

InCyde Mechanical Engineering

January 21, 2011

Year Off to Good Start

Welcome back to all students, faculty, and staff! So far, 2011 and the spring semester are off to a great start despite the frigid temperatures on campus. Some dates to be mindful for the rest of the semester are: Spring Break March 14-18, VEISHEA April 11-17, and Graduation May 6-7. The undergraduate reception will be May 7 at 8:30-10:30 am in the Hoover atrium with the program in the Hoover auditorium. More details regarding graduation will be posted in upcoming issues of "InCyde Mechanical Engineering."

A Promising CAREER



Professor Meyer in his lab

Terry Meyer, Assistant Professor and the Director of the Clean Energy Technologies Program, has been honored with one of the most prestigious awards from the National Science Foundation—the NSF CAREER award. Recipients of the CAREER award are recognized for teaching and scholastic developments early in their professional careers and show promising futures of education and research. Meyer's grant, Ultrafast Time/Frequency Domain Coherent Anti-Stokes Raman Spectroscopy for Combustion and Plasma Systems, will allow him to continue doing world class research during his tenure at Iowa State.

Top Cited Article

An ME professor's research article is one of the top ten cited articles in the past 5 years in the *Journal of Computational Physics*. Baskar Ganapathysubramanian's article "Sparse Grid Collocation Schemes for Stochastic Natural Convection Problems" continues to be an expert source on that topic.

Distinguished Alumni Award Recipient

An ME alum will be recognized by President Geoffroy at the Distinguished Alumni Celebration during VEISHEA this April. Dr. Subra Suresh, a 1979 MS graduate, will receive the Distinguished Alumni Award—the highest honor an ISU alum can receive. Dr. Suresh was recently a professor and Dean of Engineering at Massachusetts Institute of Technology. In October 2010 he became Director of the National Science Foundation after being nominated for the position by President Obama.



Professor Subra Suresh

Alum Receives SAE Award

Andrew McKean, an ME grad (BS 2003, MS 2008) received the [2010 SAE International AEM Outstanding Young Engineer Award](#). McKean is a structural analyst for the John Deere Construction & Forestry Division.

Research and Teaching Excellence Awards for Fall 2010

Congratulations to Josh Drake, a PhD student, who received the Teaching Excellence Award, and Shuangyan Lei, a master's student, who received the Research Excellence Award last semester.

Upcoming Departmental Seminars

- Josette Bellan from the NASA Jet Propulsion Lab will be giving a seminar titled "Modeling of Multicomponent-Fuel Drop-Laden Layers Having a Multitude of Species" on Tuesday, January 25 at 11:00 am in 2004 Black.
- Divakar Viswanath, Associate Professor of Mathematics at the University of Michigan will be giving a seminar called "Turbulent Boundary Layers: From Computation to Prediction" on Tuesday, February 1 at 11:00 am in 2004 Black.
- Professor Paul Sundaram from the University of Puerto Rico will be giving a seminar "Gamma Titanium Aluminide: A Potential Biomaterial?" on Tuesday, February 8 at 11:00 in 2004 Black.