

Mechanical Engineering @ Iowa State



InCyde Mechanical Engineering April 8, 2011

ME Alumnus Will Receive Distinguished Alumni Award

[Dr. Subra Suresh](#) is the current Director of NSF and a former Dean at MIT and will be honored with an ISU Distinguished Alumni Award. Subra will be recognized at the 2011 Distinguished Awards Ceremony on Friday, April 15th at 1:30 p.m. in the Sun Room of the Memorial Union. All are invited to attend the ceremony.



Undergraduate Student Named 2011 Goldwater Scholar

Chloe Dedic, junior in ME, was chosen to receive a 2011 Goldwater Scholarship. The purpose of the Goldwater Scholarship is to encourage students with outstanding potential who intend to pursue careers in the fields of mathematics, the natural sciences or engineering. The \$7500 scholarship is considered the nation's most prestigious award for undergraduates in STEM disciplines. Chloe is one of three students at Iowa State to be recognized by Goldwater; Nate Looker, junior in Agronomy and Global Resource Systems, was named a Goldwater Scholar, and Mischa Olson, junior in Biology, was given Honorable Mention.

Chloe's application was coordinated by the Honors Program with additional support from mentors Terrence Meyer, Joseph Miller, Leroy Sturges, and Erin MacDonald; and by Gloria Starns, Tom Greenbowe and Cliff Bergman, who serve on the Goldwater Selection Committee.

[Read more about Chloe and her accomplishments.](#)



Research Figure Featured as Image of the Week

Dr. Song Zhang's research image was featured on the front page of [The Optical Society Optics Info Base website](#) during the week of March 21. The image has now changed, but his [research article](#), "Superfast multifrequency phase-shifting technique with optimal pulse width modulation" can be found on the site.



Engineering Events at VEISHEA

The Women in Mechanical Engineering are delighted to setup/showcase their mini-golf course as part of the ME display for VEISHEA on Saturday from 9:00 a.m. to 5:00 p.m. Various obstacles of the mini-golf course were designed and constructed by WIME board members, ME Seniors Abby Roberts, Bethany Juhnke and Erin Galvin. The mini-golf course is intended to showcase the really fun and cool aspects engineering!

Friday, April 15th

- The College of Engineering is a sponsor of the lunch barbeque on Central Campus
- More than 15 student groups will be highlighted in Campus Showcase near barbeque tent from 11:00 a.m. to 2:00 p.m.

Saturday, April 16th

- Two large College of Engineering tents in front of Marston Hall will serve as a hub to approximately 20 student-run activities and displays - under and near the tents - during Saturday's VEISHEA Village from 9:00 a.m. to 5:00 p.m.
- Dean Wickert will walk in the parade with the Freshman Leaders in Engineering (FLiE) student organization's float

[More Information on VEISHEA](#)

Department Welcomes New Staff Member

Photo: Bob Elbert

Upcoming Seminar

[Dr. Reza Shahbazian-Yassar](#) will give a seminar titled "[Nanoscale Materials and Testing For Energy Harvesting and Storage](#)" on Monday, April 11 at 11:00 a.m. in 2004 Black. He is an Assistant Professor in the Department of Mechanical Engineering-Engineering Mechanics at Michigan Technological University and oversees his laboratory on Advanced Energy Materials and Nanoscale Testing.

Alexandra (Alex) Rausch has joined the department as a Communications Specialist. She will be providing communications support for Mechanical Engineering as well as Industrial and Manufacturing Systems Engineering, serving each department as a half-time employee. Alex received her B.S. in Journalism and Mass Communication and Environmental Studies from Iowa State in 2006, and worked in communications for the Agricultural and Biosystems Engineering Department on campus for two and a half years.



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

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