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Oklahoma State University RET Site empowers teachers to inspire future semiconductor talent

Regents Professor Dr. Weili Zhang and assistant professor Dr. John Hu, from the College of Engineering, Architecture and Technology's School of Electrical and Computer Engineering, are leading a new Research Experiences for Teachers Site that will immerse high school and community college educators in photonic microchip fabrication, addressing urgent workforce needs in STEM and semiconductor industries.

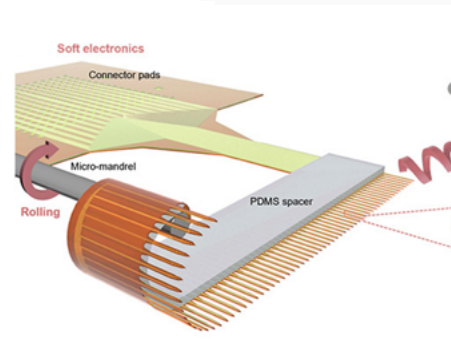
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S2FAR Lab leads in next-generation flight research

At Oklahoma State University's Tulsa campus, the Simulation to Flight Applied Research (S2FAR) Laboratory is working to reimagine the future of flight. Located in the Helmerich Research Center, the lab specializes in taking aerial vehicle concepts from simulation to flight. It gives researchers and students the opportunity to rapidly design, build and test unmanned systems that push the boundaries of aerospace technology

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MAE research takes brain scans to the next dimension

College of Engineering, Architecture and Technology researchers are using transformative research to take neuroscience to the next dimension. This reflects CEAT's commitment to Oklahoma State University's land-grant mission by utilizing innovative research to provide solutions to real-world problems faced by communities in Oklahoma and beyond.

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Advancing civil infrastructure through intelligent systems and safety research: The work of Dr. Joshua Li

Civil infrastructure underpins every aspect of modern life — roads that carry families to school, bridges that support commerce and rail systems that connect rural communities to opportunity. Yet across the U.S., these systems face unprecedented challenges: aging assets, intensifying climates and the growing demands of connected and autonomous mobility.



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Climbing for courage: OSU community honors first responders during 9/11 Memorial Climb

More than 400 first responders gave the ultimate sacrifice on Sept. 11, 2001, and each year, hundreds of participants make their way to Boone Pickens Stadium for the 9/11 Memorial Climb to honor their heroism. Oklahoma State University's Fire Protection Society and the School of Fire, Construction and Emergency Management in the College of Engineering, Architecture and Technology hosted the eighth annual event on Sept. 6.



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Industrial Training and Assessment Center named U.S. DOE Center of the Year

Oklahoma State University's Industrial Training and Assessment Center has been named Center of the Year by the U.S. Department of Energy, a prestigious recognition that highlights OSU's leadership in advancing energy efficiency, workforce development and community impact. Since its founding in 1982, OSU's ITAC has embodied the university's land-grant mission by serving industries and communities across Oklahoma and the Great Plains.

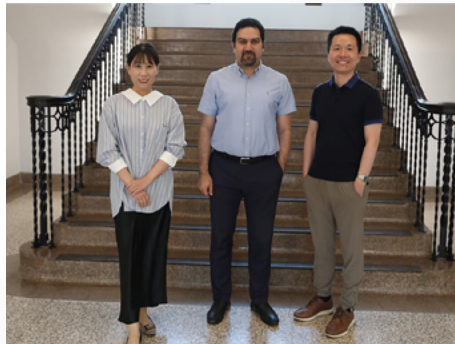
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OSU research explores sustainability of cattle grazing in Kansas wheat-sorghum analysis

Most people would be surprised how much water goes into making a hamburger. Dr. Mary Foltz, assistant professor for the School of Civil and Environmental Engineering, is working with CIVE master's student Allie Thomas to find an alternative to traditional cattle feeding processes that could lessen the carbon footprint and water footprint that standard cattle feedlots produce

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Excellence of ECE faculty highlighted with Fellowships

The College of Engineering, Architecture and Technology at OSU is home to tremendous faculty who instill their world-class expertise into the next generation of engineers. In honor of this level of dedication to their students and research, the School of Electrical and Computer Engineering recognizes early career faculty members with fellowships named after prior faculty who impacted ECE.

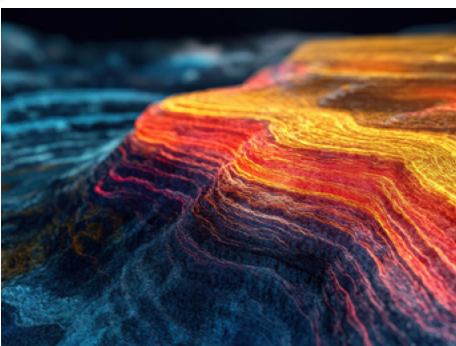
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Four CEAT students named Top 20 Freshmen for Fall '25

Each fall semester, the OSU Mortar Board selects the Top 20 Freshmen Men and Top 20 Freshmen Women for that school year. There is then a vote to select the overall top 10 freshmen men and women. Students apply for this prestigious honor during their sophomore year based on their accomplishments during their first year on campus and are selected based on scholarship, leadership and community service

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OSU, Texas A&M plan national research center to advance safe energy-related geologic storage

Oklahoma State University has joined forces with Texas A&M to establish the National Science Foundation Industry-University Cooperative Research Center for Energy-Related Geologic Storage, a new national hub for research on subsurface storage of fluids used or produced for energy activities. The center invites collaboration with industry partners to ensure research addresses real-world challenges and delivers practical solutions



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Oklahoma State graduates transforming diabetic healthcare with robotics

Two Oklahoma State University graduates are tackling one of the most overlooked yet costly challenges in diabetic healthcare — routine foot care — by inventing a robotic nail care system designed to protect patients and empower podiatrists. Together, they are pioneering robotic solutions that promise to transform how doctors provide care for millions of patients worldwide

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OSU's Dr. Sunderesh Heragu receives Lilian Gilbreth Award

Dr. Sunderesh Heragu, regents professor in the School of Industrial Engineering and Management in the College of Engineering, Architecture and Technology at Oklahoma State University, has been honored with the 2024-25 Lilian Gilbreth Award from the Indian Institute of Industrial Engineering. The award recognizes his outstanding contributions and dedicated service to the field of industrial engineering.

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I-35 interchange designated to honor late Chickasaw ambassador Neal McCaleb

A portion of a major interstate highway will soon honor the late Neal McCaleb, a Chickasaw ambassador who dedicated his career to improving transportation infrastructure in the Chickasaw Nation, Oklahoma and the United States. The interchange of Interstate 35 and East 33rd Street in Edmond, Oklahoma, will be designated as the "Ambassador Neal McCaleb Memorial Interchange" this fall.

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Alumni spotlight - Ravi Iyer

Two shining silvers from the 20th and 21st centuries are my punctuation to an amazing golden journey (1975-2025) filled with thrills, chills and frills in the United States. It was all made possible due to a dream come true ... only because Oklahoma State University gave me a master's admission in chemical engineering with a quarter-time teaching assistantship starting in August 1975. My life has been fulfilling with many milestones over the past 50 years.



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In Memoriam: Dr. Michael Hoban Branson

It is with profound sadness that we announce the passing of Dr. Michael Hoban Branson, emeritus associate professor in the School of Industrial Engineering and Management. Dr. Branson passed away on August 29, 2025, in Phoenix, Arizona, at the age of 83.



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