



CEAT HIGHLIGHTS

JULY 31, 2025



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OSU launches Horizon Scholars program with \$12M in donor support

Oklahoma State University has launched a new prestigious scholarship program with generous support from several Cowboy alumni. In collaboration with President Jim Hess, 12 alumni families have joined together to launch the Horizon Scholars program, which will create a unique educational experience and provide renewable, four-year support for incoming freshmen

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CEAT announces 2025 W.W. Allen Scholars

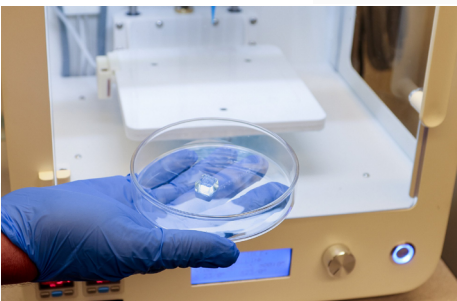
The College of Engineering, Architecture and Technology recently named Camden McDonald, Piper Swain and Austin Wallick as 2025 W.W. Allen Scholars.

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OSU's ITAC program honored with national student and alumni awards

Graduate student Himavanth Sakshi was named an ITAC Outstanding Student Award recipient, and alumnus Evan Hawk has been awarded an ITAC Distinguished Alumni Award. Their achievements reflect not only individual excellence, but also the continued strength of Oklahoma State University's role in the national ITAC network.



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OSU research explores collaborative biofabrication for personalized health care

A new Oklahoma State University research project is reimagining how patient-specific bioengineered products are designed and manufactured by developing a privacy-aware collaborative framework. This new approach will enable knowledge sharing between biofabrication facilities without exposing sensitive patient or design data, aiming to reduce product development time and support mass personalization in additive biofabrication



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Faculty highlight: The Concrete Legacy of Dr. Ley

In a brightly lit lab tucked inside the College of Engineering, Architecture and Technology at Oklahoma State University, you'll often find Dr. Tyler Ley crouched beside a block of concrete — not just any concrete, but a carefully engineered mixture that could change the way we build the world. A Regents Professor in the School of Civil and Environmental Engineering, Ley is internationally recognized for his innovative research on concrete durability, sustainability and education. But to his students, colleagues and the construction industry, he's more than a researcher; he's a storyteller, a teacher and a passionate advocate for making concrete smarter, stronger and more sustainable, sharing this passion with his students in CEAT.

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Dr. Kara's lab awarded \$70K in IBM Quantum credits to advance fluid dynamics

Led by Dr. Kursat Kara, assistant professor in the School of Mechanical and Aerospace Engineering, the KARA Lab is exploring how emerging quantum computing technologies can enhance simulations of fluid behavior around textured surfaces. The research will explore how quantum computers, which process information in entirely new ways, might help simulate these flows faster and more accurately.

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CEAT students named 2025 GEODE Datathon winner

Loic Bethel Dje, OSU petroleum engineering graduate student, along with his team members Juan Carlos Soberanes Merodio, independent drilling optimization manager, Oluchi Osuagwu, independent data scientist, and Vivek Kesireddy, a graduate student at Texas A&M University received third place at the Geothermal Energy from Oil + Gas Demonstrated Engineering Datathon for their project titled "Fracture Flow Facilitators."



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CEAT Alumni Highlight - Jeff Williams

OSU Architecture Alumnus and Emeriti Jeff Williams recognized nationally as a plein air painter. Since 2019, he has been juried into more than 45 major plein air events, including Plein Air Easton, En Plein Air Texas, and Cape Ann Plein Air — traveling over 135,000 miles to capture beauty on canvas. His painting Another Beautiful Day in Oxford earned Third Place at the 2021 Easton Plein Air, selected by Daniel H. Weiss, President and CEO of The Metropolitan Museum of Art. Jeff's work is now represented by Davis & Blevins Gallery (Saint Jo, TX), Art Gallery Prudencia (San Antonio, TX), and regularly featured at Terra Rosa Art Gallery (Guthrie, OK). We celebrate Jeff on this remarkable chapter in his creative journey!