

CEAT Highlights September 2022

Message from the Dean

COLLEGE OF

AND TECHNOLOGY



Greetings! Welcome to the new edition of CEAT Highlights. We are excited to share the wonderful and impactful things happening in our college, from the research our faculty and students are engaging in, to student, faculty and staff success stories, to our CEAT alumni spotlights.

I hope you enjoy this edition of CEAT Highlights.

Paul Tikalsky

ENGINEERING, ARCHITECTURE

Dean, College of Engineering, Architecture and Technology

OSU School of Electrical and Computer Engineering reaches pivotal milestones in research

The Oklahoma State University School of Electrical and Computer Engineering (ECE) has reached two pivotal milestones in the summer of 2022: Record number of new research awards and contracts; and a record in research funding under current management.



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Alexis Bias was named OSU's 30th Goldwater Scholar

Oklahoma State University junior Alexandria Bias has been awarded the Goldwater Scholarship, the most prestigious undergraduate scholarship in natural sciences, mathematics and engineering in the nation.Bias, a native of Orlando, Florida, is triplemajoring in chemical engineering, mathematics and political science. She has been engaged in undergraduate research in mechanochemistry and condensed matter physics labs, and she currently is involved in Dr. Chris Fennell's computational chemistry and molecular modeling lab as a Niblack Research Scholar.





Oklahoma Aerospace Institute for Research and Education awarded major federal grant for work on Advanced Air Mobility

Oklahoma State University's Oklahoma Aerospace Institute for Research and Education (OAIRE) has received two federal grants to expand its reach and impact in the development of Advanced Air Mobility (AAM).

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CEAT receives INSIGHT Into Diversity Magazine's 2022 Inspiring Program in STEM award

The College of Engineering, Architecture and Technology's (CEAT) Diversity, Equity and Inclusion program (DEI) at Oklahoma State University received the 2022 Inspiring Programs in STEM Award from INSIGHT Into Diversity magazine, the largest and oldest diversity and inclusion publication in higher education.

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OSU College of Engineering, Architecture and Technology awarded top DoD STEM grant

Oklahoma State University's College of Engineering, Architecture and Technology (CEAT) has been awarded the largest university grant in the National Defense Education Program from the U.S. Department of Defense.







CEAT Alumnus Highlight: Dr. Leland Blank, 2021 CEAT HOF and Lohmann Medal recipient

Dr. Leland Blank graduated from Oklahoma State University with his Master of Science in 1968 and his doctoral degree in 1970. Since leaving the School of Industrial Engineering and Management (IEM) at OSU, Blank has built a stellar career spanning multiple universities around the globe. Some of Blank's biggest accomplishments include being a leader in international higher education development and co-author of two current and leading engineering textbooks in engineering economy. Both textbooks are published by McGraw Hill, with the first textbook on its eighth edition, and the second textbook on its third edition. He has served as the Institute of Industrial and Systems Engineers (IISE) president, as well as interim provost, chief academic officer and dean of engineering at the American University of Sharjah in the United Arab Emirates. He was also the principal investigator (PI) or co-PI of multiple educational and research projects. Blank was a distinguished military graduate from ROTC and a recipient of the Army commendation medal.

