Agenda
Mechanical & Industrial Engineering Highlights

- **Jonathan Rothstein**, Assistant Professor.
  - National Science Foundation CAREER Award
  - Office of Naval Research Young Investigator Award

- **Joe Goldstein**, Distinguished Professor
  - Leonard Medal of the Meteoritical Society
  - Distinguished Faculty Lecture Series

- **Robert Hyers**, Associate Professor
  - Young Leader Award, The Minerals, Metals, and Materials Society

- **James Manwell**, Professor
  - Academic Achievement Award, American Wind Energy Association
  - Over 1 Million in Research Funding

- **Larry Ambs**, Professor Emeritus
  - Lifetime Achievement Award, Industrial Assessment Center
Mechanical & Industrial Engineering Highlights

- **Robert Gao**, Professor
  - Fellow ASME

- **Patty O’Brien**, Senior
  - Leadership Program, Society of Automotive Engineers (SAE)

- **Caroline Linehan**, Senior
  - Senior Leadership Award, UMass Alumni Association

**In the News**

- **“Deep Pressure Vest”** Boston Globe, Sunday Republican
  - *Brian* Mullen, PhD, Sundar Krishnamurty, Interim Head

- **“Portable Seat Belt”** Boston Globe, Portsmouth Herald News, Berkshire Eagle, Worcester Telegram, WFCR, Channel 40
  - Josh Doolittle, Junior, Sundar Krishnamurty, Interim Head

**Undergraduate Degrees Awarded**

- More than doubled since 2004
Bylaws and Election

- Bylaws modified and ratified
- New Co-Chairs:
  - Paul Washburn & John Stuart
Undergraduate Curriculum

- See Jim Rinderle’s Presentation
- Discussion on Program Objectives
Outreach and Alumni Activities

- Krishnamurty
- What can the board to help
  - Student Fellowship
  - Research Projects
  - Reaching to Alumni
  - Reaching to Industries
  - Fundraising
Alumni Event

- How to market ourselves better
  - Contact Alumni may not be sufficient
  - Better marketing to industries, NE in particular
    - Good business for them

- Alumni Event
To Get Started

- Alumni Get-together
- Build on the success of the breakfast meeting
  1. Make it annual
  2. Ask for money
  3. Tie it to a cause
- Site-specific Get-togethers with large number of alums
  - Example: Events at Gillette, Pratt & Whitney
  - Invite the community
  - Prioritize of what you want as your goal before hand
  - Try to get Jack Wilson and VPs of companies
  - State: Sec. of Education and/or legislators in leadership roles
PTC Proposal – John Stuart

- Theme?
- Sub-Committee
Students’ Meeting Summary

- Gazi
  - Closer to home
  - Cost
  - Safety School
    - Better and higher ranked than other schools
  - Retention
    - Weak in math
    - Courses are difficult
    - 124 (Visual Basics), 210 (Statics), 310 (Dynamics)
    - Engineering Math
  - ECE351
  - Not enough hands on
Students’ Meeting Summary

- Gazi
  - Independent Study
    - Miscommunication/lack of information
  - FEA/CFD tools

- Paul
  - IE – similar to ME
    - Good reputation
    - RPI vs. Umass
  - Curriculum:
    - Course frequency -
    - Flow Chart +
    - Limited Electives
Students’ Meeting Summary

- Paul
  - Network optimization – on the list - not offered
  - Professor extremely helpful +
  - Interested in what we do
  - Undergraduate TAs
  - Liked courses with HW and Projects
  - 373 is a model

- Curriculum/ABET Sub-Committee
  - Paul, Gazi, Caroline, David, Laura

- PR/Alumni Event Committee
  - Cher, John, Tom, Paul B., Srini