



## THOMAS AND BROWN HALL UP FOR RENOVATION

The College of Engineering is pleased to announce that plans are progressing for replacing the nearly 50-year-old Thomas and Brown Hall. The new facility opens up possibilities to reconfigure the College of Engineering complex. The new building will continue to be home to the Department of Electrical and Computer Engineering. At the same time, it will provide welcomed changes to nurture cross-disciplinary, collaborative and distance learning that promote student success to engineering students and all NMSU students.

The guiding principles for the need and design of this facility is to support and expand the student-centric culture in the College of Engineering that is as old as the college itself. It all began in the early 20th century with Ralph Willis Goddard, pioneer of radio transmission.

The student-centric DNA of this college has persisted for over a century now, with the same underlying themes and challenges. This new facility has been planned to be a beacon for those values across the NMSU campus.

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**College of Engineering**

"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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Summer 2021



## NMSU-DACC PARTNERSHIP AIMS TO DEVELOP SMART-FARMING WORKFORCE EQUIPMENT

The New Mexico State University's College of Engineering and College of Agricultural, Consumer and Environmental Sciences along with Doña Ana Community College have formed a partnership to prepare the next-generation workforce to use innovative smart farming skills including cutting-edge technology and big data analytics to improve food security and improve agricultural industries.

Led by Young Ho Park, professor of mechanical and aerospace engineering, Training of Next Generation Workforce for Smart Food Science and Agricultural Technology in the Digital Era has been funded by the U.S. Department of Agriculture's National Institute of Food and Agriculture for \$500,000.

**Read More:** [enr.nmsu.edu/smart-farming/](http://enr.nmsu.edu/smart-farming/)



## YOUNG GIRLS FIND ROLE MODELS IN NMSU'S SOCIETY OF WOMEN ENGINEERS

**Nothing can get in the way** of New Mexico State University's Society of Women Engineers' mission to inspire the next generation of women in STEM. Not even a global pandemic. For the past three years, SWE members visit fourth and fifth grade girls in Las Cruces to promote STEM careers through an interactive science program called SWENext. But with the pandemic moving school activities online, SWE had to get creative.

**Read More:** [enr.nmsu.edu/pp](http://enr.nmsu.edu/pp)



## NMSU MECHANICAL ENGINEERING PROFESSOR RECEIVES SECOND FULBRIGHT FACULTY AWARD

**Igor Sevostianov**, professor in New Mexico State University's Department of Mechanical and Aerospace Engineering, has received a 2021-2022 Fulbright Faculty Fellowship award. With funding from the U.S. Department of State-sponsored award, Sevostianov will spend the spring 2022 semester in Sofia, Bulgaria, working with colleagues from the Institute of Mechanics at the Bulgarian Academy of Sciences.

This is Sevostianov's second Fulbright award. He spent the spring 2013 semester at the Vienna University of Technology in Austria.

**Read More:** [enr.nmsu.edu/second-fulbright/](http://enr.nmsu.edu/second-fulbright/)



## SPACEPORT AMERICA DIRECTOR HONORED BY COLLEGE OF ENGINEERING

Scott A. McLaughlin, executive director of Spaceport America, was honored as the NMSU College of Engineering spring 2021 *Ingeniero Emimente*, one of the college's highest honors. This honor was part of the May 14 College of Engineering *Sociedad de Ingenieros* ceremony.

The Sociedad de Ingenieros was established at NMSU in 1989 by deans and department heads of the College of Engineering. The society is dedicated to each graduating class of engineers in anticipation of the future contributions they will make to society while practicing their profession. At each ceremony, *eminente* members are inducted into the society. These recipients have distinguished themselves in the field of engineering and serve as role models for new graduates.

**Read More:** [enr.nmsu.edu/mclaughlin](http://enr.nmsu.edu/mclaughlin)

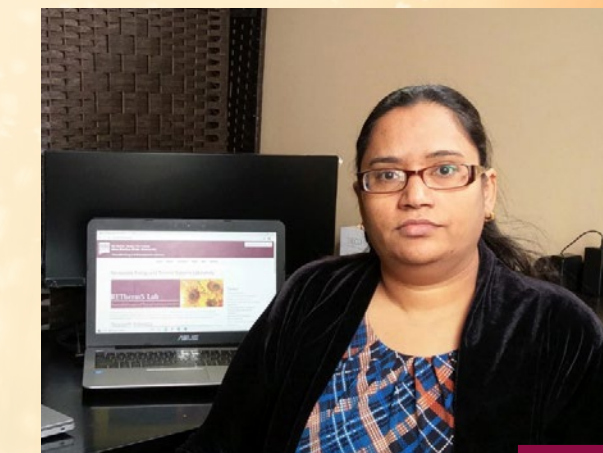


## NEW SOLAR-STILL TECHNOLOGIES HOLD PROMISE FOR INCREASED EFFICIENCY, LOWER COST

A team of engineering researchers at New Mexico State University are making headway toward developing technologies that will make the production of freshwater more efficient and cost effective through the use of solar stills. Their work could provide a viable solution for the world's water-stressed regions.

Estimates suggest that more than 52% of world's population could be living in water-stressed regions by 2050 and many of these regions are arid- or semi-arid, having solar energy abundance. Solar stills are highly suited for these regions or other places with no sustainable and affordable options for clean water.

**Read More:** [enr.nmsu.edu/solar-still/](http://enr.nmsu.edu/solar-still/)



## CIVIL ENGINEERING ASSISTANT PROFESSOR AWARDED PRESTIGIOUS NSF CAREER AWARD

Researching an unusual primate from Madagascar landed Ehsan Dehghan-Niri, assistant professor in the Department of Civil Engineering at NMSU, the 2021 National Science Foundation Faculty Early Career Development award.

The \$500,000 CAREER award will be distributed over the course of five years for Niri's project titled, "CAREER: Understanding the Exceptional Near-Field Auditory System of the Aye-Aye, One of the Most Unusual Primates in the World."

**Read More:** [enr.nmsu.edu/nsf-career/](http://enr.nmsu.edu/nsf-career/)







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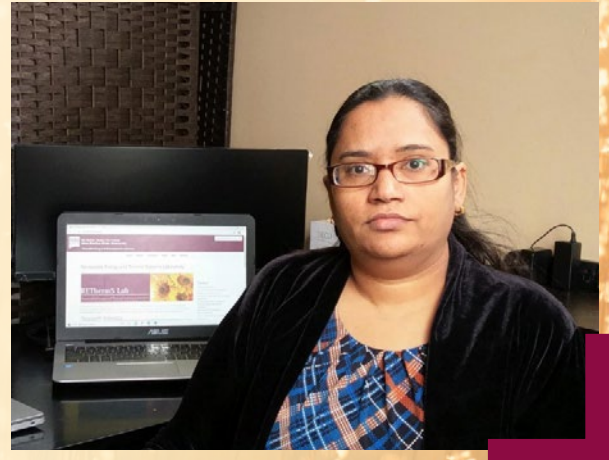


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