2016 Innovators of the Year at OSU

The Office of Research at OSU presented the State of Research Address on January 25. Many of the brightest members of our faculty and student bodies were recognized for their creativity in research, including three students working within CDME who designed and built an interactive wall display for the Institute for Materials Research's new Materials Innovation Space. The trio of undergrads collaborated to create a large-scale plotter attached to the wall, allowing users to program an image that is immediately displayed on the erasable surface. Their creation compliments the venue's Materials and Manufacturing for Sustainability theme by providing a flat-screen display, display space for 3D sample products, and simple identification. The commercialization of this technology is in the works. Most of the researchers recognized at the January 25 State of Research Address already have commercialized projects or projects that are en route to commercialization.

American Manufacturers Tracking to Boost U.S. to Top Position

Six years ago, the U.S. ranked fourth according to the Global Manufacturing Competitive Index. We jumped a spot just three years later in 2013. According to a recent Deloitte study, the U.S. took second place in 2016 and is tracking to take over China before the end of the decade as long as U.S. manufacturers keep continuous improvement in their crosshairs. America's manufacturing competitiveness will certainly be heightened by employing advanced manufacturing technologies and the best and brightest people - assets that will help us gain traction to that coveted position. Deloitte's 2016 GMI

Modest Growth? We'll Take It.

As we stare down the tail end of this decade, American manufacturing is forging ahead amidst promises from a different political landscape and a hangover from a less-than-merry holiday sales season. U.S. manufacturing recovered nicely during the second half of 2016 versus its stagnant results during the first six months of the year. Manufacturing in most regions of the U.S. experienced an uptick in sales in the second half. Here's to a productive and strong New Year to all U.S. manufacturing, especially those in central Ohio. USA Today

CDME Partner Highlights

ABM Industries Incorporated

Many small and medium-sized manufacturers struggle to find the capital needed to perform mission-critical facility enhancements. PACE (Property-Assessed Clean Energy) financing is one option that is growing in popularity with commercial businesses across Ohio to make much-needed infrastructure and energy-efficiency improvements possible.
PACE financing allows organizations to fund 100% of their facility upgrades through a voluntary property assessment – making energy efficiency and renewable energy upgrades achievable with no upfront costs. ABM recently implemented Michigan’s largest PACE-financed project for Heller Machine Tools’ manufacturing facility - saving the company $1.6M in energy and operating costs over a 15-year period. Click here to learn details about the project and this innovative financing solution.

Honda North America

Honda North America moves all Acura MDX production to Ohio

Of interest

"Ohio is within 600 miles of more than 63% of all U.S. manufacturing partners." PolymerOhio

NIST Extra

NIST Awards $12 Million to MEP Centers in 11 States

Partner events

Ohio Manufacturers Association | Lightweighting Technologies & Materials | February 15
SCORE | Insights for Women in Business | March 1
Marysville Entrepreneurial Center | FirstTuesday Events | First Tuesday of every month

About CDME and MEP

CDME is a new applied research and commercialization center established by the College of Engineering within The Ohio State University to provide support to manufacturing companies in the state of Ohio. CDME provides industry partners with a simple, expeditious vehicle to access the technical assets of the university and surrounding research community. CDME has been identified as a Manufacturing Extension Partnership (MEP) affiliate for the state of Ohio to provide value-added consulting services to small and medium-sized manufacturing companies in Ohio with the purpose of helping them grow. Clients of CDME’s MEP program have access to our external partners, CDME’s engineering staff and 40,000 square foot manufacturing facility, equipment and laboratories at OSU’s various colleges. Your company is qualified to participate in the MEP program. Contact us to start growing your manufacturing company today.