

CONGRATULATIONS TO OUR SPRING 2026 GRADUATING CLASS!

Congratulations to our CEAT spring 2026 graduates! Your dedication, hard work and determination have led you to this significant achievement. As you embark on the next chapter of your journey, we are proud of all you have accomplished and look forward to the impact you will make as CEAT alumni. Wherever your path leads, remember that you will always be part of the Cowboy family.

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VIEW PHOTOS

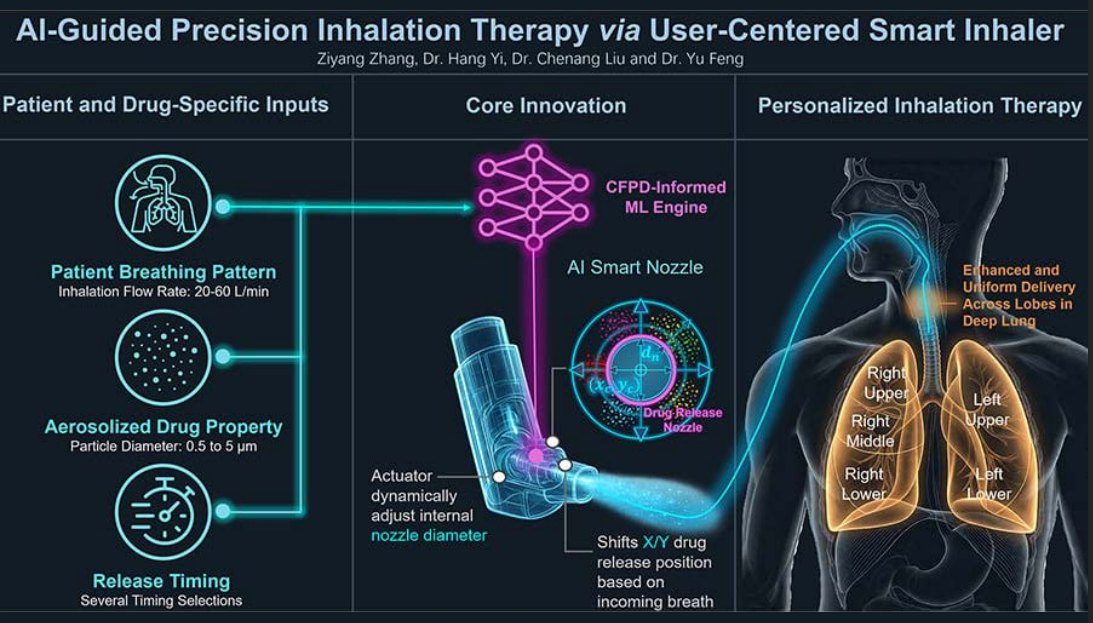
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JUNE 2026 CEAT HIGHLIGHTS

OSU RESEARCHERS USING AI TO HELP INHALERS REACH THE SMALLEST AIRWAYS

For millions of people living with lung diseases such as chronic obstructive pulmonary disease, inhalers are a daily lifeline. Yet even when medication is taken correctly, much of it may never reach the small airways where the disease often begins and progresses. Instead, drug particles can deposit unevenly throughout the lungs – or miss their target altogether. A research team in CEAT has developed a computational fluid particle dynamics and artificial intelligence-driven framework designed to help inhaled medications reach those airways more effectively and uniformly.

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ECE PROFESSOR AIDS IN DEVELOPMENT OF NEUROMORPHIC COMPUTING DEVICES

Artificial intelligence is developing at a rapid pace, necessitating that researchers discover innovative ways to improve the efficiency of computing power. This includes research aimed at developing computer chips that behave like biological neurons. Making this possible requires electronic devices that don't operate like traditional computer chips, and the study of new materials provides avenues for possible future applications.

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OSU RESEARCHERS DEVELOP AI-POWERED TOOL TO SUPPORT SMARTER FACILITY MANAGEMENT

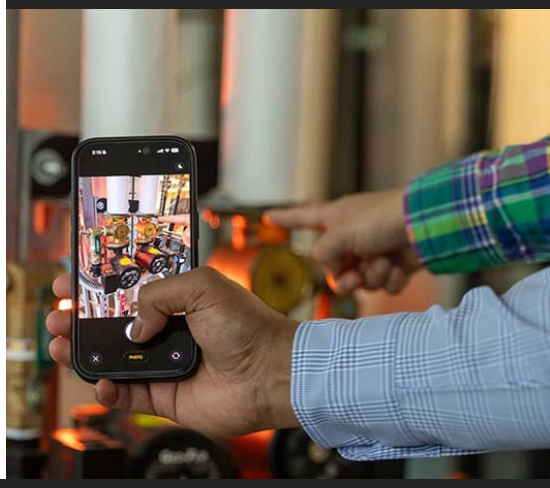
When a critical building system fails, every minute spent searching for information matters. For facility professionals responsible for keeping public buildings operating safely, even identifying the correct component can be a challenge, especially in aging or modified spaces where records may be incomplete or unavailable. Researchers in CEAT are working to change that.

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OSU AND NATIONAL FALLEN FIREFIGHTERS FOUNDATION ESTABLISH PARTNERSHIP

OSU and the National Fallen Firefighters Foundation have signed a memorandum of understanding establishing a strategic partnership aimed at strengthening fire service leadership, expanding applied research and improving firefighter safety nationwide. The collaboration brings together OSU's academic expertise in fire and emergency management with NFFF's mission-driven leadership to honor fallen firefighters, support their families and reduce preventable line-of-duty deaths and injuries.

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STUDY HIGHLIGHTS GROWING IMPORTANCE OF MULTI-DAY STORMS IN FUTURE U.S. FLOOD RISK

Research conducted at Oak Ridge National Laboratory by Dr. Gabriel Perez, assistant professor in the School of Civil and Environmental Engineering, in collaboration with researchers involved in the U.S. Department of Energy's Southeast Texas Urban Integrated Field Laboratory (SETx-UIFL) initiative, found that while extreme rainfall is projected to intensify across the United States, some of the largest increases may come from storms that last several days rather than from short, intense downpours.

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NAVY VETERAN, AMERICAN AIRLINES EMPLOYEE, NEW FATHER AND CEAT GRADUATE

For Holden Kingrey, earning an aerospace engineering degree from CEAT at OSU meant more than excelling in the classroom.

Kingrey, from Bend, Oregon, spent time in the U.S. Navy before enrolling at OSU. At 27, he earned his degree in mechanical and aerospace engineering with a 3.9 GPA while working at American Airlines in Tulsa and raising two young children. Kingrey balanced an engineering curriculum with real-life responsibilities, persevering through long days and tough challenges to finish what he started, true to the Cowboy Code.

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OSU SELECTS WENTZ AND PURDI RESEARCH SCHOLARS FOR 2026-27

OSU recently selected the Wentz and Purdie Research scholars for the upcoming year. In total, 44 Wentz Research Scholars (15 from CEAT) and five Purdie Research Scholars were selected for these competitive awards based on research proposals developed under the guidance of a faculty mentor.

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CEAT RESEARCHER STUDIES HOW ELECTRICAL CONTRACTING FIRMS TRANSITION THROUGH GROWTH

Dr. Amy Lewis, assistant professor for the School of Fire, Construction and Emergency Management is studying how electrical contracting companies transition from founder-driven businesses to more scalable organizations as they grow. The research focuses on a common challenge within the construction industry. Many electrical contracting firms achieve early success through the relationships, instincts and day-to-day involvement of their founders. While that approach can sustain a company for years, growth often becomes more difficult when too many responsibilities continue to run through a single individual.

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CEAT PD LAUNCHES AI COURSE FOR TECHNICAL PROFESSIONALS

CEAT Professional Development, an extension unit of CEAT, is building on its 100-year legacy of technical workforce development with the launch of a new course: AI Literacy and Application for Technical Professionals. Built from industry stakeholder input, the course focuses on examining core AI terminology and explores real-world use cases across Oklahoma industries including oil and gas, aerospace, banking and technology.

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CIVE PROFESSORS GUIDE STUDENTS THROUGH WATER RESEARCH MENTOR PROGRAM

Passion is what drives the efforts of Drs. Mary Foltz and Jaime Schussler as assistant professors in the School of Civil and Environmental Engineering. Both share expertise in water resource management and sustainability. They also share a commitment to mentorship and providing their students and colleagues with tools to be successful researchers in their careers. This has led to the creation of the Oklahoma Established Program to Stimulate Competitive Research (EPSCoR) Water Research Mentorship Program, which just concluded its third cohort of discussions in spring 2026.

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OSU STUDENTS COMPETE AT RESEARCH DAY AT THE CAPITOL

Three OSU students showcased their undergraduate research at the Capitol Rotunda on April 28 during the 31st annual Research Day at the Capitol in Oklahoma City. Chemical engineering student, Ceyda Kara, earned first place in the research-intensive university category for her work on airflow simulation.

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OSU GRADUATES CONNECT WITH EMPLOYERS AT HIREOKLAHOMA CAREER FAIR

Students, alumni and employers from across Oklahoma and Texas recently gathered at the National Cowboy & Western Heritage Museum for the HireOklahoma Multi-University Alumni Career Fair, a statewide networking event designed to connect graduates with employers actively hiring across a variety of industries. The event, hosted in partnership with OSU Career Services and Hire Talent, brought together more than 75 employers and hundreds of alumni, graduates and soon-to-graduate seniors from universities across the state

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CEAT COMPETITION TEAMS GEAR UP FOR THE FUTURE WITH UNVEILING OF TWO NEW CARS

On Friday, May 8, 2026, CEAT's Bullet and Cowboy racing teams unveiled their new cars. Students have been hard at work assembling and testing during the 2025-26 school year. Their cars are built by past members of Bullet and Cowboy Racing, two student-led organizations in which students gain real experience they can carry into their careers. These cars serve as portraits of the past, inspiring students to carry the same traditions forward.

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ALUMNI HIGHLIGHT - ED STOKES

CEAT alumnus and Hall of Fame member Ed Stokes built a successful engineering career through persistence. Raised in a working-class family by parents who grew up during the Great Depression and were unable to finish high school, he learned early the realities of financial hardship. Those experiences shaped his understanding that meaningful change requires ownership — accepting one's circumstances while committing to hard work, perseverance and determination.

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ALUMNI HIGHLIGHT - ERIC HOFFMAN

For Eric Hoffman, architecture begins with careful listening — translating shared values, history and aspiration into spaces that strengthen community. Hoffman, a 1999 graduate of the School of Architecture, is a founding partner of the St. Louis-based firm Patterhn Ives, which he co-founded with Anna Ives and Tony Patterson in 2014. The firm recently received a 2026 Faith & Form International Award for Religious Architecture & Art for its renovation of Kol Rinah Synagogue in Clayton, Missouri.

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ECE STUDENTS EARN IEEE PES SCHOLARSHIPS, PREPARING FOR FUTURE IN ENERGY SECTOR

Two electrical and computer engineering students have been selected for the IEEE Power & Energy Society Scholarship Plus Initiative, a national program that supports undergraduates pursuing careers in power and energy engineering. Jacob McCoy and Braden White were chosen for the competitive scholarship, which provides financial support and connects students to industry experience in the energy sector. The scholarship aims to attract and support students who will help shape the future of power systems.

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DATA CENTER SYMPOSIUM 2026 EXPLORES ENERGY, WATER AND AI CHALLENGES

The Oklahoma Association of Energy Engineers and the Great Plains Center of Excellence at OSU - Industrial Training and Assessment Center hosted the Data Center Symposium 2026: Energy and Water, on April 22 at the Hamm Institute for American Energy. The symposium brought together leaders from academia, industry, government and the energy sector to examine how the rapid growth of artificial intelligence is reshaping infrastructure demands.

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