.edu)
Graduate Program Activities

Wind Energy Certificate
Incoming students may choose one of two options for earning their Master's of Science in Mechanical Engineering: (1) The Thesis option or the (2) Coursework option. Students must declare which option they are pursuing when applying to UMass. Students may only switch programs with the permission of the MIE Graduate Program Director.

The requirements of the Coursework option are:
1) The student must successfully complete at least 30 graduate (500 level or above) credits.
2) At least 21 credits must be at the 600 level or above.
3) At least 21 credits must be Mechanical and Industrial Engineering courses.
4) A maximum of 6 credits can be for independent study.
5) The student must take four of the MIE Core courses (see the Thesis option description for a listing).
6) Credits that apply to any other degree program, with the exception of graduate certificate programs, cannot be applied to this degree.

Master's students who select the coursework option will not usually be considered for assistantships or tuition waivers.
Your group now has a job board!

Share and discuss jobs with group members here. Like all discussion, it's free! Want your job to be seen by thousands of mechanical and industrial engineering professionals across LinkedIn? Get started.

Entry-level Associate Advanced Manufacturing Engineer
Posted 7 days ago by Inderpal Singh, Associate Advanced Manufacturing Engineer at CR Bard
Follow discussion | Delete | Add comment »
Excellence: Students

Robert Daniello

Jonathan Rothstein
Precision Slip Wins Innovation Challenge

Precision Slip – a team led by mechanical engineering graduate student Robert Daniello and his faculty advisor, Dr. Jonathan Rothstein of the Mechanical and Industrial Engineering Department – has won the $50,000 grand prize in the University of Massachusetts Amherst Innovation Challenge Final Business Plan Competition. The winning team plans to produce drag reducing marine coatings, a nanotechnology developed by Rothstein that will dramatically cut fuel consumption and significantly increase speed of watercraft.

The Innovation Challenge is a competition for the best innovation-driven business plan produced by students, recent alumni, and faculty advisors at UMass Amherst.
Excellence: Faculty

Joseph I. Goldstein
Goldstein Named Fellow by Microscopy Society of America

Professor Joseph Goldstein, the distinguished professor in the Mechanical and Industrial Engineering Department and former dean of the College of Engineering, has been named a Fellow in the Microscopy Society of America. During his prominent career, Professor Goldstein has been presented with numerous awards and honors, including the 1999 Henry Clifton Sorby Award from the International Metallographic Society, the 2005 Leonard Medal to honor outstanding contributions to the science of meteoritics and closely allied fields, and the 2008 Duncumb Award for Excellence in Microanalysis, presented by the Microbeam Analysis Society. He is also a Fellow of the American Society of Metals, and even has an asteroid named after him, “Joegoldstein,” a heavenly body five-to-15-kilometers-in-diameter located in the asteroid belt between the orbits of Mars and Jupiter.
Excellence: Staff

Jennifer Suglia Kramer
Excellence: Chancellor’s Citation Award

The annual Chancellor's Citation Award recognizes and honors employees who have demonstrated exemplary and outstanding service to the University in one or more of the following ways:

--Original contributions
--Attainment of high priority objectives
--Service "beyond the call of duty"
--Significant improvements in productivity and/or operational savings
Synergistic Activities - NSF

- Engineering Research Center
  - University of Houston Lead
    - UMass Amherst, Texas A&M, UT Dallas, UPRM
  - MIE Faculty
    - Manwell, Lackner, McGowan,

- IGERT
  - MIE Lead
    - Public Policy, Environmental Studies
  - MIE Faculty
    - Baker, Lackner, Manwell

- I/UCRC
  - MIE Lead
    - Five industry leaders in wind energy
  - MIE Faculty
    - Jim Manwell
Synergistic Activities - DOE

• Center for the Advancement of Building Systems (CABS)
  – MIT Lead
    • UMass Amherst
  – MIE Faculty
    • Danai, Baker, deBruyn Kops, Perot, Hyers
Synergistic Activities - ONCHIT

• Office of the National Coordinator of Health Information Technologies
  – Computer Science Lead
  – MIE Faculty
    • Fisher, Marquard
We Thank You!

MIE Faculty, Staff & Students