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6-27-2011

## CEAS e-news 06.27.2011

College of Engineering and Applied Sciences

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### WMU ScholarWorks Citation

College of Engineering and Applied Sciences, "CEAS e-news 06.27.2011" (2011). *College of Engineering and Applied Sciences News*. 8.

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Western Michigan University

# College of Engineering and Applied Sciences

Engagement ~ Leadership ~ Globalization ~ Innovation

WMU Engineers  
Help Shape  
the  
Future

June 27, 2011

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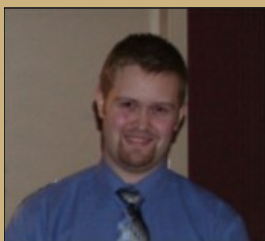
[www.wmich.edu/engineer/news.htm](http://www.wmich.edu/engineer/news.htm)

"It means the harmonious development and training of the head, the hand, and the heart; the training of the hand to express the mind, the training of the man to govern both."  
~ Marion Sherwood 1912

## CEAS News

### CEAS Senior Receives the Outstanding Student Engineer of the Year!

On June 23rd at the award ceremony in Detroit, the Engineering Society of Detroit (ESD) presented the Outstanding Student Engineer of the Year Award to **Casey Kick**. Casey is a senior here at Western Michigan University majoring in Paper Engineering, Chemical Engineering and Imaging. Casey's hometown is Iron Mountain, Mich While at WMU, he has held various internships and co-op positions, including participating in the WMU Engineering Study



Abroad Program in China.

### CEAS Faculty Retirement



Dr. Richard Hathaway is retiring from the Mechanical and Aeronautical Engineering Department, after 34 years at WMU.

### 13th Annual Hands-On Metal Casting Workshop

This summer **Dr. Sam Ramrattan** offered students the opportunity to get real experience designing and creating their own metal casting projects. This is the 13th year he has guided participants through the process of metal casting methods, and trends. Students examined metal casting from the perspectives of manufacturing (molding, melting, filling, and finishing), engi-



neering, quality control, purchasing, marketing, and sales. ME Master's students, Sean Derrick and AJ Oman chipped in to help the camp students too. Dr. Ramrattan uses the workshop to identify and promote the variety of viable metal-



casting careers available today. The camp is open to up to 15 area tenth-through-twelfth-grade students. Students who attended the program were selected on the basis of aptitude for math and science and were sponsored by various chapters of the American Foundry Society (AFS) and the North American Die Casting Association (NADCA).

There was no cost to the students for the weeklong camp, who stayed in WMU dorms and experienced a taste of campus life. Information on future summer metal-casting camp is available at [sam.ramrattan@wmich.edu](mailto:sam.ramrattan@wmich.edu).

### 6th Annual BTR Park Criterium



**Spectators are welcome FREE of charge!**

Parking at WMU Soccer Field  
Parkview Ave. east of Drake

**July 16, 2011**

At the BTR Park on WMU's Parkview Campus  
**BTR Business Technology and Research Park**  
Parkview Campus  
WESTERN MICHIGAN UNIVERSITY

**8 a.m. to 4:30 p.m.**

**Register online at [www.truesport.com](http://www.truesport.com)**

Day of registration available

Parking at Southwest Michigan Innovation Center

**Join the SW Michigan Race Weekend!**

For weekend event information visit  
<http://www.kalamazobicycleclub.org>  
and select the BTR Park Race Tab.

**Food and beverages  
Sold by Scott's Pig Roast**

### WMU Parkview to Host BTR Bike Race

The CEAS Parkview campus will be the site of the BTR criterium bike race from 8:30 a.m. to 4:30 p.m. Saturday, July 16. Rain or shine the Men's Elite 4 will be the first event at 8:00 a.m. and the Junior Women will conclude the competition at 4:11 p.m.. There is prize money totaling \$6650 that will be awarded for event categories. There will be food and beverage provided by Scott's Pig Roast for purchase on site, and spectators are welcome to come and enjoy the races free of charge.

**To register for racing events visit:**

[BTR Park Criterium](http://www.truesport.com)

**For more race information on all the activities visit:**

[Kalamazoo Bicycle Club](http://www.kalamazobicycleclub.org)

WMU's College of Engineering and Applied Sciences campus in the BTR Park provides smooth pavement with three 90° turns and several broad curves. There are small elevation changes periodically and with the winds it should make for a very interesting day of competition. This track is the perfect combination for quick, hard line, and fun racing excitement. There is also a kid's fun race at 1:15 p.m., the registration for the kid's race is free and the entry fee for the other races range from \$10 to \$30.

**Online registration closes July 14 at 11:59 p.m.**

[USA Cycling](http://www.usacycling.org) sanctions this event

On Friday July 15th from 6:30 to 9:00 p.m. there will be also be a **Priority Health** women's racing clinic. This clinic is for riders of all abilities, first time racers and experienced racers alike. Riders will get instruction from Priority Health's Cat 1 & 2 women, with training and practice on the BTR race course. **For more information and to register for the clinic visit:** [Athletic Mentors](http://www.athleticmentors.com)