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**College of Engineering**

Winter 2024



## NMSU CHEMICAL ENGINEERING RANKS AMONG BEST FOR WOMEN IN STEM

Almost half of the recent graduates from the NMSU Department of Chemical and Materials Engineering are women, and a national publication has noticed. According to Washington Monthly's list of America's Best and Worst Colleges for Women in STEM, NMSU ranked No. 16 for Best Chemical Engineering undergraduate program. NMSU was the second-ranked public institution on the list.

Read More: [bit.ly/CHMERanks](https://bit.ly/CHMERanks)



## NMSU RANKED AMONG TOP 50 BEST-VALUE HISPANIC SERVING INSTITUTIONS FOR INTERNATIONAL STUDENTS

NMSU recently ranked 27 among the top 50 Best Value Hispanic Serving Institutions for International Students in a study generated by Study Abroad Aide, the largest and most comprehensive database of universities in the world. The study identifies Hispanic-Serving Institutions as institutions with a significant number of Hispanic enrollments through the years in higher education offerings.

Read More: [bit.ly/NMSUrankHSI](https://bit.ly/NMSUrankHSI)







## **NMSU AWARDED \$2.5M AS LEAD FOR STATE NSF ALLIANCE FOR MINORITY PARTICIPATION PARTNERSHIP**

The New Mexico Alliance for Minority Participation, or NM AMP, has received a \$2.5 million grant from the National Science Foundation to support the Louis Stokes Renewal STEM Pathways and Research Alliance, at NMSU, the state's lead institution. Since its creation in 1993, the NM AMP partnership has played a pivotal role in transforming the educational experiences of underrepresented minority students in STEM disciplines.

**Read More:** [bit.ly/nmsuAMP](https://bit.ly/nmsuAMP)



Huiping **Cao**



## **ENGINEERING NAMED COLLABORATIVE PARTNER IN DOD STUDY ON TACTICAL EDGE**

The College of Engineering is a collaborating partner in a research team led by the University of Houston on a research project funded by the U.S. Department of Defense. "Analysis Capabilities for Competition, Crisis, and Armed Conflict Combat," or AC4, this initiative aims to enhance the DOD's decision-making capabilities to maintain a strategic edge in combat.

**Read More:** [bit.ly/nmsuDOD](https://bit.ly/nmsuDOD)



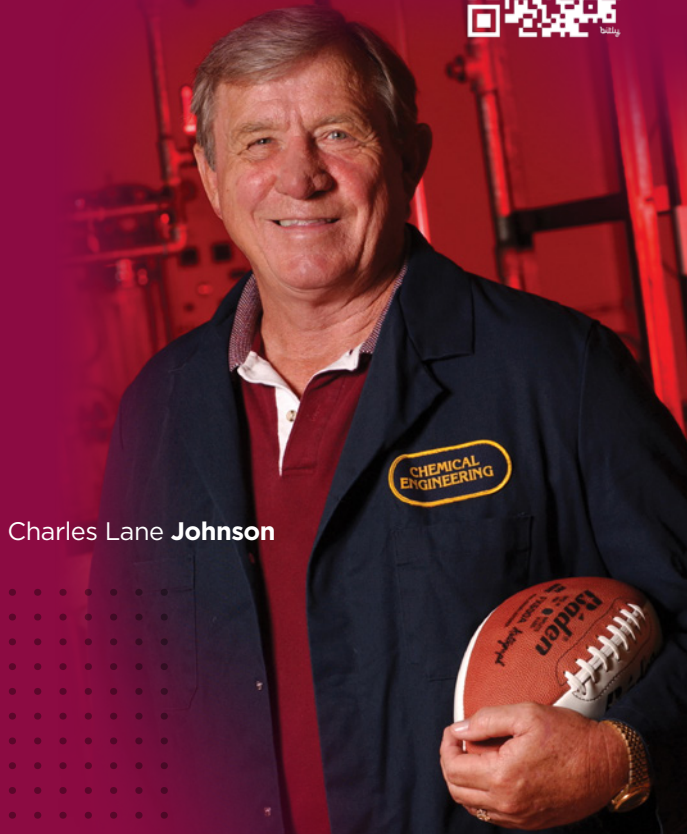
Satyajayant "Jay" **Misra**

## NMSU HONORS ENGINEERING PROFESSOR, NFL LEGEND

Chemical engineering professor. NFL quarterback. Entrepreneur. Football coach. US Army Reservist. Those titles are just some that Charles Lane “Charley” Johnson held during his luminary career. The beloved Aggie passed away at the age of 85 on Sept. 3 at his home in Las Cruces.

“From NFL star to professor and department head, his dedication to education and our NMSU community at large will always inspire. Dr. Johnson will be greatly missed, but his legacy will certainly continue,” interim Dean of Engineering David Jauregui said.

Read More: [bit.ly/NFLengineer](https://bit.ly/NFLengineer)



Charles Lane **Johnson**



Ed Macha

## ENGINEERING ALUM GRATEFUL FOR HIS NMSU BEGINNINGS

As an electrical engineering alumnus, Ed Macha reflects on NMSU’s Thomas and Brown Hall, which is in the process of being replaced. It was in this building where his journey as an engineer began and where he developed a deep connection with the College of Engineering.

“It was the place where we formed ourselves; it shaped our character. It was the springboard to the workforce, and it shapes your whole future, your whole identity and who you will become,” Macha said.

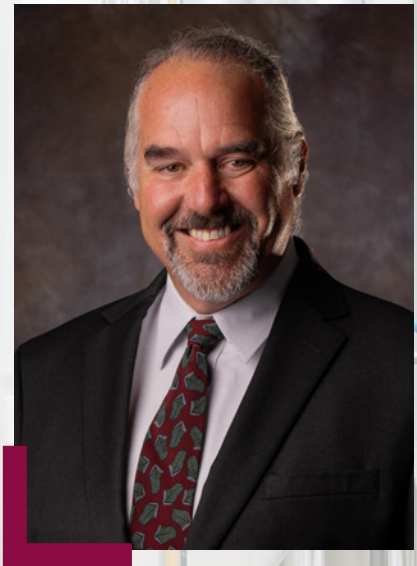
Read More: [bit.ly/EdMacha24](https://bit.ly/EdMacha24)



## NEW DIRECTOR NAMED FOR **BREWERY ENGINEERING PROGRAM**

A casual discussion at church led Stephen Taylor to teach NMSU's elective Brewing Science class in 2012 in the Chemical and Materials Engineering Department. Taylor, already manager of the Seidel NMSBrew Laboratory, has been named director of the Brewery Engineering Program, taking the helm from Associate Professor Catie Brewer.

**Read More:** [bit.ly/NewDirNMSbrew](https://bit.ly/NewDirNMSbrew)



Stephen **Taylor**



Brianna **Wells**

## STAFF SPOTLIGHT: **BRIANNA WELLS, PROGRAM MANAGER**

In 2015, Brianna Wells began her career with the NMSU College of Arts and Sciences as a graduate assistant. Currently, she is a program manager for the Office of Engineering Research. Wells is a 2017 NMSU graduate. She earned her master's degree in English, with an emphasis in rhetoric and professional communication.

**Read More:** [bit.ly/BrieWells](https://bit.ly/BrieWells)





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### ON THE COVER:



The NMSU Chapter of the Society of Women Engineers recently attended the SWE national conference in Chicago, IL. The group holds bake sales year-round to cover a portion of the cost of attendance for its members. Follow SWE on Instagram at @nmsuswe to keep up with them!

## SUPPORT AGGIE ENGINEERING



[bit.ly/SupportingAggies](https://bit.ly/SupportingAggies)

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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.

### CONNECT

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