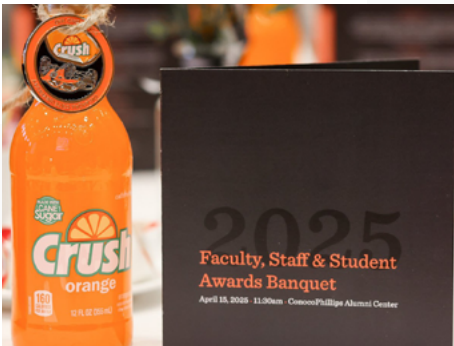




CEAT HIGHLIGHTS

APRIL 17, 2025



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The College of Engineering, Architecture and Technology banquet honors faculty, staff and students

The College of Engineering, Architecture and Technology recognized faculty, staff and students for outstanding teaching, research, performance and service during the 2025 Faculty, Staff and Student Awards Banquet on April 15 at the ConocoPhillips OSU Alumni Center. "I'm very proud of the many accomplishments from our faculty, staff and students. It's great people that make a great college, and our great people are truly making an impact for the future," said Dr. Hanchen Huang, CEAT dean

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CIBS research focuses on refrigerant innovations

Dr. Christian Bach, associate professor in MAE, is the principal investigator on two projects funded through CIBS by various industry partners, studying refrigerants with low global warming potential. Dr. Ardeshtir Moftakhari, assistant professor of MAE, is the co-PI on the projects.

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CIVE research focuses on resilient erosion, sediment control for construction sites

Researchers at Oklahoma State University's School of Civil and Environmental Engineering are collaborating on a multi-university research project to enhance the resiliency of erosion and sediment control practices employed on state Department of Transportation construction sites.

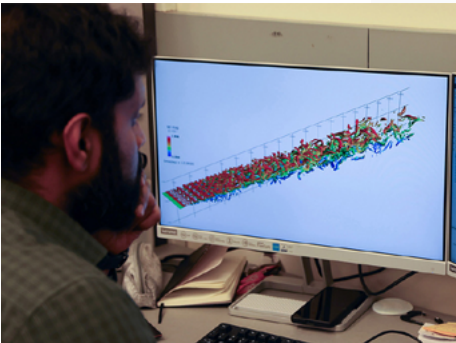


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U.S. News & World Report ranks CEAT among 2025 Best Graduate Schools

Oklahoma State University's College of Engineering, Architecture and Technology has been ranked No. 106 among the 2025 Best Engineering Schools by U.S. News & World Report. Designed for prospective students looking to further their education beyond college, the Best Graduate Schools rankings evaluate programs in a variety of disciplines, including business, education, engineering, law, medicine and nursing.



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MAE students gain experience simulating aircraft flow velocities

In CEAT's Flow Physics Simulation Laboratory, Prasad and his students work on numerical simulations of problems that are of interest to the Department of Defense and NASA. Through a National Science Foundation grant, his team uses supercomputers in Texas and Pennsylvania to produce highly detailed simulations. Prasad said the simulations are so detailed that they surpass what can be measured in experiments.



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OSU faculty honored with 2025 DaVinci Fellowships for Creativity and Innovation in Education

Dr. John Hu, assistant professor in the School of Electrical and Computer Engineering, was one of two OSU faculty members recently named a DaVinci Creativity in Education Fellow, a prestigious honor in Oklahoma.

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Dr. Hitesh Vora honored with Emerging Manufacturers Leaders award

Dr. Hitesh Vora, associate professor in the Division of Engineering Technology has been recognized with the prestigious Emerging Manufacturing Leaders Award.



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OSU researcher develops framework for electric, hybrid-electric eVTOLs

Dr. Atanu Halder, an assistant professor at the School of Mechanical and Aerospace Engineering, is working on a project to advance the design and optimization of eVTOL aircraft. Halder's project, funded by the U.S. Army, seeks to develop a comprehensive computational framework that can evaluate different eVTOL models and identify which of these vehicles are most suitable for a variety of mission possibilities and specifications.



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CEAT Alumni Spotlight - Stan Stephenson

When Stan Stephenson began taking graduate-level courses at Oklahoma State University in 1990, he wasn't chasing a degree—he was building a toolbox. As his responsibilities at Halliburton evolved, Stephenson turned to OSU to sharpen the skills he needed to succeed, which defined his career.

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