



# CEAT HIGHLIGHTS

MAY 22, 2025



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## Auerbach chases Olympic dream after graduating with two majors, two minors and a 4.0 GPA

Sivan Auerbach's pursuit of her passions has led to the highest levels of success in her academic and athletic endeavors. Auerbach, who is from Ein Ayala, Israel, is set to graduate from Oklahoma State University's College of Engineering, Architecture and Technology with two majors, two minors and a 4.0 GPA, and those are just her academic achievements.

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## Bullet Racing accelerates toward further success with alumni donation

Oklahoma State University's Bullet Racing team is speeding toward excellence, thanks to a generous endowment made in memory of a passionate racing enthusiast and CEAT alumni

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## Dr. Brian Elbing featured in The Conversation

Dr. Brian Elbing, a professor in the School of Mechanical and Aerospace Engineering, was featured in an article by The Conversation about studying what happens when meteor-size objects in the atmosphere.

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## CEAT held its annual Order of the Engineer induction ceremony

On May 6, 2025, the College of Engineering, Architecture and Technology held its annual Order of the Engineer induction ceremony where 118 engineering students took a solemn oath to themselves to uphold devotion to the standards and dignity of the engineering profession.



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## Anne Shay named spring 2025 Orange Gown graduate

Anne Shay has left her mark on the College of Engineering, Architecture and Technology by being involved in as much as possible. Shay, a senior mechanical and aerospace engineering major from Edmond, was selected as CEAT's orange gown recipient for the spring 2025 semester. The orange gown is bestowed to one student from each college every semester.



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## Twelve CEAT students named 2025-26 Wentz Research Scholars

Twelve students from Oklahoma State University's College of Engineering, Architecture and Technology have been named 2025-26 Wentz Research Scholars. Scholars receive a \$6,000 scholarship for the academic year to support their research efforts, which is an increase from the previous amount of \$4,500.

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## NPDC's Inventors Assistance Service turning dreams into reality

Being organized can be daunting, especially when it comes to laundry. This was specifically the case for Tammie Lore, a resident of Jenks, Oklahoma. Having sons around the same age made separating laundry difficult to decipher whose socks and compression shorts belonged to whom. This factor led to a unique idea for Lore.

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## CEAT Alumni Spotlight - Roger Harrod

Oklahoma State University School of Architecture alumnus Eric Hoffman and the practice he founded, Patterhn Ives, are featured in a current exhibition at The National Building Museum in Washington, D.C. Open to the public through winter 2026, 'A South Forty: Contemporary Architecture and Design in the American South' highlights the work of 44 vibrant and distinguished design firms practicing near U.S. Interstate 40.



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## Research focusing on concrete mixtures for freezing temperatures

In regions that regularly experience extreme cold, roadways and bridges go through constant freezing and thawing cycles. This requires special blends of concrete known as air-entraining concrete mixtures, which have certain additives to create tiny air bubbles in the concrete. As water freezes inside the concrete, these air bubbles give the frozen water room to expand, helping prevent defects in the concrete.