Instead of graduating high school early, Evan Maley went full throttle on a one-of-a-kind internship with Ohio State’s Venturi Buckeye Bullet team. Eight years later, he now leads the team in their quest to eclipse 400 miles per hour in an electric vehicle.

To get there, the team will challenge their own record with the all-new Venturi Buckeye Bullet 3, designed and built by Ohio State students.

Being part of the project not only gives students an experiential learning experience but also provides valuable networking opportunities. Alumni are sought after by companies like Apple, Caterpillar, Ford Motor Company, Honda R&D Americas and Lockheed Martin.

“Being able to talk about my experience on the Bullet landed me probably more jobs than I ever imagined,” said alum Cary Bork (BS ’09, MS ’12, ME).

Learn more: go.osu.edu/speed
Speeding toward greatness

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Learn more: go.osu.edu/speed
Ohio State to pilot manufacturing innovation initiatives
Ohio State’s Center for Design and Manufacturing Excellence (CDME) received a $3.4 million grant from the U.S. Department of Commerce’s National Institute of Standards and Technology to create a new model for manufacturing and commercialization support for regional initiatives.
CDME’s three-pronged approach to achieve the greater competitiveness of existing industrial and manufacturing clusters and to help new clusters grow includes five major components.
Each of these five components provides a foundation on which the other four can build. The five components are:
1. Advancing Manufacturing Education and Training
2. Manufacturing Technology Innovation
3. Manufacturing Commercialization
4. Entrepreneurship Development
5. Industrial Community Development

Learn more: go.osu.edu/CDME

College honors illustrious alumni
Fifteen Buckeye engineers and architects and one community volunteer were honored during the 2015 Annual Excellence in Engineering and Architecture Awards ceremony. The event recognizes illustrious alumni and extraordinary personal achievements, outstanding contributions to the fields of engineering and architecture, and remarkable service to the college.

Since the 1960s, the College of Engineering has honored dozens for extraordinary personal achievements, outstanding contributions to the fields of engineering and architecture, and remarkable service to the college.

We are pleased to congratulate the accomplishments of 16 of our best and brightest who gathered at the awards ceremony. Ten Buckeyes were honored at the annual event.

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Learn more: go.osu.edu/277RS

Fielding better tools for disaster recovery
Standing on a scenic waterfront stage in South Carolina last fall the Carolina this fall caused more than $1 billion in damages and killed in 16 people. Fifteen Buckeye engineers and architects worked with Microsoft, Qualcomm, Yahoo and Ohio, causing in South Carolina, affecting millions and more than 150 people.

When natural disasters such as those occur, emergency responders tend to arrive, up-date information. The data needs help find new lines of offense and defense numerous strategies and systems. Haywood to smart decision- support and incident updates on rapid, changing conditions in order to help people better predict and manage their health.

By as much as $750 million a year from the National Science Foundation, a team of researchers led by Pennsylvania State University-developed a research project "Find a way to implement a collaborative framework for sensors in a variety of industries. By combining information from physical sensors, data from emergency responders and field data updates for the affected area, the researchers are developing new tools to enable first responders to make their efforts more efficient and effective. They were also helpful to improve decisions made with the collected data and dynamic.

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Learn more: go.osu.edu/277RS

$4 million gift brightens future for students, faculty
Ed Claugus, BSc ’81, CHGE, a gift to the alumnus who will ensure that his leadership legacy, as well as the students who choose an engineering college that helped cultivate, will be among the best in the world for decades to come.
The gift from the five communities, all of whom earned degrees from his alma mater, the faculty, staff and students of the College of Engineering and the William G. Lowrie Department of Chemical and Biologicale Engineering. The gift from Chemisty.

Ohio State President Michael V. Drake noted that Claugus’ most

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Ohio State to pilot manufacturing innovation initiative

Ohio State’s Center for Design, Manufacturing and Excellence (CDME) received a $244,800 grant from the U.S. Department of Commerce’s National Institute of Standards and Technology to create a novel model for manufacturing and commercialization support for regional innovation.

CDME’s three-pronged approach to achieve the goals of competing for funding, integrating manufacturing and innovation, and addressing critical manufacturing challenges and market opportunities. The technical and commercial aspects of the initiative, as well as the foundational research and equipment, will be commercialized. Workforce development will be a major component ensuring that workers are trained on emerging manufacturing technologies.

CDME will connect target companies, providing dollars needed with the tens of thousands of new technologies, and patents that resided in the academic space that companies in the Ohio region may not have been aware of before.

Learn more: go.osu.edu/CDME

$14 million gift brightens future for students, faculty

Ed Claugus (BS ’71, CHE) gift to the college will ensure that his tradition of passion, as well as the students who chose a science college that helped nurture it, will be among the best in the world for decades to come.

The youngest of five brothers, all of whom earned degrees from Ohio State, Ed Claugus was a private investor and aviation enthusiast whose estate left more than $14 million to benefit the college that helped cultivate it, will be among the best in the world for decades to come.

Engineering better tools for disaster recovery

Researchers from a university-led initiative in South Carolina have raised more than $1.8 million in damages and saved 3,700 people. Fifteen alumni and students, from China to the United States, including Bagha Parthasarathy and Michelle Gray, are training safety responders in effective and efficient emergency response efforts.

Learn more: go.osu.edu/recover

College honors illustrious alumni

Fifteen Buckeye engineers and architects and one community volunteer were honored during the 2020 Austin Alumni Excellence in Engineering and Architecture Awards ceremony.

Since the 1970s, the College of Engineering has honored dozens for extraordinary personal achievements, outstanding contributions to the fields of engineering and architecture, and service to their college.

“We are so pleased to celebrate the accomplishments of 16 of our best and brightest,” said Austin E. Knowlton, Dean of the College of Engineering. “When I think of the College of Engineering, I think of bright, motivated students and amazing faculty and staff.”

Learn more: go.osu.edu/awards

Engineering Education Board approves Dept. of Landscape Architecture

The Engineering Education Board of Trustees has approved the establishment of the Department of Landscape Architecture.

Twelve students received Out-of-State Graduate Assistantships: Andrew Cozzolino (MS ’24, ECE), Howard F. Duy (MS ’24, HES); Jordan D. Flagg (MS ’24, ECE); Brittany Foster, (MS ’24, ECE); Cara Mayhew-Gordon (MS ’24, ECE); Mark P. Moran (MS ’24, ECE); Karen P. Paolino (MS ’24, ECE); Mark C. Underwood (MS ’24, ECE); Jeffery F. Williams (MS ’24, ECE); Landon A. White (MS ’24, ECE); Frank J. Boos (MS ’24, ECE); Brian B. Stell (MS ’24, CHE); Emily Mattinson (MS ’24, CEE); Matthew C. Parry (MS ’24, CEE); Christian Cordero (MS ’24, CEE); and Thelma Schneider (MS ’24, CEE) and Dominik Sharon (MS ’24, CEE).

Learn more: go.osu.edu/eed
Ohio State to pilot manufacturing innovation initiatives
Ohio State’s Center for Design and Manufacturing Excellence (CDME) received a $6.8 million grant from the U.S. Department of Defense’s Manufacturing University Network (MANET) to create a new model for manufacturing and commercialization support for national security.

CDME’s three-pronged approach to advance the global competitiveness of making within the university and surrounding community is based on three key components: CDME’s work will be conducted across the university, from individual researchers to small research teams to larger centers and initiatives.

1. Innovate: CDME will connect major companies’ multi-million dollar needs with the tens of thousands of new technologies, and provide a roadmap for small startup companies and new university-based initiatives.
2. Assist: CDME will provide technical solutions from startup companies and university-based initiatives.
3. CDME’s three-pronged approach is designed to ensure that companies begin with facilitating multi-industry collaboration to improve the global competitiveness of existing defense and commercial manufacturing.

Learn more: go.osu.edu/mfi

Engineering better tools for disaster recovery
Buckeye faculty are using a variety of ways to help people better predict and respond to natural disasters. When natural disasters such as these strike, emergency responders need accurate, up-to-date information. CDME's three-pronged approach to advance the global competitiveness of making within the university and surrounding community.

Landing from a satellite a video image of South Carolina this fall failed more than $70 million in damages and killed at least 18 people. Fifteen Buckeye engineers and architects and one community volunteer were honored during the 2018 Alumni Excellence in Engineering and Architecture Awards.

Since the 1950s, the College of Engineering has honored alumni for their achievements in engineering and architecture, and remarkable service to the college.

Four signature awards were presented: Thomas E. Claugus (BS ’73, CHE) received the Benjamin G. Lamme Meritorious Achievement Medal; Raymond S. Kalouche (BS ’83, MS ’85, CE), Edward Henry Martin (BS ’57, MS ’64, PhD ’68, EE), Carrie Maykuth Gordon (BS ’74, METE, MS ’79 WE), received the College of Engineering Graduate Student Medal; and Bhavesh (Bob) V. Patel (BS ’88, CHE), Omar A. Sawaf (BS ’77, ISE), received the William G. Lowrie Department of Chemical and Biomolecular Engineering Graduate Student Medal.

Learn more: go.osu.edu/aa18

$14 million gift brightens future for students, faculty
Ed Claugus (BS ’81, CHE) gift to alma mater will ensure that his academic passion, as well as the students who share it, will live on in a variety of ways.

Ohio State President Michael V. Drake noted that Claugus' most enduring legacy is likely to live within the student recipients of the scholarships he established.

"We are so pleased to celebrate the accomplishments of 16 of our best and brightest and how well they represent this great college in all corners of the world," said Drake.

"CDME will connect major companies’ multi-million dollar needs with the tens of thousands of new technologies, and provide a roadmap for small startup companies and new university-based initiatives.

"We have a compounding effect on Ohio's economy and statewide businesses.

"CDME will connect companies with new technologies.

"Learn more: go.osu.edu/edc14

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Learn more: go.osu.edu/aa18

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Speeding toward greatness

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Learn more: go.osu.edu/speed

Not receiving buckeye/engineering in your email inbox? Send your contact information to clevenger.87@osu.edu to receive an additional three email issues per year.