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Western Michigan University

College of Engineering and Applied Sciences

Engagement ~ Leadership ~ Globalization ~ Innovation

WMU Engineers
Help Shape
the
Future

November 12, 2014

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www.wmich.edu/engineer

"Stone, wood and iron are wrought and put together by mechanical methods,
but the greatest work is to keep right the animal part of the machinery."

~ John Smeaton

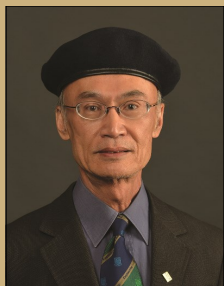


CEAS News

New 2015 Medical Engineering Program and More Highlighted in Technology Century

The new medical engineering masters program scheduled to begin in 2015, was recently highlighted in the Engineering Society of Detroit's Technology Century publication. With the cooperation of WMU's Homer Stryker School of Medicine, the new program will have three areas of study—healthcare administration, medical devices, and medical imaging. The STEP/STEM programs and the related activities which are funded with two National Science Foundation grants were also featured. **Dr. Edmund Tsang** shared how the projects were successful in increasing the annual graduation rate of students at CEAS. Also the Student Success Centers have increased from one to three for tutoring and student support for not only incoming freshman but sophomores as well.

Additionally there is ongoing consideration in bringing back an industrial design program that was closed in 2005. **Drs. Steve Butt** and **Tycho Fredericks** explained that there are many West Michigan and neighboring BTR companies, that are looking for industrial design talent. For the entire story visit: [Technology Center](#)



Dr. Edmund
Tsang



Dr. Tycho
Fredericks



Dr. Steven
Butt



WMU School of Medicine

2014 CEAS Alumni Excellence Academy Event



2014 Alumni Excellence Academy group and guests picture.

The Alumni Excellence Academy event was held at the Bernhard Center during homecoming weekend. The inductees and family members took part in several activities held in conjunction with homecoming and the University's Distinguished Alumni dinner event. Alumni Excellence Academy inductees have embraced the expectations of our graduates to change the world. Each of these distinguished alumni has achieved a high level of authority within their chosen profession, have benefited significantly the mission of their organization, and have demonstrated personal integrity of the highest caliber. The 2014 recipients are featured individually on the following page.

2014 Alumni Excellence Academy Recipients



Bob Carlson

Bob received his Bachelor of Science in Paper Science and Chemistry in 1974. An expert in the surface treatment and finishing of paper with 39 years of experience in new technology design, Bob started his career with the Beloit Corporation in 1973 as a group leader in development. In 1989, he moved to Boise Cascade where he became the leader of the Surface Treatment Development Group and manager of the pilot coater facility. In 1999, Bob became the: For complete bio visit [Distinguished Alumni](#).



Jennifer L. Lentner

Jennifer received her Bachelor of Science in Mechanical Engineering (BSME) with a minor in Management in 1996. Jennifer joined Stryker as an intern while still a student at WMU. She began her career as a manufacturing engineer and over the last 18 years has held roles of increasing responsibility in manufacturing, research and development, IT, marketing, customer care, and communications. Under Jennifer's leadership, the Marketing Communications team: For complete bio visit [Distinguished Alumni](#).



Kurt Lentner

Kurt graduated from Western Michigan University in 1996 with a Bachelor of Science in Mechanical Engineering (BSME). He joined Stryker Corporation's Instruments Division in March of 1994 as a mechanical manufacturing engineering co-op student while attending WMU. Upon graduation, he joined the Instruments Advanced Manufacturing Engineering team, progressing to senior project engineer. In 2001, he became the associate operations unit manager for the: For complete bio visit [Distinguished Alumni](#).



John J. Nigro

John graduated from Western Michigan University in 1983 with a Bachelor of Science in Mechanical Engineering (BSME). The decision to attend WMU began with a football scholarship as well as the Hands-on-Approach Engineering program. John has worked at all levels of engineering within Chrysler over his 30 year career. He started in Exterior Systems as an entry level engineer. He then became manager resident engineer at the Windsor Minivan Plant, which: For complete bio visit [Distinguished Alumni](#).



Carl D. Roberts

Carl received his Bachelor of Science in Mechanical Engineering Tech in 1970, and his MBA in 1989 from Western Michigan University. He served in the U.S. Army from 1970 to 1972. Carl began his professional career with Eaton Transmission Division in 1968. He held a number of positions including chief engineer testing and manager of technical services for Truck Group. In 2000 he joined BorgWarner Cooling Systems as director of engineering and became: For complete bio visit [Distinguished Alumni](#).



Rajesh Voddiraju

Rajesh received his Master of Science in Computer Science in 1993. He graduated at the top of the class with a Bachelor of Science in Engineering from Nagpur University, and attended management programs at UCLA and Tuck School of Business. For the last 22 years, Rajesh has gone from a hands-on techie, to executive management roles in management/IT consulting, to his recent entrepreneurial success. He is the founder, president & CEO of HealthiPASS Inc.: For complete bio visit [Distinguished Alumni](#).