

## CEAT HIGHLIGHTS FEBRUARY 7, 2025



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Dr. Rasim Guldiken has been selected as the John Brammer Endowed Professor and head of the School of Mechanical and Aerospace Engineering in OSU's College of Engineering, Architecture and Technology.

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# CEAT research looks at detecting, diagnosing faults in chemical distillation

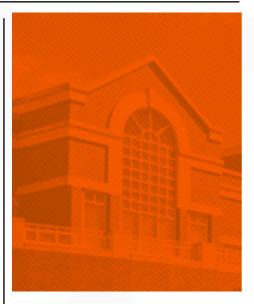
A team led by Dr. Zheyu Jiang, assistant professor in chemical engineering, is working on a two-year Oklahoma Center for the Advancement of Science and Technology project called "FARM: Fast, Accurate, Robust Fault Detection and Diagnosis Software for Industrial Distillation Monitoring.





## Researchers focused on finding right mixture for concrete runways

Dr. Tyler Ley, a professor and concrete expert in the College of Engineering, Architecture and Technology's School of Civil and Environmental Engineering, is the principal investigator for an FAA project titled "Developing Concrete Paving Operations for Airport Runways.



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CEAT SEMINAR SERIES & DISTINGUISHED SPEAKERS



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### Registration open for free firefighter training offered by OSU Fire Service Training Program

Oklahoma State University's Fire Service Training program is providing training conferences over the next two years free of charge to Oklahoma's firefighters. As an outreach component of the College of Engineering, Architecture and Technology, FST provides training and educational services that enable Oklahoma emergency responders to safely meet recognized standards of professional competence.



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#### High school students find meaningful career guidance at Aero-Student Day

The annual Thunder Aerospace Day, hosted by Oklahoma State University, provided high school students a chance to receive guidance from aviation professionals. Students heard industry experts speak and were able to learn more about potential careers in aviation, all while having some fun.

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#### CEAT Alumni Highlight -Christopher Goble

Christopher Goble graduated from CEAT in 1986 with a five-year Bachelor of Architecture professional degree. He is a LEED Accredited Professional, a member of the American Institute of Architects, NCARB certified and licensed to practice architecture in multiple states across the U.S.

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#### OSU research focuses on improving fire safety in 3D-printed materials

A research project in the College of Engineering, Architecture and Technology is investigating the complexities of heat and mass transfer during the ignition and combustion of biopolymer nanocomposites in 3D printing. The research is led by Dr. Ryan Shen, a FPSET professor.



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#### OSU graduate Gupta selected for 10th class of Presidential Leadership Scholars

Sachin Gupta understands the stress of suddenly losing an internet connection during a critical moment, and he strives to ease that anxiety for others. Gupta, a two-time OSU graduate, was selected for a spot in the national Presidential Leadership Scholars program.