

TOGETHER.

*Igniting curiosity, launching futures,
inspiring solutions*



Dr. Michael Jackson
Interim President, New Mexico Tech



- **Together, we ignite curiosity** through statewide outreach that engages more than 3,000 K–12 students and teachers annually.
- **Together, we open doors** for more than 1,600 students each year with a world-class STEM education – more than 50% depending on financial support to pursue their education.
- **Together, we launch futures.** 94% of NMT students are employed within 1 year of graduation.
- **Together, we advance research** with a \$323M portfolio driving solutions in materials science, energy, cybersecurity, and more.
- **Together, we connect** a community of 14,000 alumni, donors, and friends worldwide who mentor students, open doors, and strengthen careers.

“Progress happens when we work side by side.”

—Dr. Michael Jackson

Together, We Ignite Curiosity

New Mexico Tech understands the power of curiosity and discovery to inspire. Each year, our faculty, staff, and students bring science and engineering to life for more than 3000 K–12 learners and educators across New Mexico. From robotics competitions to professional development for science teachers, NMT's outreach programs ignite curiosity and build confidence in the next generation of innovators.



One of those programs, Buzz Camp, invites 6th–12th grade students to campus for a free week-long summer computer science camp. The program allows students to experiment with coding, math, and engineering, and imagine themselves as future Techies. For Emerald, now a freshman at NMT, Buzz Camp opened a door she didn't even know existed.



EMERALD HAYNES

Emerald first discovered New Mexico Tech through Buzz Camp. The hands-on campus experience, combined with Tech's close-knit community, convinced her that this was the right place to pursue her education. Now a freshman majoring in math and minoring in data science and education, Emerald hopes to become a teacher and inspire the next generation of students. Beyond her coursework, she works with local third graders, helping them strengthen their skills in reading and math.



"I didn't know much about Tech before Buzz Camp. Being here and meeting the faculty and students showed me it was the kind of community I wanted for college."

— Emerald Haynes

"As an NMT alum, I give to Buzz Camp because it opens doors for young students who might never have had a chance to get excited about STEM. Programs like these make science real and accessible, especially in places where opportunities can be limited. That spark of discovery can change everything."

— Brian Deen, Class of 1988, Computer Science

Together, We Launch Futures

From their earliest years on campus, NMT students dive into hands-on opportunities that prepare them for the real world. From capstone projects to research labs to internships across the state and nation, Techies learn by doing. These experiences don't just teach skills, they launch futures, equipping students to lead, innovate, and make an impact from day one. It's why NMT graduates are among the most sought after by employers across industries.

The Sophomore Research Program extends this legacy by introducing students to research early, pairing them with faculty mentors to work on real projects, including developing water purification technologies for space exploration, detecting methane emissions with UAVs, and designing biomimetic robots for environmental monitoring.



Dr. Clint Richardson, faculty lead for the Sophomore Research Program and one of NMT's longest-tenured professors, has seen firsthand how experiential learning opportunities transform students. "It opens their eyes to possibilities they've never considered," he said.



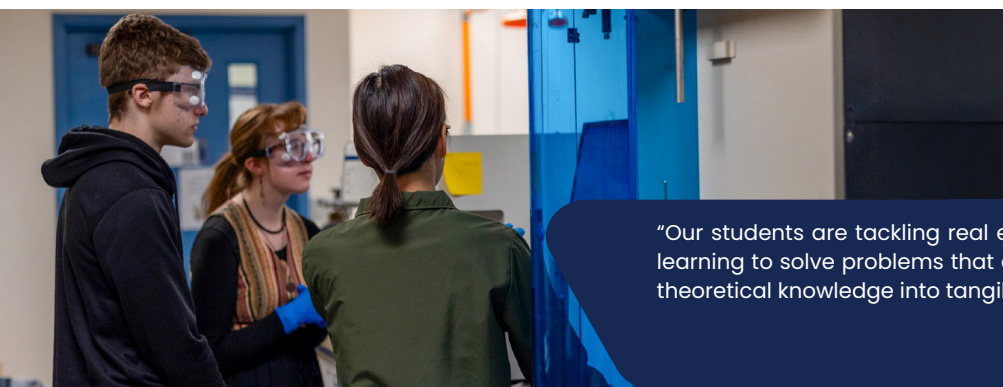
Civil engineering major and former Sophomore Scholar Luke Fletcher joined a team partnering with the New Mexico Department of Transportation to conduct a statewide culvert inventory. He applied his programming and statistical skills to develop quality control processes that improve infrastructure safety. Building on that experience, Luke continued the project over multiple years, presented his findings at national conferences, and co-authored research that helped secure additional funding to advance the work.

"The Sophomore Research Program gave me confidence that I could do real research and that my work could make a difference. It also helped me build friendships and faculty connections I wouldn't have had otherwise. The program is a big part of why I stayed at NMT."
— Luke Fletcher

94% of NMT students are employed within 1 year after graduation.

Together, We Inspire Solutions

Innovation begins with curiosity and the freedom and resources to explore answers. At NMT, faculty and students work side by side to tackle real-world challenges in energy, environment, data security, and technology. From water purification and carbon-neutral fuels to materials for space exploration, Tech isn't just studying problems, we're creating the solutions that move science, industry, and New Mexico forward.

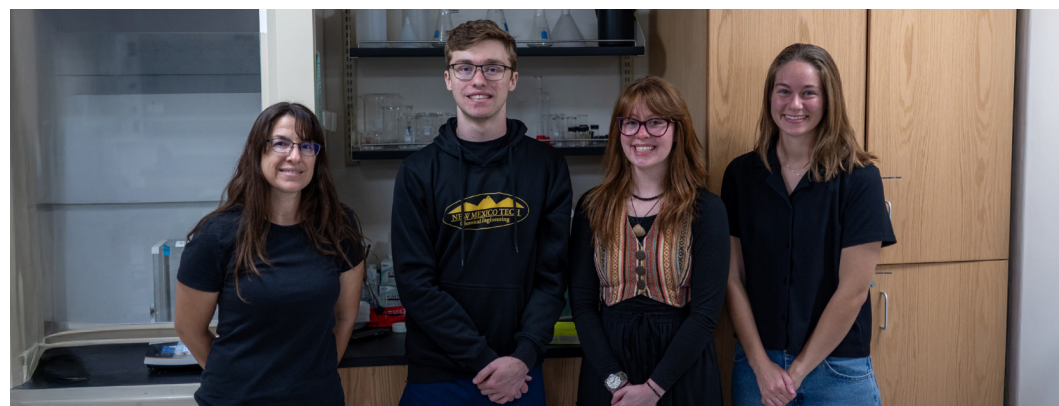


In the Department of Chemical Engineering, students are working on an ambitious project that embodies Tech's legacy of innovation and hands-on learning. Year-long capstone junior design projects are taught by Dr. Michaelann Tartis where students utilize expertise and equipment in faculty research laboratories. In this sustainable energy project, students are guided by Dr. Corey Leclerc, Dean of Engineering.

Through the Green Capstone Design Project, students are developing a Sabatier Reactor, a system that transforms a greenhouse gas into a usable fuel source through the

conversion of captured carbon dioxide to methane with the goal of designing a demonstration scale unit in collaboration with a local biogas producer. Though still in its early stages, the project offers students the opportunity to apply chemical engineering theory to one of the world's most urgent sustainability challenges, reducing carbon emissions and seeking clean energy options.

These types of projects combine learning with impact, giving students the opportunity to collaborate and develop critical thinking skills while also seeing themselves as part of the solution.



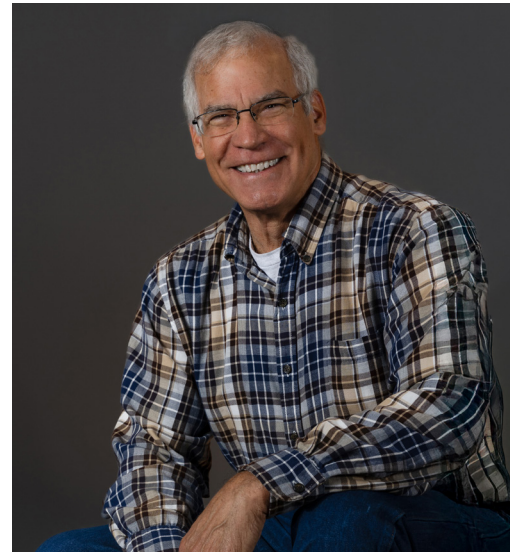
"Our students are tackling real environmental challenges by designing systems that turn waste biogas into renewable fuel. They're learning to solve problems that don't have established answers yet, gaining hands-on experience with equipment and transforming theoretical knowledge into tangible technologies."

— Dr. Michaelann Tartis, Design Clinic Advisor and Alum, Class of 2002

"NMT has a longstanding reputation as a top-tier small university dedicated to solving challenges in natural resource sectors. As green investment now outpaces growth in extractive industries, Tech has an opportunity to expand research, development, and training in sustainable design and form new industry partnerships. By embracing this shift, Tech can position itself at the forefront of innovation and workforce development in the emerging economy."

Together, We Connect Generations

NMT faculty aren't just professors, they are mentors, role models, and bridges between generations. Longtime professors build relationships that extend well beyond the classroom, guiding students into careers, staying connected as alumni rise through industry, and welcoming back the next generation of Techies. These connections weave together NMT's past, present, and future. NMT's world-class, dedicated faculty are the foundation of NMT's reputation for excellence and one reason alumni return year after year.



"The best legacy any professor can leave is that a student says, 'I learned something from you, and I was able to apply it to my life.' That's why I'm still here..."

— Bill Chavez, Professor, Mineral Engineering and Alum, Class of 1977

For nearly 40 years, Dr. Bill Chavez has connected generations of Techies through his teaching and mentorship. A student of the late Dr. Clay T. Smith, Chavez returned to Socorro in 1985 to teach economic geology and fieldwork. Since then, he has guided hundreds of students through the rigors of geology, preparing them to succeed in exploration, mining, and research around the world.

Today, his influence spans decades: he has taught students, worked alongside their children, and even consulted for companies led by his former students. What keeps him in the classroom? Carrying forward the mentoring spirit of his own advisors and sustaining Tech's reputation for excellence.

With a 9:1 student-to-faculty ratio, NMT ensures close mentorship and lifelong connections that shape generations of Techies.

Together, We Strengthen Communities

Across New Mexico, Tech alumni are anchors in their communities, using their education not just to advance careers, but to create access to healthcare, education, and opportunity. In rural towns especially, their impact is magnified. Where resources are scarce, NMT graduates step forward as problem-solvers and leaders, ensuring that their communities thrive.



For more than four decades, Dr. Donald Wenner Jr. ('75, Chemistry) and Laurie Wenner ('77, Biology) have been pillars of health care and community in southeastern New Mexico. Since settling in Roswell after medical school and residency, they have expanded access to rural health care and made lasting investments in the region. Through dedication, leadership, and compassion, they have built a legacy of service grounded in their belief that

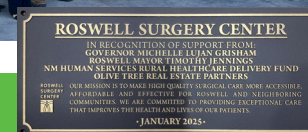
strong families and strong communities grow together.

Dr. Don Wenner Jr., a general surgeon who has served the Roswell area since 1985, has devoted his career to improving access to quality medical care across southeastern New Mexico. Along with his son, Dr. Donald Wenner III ('04, Chemistry), a urologist, he helped establish the Roswell Surgery Center in 2024—a multi-specialty

outpatient facility providing affordable, high-quality care for patients throughout the region. Laurie and Stephanie Wenner ('04, Materials Engineering) also support the center's administration, ensuring that rural residents receive world-class care close to home.

The Wenners' impact doesn't end there. Dr. Nathan Wenner ('06, Biology) operates the only 24-hour veterinary clinic serving the Pecos Valley, and the family has even collaborated across medical and veterinary disciplines to solve complex animal care cases.

Together, the Wenner family dedicate their time and talents to strengthening their community beyond the clinic. They mentor medical students through the Burrell College of Osteopathic Medicine and support K-12 science outreach, offering workshops and experiences that inspire young people to pursue careers in medicine, veterinary science, and engineering. The family also volunteers across civic and faith-based organizations, supporting everything from local school initiatives to community health events. Through this shared commitment to education and service, the Wenners continue to invest in the people and places that have shaped their family's legacy.



"Making a community strong takes more than just living there, it's about investing your time, energy, and resources. New Mexico Tech prepared us to think critically and take initiative, which gave us the confidence to build our own businesses here."

— Nathan Wenner

Together, We are NMT

When you give to New Mexico Tech, you help launch every success story that begins here.

Your support fuels hands-on learning, groundbreaking research, and achievements that reach far beyond campus, creating opportunities that change lives and strengthen communities.

NMT's success is possible only through the dedication of our donors and alumni. Thank you for believing in New Mexico Tech, for investing in our students and faculty, and for helping shape our shared future.

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