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MAE students take on challenge to design compressor assembly for unmanned aircraft

Students in the College of Engineering, Architecture and Technology's School of Mechanical and Aerospace Engineering recently worked on a project to develop an engine to power a unique unmanned aircraft made by W9er Engineering.

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OSU CEAT K-12 STEM program making an impact across Oklahoma

Louie Lopez, director of Department of Defense Science, Technology, Engineering and Math from the Office of the Under Secretary of Defense for Research and Engineering, visited the College of Engineering, Architecture and Technology's STEM program this week to explore what opportunities Oklahoma State University was providing for Oklahoma students.



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MAE alumnus and Niblack Scholar Ethan Biedenstein finalizes his research for the Niblack Scholars Program

For college students, deciding on a future career can be daunting. Completing four years of undergraduate studies is challenging. While some students know they want to continue their education with a graduate degree, others seek opportunities to gain insight into their future.



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CEAT professor focuses on safety while researching highway-rail grade crossings

Research in School of Civil and Environmental Engineering focuses on public safety in all aspects. One research project currently underway with CIVE's Joshua Li is studying safety around highway-rail grade crossings, or railway crossings that are at the same height as the road they cross

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Zhang awarded \$1.1M NSF grant for AI-driven energy system transition against climate change

Dr. Ying Zhang, assistant professor of electrical and computer engineering in the College of Engineering, Architecture and Technology at Oklahoma State University, has received a \$1.1 million subaward from a \$6 million National Science Foundation grant for the project "Accelerating Community-Centric Energy Transformation through Artificial Intelligence-Driven Digital Twinning for Climate-Aware Resilience."

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Two OSU engineering professors receive NSF EAGER award to study ways to decarbonize heavy industries

Dr. Paritosh Ramanan, assistant professor in the School of Industrial Engineering and Management, and Dr. Zheyu Jiang, assistant professor in the School of Chemical Engineering, were recently awarded the National Science Foundation EAGER award.