NSF & NEW MEXICO

FAST FACTS

$45,758,000
Total NSF awards to New Mexico in FY19

$37,947,000
Amount invested in fundamental research in New Mexico in FY19

$7,810,000
Amount invested in STEM education in New Mexico in FY19

$1,282,000
Amount invested in New Mexican startups through NSF's small business program in FY19

$9,040,000
Amount dedicated to stimulating competitive research in New Mexico through NSF EPSCoR

TOP 3 NSF-FUNDED ACADEMIC INSTITUTIONS FOR FY18

$26,910,000
University of New Mexico

$8,386,000
New Mexico State University

$2,271,000
New Mexico Institute of Mining and Technology

CONNECT WITH US ONLINE

@NSF

/US.NSF

@nsfgov

nsf.gov/transform.pdf

In Fiscal Year (FY) 2019, the **National Science Foundation made $45,758,000 in awards** to New Mexico in support of fundamental research, advanced technical education, entrepreneurial training, STEM teacher training, long-term ecological monitoring, small business development, major research instrumentation, and more.

The Very Large Array, one of the world's premier astronomical radio observatories, consists of 27 radio antennas on the Plains of San Agustin, New Mexico. Each antenna is 25 meters (82 feet) in diameter.
Image Credit: Dave Finley, NRAO/AUI/NSF

DID YOU KNOW?

DISCOVERY | To discover how environmental change is affecting dryland ecosystems, in FY 2018 NSF awarded a five-year, $6.4 million grant in support of the Sevilleta Long-Term Ecological Research (LTER) site in central New Mexico. A main goal of the Sevilleta LTER site is understanding how and why dryland ecosystems change over time. Sevilleta scientists will study how long-term environmental trends drive what happens in arid habitats.

STEM WORKFORCE DEVELOPMENT | NSF's CyberCorps® Scholarship for Service (SFS) program is a scholarship program designed to recruit and train the next generation of information technology professionals, industry control system security professionals and security managers to meet the needs of the cybersecurity mission for federal, state, local and tribal governments. All scholarship recipients must work after graduation for a federal, state, local, or tribal government organization in a position related to cybersecurity for a period equal to the length of the scholarship. The **University of New Mexico's** CyberCorps SFS in cybersecurity is graduating skilled cybersecurity professionals with strong leadership skills and a commitment to public service.

SUPPORTING STUDENTS | A FY 2019 $284,780,000 award to **Northern New Mexico College** will focus on creating a platform for students that emphasizes modeling, learning, and collaborative planning. The project seeks to equip undergraduates with systems thinking skills and have them serve as valued participants in environmental planning and flexible ambassadors of new technology en route to deeper learning in the Geosciences.

SCIENCE & ENGINEERING (S&E) INDICATORS | 4.51% of the New Mexican workforce is employed in S&E occupations, and 8.18% of New Mexico's business establishments are industries with high employment in science, engineering and technology occupations.[+]

CENTER | New Mexico State University (NMSU) received a five-year (FY 2020 - FY 2025) $4,998,780 award to establish a Center of Research Excellence in Science and Technology (CREST). CREST provides support to enhance the research capabilities of minority-serving institutions through the establishment of centers that effectively integrate education and research. NMSU will build on the accomplishments of their Phase I Center by addressing design, operational, and security challenges of next generation electric power production and delivery, providing sustainability, reliability, and resilience against low-probability, high-impact events.

National Science Board, National Science Foundation. 2020. Science and Engineering Indicators 2020: The State of U.S. Science and Engineering. NSB-2020 Alexandria, VA. Available at https://ncses.nsf.gov/pubs/nsb20201/.