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College of Engineering



Fall 2024

NMSU BESTOWS TOP FACULTY TEACHING AWARDS AT FALL CONVOCATION

The Aggie community kicked off the 2024-2025 academic year with a celebration honoring six outstanding faculty members from across the NMSU system. Among them were two College of Engineering faculty members. More than 200 Aggies participated in the fall 2024 convocation on the Las Cruces campus to cheer for the award winners.

Read More: bit.ly/ConvoAwards



NMSU ENGINEERING VIDEOS RECEIVE FOUR AWARDS IN INTERNATIONAL COMPETITION

When Vladimir Avina joined the NMSU College of Engineering as a student intern in 2019, he was given responsibility for a nearly non-existent online media program. Now, a senior media specialist, Avina's work has been awarded four Telly Awards, a global competition honoring "the best work in the video medium in an exciting new era of the moving image on and offline."

Read More: bit.ly/NMSU_Awards



NMSU ENGINEERING PROFESSOR AWARDED GRANT TO STUDY AERODYNAMICS IN AVIATION

Department of Mechanical and Aerospace Engineering Assistant Professor Qiong Liu, who joined the New Mexico State University College of Engineering faculty in January 2023, focuses her work on advancing fluid mechanics through novel research and development.

Read More: bit.ly/NMSU_aerodynamics



Qiong Liu



NMSU AWARDED \$6 MILLION NSF GRANT TO ADDRESS CLIMATE CHANGE, AGING ENERGY INFRASTRUCTURE CONSORTIUM

NMSU has received a four-year, \$6 million NSF grant through the Established Program to Stimulate Competitive Research. This funding was awarded to 14 projects worth \$77.8 million to build research and development capacity and strengthen STEM education opportunities in often underfunded states. Associate Professor Di Shi is leading NMSU's portion of this interdisciplinary project.



Read More: bit.ly/NMSU_NSF



NEW ROBOTICS CLUB EMPOWERS NMSU STUDENTS

As a high school student, Maria Adeliz Ordoñez was a member of a VEX Robotics championship team, but she couldn't find a college-level team at NMSU. So, she put the pieces together to fill the gap.

Read More: bit.ly/NMSU_Robotics



NMSU'S AGGIES WITHOUT LIMITS COMPLETES 19TH LARGEST, INTERNATIONAL COMMUNITY PROJECT

Recently returning from Guatemala, New Mexico State University's Aggies Without Limits, led by Professor Paul Furth and Emeritus Professor Kenny Stevens, have completed its 19th international quest, with the largest project undertaken by the largest group of volunteers yet.

Read More: bit.ly/NMSU_Community



PROMINENT SCHOLARSHIP HELPS NMSU MECHANICAL, AEROSPACE STUDENTS EARN GRADUATE DEGREES COMPETITION

Four mechanical and aerospace engineering students were recognized as recipients of the Tim Thompson Graduate Scholarship Fund in Mechanical and Aerospace Engineering. Tim Thompson and the 2024-25 scholarship recipients Nicholas Hall, James Flesner, Roman Chavez and Nathan Troutman were honored at a ceremony May 3.

Read More: bit.ly/NMSU_Scholarship



THOMAS AND BROWN HALL RENOVATION BEGINS

Demolition of the 50-plus-year-old facility that housed Electrical and Computer Engineering classrooms and laboratories has begun, making way for a new state-of-the-art building. The new building is designed to foster the student-centric focus of the college and to provide a unique learning environment to all students on campus. The efforts and generosity of many people have led to this plan become a reality, including the voters of New Mexico, Governor Michelle Lujan Grisham, our state legislators, and dedicated NMSU employees. We are especially grateful to the private donors whose contributions will serve students for generations to come.

Read More: bit.ly/4717g1b



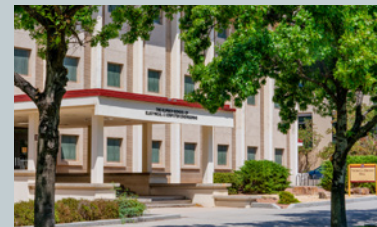
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ON THE COVER:



Thomas and Brown Hall's days are numbered after serving engineering students for more than 50 years. Construction of a new state-of-the-art facility is just beginning.

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"Goddard Broadcast" pays homage to wireless communication pioneer Ralph Willis Goddard, one of the founders of the engineering school in 1914, and former dean of engineering at NMSU, originally known as the New Mexico College of Agriculture and Mechanic Arts.

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