

## Mechanical Engineering @ Iowa State



# InCyde Mechanical Engineering January 14, 2010

### ME 270 design competition winners

Team ReCyCoal took top honors at this year's Galen F. Smith Design Competition held at the end of the fall 2009 semester. The competition featured student groups from the four sections of ME 270, the department's introduction to design course.

Peers rated the groups in concept potential, design function, design cost, and presentation. The total scores were close, but in the end ReCyCoal's design for a biofuel press for Haiti earned 825 to edge out the competition.

The design award was named for Galen F. Smith, an ME student from Curlew, Iowa, who was struck and killed by lightning on June 11, 2008, while working outside with his father on their farm. As a student, Smith's team won the spring 2008 ME 270 design award, and he was known for being an unselfish team member who always was present with a smile and ready to listen to anyone's ideas or concerns. The award is offered to promote design excellence, remember an exemplary student, strive for excellence of character, and recognize a job well done.

### Team ReCyCoal



Team ReCyCoal with their design, from left to right: Design Projects Coordinator Jim Heise, Anthony Merfeld, Brandon Mogensen, Dan Janvrin, and Gavin Reed. Not pictured: Eng Ny.

### Symposium on Sustainability includes panelists from ME

The department will be well represented during the Second Annual Symposium on Sustainability. Ted Heindel, interim department chair and Art and Priscilla Bergles Professor in Thermal Science, and Wade Nasheim, ME undergraduate student, will provide information about energy efficiency within the Black Engineering Building. Heindel and Nasheim will join IMSE chair Gary Mirka and CCEE chair James Alleman in a panel discussion.

The symposium kicks off the evening of February 23 with a public poster reception and lecture by Yvon Chouinard, founder and owner of Patagonia, Inc. The event continues throughout the day on February 24, featuring Leith Sharp, founding director of Harvard University's Green Campus Initiative, as the keynote speaker. A detailed schedule and registration information is available on the [Live Green! web site](#).

### Emeritus professors visit the department

Several former ME faculty members recently gathered to attend a luncheon hosted by Ted Heindel, interim department chair and Art and Priscilla Bergles Professor in Thermal Science. They are (left to right): Jerry Colver, Delmar Van Meter, Max Gassman, Dick Pletcher, George Servoy, Bill Cook, Ted Heindel, and Pat Kavanagh. Van Meter passed away on January 5, 2010, a month after this photo was taken.

### Emeritus Professors



### ME faculty members identified as emerging leaders

Sriram Sundararajan, associate professor and director of graduate education, is among the 22 Iowa State faculty and P&S staff members who have been selected for the second annual Emerging Leaders Academy (ELA).

ELA is a leadership development program for faculty and staff, established by the office of the executive vice president and provost. It aims to enhance the leadership abilities of employees currently serving in leadership roles or those who aspire to such positions in the future.

The 2010 ELA class will participate in monthly leadership sessions beginning in January. Throughout the year, the participants' learning experiences will focus on leadership research, theory, and practice; an in-depth look at Iowa State's past, present, and future strengths and challenges; and a semester-long mentoring experience with a current Iowa State leader.

Ted Heindel, interim department chair and Art and Priscilla Bergles Professor in Thermal Science, graduated from the inaugural ELA class, which wrapped up this past December.

### All Access: the C6

When you have a minute at your computer, be sure to check out the All Access [video that features the C6](#).

### Excellence awards

Xiao Ma, studying under Associate Professor Pranav Shrotriya, was awarded the Teaching Excellence award for the fall 2009 semester.

Ying Wu, studying under Assistant Professor Qingze Zou, was awarded the Research Excellence award for the fall 2009 semester.

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](mailto:jlstrawn@iastate.edu)

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