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September 8, 2011

Anita Ludwig, Editor
anita.ludwig@wmich.edu

www.wmich.edu/engineer/

“The invisible power behind a flying machine is ENGINEERING” ~ Malitha Rangodage



CEAS News

Jay Shoemaker, IME Adjunct Professor is Named Mold Designer of the Year

The Society of Plastics Engineers Mold Makers and Mold Designers has named **Jay Shoemaker, Mold Designer of the Year 2011**. Shoemaker is an adjunct professor for the CEAS Industrial and Manufacturing Engineering department. Jay is the product design engineer at Autodesk, Inc. He has spent 27 years as a project engineer, customer support engineer, trainer, training material developer and product designer for Moldflow and now Autodesk.



The Mold Maker and Mold Designer of the Year awards are given every year and they are sponsored by D-M-E Company and Progressive Components respectively. Each recipient is awarded a \$500 scholarship to give to the technical school of their choice. Criteria for the awards includes contributions to the industry or society, strong technical experience, and possessing a reputation for conducting business in a fair and honest manner. Individuals are nominated by industry colleagues.

Did You Know?

In 2011 CEAS has collected over 210 pounds of batteries for recycling in just 11 months. There are battery recycle collection bins in every CEAS office except Mechanical & Aeronautical.



Scenes From CEAS Fall Welcome Week for Incoming Students

Many faculty, staff, and student ambassadors were on hand to welcome the CEAS first year students. There were several activities planned and the students were eager to participate. Many of the future jobs in the USA will be in the area of science, technology, engineering and mathematics (STEM), but many students have a difficult time making the transition from high school to university degrees in these fields.

That is why WMU has implemented the STEM Talent Expansion Program (STEP) funded by the National Science Foundation. The focus of STEP is to improve the success rate for first-year STEM students and ultimately increase the number of students that graduate with degrees in these fields. The main components of STEP are living and learning communities aimed at providing students with the support and resources needed for success.

The [STEP Mentors](#) are faculty members who volunteer to provide support and academic guidance.



Students entering the main lobby for welcome week activities.



Checking out the solar car with Sunseeker team members.



Observing the earthquake simulator and spaghetti build.



The hybrid electric car and wind turbine drew a crowd outside.

The [STEP Advisors](#) help students with getting field specific courses as well as general education requirements and also help by providing career advice.

The [STEP Administration](#) is led by **Dr. Edmund Tsang** who personally welcomed the students to CEAS during welcome week.

Local events to commemorate the 10th anniversary of 9-11

9/10: CommUniversity, Waldo Stadium, 7 p.m.

9/11: Overlander Bandshell, Portage, 1-3 p.m.

9/11: Bronson Park, Kalamazoo, 4 p.m.

Upcoming Activities:

-[Engineering Expo, September 29](#)

-Research Compliance Workshops, ParkView, on the following dates:

Monday, October 3, 2011 from 1:00-3:00 pm

Thursday, October 6, 2011 from 9:00-11:00 am

Thursday, October 13, 2011 from 9:00-11:00 am