

Mechanical Engineering @ Iowa State



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ME student will be marshal for undergrad graduation ceremony

The College of Engineering has named Jared Ramthun to be the student marshal who will lead the engineering graduating class into Iowa State's undergraduate commencement ceremony on Saturday, May 9. Ramthun, who is concurrently earning a bachelor's in mechanical engineering and a master's in business administration, was selected for this honor from nominees submitted by each of the college's departments. He has chosen Terrence Meyer, assistant professor of mechanical engineering, as his faculty escort.

Kelkar's co-authored ASME journal paper is a popular download

Visitors of the ASME digital library made Atul Kelkar and Jianjun Shi's paper, "Feedback Linearization Based Generalized Predictive Control of Jupiter Icy Moons Orbiter," one of the top 10 downloads in January 2009. Kelkar is a professor of mechanical engineering, and Shi, advised by Kelkar, graduated from Iowa State in 2005 with a PhD in mechanical engineering.

ME department receives Women's Enrichment grant

LeAnn Faidley, assistant professor, Shankar Subramaniam, associate professor, Bethany Juhnke, junior in mechanical engineering, and Janelle Miranda, program assistant for undergraduate education, collaborated to apply for the Women's Enrichment grant available through the Office of the Executive Vice President and Provost.

The team was awarded \$5,000 in seed funding for its "NEST: A Nurturing Environment for Women in Science and Technology Research" project, which will help introduce undergraduates, especially female students, to research opportunities in the department.

Future ME student is Veishea scholar

Brittany Petrick of Cedar Rapids, Iowa, was featured in the Veishea 2009 program as a Veishea scholar. Petrick will be entering Iowa State as a mechanical engineering major this fall.

She is involved with the Justice for Our Neighbors Immigration Clinic as a Spanish translator, Students for Positive Choices/Above the Influence, Spanish tutoring, the Academic Decathlon, the Physics Olympics, volleyball, weightlifting, and the Electric Vehicle Club, as well as being editor in chief of the yearbook.

ME department to have booth at Invent Iowa

After presenting at the P&S Council's Retention and Recruitment Committee Forum, Janelle Miranda, program assistant for undergraduate education, and Amy Carver, program assistant for graduate education, were invited by the College of Engineering's Enrollment Services and Precollegiate Programs office to help showcase Iowa State University during the Invent Iowa program on April 25, 2009.

Invent Iowa, the state's invention convention, allows Iowa State to showcase the best of the university to an audience of 1,200 to 1,400 K-12 participants and their families by way of booths and displays that are set up in Hilton Coliseum. Miranda and several students will attend the event to represent the Women in Mechanical Engineering program and the department's K-12 outreach efforts.

Levitas receives the International Einstein Award for Scientific Achievement

Valery Levitas, Schafer 2050 Challenge Professor, recently received the International Einstein Award for Scientific Achievement from the International Biographical Centre for his work on mechanics and physics of materials.

Do you have department news you'd like to share? Please e-mail news items for InCyde Mechanical Engineering to Jessi Strawn at jlstrawn@iastate.edu

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