

KETTERING INDUSTRIAL ECOLOGY TEAM

KIET NEWSLETTER



Issue 3

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KETTERING UNIVERSITY

Upcoming Events

- Merry Christmas and Greetings of the Season to you and yours from Kettering University.
- **SAVE THE DATE:** The next Advisory Board Meeting is tentatively scheduled for Monday, October 1, 2007. It will be hosted by John Bradburn of General Motors and will be held at the GM facility in Pontiac, MI. We look forward to some formal and informal discussions about assessment of our new course and initiatives happening in the academic and industrial settings of our advisory board members.

Guest Speaker Series

Thank you to John Bradburn and Gabe Wing for coming to the Kettering campus and speaking to the entire student/faculty/staff population. John spoke in the Spring and Summer terms using a "Deal or No Deal" format on the topic of Environmental Leadership initiatives at General Motors. He actively engaged the audience using \$100K candy bars as incentive to participate. Gabe Wing addressed the fall term with a Perfect Vision of

Sustainable Product Design at Herman Miller. We look forward to having Gabe return to address the A-Sections students during the winter term. All of our advisory board members are invited to come to campus twice, once for the A-Section and once for the B-Section, to address the entire campus community. Dave Rinard from Steelcase is tentatively scheduled for Spring and Summer 2007 and we invite volunteers for subsequent terms.



GEO student Design Contest winter!

New Faces

Marty Goldstein is our new external evaluator. She is responsible for the assessment and evaluation of our project defined in the National Science Foundation grant DUE # 0511322. She has been providing various rubrics for use in assessing student work in our course development. She will also be building a website for the project to allow us to more effectively share our efforts with the public.

IME 540

Environmentally Conscious Design and Manufacturing will be offered for the first time to A-Section students in Winter 2007. The six teaching faculty have been working hard to finish building modules, agree on the assessment process, develop a syllabus, schedule time slots, and advertise the course to students. We are excited and a bit nervous about

our first opportunity to teach the course. The first chance to present the outcomes from the course will occur at the American Society of Engineering Education Conference in June. Terri Lynch-Caris will be presenting a paper in the Industrial Engineering Division with results from the first offerings

Course Module Development



KIET member Jackie El-Sayed is a professor of Mechanical Engineering at Kettering. She spent the summer at the Daimler-Chrysler GEMA facility where she worked with industrial advisory board member Jalone White-Newsome. Jackie and Jalone have been working together to develop Module 4: Process Design and Improvement. Jalone is planning to teach the module using

her experience as an Environmental Specialist at GEMA. In this module students will be introduced to methods for identifying the most environmentally damaging part of the manufacturing process flow and the need for reducing energy consumption and waste.