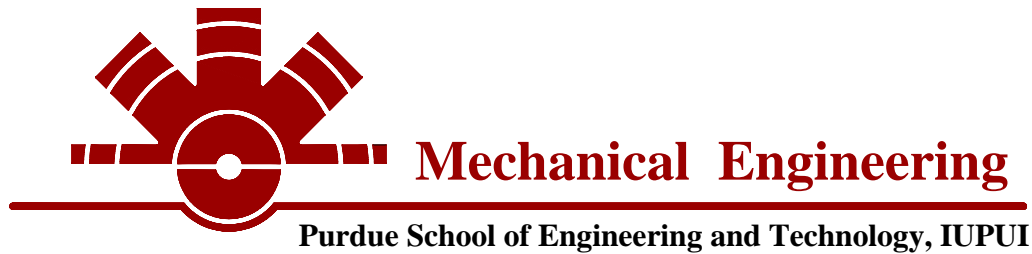


May 2005



The IUPUI Department of Mechanical Engineering experience (<http://www.engr.iupui.edu/me>) continues with great success in research and teaching. The mechanical engineering program was reviewed by ABET in fall 2004 and all indications are that the B.S.M.E. degree will be re-accredited for another six years.

What have some of your favorite professors been doing? Department Chair **Dr. Hasan Akay** was elected as a Fellow Member of the American Society of Mechanical Engineers (ASME) for outstanding contributions to engineering education and practice. **Dr. Andrew Hsu** became the Associate Dean of Graduate Programs for the School. **Dr. Razi Nalim**, a Fulbright Professor, enjoys sabbatical this spring semester as he teaches at the University of Moratuwa in Srilanka. In addition, the department had a staff change; **Kelly Koher** replaced **Phyllis Koch** who now works in the Department of Mechanical Engineering Technology.

A new multidisciplinary undergraduate research institute (MURI) has been installed within the School to foster multidisciplinary and team research with **Dr. Hasan Akay** as the director. The department is also working on three major research initiatives with partial funds from the Indiana 21st Century Science and Technology Fund and other agencies, to explore and develop fuel cells and active materials, advanced propulsion systems, microgravity flames, and a virtual reality cad/cam training system. Collaboration with industry is stronger than ever with exciting R&D projects currently being conducted with companies such as Cummins, Eli Lilly, and Rolls-Royce. The students in our capstone design course, ME 462, work on real-life design projects sponsored by industry under the mentorship of **Dr. Jie Chen** each semester, competing for the \$1,500 *Rolls-Royce Best Design Award*. Best Access Systems, Bishop Steering, Carrier, Eli Lilly, Peerless Pump, and Zimmer are among the recent sponsors. The new Industrial Advisory Board that has been in effect since fall 2001 has been a driving force in development of these relationships.

Effective fall 2004, the department was approved to launch a new Ph.D. degree program jointly with Purdue University School of Mechanical Engineering at West Lafayette. This program is expected to increase the level of research and education in the department, while increasing collaboration with Purdue, West Lafayette. Also new in the department is a five-year combined B.S.M.S. degree program where students will receive both B.S. and M.S. degrees in five years making our graduates enter the high-tech workforce via a fast track.

The 2005 **Top 100 Outstanding Student Awards** sponsored by the IUPUI Alumni Association included 19 engineering and technology students. This award is given to those students who demonstrate academic excellence as well as outstanding extramural activities including civic and campus services. Eight of those were mechanical engineering students, two being named in the Top 10. **This year's top IUPUI Male Award went to Vincent Liaw an ME student!** We are proud to note that the mechanical engineering students are bright, hardworking and extremely involved!

Do we have your email address? Send your email address for current information on ME to Katy Crichlow at cacrichl@iupui.edu.

Jaguar Fans!

Did you know the Purdue School of Engineering and Technology, IUPUI has twelve student athletes? **Not only that but five of those are Mechanical Engineering students!** Moreover, the outstanding ME seniors of 2002/03 and 2003/04 as well as the outstanding junior of 2004/05 academic years were all top athletes. These hardworking students represent IUPUI through sports and participate in numerous mediums including soccer, golf and volleyball. Many of them were honored at *Clash @ Conseco* on February 3, which was sponsored by our School and the E&T Alumni Association and was the first time IUPUI played in the beautiful facility!

On Sunday, May 8, IUPUI celebrated the accomplishments of the graduating class of 2005. The Department of Mechanical Engineering watched twenty-eight undergraduate and seven graduate students receive diplomas. Congratulations new graduates!

The annual **ME Alumni BBQ** is coming up on June 18. You won't want to miss this fun event at the home of Dr. Hasan Akay, chair. Watch the mail for your invitation! For more information contact Kelly Koher in the Department of Mechanical Engineering at 317-274-9717 or kkoher@iupu.edu.

Mark Your Calendar!

June 18, 2005
ME Alumni BBQ

August 24, 2005
IUPUI Fall Classes Start

September 16, 2005
Purdue Engineering and
Technology Student
Scholarship Golf Classic
www.engr.iupui.edu/alumni

September 17, 2005
10:00 a.m. – 2:00 p.m.
Explore IUPUI!
*Bring your family or perspective
student to our campus open
house for a day of fun!*