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Western Michigan University

College of Engineering and Applied Sciences

Engagement ~ Leadership ~ Globalization ~ Innovation

WMU Engineers
Help Shape
the
Future

August 15, 2014

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www.wmich.edu/engineer

"The trick to having good ideas is not to sit around in glorious isolation and try to think big thoughts. The trick is to get more parts on the table." ~ Steven Johnson

CEAS News

Sunseeker Places 3rd at Formula Sun Grand Prix

The team earned 3rd place in the track portion, the Formula Sun Grand Prix. For the cross-country American Solar Challenge race, the team placed seventh, completing all but one stage where they had to trailer. Overall, 21 teams arrived in Austin Texas to qualify and race, 17 teams after examination and testing were allowed to drive on the track in the Formula Sun Grand Prix (FSGP). Of those teams, 10 qualified or conditionally qualified to race cross country. One team withdrew and did not start and a second did not complete the first stage. As a result, only 8 teams completed the "Challenge" of making it to Minneapolis. With the "as-built" characteristics of the Sunseeker that have existed since 2010, the team performed beyond expectations in driving across the country. The students have come together as a team and achieved superior results with the current vehicle. With a goal to place higher in the standings, the team will need a significantly lighter car that avoids the inherent "as-built" shortcomings and takes advantage of technological advancements in composite materials, electronics, solar cells and batteries that have taken place since this cars inception.

For full details of the race you can visit: [Sunseeker](#) and [America Solar Challenge](#) To meet the team visit [Team Members](#). You can also follow them on their [Facebook](#) page and on [Twitter](#).

~ Dr. Brad Bazuin, contributor.



Above is the finish run, where the Sunseeker team escorted the solar car through the finish line. This race is the last for the 2010 solar car as new regulations and the age of the car itself, make it harder to maintain for racing. Following the the 3rd place finish in the track category, the Sunseeker was **prominently featured** in a new [YouTube video](#).

Fall Welcome!

New WMU Aerospace Engineering Master's Degree Program Takes Off This Fall



The new graduate level program is one of only two offered in Michigan. There are three options available for students to choose from: Aerodynamics and Propulsion, Aerospace Structure and Materials, and Flight Dynamics and Control. According to [MiBiz](#), aerospace engineers are in high demand not just in Michigan but in the larger global industry as well. For more information on this and other programs offered visit the Department of [Mechanical and Aerospace Engineering](#).

Paper Technology Foundation Annual Meeting to Highlight 100% Job Placement and Record Starting Salaries for WMU Paper Engineering Graduates

According to **Kate Miller**, foundation student recruiter/outreach officer, the Paper Technology Foundation's 55th annual meeting held on **September 9** will draw top-notch industry executives and alumni from across North America to Western Michigan University and will showcase an expected 2014-15 annual payout of over \$250,000 in scholarships for Western Michigan University's Paper Engineering Students. The student attendees are unique as none of them have to worry about finding a job, the Paper Program at WMU has boasted 100% job placement for all students since 1948. Even more, this past year has led to record salary offers and the highest percentage ever of freshmen landing internships or co-ops in the industry after only one semester in the program.

Established in 1958, The Paper Technology Foundation (PTF) enhances student education by offering mentoring, industry exposure, scholarships, assistance with internships, co-ops, and permanent placement for the globally recognized and respected WMU Paper Engineering Program offered by the Department of Chemical and Paper Engineering at Western Michigan University. Over the past 30 years, PTF has awarded WMU students over \$4 Million in scholarships. The Paper Program at WMU has experienced a 300% increase in enrollment in the past two years, demand for Paper Engineers is extremely high because of the growth in desire to manufacture responsibly with sustainable and renewable practices.

A full slate of activities focusing on paper engineering students is set for Tuesday, September 9 at the WMU Fetzer Center. The Paper Technology Foundation will recognize 2014-15 scholarship recipients at a dinner banquet. During the banquet, guests will be entertained by the WMU Gold Company. Other events during the day include a student/industry mentoring session, the foundation's committee meetings, and the PTF Board of Trustees Annual meeting.

To register or for more information, contact **John F. Bergin**, foundation managing director, at (414) 364-4399 or john.f.bergin@wmich.edu, **Jen Johnson**, foundation coordinator, at (269) 276-3964 or jen.johnson@wmich.edu, or Kate Miller, foundation student recruiter/outreach officer, at (269) 568-9783 or katherine.miller@wmich.edu.

STAY CONNECTED



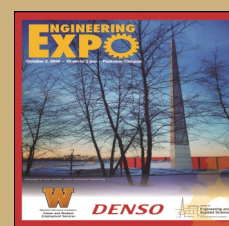
Homecoming, Job Fair and Engineering Expo



[Homecoming and Family Weekend October 24-26](#)



[Virtual Job Fair July 7 through Sept. 12](#)



[Engineering Expo October 2](#)