Women in Mechanical Engineering Program hosts self-defense class

On September 16, 2008, the Women in Mechanical Engineering Program brought in a representative from the ISU Martial Arts Group to demonstrate basic self-defense techniques. The expert covered everything from precautionary advice to tips on how to avert a threatening situation to escaping an actual attack, presenting women with insights that can be useful in any setting.

Next month, the program is hosting a panel discussion titled “Being a Woman in Engineering.” The discussion will explore the different life paths each panelist has taken to achieve a balance in her personal and professional life. The panel will be held on October 21, 2008, from 4 to 6 p.m. in 2004 Black Engineering.

As a reminder, Janelle Miranda is still accepting mentorship applications for the program. Please contact her at jmiranda@iastate.edu or 515 294-1054 for more information.

E-Week 2008 scheduled from September 20 to 28

This year, E-Week 2008’s events are focused on the theme, “Sustaining a Legacy.” Co-chairs Jessica Meredith, senior in construction engineering with a minor in entrepreneurial studies, and Chelsea Peers, a junior in industrial engineering with a minor in Spanish, have been working with a central committee of more than 40 students to plan the week’s activities.

A featured event is the 2008 Engineering Career Fair on Tuesday, September 23, from noon to 6 p.m. in Hilton Coliseum. It is expected to draw more than 4,000 students, 900 recruiters, and 300 employers.

Other E-Week highlights include educational seminars and a presentation by Grant Imahara from the Discovery Channel’s MythBusters on September 20; Technical Day picnics sponsored by Exelon and Vermeer starting September 22; Lockheed Martin pancake breakfast on September 23; intramurals all week long; two golf tournaments; and the E-Week Charity Ball on September 27 (tickets available online and at E-Week events). The events conclude with a student golf tournament on Sunday, September 28.

E-Week is an annual event planned to increase involvement between students, the college, faculty, staff, alumni, and the community. Visit the E-Week Web site for further details about the activities at www.eng.iastate.edu/eweek/events%201.htm.

ME in the news

Read the latest ME news articles on the Web site.

- Mechanical engineering researcher works to clean and improve engine performance: www.public.iastate.edu/~nscentral/news/2008/sep/engines.shtml
- Mechanical engineering professor's technology used in music video: www.me.iastate.edu/news-events-amp-seminars/news-article/article2024/593.html
- Senior mechanical engineering students looking to help solve energy problem: www.iowastatedaily.com/articles/2008/09/04/news/local_news/doc48c0ae75d61cc514964494.txt

New patent

Brian Gleeson, MSE, Dan Sordelet, Ames Lab, and Wen Wang, ME, were issued a patent for High-Temperature Coatings with PT Metal
Modified y-Ni+y’-Ni3AL Alloy Compositions, U.S. Patent #7,273,662.

**Funding award**
LeAnn Faidley, Qingze Zou, and Gap-Yong Kim, ME, received a $199,999 award for High-Performance Micro-forming, Joining, and Punching Processes Enabled by a Novel Design and Control of Magnetostrictive Actuators from the National Science Foundation.

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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Efficient Fluid Power” on Tuesday, September 30, 2008, from 11:00 a.m. to noon in 2004 Black Engineering.