

SCHOOL OF ENGINEERING

go.unm.edu/engineering

It takes a special kind of person to want to become an engineer—someone the world turns to to solve all of its increasingly complex problems. Its infrastructure, computing and communications puzzles. Its water and environmental conundrums. Its desperate need for thinner, faster, smaller, stronger and more sustainable everything. Are you up for the challenge? Because we have more than 100 razor-sharp faculty we'd like you to meet if you are. And some hands-on, world-changing, sometimes top-secret research we'd like you to do.



BUILD A RACECAR IN
CLASS: **ME407**

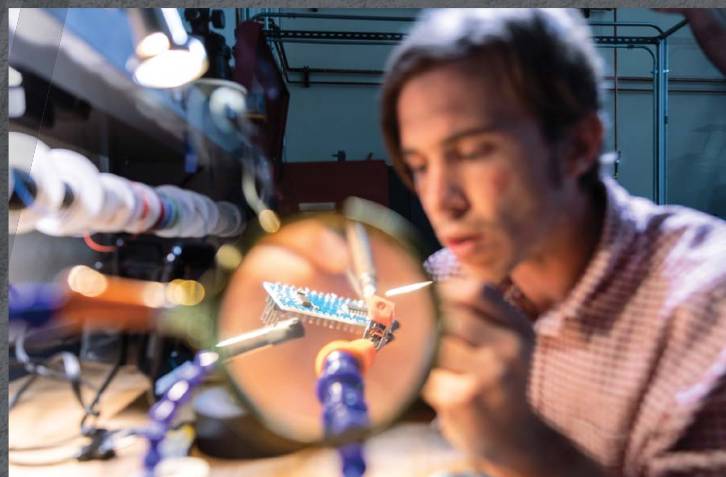
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ENGINEERING SCHOOL
IN NEW MEXICO

TOP 100

ENGINEERING SCHOOL

— U.S. News & World Report, 2019



EVERY DAY, OUR PROFESSORS AND STRATEGIC PARTNERS DO **WORLD-CHANGING RESEARCH** IN OUR CENTERS AND **CREATE UNMATCHED LEARNING OPPORTUNITIES FOR OUR STUDENTS.**

Center for Biomedical Engineering (CBME) | Center for Emerging Energy Technologies (CEET)
COSMIAC | Manufacturing Training and Technology Center (MTTC) | Institute for Space and Nuclear Power Studies
Center for Water and the Environment (CWE) | Resilience Institute



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FACULTY FOCUS

MARINA KOGAN

Assistant Professor,
Department of Computer Science

You can find her on the internet. But more importantly, in an emergency she'll find you. After natural disasters like Hurricanes Sandy, Harvey and Irma, she began researching social computing for the greater good. Setting out to solve problems as whole communities rather than lone individuals. And her desire to harness news-breaking, real-time data when people need it the most—it's mobilized from here.



FACULTY FOCUS

CHRISTOPHER PERFETTI

Assistant Professor,
Department of Computer Science

He's a breaker and a builder. An engineer who plays with atomic nuclei, charting their sensitivities and making energy safer. He knows the implications of his work. How manipulating degrees of isotopic subtleties could mean a future without emissions. Or renewable nuclear energy. So he came here. Splitting time between class and lab to literally power the future.

» WHEN HE'S NOT MAKING STRIDES
IN NUCLEAR ANALYSIS, HE'S LOGGING
MILES FOR HIS NEXT MARATHON.



STUDENT PROFILE

RACHEL STARKWEATHER

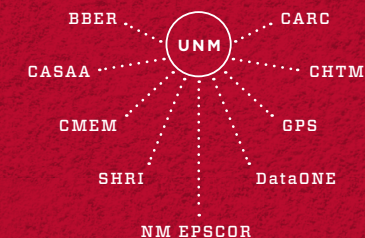
Junior
BS Mechanical Engineering,
Department of Computer Science

Her home away from home is the lab. And at the top of her class, she has her pick. Bleeding-edge research at cutting-edge facilities like Sandia National Laboratories and more. Did we mention those labs are at the top of the world? Beyond her coursework and research work, she sets an example of what it means to lead as a Lobo.

WE CREATE RELATIONSHIPS TO CREATE NEW THINKING.

The University shares information and creates new knowledge alongside others. Others like some of the most technologically advanced laboratory partners in the world. And others like those in our institutes and our Category III research centers. Because we found that if we pair extraordinary people with extraordinary people, wonderful things happen. We find answers. Create jobs. Empower students. And discover ways to improve the health, welfare and security of people everywhere.

CENTERS & INSTITUTES



Find out more about each of
these centers and institutes at
GO.UNM.EDU/RESEARCHCENTERS

WE WORK COLLABORATIVELY WITH
3 NATIONAL LABS—SO YOU CAN.



Air Force Research Laboratory
Sandia National Laboratories
Los Alamos National Laboratory

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