

header



December 1, 2011

expo



## Chloe Dedic wins Iowa Women of Innovation Award

Chloe Dedic, a senior in mechanical engineering, received a 2011 Iowa Women of Innovation Award in the category of Collegian Innovation and Leadership. Chloe is an undergraduate researcher in **Terry Meyer's** laboratory, and will be a concurrent BS/MS student in mechanical engineering starting next semester. She studies pollutant formation in devices used for clean power generation. Thanks in part to her work, the mechanical engineering department was recently awarded a National Science Foundation grant.

Bethany Juhnke, a graduate student in mechanical engineering, was a finalist for the Collegian Innovation and Leadership Award.

## Shrotriya selected to join Emerging Leaders Academy

**Pranav Shrotriya** was selected to join the third cohort of the Emerging Leaders Academy (ELA) at Iowa State. The ELA provides participants with the opportunity to learn institutional best practices and explore scholarly research on leadership. In a series of highly focused sessions, participants will have the opportunity to be intentional about their own personal leadership development and proactively collaborate with other emerging leaders across the institution. The program includes four core curriculum sessions, five workshops dealing with aspects of the ISU environment, a mentoring experience for each member of the cohort, and a graduation celebration. Congratulations to Pranav on this well-deserved honor!

shrotriya



luna



Lunabotics team members Garrett Schieber, Bryan Sullivan, and Ashley Pitkin demonstrate the Lunabotics robot to an ELP class at Fellows Elementary School.

## Lunabotics team members visit Fellows Elementary

The ISU Lunabotics Mining student team sent three members to Fellows Elementary School in Ames on November 8 to speak with an Extended Learning Program (ELP) class about the Lunabotics team and to demonstrate the robot they created for the May 2011 competition at the Kennedy Space Center. Ashley Pitkin, senior in IE; Garrett Schieber, freshman in ME; and Bryan Sullivan, sophomore in AE, explained how the robot was made with students bringing expertise from different areas of engineering, and how they are working on improving the robot for next year's competition in Florida. The ELP students then took turns controlling the robot, and the Lunabotics team members demonstrated how the robot mines mood dirt. The Ames Extended Learning Program at Fellows Elementary is designed to support the high ability and gifted students through enhanced curriculum activities and peer group opportunities. The ISU Lunabotics Mining Team is advised by **Jim Heise**.

## Mechanical Engineering Department Holiday Office Hours

**December 19-21:** 7:30 a.m. – 4 p.m.

**December 22:** 7:30 a.m. – noon

**December 23 & 26:** University Holidays

**asme**



ASME and WiME members: Ben Perna, junior in ME; Rachel Steingas, junior in ME; Lyndsay Adams, senior in ME; Brady Greer, junior in ME; Daniel S. Diaz, junior in ME and ASME Vice-Chair.

### **ASME and WiME students mentor Des Moines high school students**

Students from the American Society of Mechanical Engineers (ASME) and Women in Mechanical Engineering (WiME) traveled to Des Moines district's East High School and Hoover High School on November 10 to mentor high school students in the topics of wind energy and wind turbines. The ASME and WiME students aimed to inspire the next generation of engineering students, teaching them about the advantages and challenges associated with wind energy technologies. ISU students also developed networks with high school teachers and three high school visits will take place in the Spring 2012. This project was made possible by the support of the Iowa Office of Energy Independence and the ISU Department of Mechanical Engineering.

### **Upcoming Events**

**December 6** – ME Design Expo, 12-4 p.m., Howe Atrium

**December 16** – Fall term ends

**December 17** – Fall Commencement, 2-3 p.m., Hilton Coliseum

**December 23 and 26** – University Holidays, offices closed

Department of Mechanical Engineering  
2025 Black Engineering Building, Ames, IA 50011  
515 294-1423, [isume@iastate.edu](mailto:isume@iastate.edu)

**December 27-30:** Main Office closed (limited staff in Advising Center)

**January 2:** University Holiday

**January 3-6:** 7:30 a.m. – 4 p.m.

**January 9:** Resume regular office hours

### **Undergraduate and Graduate Student Graduation Reception**

**December 17:** 9 a.m., Alumni Center at 420 Beach Avenue

The Mechanical Engineering Department will host a reception for graduate and undergraduate students who are graduating in December. The reception is informal, and students do not wear their caps and gowns. Each student is allowed to invite up to 9 people, as there is limited space at the venue. Students must sign up for this reception separately from the university's graduation ceremony.

A continental breakfast will be provided at the reception, and after eating, all students will be asked to take a seat in the front of the room. There will be a few remarks, then each student will be asked to answer a few brief questions about their future plans and favorite college memories. Please contact [Denise Birney](mailto:Denise.Birney@iastate.edu), 515-294-4932, with any questions, and students can sign up for the reception by logging in at [Engineering CMS](#).

Do you have department news you'd like to share?  
Please e-mail news items for InCYde Mechanical Engineering to [Alex Rausch](mailto:Alex.Rausch@iastate.edu).