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College of Engineering and Applied Sciences

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Engineering Students Construct Wheelchair Ramp for a Local Family

The WMU Chapter of the engineering honor society Tau Beta Pi constructed a wheelchair ramp last November for a family in southwest Michigan. Former chapter president Andrew Peruski initiated this project by securing a 2011 Greater Interest in Government Award from Tau Beta Pi national headquarters. The project was coordinated by chapter student officer Thomas Wheeler, engineering faculty member and chapter advisor Dr. Damon Miller, and David Orchanian from the College of Health and Human Services, who used his contacts to locate a family in need of a ramp. The twenty-eight foot ramp and a set of stairs were completed in a single day of construction by chapter members with the invaluable assistance of carpenter Dennis Uhlir. The project was supported by a hydraulic post-hole digger loaned by Neil’s Hardware in Mattawan, MI, vehicles from the WMU College of Engineering and Applied Sciences, and by the local township and building inspector, who provided a free inspection.

Some of the volunteers pictured next to the nearly completed wheelchair ramp.

Professor Pnina Ari-Gur Wins Google Grant

Professor Pnina Ari-Gur has won a $13,500 grant from Google to teach skills in 3-D computer modeling and game design to high school computer science instructors. They can then teach the computer applications to their own students. The award is from Google's Computer Science for High School program, or CS4HS, an initiative to foster student interest in computer science professions. For more visit Mlive.

Mark your calendar for the Senior Engineering Design Conference next week, Tues. April 16th!
College of Engineering and Applied Sciences Outstanding Seniors Named for 2013

Pictured below are the 2013 CEAS outstanding senior award recipients. They were recognized for their outstanding achievement in their individual fields of study. Dean Vizzini sponsored an awards luncheon for the seniors with the highest grade point average. The event was held in the ParkView at the CEAS campus and the seniors were presented with a plaque reflecting their accomplishments.

Induction Ceremony Held for the WMU Chapter of Sigma Gamma Tau

Sigma Gamma Tau is the honor society for Aerospace Engineering. It seeks to identify and recognize achievement and excellence in the Aerospace field. Sigma Gamma Tau's collegiate chapters elect annually to membership those students, alumni, and professionals who, by conscientious attention to their studies or professional duties, uphold this high standard for the betterment of their profession.

Mark your calendar for WMU commencement on Saturday April 27, 2013!
2013 KAMSC Science Fair

The annual regional science fair, was hosted at the College of Engineering and Applied Sciences recently. The event is organized by the Kalamazoo Area Math and Science Center (KAMSC) and is hosted at the College of Engineering and Applied Sciences. Dr. Osama Abudeyyah oversees the competition and it is sponsored by CEAS. Some competitors are mentored by CEAS faculty and several of the judges are also CEAS faculty who volunteer their time for the event. The 1st place individual winner and 1st place team winners earned the right to move on to the Intel International Science and Engineering Fair at the Phoenix Convention Center in Phoenix Arizona on May 12-17, 2013.

The Fair awards were as follows:
1st Place Individual: Gagan Gupta, 2nd Place Individual: Genevieve Sertic, 3rd Place Individual: Raoul Wadhwa
1st Place Team: Grey Braybrooks and Sam Wachowski
Special Awards:
Department of the Army 1st Place Ashley Lowry Runner Up Awards: Abbay Goel and Tim Oh. Surgeon General Award: Ashley Lowry. South Central Association of Clinical Microbiology 1st Place Award: Madhavi Venogopol. ASM Outstanding Materials Science Award: Michael Elluru and Tate Mazer. Yale Science Award: Genevieve Sertic Innovative Engineering Award: Thomas Finch and Zac Witherspoon. Ricoh Sustainable Development Award: Genevieve Sertic. Mu Alpha Theta Mathematics Award: Jeremiah Boswell

Clauising Industrial Supports Longest Running Four-Year Scholarship at WMU

The Industrial and Manufacturing Engineering department held its annual student awards and recognition luncheon, sponsored by Clauising Industrial. This year marked the 60th year of scholarship support by Clauising, making the scholarship the longest consecutive running, four-year scholarship at Western Michigan University. Other scholarships awarded were the Herbert Ellinger, Leo S. Rayl, Kenneth W. Knight, Foundry Educational Foundation, American Foundry Society, Kellogg’s IEE, SME Roscoe Douglas and IME Undergraduate scholarships. There were outstanding student, service, and TA awards given as well.