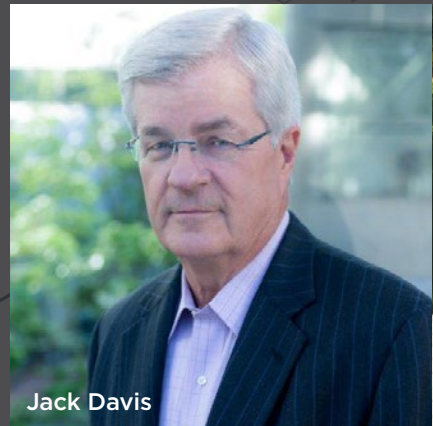
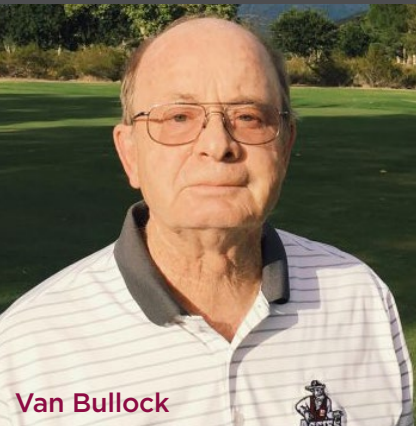


ENGINEERING ALUMNI HONORED



Jack Davis



Van Bullock



Frank Seidel

Continuing a time-honored Homecoming tradition, New Mexico State University honored some of its outstanding alumni this past fall.

The Alumni Association honored Jack Davis, a '69 and '73 graduate as the 2019 Distinguished Alum in Engineering. Davis is the retired president and CEO of Arizona Public Service and president and is the COO of Pinnacle West Capital Corporation, and current chairman of the board for Portland General Electric.

The 2019 James F. Cole Memorial Award recipient is Van Bullock, a two-time graduate - '72 and '76 — of the College of Engineering and the College of Business. Bullock is an associate broker at Steinborn and Associates, a part-time instructor at NMSU and a member of the boards of Jardin de los Niños and the Las Cruces Public Schools Foundation.

NMSU's Arrowhead Center and Office of the Vice President for Research and Graduate Studies announced the inaugural inductee of the NMSU Entrepreneur Hall of Fame: NMSU alum Frank Seidel. A 1981 chemical engineering graduate, Seidel is president of Seidel Technologies, an engineering consulting firm.

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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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Winter 2020

NMSU ENGINEERING RANKS TWELFTH AMONG U.S. BEST VALUE ENGINEERING SCHOOLS



The College of Engineering has just been ranked 12th among the 50 Best Value Engineering Schools for 2019 from a total pool of more than 500 eligible engineering schools. NMSU's ranking is above that of several close by competing engineering schools. NMSU also ranks third highest among 15 peer institutions with engineering colleges of similar size and composition.

Best Value Schools publishes college degree rankings based on the net cost and value of a degree program.

Read more: enr.nmsu.edu/rank/



Engineering colleges need to be highly ranked overall because the pace of technology development and competitiveness of the global economy demands that engineering colleges draw from talent over the full spectrum of social and economic diversity.

—ANTONIO GARCIA, ASSOCIATE DEAN OF ACADEMICS AND GEORGE W. LUCKY PROFESSOR OF CHEMICAL ENGINEERING



NMSU PROGRAM INTENDS TO PLACE WOMEN, MINORITIES IN SCIENCE AND ENGINEERING CAREERS

Over the past two years, the NMSU College of Engineering has been developing a program to increase the graduation rates of underrepresented minorities, particularly minority women, and place them into science and engineering careers.

Initiated in the Department of Electrical and Computer Engineering,

Steven Stochaj, interim department head, and Laura Boucheron, associate professor, lead the Extending Academic Analytics program. The U.S. Department of Education funds the three-year program. Its successes may lead to positive impact for underrepresented minorities pursuing degrees in STEM fields across NMSU.

Read more: enr.nmsu.edu/mseip/

NMSU, PARTNERS AWARDED \$100 MILLION TO TACKLE WATER CHALLENGES

New Mexico State University's College of Engineering is part of a team that received a U.S. Department of Energy five-year, \$100 million grant to create the Energy-Water Desalination Hub to address water security issues. As a member of the National Alliance for Water Innovation team, Pei Xu, the PESCO Endowed Professor and Ward Family Endowed Interdisciplinary Chair in Civil Engineering, is leading NMSU's effort in the consortium. Other consortium members include Lawrence Berkeley National Laboratory, Oak Ridge National Laboratory, National Renewable Energy Laboratory and National Energy Technology Laboratory along with 19 founding university partners and 10 founding industry partners.

Read more: enr.nmsu.edu/water/



NMSU COLLEGE OF ENGINEERING HIGHLIGHTS FACULTY RESEARCH SUCCESSES

Faculty researchers from the College of Engineering notched several research-related accomplishments during the 2019 fiscal year (July 1, 2018, to June 30, 2019), setting the stage for even more successful years to come.

College of Engineering research expenditures grew more than 26 percent to \$13.1 million—the highest level since 2014; the number of new awards was up 42 percent and up 52 percent by dollar value. Google Scholar data showed NMSU engineering faculty members published 258 articles in 2018 compared to 112 in 2017. In the period from 2013–2018, engineering faculty publications were cited more than 46,000 times.

Read more: enr.nmsu.edu/research/

NSF AWARDS NMSU \$5 MILLION FOR PHASE II OF SMART GRID RESEARCH

The National Science Foundation recently awarded NMSU a second \$5 million grant to fund Phase II of collaborative smart grid research. The grant will help researchers build on success of the program over the past five years, which resulted in publication of 450 peer-reviewed papers. The award through the NSF's Center for Research Excellence in Science and Technology seeks to strengthen and improve the efficiency, effectiveness and sustainability of the electric energy grid by addressing infrastructure challenges, security issues and working to create a highly trained and flexible workforce to support the future of the industry. Co-principal investigators Enrico Pontelli, dean of the College of Arts and Sciences and Satish Ranade, electrical and computer engineering professor, lead the program.

Read more: enr.nmsu.edu/smart/

