

## CHE SOPHOMORE AWARDED PRESTIGIOUS BARRY GOLDWATER SCHOLARSHIP

Ceyda Kara, a sophomore pre-med student with a neuroscience minor in the School of Chemical Engineering, earned the 2026 Barry Goldwater Scholarship. This honor is bestowed on top STEM researchers. Kara's expertise includes computational biofluidics research and modeling organs. She has worked with the Oklahoma Medical Relief Foundation and has a goal to become a neural engineer developing brain-computer interface technologies.

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# MAY 2026 CEAT HIGHLIGHTS

## ABOUZAHR NAMED CEAT OUTSTANDING GRADUATE, TO DON ORANGE GOWN

Lenna Abouzahr has been named the orange gown wearer for the spring 2026 CEAT commencement. As the college's outstanding graduate, she is a 4.0 electrical and computer engineering student and an active campus leader, holding roles in organizations like the Society of Women Engineers and CEAT Student Council. Abouzahr is set to intern with American Electric Power before starting a master's program in technology policy at Cambridge University.

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## ECE JUNIOR RECEIVES PRESTIGIOUS TRUMAN SCHOLARSHIP

Abigail McCrary, a junior in the School of Electrical and Computer Engineering, has been named a recipient of the 2026 Harry S. Truman Scholarship. McCrary is one of 55 recipients selected from 781 applicants. The honor is given to students nationwide who show promise in public service leadership. She will finish a commitment to the Naval Surface Warfare Center before pursuing graduate school.

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## ECE GRAD STUDENT RECEIVES NSF GRADUATE FELLOWSHIP

Electrical and Computer Engineering graduate student Soren Petersen was named a recipient of a 2026 National Science Foundation Graduate Fellowship. Petersen works alongside Dr. Weilli Zhang in the Ultrafast Terahertz Optoelectronics Laboratory, developing metamaterials designed to help harness terahertz waves, an elusive part of the electromagnetic spectrum. He aims to develop rapid screening methods for molecular detection as well as advancing high-frequency materials research.

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## MAE PROFESSORS DEVELOP AIRWISE TO IMPROVE AIRCRAFT SAFETY

Drs. Kursat Kara and Ryan Paul of the School of Mechanical and Aerospace Engineering developed “Artificial Intelligence for Real-Time Wake Inference in Ship Environments,” or AIRWISE. This breakthrough models complex “airwakes,” which are turbulent airflows around ships. This concept delivers fast, accurate predictions to improve aircraft landing safety.

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## HU EARNS NSF CAREER AWARD IN SUPPORT OF CIRCUIT DEBUGGING RESEARCH

Dr. John Hu, an assistant professor in the School of Electrical and Computer Engineering, earned an NSF CAREER Award. This will support advancing AI-assisted circuit debugging. Hu’s research develops machine learning tools to more efficiently identify and correct errors in complex integrated circuits. His work also includes student training and outreach, as he aims to improve semiconductor design reliability.

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## UNIVERSITY SCHOOL STUDENTS EXPLORE MATERIALS SCIENCE

Oklahoma State University's Helmerich Research Center in Tulsa hosted middle school students from University School at the University of Tulsa. Students explored materials science through interactive labs involving microscopy, liquid nitrogen experiments and demonstrations of smart materials.

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## NPDC GIVES SMALL BUSINESSES FREE CHANCE TO TEST ROBOTIC ARMS

The New Product Development Center is aiding small businesses in adopting robotics through a hands-on pilot program aimed at reducing costs. A company can test robotic arms in their facilities for 30 days for free while supported by NPDC. This initiative improves efficiency, addresses worker shortages, adds more skills to workers' toolbelts and strengthens productivity and long-term growth.

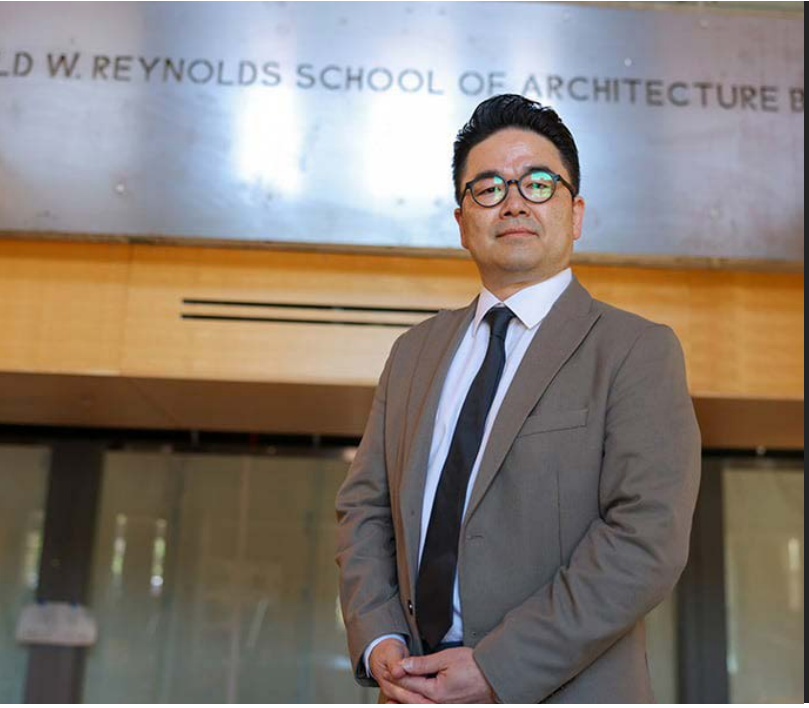
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## COWBOY ROCKETWORKS FINISHES SECOND IN NATIONAL ARGONIA CUP

Cowboy Rocketworks competed at the Argonia Cup, a collegiate rocketry competition, in March, finishing second. The team's rocket, dubbed "Raymond," reached a height of 24,657 feet at Mach 1.5 while carrying a payload of nine golf balls. The team's months of preparation included designing, testing and manufacturing, allowing the team to finish in second place among 21 competing teams.

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## RA NAMED FULBRIGHT U.S. SCHOLAR FOR 2026-27 IN TAIWAN

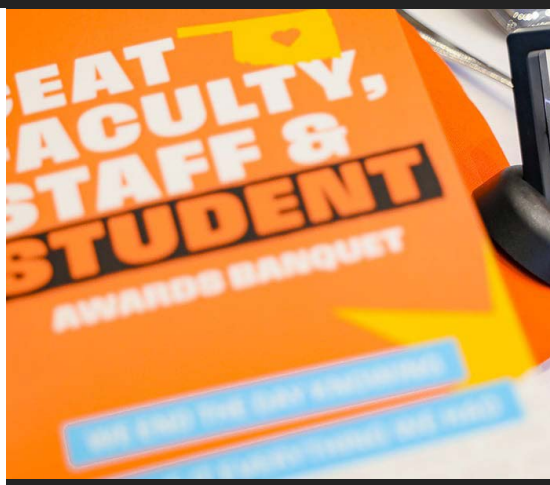
Seung Ra, Professor of Architecture, has been named a Fulbright U.S. Scholar for 2026-27. The award will support his teaching and research in Taiwan, where he will study how major transportation hubs shape urban identity, civic infrastructure, and resilience. Ra's project builds on his ongoing work in civic architecture and urban design. Through this opportunity, he aims to strengthen international partnerships and expand future learning and research opportunities for OSU architecture students

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## DELATTE NAMED FULBRIGHT SCHOLAR ALUMNI AMBASSADOR

Dr. Norb Delatte, a professor in the School of Civil and Environmental Engineering, was named a Fulbright Scholar Alumni Ambassador. A competitive national honor, Delatte was selected from more than 135 applicants and is one of 12 ambassadors and two engineers involved. Drawing on his recent experience teaching and researching in Italy, he will promote Fulbright opportunities through outreach and mentoring.

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## WORK OF CEAT FACULTY, STAFF AND STUDENTS HONORED

The outstanding faculty, staff and students of CEAT were honored during the 2026 Faculty, Staff & Student Awards Banquet held in April. Awards highlighted excellence across multiple departments, recognizing innovation, leadership, dedication and a commitment to making an impact in the engineering world.

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## CEAT FRESHMAN ALREADY MAKING RESEARCH IMPACT IN PURSUIT OF DUAL DEGREES

Ethan Achipa, a freshman pursuing dual degrees in aerospace engineering and mechanical engineering, is already helping advance space research through liquid rocket propulsion testing and orbital modeling for lunar missions. Achipa aims to contribute to long-term space exploration and help develop technologies that support sustained human habitation in space.

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## COWBOY ROCKETWORKS LOOKS TO MAKE “SPACE SHOT” IN 2027

Cowboy Rocketworks, a student-led organization in CEAT, is working to launch a student-built rocket to the edge of space. The group has spent years developing its infrastructure, fabricating parts and testing motors and aims to reach 50 kilometers in 2026 with a “space shot” target of 100 kilometers by 2027.

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## CIVE’S FOLTZ RECEIVES EXCELLENCE IN RESEARCH MENTORING AWARD

Dr. Mary Foltz, assistant professor in the School of Civil and Environmental Engineering, has a long history of student mentorship. For her commitment to student success, Foltz was named a recipient of the 2026 Excellence in Research Mentoring Award. This honor recognizes her ability to create supportive, student-focused research experiences, as well as co-leading a statewide water mentorship program.m.

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## ECE GRADUATE UTILIZES LEADERSHIP SKILLS TO AID FELLOW ENGINEERING STUDENTS

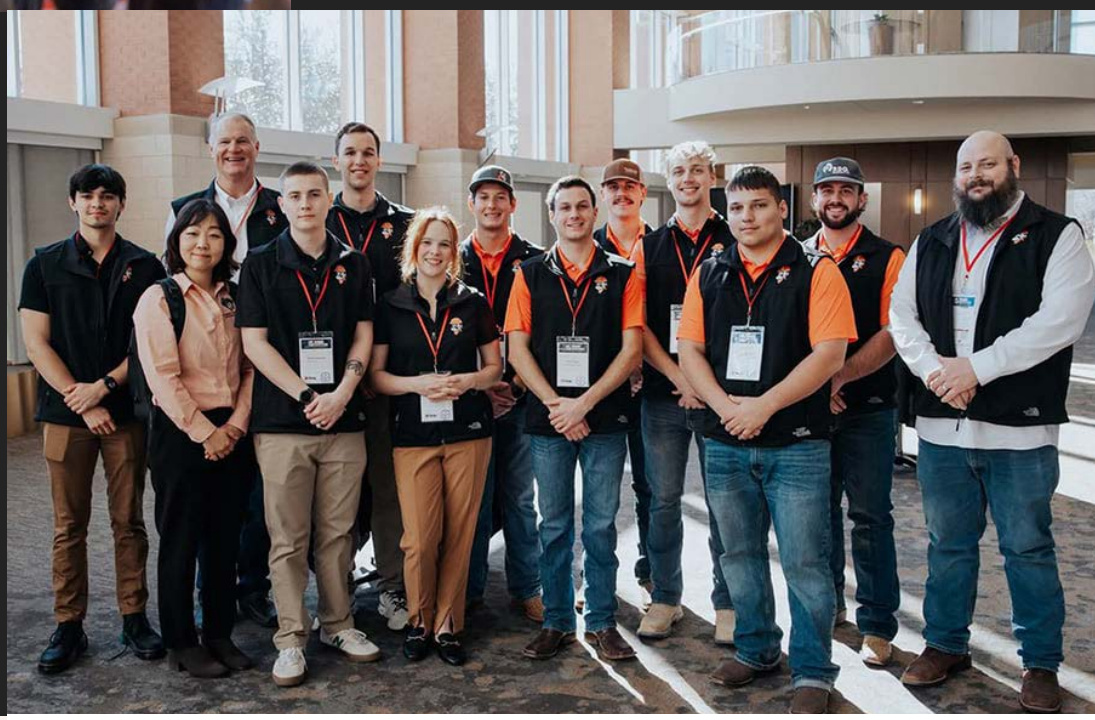
For Jacob McCoy, a graduating senior from the School of Electrical and Computer Engineering, leadership and academic success as an engineer go hand in hand. McCoy recently finished a term as student director for the President's Leadership Council, and found that by applying his learned leadership skills, he was able to help fellow engineering students succeed

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## OSU FACULTY RECOGNIZED AS SOME OF THE NATION'S BEST

Several faculty members were recognized among the world's top researchers on the Stanford/Elsevier Top 2% Scientists List, which ranks scholars based on citation impact and research influence. Faculty from multiple colleges were honored, reflecting OSU's broad excellence in research and innovation, ranking among the nation's best.

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## CET TEAMS SHINE AT REGIONAL COMPETITION IN DALLAS

A cohort of construction engineering technology students had all four teams place in the 2026 Associated Schools of Construction Region 5 competition in Dallas. Two teams finished first in concrete solutions and heavy civil categories, and two other teams placed second and third, respectively, in other categories. The students showcased their prowess against top regional programs in tackling real-world challenges

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## FPSET TEAM WINS GOLD AT SAFETY OLYMPICS

The Fire Protection and Safety Engineering Technology team finished first at the 2026 Safety Olympics hosted by Southeastern Oklahoma State University. Teams from several states took part, and students tackled real-world safety challenges such as hazard recognition, incident investigation and risk management.

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## SACHAN'S RESEARCH FEATURED ON COVER OF ACS NANO

Dr. Ritesh Sachan of the School of Mechanical and Aerospace Engineering recently had his research paper featured on the cover of ACS Nano, a prestigious research publication. Sachan's study of high-entropy oxides showed that these materials better resist radiation damage, leading to potential uses in space exploration.

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## OSU AGC CHAPTER YET AGAIN WINS NATIONAL AWARD

The Oklahoma State University chapter of AGC earned the Community Service Award at the 2025 AGC Outstanding Student Chapter competition, the group's third-straight national recognition. The group was honored for its wildfire relief efforts during the Stillwater fires in May 2025.

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## ALUMNI HIGHLIGHT - KAHLIL B. MARTIN

Kahlil B. Martin, a CEAT alumnus, launched Kahlab, a platform to help real-world communities connect, grow and generate revenue. Using his engineering and industry experience, Martin created the system to support organizations like coworking spaces and social groups.

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## ALUMNI HIGHLIGHT - SURAMPALLI NAMED TO NATIONAL ACADEMY OF ENGINEERING

Dr. Rao Surampalli, an Oklahoma State University alumnus and environmental engineering leader, was named to the National Academy of Engineering, one of the highest honors an engineer can achieve. He was honored for his environmental sustainability efforts.

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## OSU EARNS GLOBAL RECOGNITION IN 2026 QS WORLD UNIVERSITY RANKINGS BY SUBJECT

Oklahoma State University earned global recognition by having multiple disciplines ranked among the world's top programs in the 2026 QS World University Rankings by Subject. This builds on OSU's 5-star QS Stars rating, highlighting excellence in teaching, research, employability and global engagement.

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## FRONTIER ELECTRONIC SYSTEMS AIDS NATIONAL PARTNERS WHILE ROOTED IN OSU VALUES

Frontier Electronic Systems, a Stillwater-based company founded by Oklahoma State University alumni, designs and manufactures electronics for space and military applications. The company has partnered with NASA, Boeing and Lockheed Martin, among others.

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## CEAT CLIMBS IN U.S. NEWS & WORLD REPORT'S RANKING OF BEST ENGINEERING UNIVERSITIES

CEAT ranked No. 105 in the 2026 U.S. News & World Report's ranking of best engineering universities. Several programs placed in the top 100, led by petroleum engineering at No. 14. This recognizes CEAT's upward momentum in providing some of the nation's best engineering programs.

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