EXCELLENCE IN RESEARCH

UNM is the only university in New Mexico to receive a designation of R1: Doctoral Universities – Highest Research Activity by The Carnegie Classification of Institutions of Higher Education. UNM is also a member of the Sandia Academic Alliance along with University of Illinois at Urbana-Champaign, University of Texas at Austin, Purdue, and Georgia Tech.

Research funding for 2018

$6 million
Total annual expenditures

RESEARCH AREAS

- Infrastructure and community resilience to natural disasters
- Sustainable construction technologies
- Risk management and decision-making in construction
- Decision making under various types of uncertainty
- Physical-chemical water treatment processes and membrane technologies
- Microbial processes to clean water
- Reliability and sustainability of drinking water supplies
- Groundwater-surface water interactions
- Structural health monitoring and augmented reality
- Nano-modified smart polymer and cement composites
- 3D printed concrete and composites
- Computational modeling of reinforced concrete structures
- Characterization and modeling of pavement materials, geomaterials and binders
- Permeability of porous media and multi-phase flow
- Environmental-based transportation planning

Notable recent grants

$1.4 million National Science Foundation grant to Ricardo Gonzalez-Pinzon to study the interactions of transport nutrient retention and to monitor water quality parameters along the Jemez River-Rio Grande continuum.

$6.7 million awarded to the School of Engineering for the agile manufacturing of aerospace satellites using 3D printing from the Air Force Research Laboratory.

$1 million from the Dana C. Wood endowment for a new professorship for 3D concrete printing, and **$500,000** from the endowment will upgrade a structures and materials laboratory.

STUDENT SNAPSHOT

Enrollment

Spring 2018
Undergraduate: 270
Master's: 61
Ph.D.: 45

Degrees Awarded

2017-18
Undergraduate: 46
Master's: 34
Ph.D.: 10

Scholarships

The department has more funds for scholarships than any other engineering department at UNM. We offer approximately $70,000 to undergraduate and graduate students each year.

DEGREES OFFERED

BS Civil Engineering
BS Construction Engineering
BS Construction Management
MSCE - Master of Science in Civil Engineering
MENG - Master of Engineering
MCM - Master of Construction Management*
PHD - Doctor of Philosophy in Engineering
*this program is offered totally online

ACCREDITATION

- BS Civil Engineering and BS Construction Engineering are accredited by the Engineering Accreditation Commission of ABET
- BS Construction Management is accredited by the American Council for Construction Education

Dimensions of Our Diversity

31 percent of our undergraduates are female

72 percent of our undergraduates are from underrepresented groups

Our students come from all over the world: India, China, Nepal, Egypt, Iran, Ecuador, Spain, Canada, Bangladesh, Pakistan, and Mexico.