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Western Michigan University

College of Engineering and Applied Sciences

Engagement ~ Leadership ~ Globalization ~ Innovation

WMU Engineers
Help Shape
the
Future

October 18, 2013

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www.wmich.edu/engineer/

"All we know about the new economic world tells us that nations which train engineers will prevail over those which train lawyers. No nation has ever sued its way to greatness." ~ Richard Lamm

CEAS News

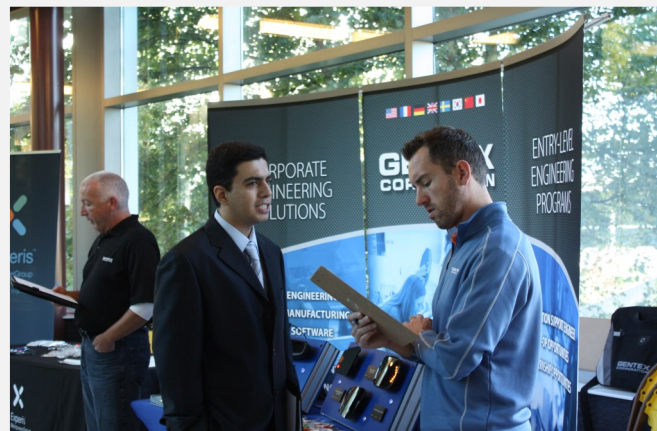
Motivated Job Seekers at Engineering Expo 2013

The Engineering Expo took place on both floors of the Engineering and Applied Sciences Building on WMU's Parkview Campus. There was a range of job opportunities for engineers showcased during a recruiting event that took place on September 26th. The expo was free and open to the public, but geared for WMU students and recent alumni in engineering-related fields. Those who attended were able to network with employers as well as discuss current and future employment opportunities. In addition, some participating employers scheduled follow-up interviews. Representatives from more than 90



companies were on hand to promote their organizations and recruit for internships and fulltime, part-time and co-op positions. Among them were, Gentex Corp., as well as Chrysler, Compuware, Consumers Energy, Domtar, Georgia Pacific, Kellogg, Nissan North America, Parker Hannifin, Perrigo, Skanska USA, Humphrey Products, Stryker and many more.

Networking with potential employers is a natural part of career planning. Any chance students have to highlight their course projects, leadership activities and co-op experiences strengthens their job prospects. It has been reported that employers are routinely impressed with the quality of our students and alumni.



Armstrong International Student Scholarship Recipients for 2013



L-R back row: Nathan Lucas, Jeffrey Timmer, Tom Hiatt, Tom Henry, Sam Dilworth, William Rickert, and Richard Edwards. Front row: Gabby Cole, Trevor Dalton, Shawn Shields, Thomas Green, Jin Woo, Edmund Tsang, and Said Abubakr.

The Armstrong scholarships were awarded to students who are pursuing the Energy Management option within the Chemical Engineering program here at CEAS. The awards are typically given to juniors and seniors and are given on an annual basis by Armstrong International which is a multi-national and family-owned company that develops intelligent system solutions for steam, air, and hot water. Tom Henry and Tom Hiatt are Armstrong International executives, who attended and presented the awards to the students. Dr. Edmund Tsang, interim dean of CEAS, Dr. Said Abubakr, professor and chair of PCI, and Dr. Richard Edwards, CEAS professor were also present to congratulate the recipients.

CCE Dr. Jun Oh Receives 1.4 Million U.S. Department of Transportation Grant

The project being funded by the Research and Innovative Technology Administration (RITA) is titled, "Transportation Research Center for Livable Communities". The principal investigator is **Dr. Jun-Seok Oh**, the co-principal investigators are **Dr. Osama Abudayyeh**, and **Dr. Valerian Kwigizile** all three are from the Civil and Construction Engineering department. Dr. Richard Long from Blind and Low Vision Studies, Dr. Christopher Smith from Geography, and Dr. Ron Van Houten from Psychology are all co-principal investigators as well.

Dr. Oh explained that WMU is the lead institution of the Transportation Research Center for Livable Communities (TRCLC), and that the following universities are member institutions of the center: Tennessee State University, University of Texas, Arlington, Utah State University, and Wayne State University.

Dr. Oh described how TRCLC will focus on three research objectives:

- improving public transit systems and alternative transportation modes,
- providing better and safer pedestrian and bicycle networks, and
- enhancing transportation accessibility for children, people with disabilities, older adults, and lower income populations

To achieve these goals, TRCLC researchers will place a particular emphasis on identifying applicable technologies for livable communities..

Oh communicated that the Center activities are planned to:

- shift the paradigm of transportation systems from public services to quality of lives;
- provide benefits of technological advances to individuals' daily travel;
- promote active transportation for healthier and safer communities;
- enhance transportation infrastructure and systems for individuals with disabilities;
- minimize negative impacts of transportation infrastructure, operations and services; and
- improve public perceptions of livability.



U.S. Department
of Transportation



Dr. Jun-Seok Oh Associate Professor, Undergraduate Advisor, principal investigator.

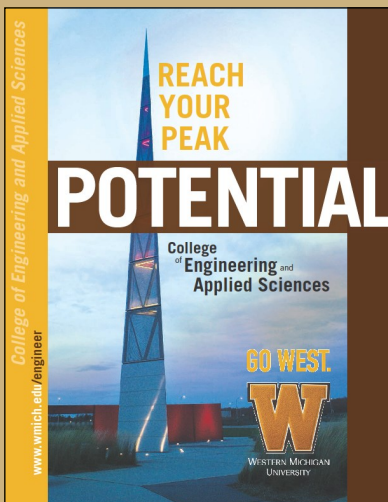


Dr. Osama Abudayyeh Associate Dean for Research and Graduate Programs, co-principal investigator.



Dr. Valerian Kwigizile Assistant Professor, co-principal investigator.

Click on the Page Below to
Check Out the New
CEAS Viewbook!



\$cholarships

Students, Don't Forget to Check Out the Scholarships Website

There are many scholarship opportunities here at the College of Engineering and Applied Sciences. You can visit the [Scholarships](#) website to see which awards you are eligible to apply for. All you need to know regarding award criteria, deadlines, forms, etc. is online at the scholarships website.

Upcoming Event

[Senior Engineer Design Conference - Tuesday, Dec. 3rd](#)