

OSU RESEARCHERS LOOK TO STOP PHOSPHORUS AT THE EDGE OF THE FIELD

Phosphorus that accumulated in agricultural soils years ago continues to pose a challenge for water quality in the Illinois River Watershed. Drs. Jaime Schussler and Mary Foltz are working to develop a way to capture that nutrient before it reaches waterways.

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OCTOBER 2026 CEAT HIGHLIGHTS



NFFF, OSU ESTABLISH INSTITUTE FOR FIREFIGHTER SURVIVABILITY

On Monday, Sept. 21, OSU and the National Fallen Firefighters Foundation announced the launch of the Institute for Firefighter Survivability, a major initiative stemming from a three-year memorandum of understanding signed in May 2026.

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OSU AND ODOT PARTNER TO BETTER UNDERSTAND THE SCIENCE OF ASPHALT PERFORMANCE

A new road can look smooth and finished long before engineers know how well it will perform.

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OSU HOLDS NINTH ANNUAL 9/11 MEMORIAL STAIR CLIMB TO HONOR FALLEN FIREFIGHTERS AND FIRST RESPONDERS

To honor the 25th anniversary of 9/11, the ninth annual Memorial Stair Climb took place in Boone Pickens Stadium at OSU on Sept. 26, 2026. This year, 190 participants climbed 2,200 steps, the equivalent of the 110 stories of the World Trade Center towers.

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FARUQUE, KARA NAMED ASSOCIATE FELLOWS BY AIAA

Drs. Kursat Kara and Imraan Faruque in the School of Mechanical and Aerospace Engineering have been named American Association of Aeronautics and Astronautics Associate Fellows and will be inducted in 2027.

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AEROSPACE FACULTY RECOGNIZED FOR LEADERSHIP, PROFESSIONAL ENGAGEMENT

For faculty from the School of Mechanical and Aerospace Engineering, helping young engineers find their place in aerospace means helping them do more than develop technical skills.

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NEW MOBILE SIMULATOR EXPANDS FIRE TRAINING ACROSS OKLAHOMA

OSU's Fire Service Training is expanding its ability to provide firefighters across Oklahoma with realistic, hands-on training through the purchase of a new Mobile Live Fire Flashover Simulator.

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NSF EPSCOR GRANTS FUEL RESEARCH IN CLEAN HYDROGEN, PRINTED ELECTRONICS

From tiny surfaces where catalysts enable clean hydrogen to cutting-edge electronics that could one day be printed directly onto aircraft, scientists are approaching major questions at different scales.

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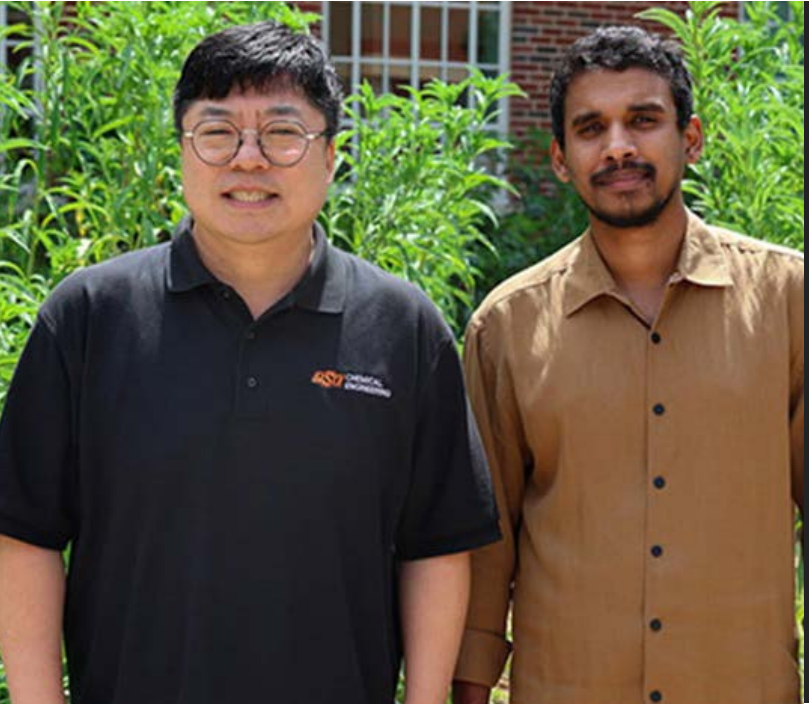




OSU RESEARCH COLLABORATION LOOKS TO ADVANCE SMARTER MULTI-MATERIAL 3D PRINTING

Few manufacturing technologies have revolutionized how products can be designed and produced as much as 3D printing. But researchers are looking to make the process smarter.

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CHE RESEARCHERS INVESTIGATE NEW LITHIUM RECOVERY STRATEGY

Lithium has never been more prevalent in the world than it is today. With the continued rise of electric vehicles, electronic devices, renewable energy systems and batteries, the recovery of lithium is a big business.

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DBIA SOUTHWEST SUPPORTS EXPANDED DESIGN-BUILD EDUCATION AT OSU

The Design-Build Institute of America Southwest Region has selected Dr. Amy King Lewis, assistant professor in the School of Fire, Construction and Emergency Management, to receive its DBIA-SW Faculty Grant.

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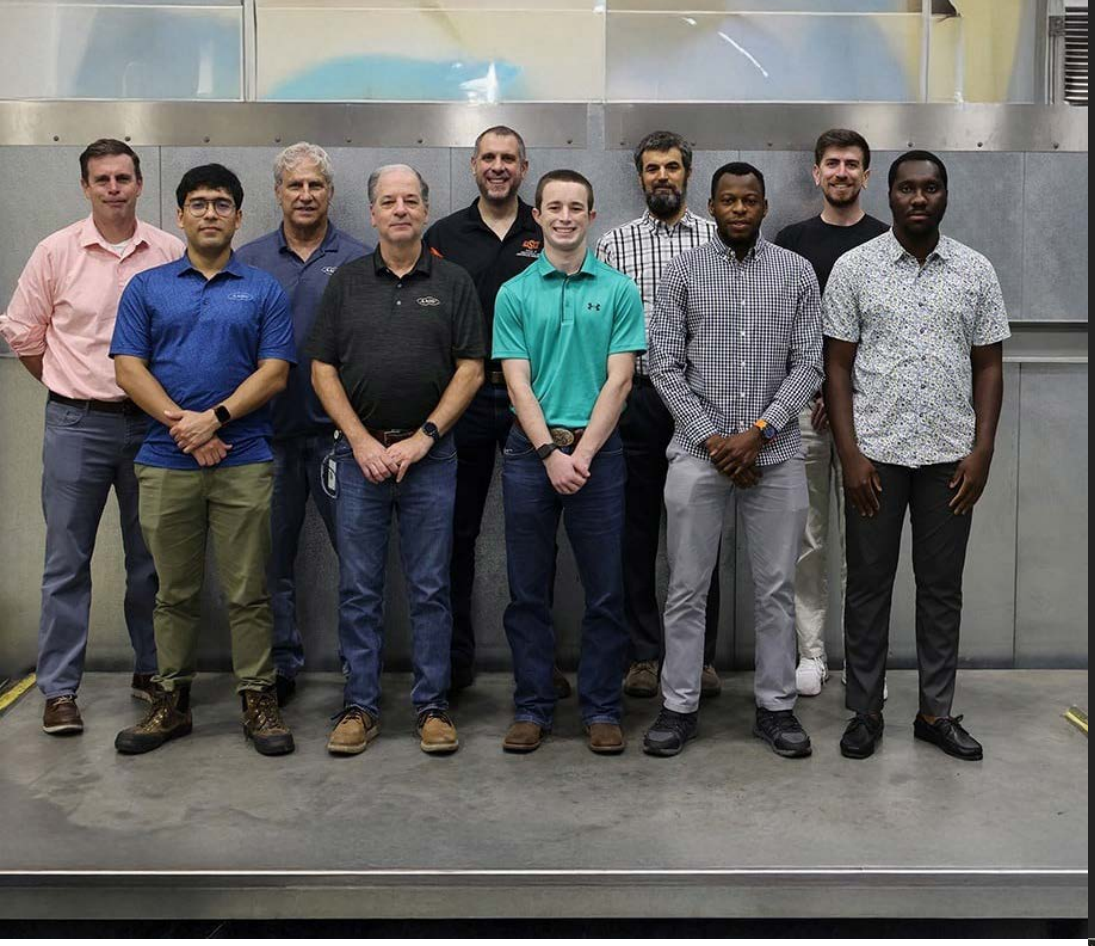




RESEARCHERS DISCOVER NEW FUNCTION IN CATALYSTS

Researchers in the School of Chemical Engineering are challenging long-held assumptions about how catalysts work.

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CIBS FOSTERS COLLABORATION BENEFITING OSU, HVAC INDUSTRY

The Center for Integrated Building Systems advances pre-proprietary research while faculty and students partner with industry.

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IEM'S VO EARNS DISTINGUISHED GRADUATE FELLOWSHIP

Research is like a puzzle for Lucius Vo. Each piece represents part of the problem, and the challenge is figuring out how to complete it.

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RESEARCH SHEDS NEW LIGHT ON EXTREME RAINFALL ESTIMATES USED FOR DAM SAFETY

How much rain could possibly fall during the most extreme storm – and how should engineers prepare critical infrastructure for it?

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WHAT'S NEXT FOR OSU UNDER THE NEW FIVE-YEAR STRATEGIC PLAN?

Students, faculty and staff from across the OSU System gathered at the ConocoPhillips OSU Alumni Center to celebrate the launch of a new five-year strategic plan designed to enhance the student experience, expand the impact of research and discovery and strengthen OSU's service to Oklahoma.

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FOUR IEM STUDENTS EARN MATERIAL HANDLING EDUCATION FOUNDATION SCHOLARSHIPS

Morrow Entrekin, Elanor Mehen, Sheridan Sherrer and Jackson Swant, all students in the School of Industrial Engineering and Management, were among 73 students nationwide selected to receive a combined $312,300 in scholarship.

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LAND-GRANT WEEK CELEBRATES OSU'S MISSION OF GIVING BACK

OSU celebrated Land-grant Week Sept. 21-25, highlighting its commitment to serving Oklahoma and beyond through education, research, outreach and innovation. The week featured a variety of activities and giveaways to celebrate how OSU was founded.

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CEAT REMEMBERS EMERITUS FACULTY MEMBER, FORMER CHE HEAD DR. BILLY LEE CRYNES

The CEAT community is mourning the loss of Dr. Billy Lee Crynes, an emeritus faculty member and former head of the School of Chemical Engineering, whose career in higher education spanned more than three decades. Crynes died Aug. 12 at the age of 88.

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CEAT REMEMBERS EMERITUS FACULTY MEMBER, DEPARTMENT HEAD DALE FLOYD JANES

The CEAT community is mourning the loss of Dale Floyd Janes, a 1950 graduate and former faculty member whose leadership helped shape safety education at OSU for generations of students.

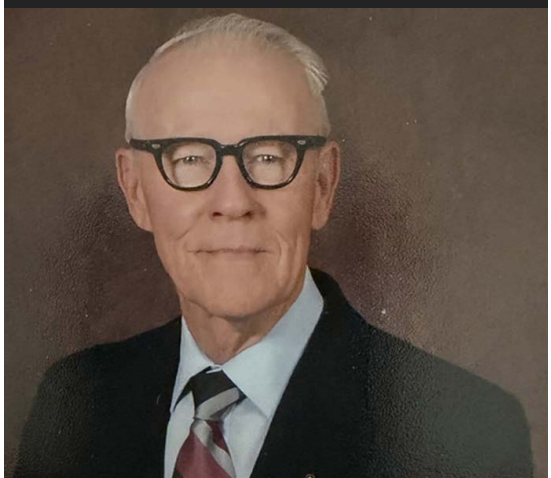
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ALUMNI HIGHLIGHT - MOAATH AL KANDARI

For Moaath Al Kandari, architecture begins with a question. How can a building become part of the life around it instead of standing apart from its surroundings?

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OSU IEM ALUMNUS KENT POWERS BUILDS A LEGACY OF SERVICE

Kent Powers, an industrial engineering and management alumnus, built a successful career in the oil and gas industry, emphasizing leadership, teamwork and service. After retiring, he dedicated much of his time to volunteerism, including with Habitat for Humanity and other community housing initiatives.

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CHECK OUT OUR
UPCOMING SPEAKERS

CEAT
SEMINAR SERIES

OCTOBER

OCT. 2, 10AM (AG HALL 207)
DR. DANIEL ADAMSON - BAE
An honest look at early career building program. Bridging research and extension to reach producers in 2026

OCT. 5, 5:30PM (WWC 111/112)
LARRY ROONEY - CET
Construction Engineering Technology Industry Week

OCT. 9, 11AM (HRC-153/ZOOM)
DR. SANDIP HARIMKAR - MMME
Three effects and spark plasma sintering of amorphous alloys: Applications in advanced materials manufacturing

OCT. 20, 3PM (EN 450)
RON "BUDDY" BAYER - ZINK CENTER
AI has a backbone and it's not artificial: How service providers connect, secure and power the next generation of intelligence

OCT. 2, 3PM (ARCH 170)
DR. TARYN BAYLES - CHE
Creating pathways to engineering through curriculum, outreach and teacher professional development

OCT. 6, 3PM (EN 450)
DR. FERNANDO V. LIMA - CHE
A process operability-based framework for design, optimization and control of modular energy systems

OCT. 13, 3PM (EN 450)
DR. HAE-KWON JEONG - CHE
From interfacial design to molecular sieving: Zif-based mixed-matrix membranes for propyle/propane separation

OCT. 20, 5PM (ES 140)
MITCH MYERS - ZINK CENTER
An engineer's journey to becoming a serial entrepreneur

OCT. 28, 5PM (ARCH 170)
ERIC LONG - ARCH
Structure: Art and architecture

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