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## CEAT announces 2025 Hall of Fame inductees and Lohman Medal recipient

The College of Engineering, Architecture and Technology honored the 2025 Hall of Fame and Hall of Fame with Lohmann Medal inductees on Nov. 1. Since 1954, CEAT's Hall of Fame has recognized distinguished engineers, architects and technologists who have made prominent contributions in the fields of business, government and community, in addition to those who have made major contributions to CEAT and OSU.

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## Civil engineering student targets work zone speeding

Speeding in Oklahoma work zones has become a critical safety issue, contributing to a rising number of crashes, injuries and fatalities. Between 2017 and 2022, more than 7,100 collisions occurred in work zones across the state, resulting in 91 deaths, including an Oklahoma Department of Transportation worker, and more than 1,200 injuries.

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## OSU awarded \$2 million for a multidisciplinary project to create water and energy efficiency for farmers

Three land-grant universities are exploring whether producing energy from animal waste and cleaning wastewater can be achieved in one technology system. Three separate types of technologies already exist to generate energy by producing methane from animal waste, clean wastewater and recover phosphate from animal waste.



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## FCEM research looks to determine optimal resilience for critical infrastructure during disasters

Part of Oklahoma State University's land-grant mission is to solve real-world problems through extension efforts and disseminating research findings and training. An important aspect of OSU's Extension is that researchers are focused on solving problems following disasters. This research results in communities being safer and more resilient thanks to policy recommendations and improvements made through OSU research.



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## Stabilizing Force: OSU researchers create 'smoke alarm' for earlier earthquake detection

An earthquake rumbles throughout your home's interior, but the house stays intact. Imagine not just your home staying safe but also bridges, skyscrapers and cultural landmarks. All thanks to a device an Oklahoma State University researcher is developing and testing at this very moment.

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## Niblack Research Scholars' Newest Class

At Oklahoma State University, undergraduates dive into the world of scientific research through the Niblack Research Scholars program. This program transforms their academic journey beyond the classroom, enriches careers, sharpens their future success and guides them toward potential graduate studies.

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## Eight CEAT students chosen as OSU Seniors of Significance

Eight College of Engineering, Architecture and Technology students have been selected as Oklahoma State University Seniors of Significance for the 2025-26 academic year by the OSU Alumni Association. This honors students excelling in scholarship, leadership and service.



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## OSU chemical engineering student receives national AIChE award

Reagan Tollefson, a junior in chemical engineering at Oklahoma State University, has been named the recipient of the 2024-25 Donald F. Othmer Second Year Student Award by the American Institute of Chemical Engineers (AIChE). The award is presented to one student member in each AIChE chapter who has achieved the highest scholastic grade-point average during their first two years of study, based on the recommendation of the chapter advisor.





# CEAT HIGHLIGHTS

NOVEMBER 2025



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## OSU-Tulsa students gain practical industry knowledge during Webco tour

Recently, a graduate student class from Oklahoma State University-Tulsa's Materials Science and Engineering program had a chance to tour Webco Tubing's new Technology Center in Sand Springs, Oklahoma. The visit gave students a unique opportunity to connect classroom learning with real-world applications in advanced manufacturing. The tour showcased the facilities and offered a glimpse on the impact of testing methods.

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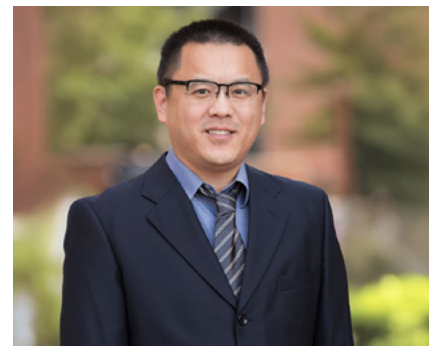
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## Excellence of ECE faculty highlighted with Fellowships

The International Association of Emergency Managers is a global organization dedicated to honoring people whose goal is to save lives and protect property and the environment during emergencies and disasters. Elise Hayes, a Ph.D. student in the CEAT's School of Fire, Construction and Emergency Management, was recently honored with IAEM's Quarantelli Scholarship, which will provide her \$10,000.

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## Mike Xiang named American Society of Mechanical Engineers Fellow

The American Society of Mechanical Engineers is a global organization that is one of the most respected professional organizations for engineers. ASME is comprised of individuals representing innovation and research who shape the future of the planet through industry and technology. Dr. Mike Xiang of MAE is one of the latest named to be an ASME Fellow.



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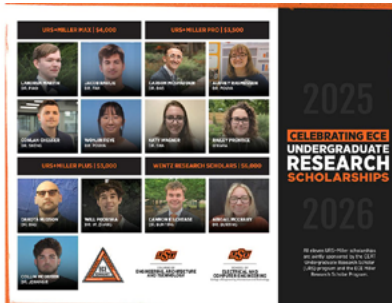


## Dr. de Azevedo elected to national aviation weather steering committee

Dr. Gustavo B.H. de Azevedo, research assistant professor in the School of Mechanical and Aerospace Engineering/Oklahoma Aerospace Institute for Research and Education and adjunct professor for the School of Electrical and Computer Engineering, has been elected to serve on the steering committee of the Friends and Partners in Aviation Weather.



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## ECE and CEAT partner to expand undergraduate research opportunities

The School of Electrical and Computer Engineering introduced the ECE Miller Research Scholar Program in 2024 to encourage undergraduate students to engage in research with ECE faculty. Funded through the Lynn T. Miller Endowment via the Oklahoma State University Foundation, the inaugural 2024-2025 class supported 10 Miller Scholars, each receiving a \$2,000 award.

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## Students utilize LTAP to complete successful internship with City of Tulsa

The College of Engineering, Architecture and Technology has many ways for academia to cross paths with the professional world. From extension training units that provide certifications to training that elevates the careers of those already in the workforce, it also serves as a way for students to gain experience in a variety of industries before they graduate.

WATCH



## Alumni spotlight - Elva Soto

Hear from Elva Soto, a College of Engineering, Architecture and Technology alumna on how CEAT helped shape her career path

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## CEAT well represented in 2025 OSU Homecoming

Congratulations to Jace Johnson and Lenna Abouzahr! Jace is an architecture student and was selected as the Homecoming King. Lenna, an electrical and computer engineering student, was selected as part of the Homecoming Court.





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## 10 years of Stillwater Strong

The 2025 Oklahoma State University homecoming parade marked the 10-year anniversary of the fatal 2015 crash by including a tribute with four riderless horses, representing the four victims: Nash Lucas, Nikita Nakal, and Marvin and Bonnie Stone. The parade also featured a "Stillwater Strong 10-Year Anniversary" banner and flowers that were placed at the memorial after the event, which took place on October 18, 2025. "I want to invite the OSU community to support the mental health initiative launched by the First Cowgirl." - Diana Rodriguez Coca. Left to right: Dr. Chelsie McWhorter (FCEM faculty), Dr. Leslie Stockel (FCEM faculty), Dr. Diana Rodriguez Coca (FCEM faculty and survivor of the homecoming parade crash), Dr. Hanchen Huang (dean of CEAT) and Lance Millis (director of CEAT Student Services) attend the 2025 homecoming parade.

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## 2025 CEAT Homecoming Tailgate

It was a fun afternoon of sharing good food and memorable stories with friends, family and fellow alumni. All our photos from the event can be downloaded [here](#).

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## KOCO News broadcasted a special to remember those we lost and the survivors.



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## Empower the next generation of engineers to help them learn, grow and lead on a global stage!

Are you interested in preparing future leaders to solve real-world problems. One powerful way to do that is to support CEAT's Study abroad programs.



# SEMINAR SPEAKERS

NOVEMBER 2025



CEAT  
SEMINAR SERIES

**NOV. 10 (ARCH 170)**

**Marcio Sequeira de Oliveira**

*Mola Project - Mola: A new way to study,  
teach and design structures*

**NOV 11. (HRC)**

**David E. Boyer president**

**Kyle Ingram, vice president**

*Webco - Apollo 11's Triumph - creating  
engineering's finest hours*

**NOV 11. (HRC-153)**

**Dr. Ritesh Sachan**

*OSU MAE - Creation of high-entropy  
alloy nanoparticles via non-equilibrium  
laser processing*

**NOV 11. (HRC-153)**

**Dr. Haoxuan Chen**

*UCLA - Advancing Environmental  
Inhalation Toxicology Through  
Interdisciplinary Innovation*

*Check out the upcoming  
scheduled speakers!*