



Chief Information Officer
Position Profile



The Opportunity

The Chief Information Officer (CIO) will lead New Mexico Tech's strategic use of information technology to advance the university's mission. Reporting to the Vice President of Finance and Administration, the CIO serves on the Executive Cabinet, collaborating closely with the provost and research center directors. The CIO oversees the Information Technology and Communications (ITC) department and the Academic Center for Technology (ACT), encompassing academic and administrative computing, networking, infrastructure, classroom technology, programming, and telecommunications. Key responsibilities include oversight of enterprise IT, research IT, governance, compliance, and cybersecurity.



NMT 2024 graduation.

Role of the Chief Information Officer

As New Mexico Tech's primary technology leader, the CIO will understand and support the diverse IT needs across academic, administrative, and research divisions, ensuring alignment with the university's strategic goals.

Essential Duties

- Collaborate with university leadership to develop a strategic plan for the application of IT vis-à-vis the institution's priorities, including transparent cost models for the operation and sustainment of enterprise systems.
- Provide robust and sustainable enterprise IT services to the staff, faculty, student, and research components at NMT.
- Assist the President and the Executive Cabinet in leveraging the university's operational data as strategic assets in support of decision-making and planning.
- Provide visionary leadership, setting strategic direction and fostering innovation in IT services.
- Partner with stakeholders to advance institutional goals through the proactive application of technology.
- Oversee the operation of NMT's network and internet infrastructure to ensure high-availability and the ability to scale with increasing future demands.
- Stay informed on IT trends, recommend strategies for both short- and long-term planning, and provide leadership in the transition to next-generation technologies (e.g., cloud, mobile, IoT, etc.).
- Oversee the university's cybersecurity program, including system security, data governance, data integrity, incident response, reporting, risk management, training, and compliance with all applicable federal and state regulations.
- Oversee component-level IT projects to ensure alignment with institutional goals, resource availability, and established data governance.
- Develop and manage IT budgets, including oversight of IT procurement, contracting, and vendor management to ensure standardization of IT services and the realization of economics of scale.
- Advance high-performance computing and networking infrastructures for research.
- Foster partnerships with IT leaders across institutions to leverage resources, including shared services and initiatives that can drive greater value for the university, the city of Socorro, and the state.
- Ensure IT governance processes are inclusive, transparent, and collaborative.
- Support research computing needs, including secure data environments/enclaves and analytics.
- Ensure the operational integrity of NMT's website.
- Perform other duties and special projects as needed.

Preferred Knowledge, Skills, and Abilities

- Strategic vision and dedication to excellence in IT services.
- Expertise in cybersecurity, governance, and compliance.
- Strong analytical, organizational, and multitasking abilities.
- Excellent leadership and communication skills, fostering collaboration with faculty, staff, and students.
- Knowledge of IT best practices supporting teaching, research, and learning.
- Familiarity with ERP systems, telecommunications, security, and emerging technologies.
- Proven ability to manage large IT budgets in a research-intensive setting.
- Broad understanding of research computing, including high-performance computing and secure data environments.
- Knowledge of regulatory requirements in information security (FERPA, CMCC, HIPAA, GDPR, etc.).
- Experience with cloud technology implementation and management.
- Ability to develop IT governance frameworks ensuring effective decision-making.

Required Qualifications

- Bachelor's degree in a technology-related field.
- Five years of progressively responsible experience in strategic planning, budgeting, supervision, and IT management within higher education (ten years preferred).
- Demonstrated experience managing complex IT projects in academic or research settings.
- Valid driver's license.

Preferred Qualifications

- Master's degree or Ph.D. in a technology-related field, business administration, or a related discipline.
- Experience with Ellucian Banner ERP or similar systems (e.g., Workday, PeopleSoft, NetSuite, Jenzabar, Colleague).
- IT management experience in a research-intensive university environment.
- Eligible to obtain up to a TS/SCI Security Clearance.



NMT Class of 2024 move-in weekend.

About New Mexico Tech

NMT was founded in 1889 to train engineers to support the mining boom town of Socorro and to boost the state economy. The New Mexico School of Mines opened on Sept. 5, 1893, with one building, two professors, and seven students. The school incrementally expanded over the eras and changed its name to New Mexico Institute of Mining and Technology in 1951.

For some 135 years, NMT has been at the pinnacle of science, technology, engineering, entrepreneurship, and mathematics (STE²M) education, research, innovation, and entrepreneurship. NMT offers degrees and certificates from associate to doctoral levels, houses numerous pioneering research centers, and is a federally designated Hispanic Serving Institution.



A small but mighty campus of 1,565 degree-seeking students in fall 2023 (1,112 undergraduates and 453 graduate students), New Mexico Tech collaborates and offers expertise to industry partners, national labs, government agencies, the White House, and academic institutions. NMT research spans hydrology and astrophysics, petroleum recovery and explosives engineering, atmospheric physics and materials engineering, cybersecurity and management, and more.

A learn-by-doing campus, NMT equips classrooms with state-of-the-art technology, allowing faculty, staff, and students to conduct real-world, collaborative research that addresses industry needs and pioneers new advancements. Students regularly participate in rigorous experiential learning, challenging fieldwork, and demanding internships with top firms. They also excel at prestigious national competitions, such as Mini Baja and NASA Lunabotics.

New Mexico Tech research divisions work on seminal projects that expand the reach of science and technology. Renowned facilities include the [Energetic Materials Research and Testing Center](#), [Petroleum Recovery Research Center](#), [Magdalena Ridge Observatory](#), [Langmuir Laboratory for Atmospheric Research](#), [Playas Research and Training Center](#), [Institute for Complex Additive Systems Analysis](#),

[New Mexico Bureau of Geology and Mineral Resources](#), and the [National Cave and Karst Research Institute](#), among others.

Over the decades, faculty have contributed significantly to areas such as atmospheric electricity, atmospheric physics, and groundwater hydrology. Current faculty are also making impactful contributions in bioinspiration in aerospace and drone technologies, mammalian DNA repair, and cybersecurity, among others.



NMT's research portfolio exceeds \$300M, with annual research awards approaching \$50M. NMT boasts more than 60 patents and patents pending worldwide, including innovations like the nicotine patch. Each year, NMT's faculty, staff, and students garner over \$130 million in grants and contracts; non-taxpayer research expenditures average \$75,000 per student; and the average research per faculty member is \$800,000. This level of research output is what a 30,000-person research campus strives for and takes enormous pride in.

NMT has trained more than 700,000 workers in Homeland Security, police, and other security-related agencies. New Mexico Tech also conducts top-secret research and serves the nation through training and research programs that involve the Dept. of Defense, Air Force, Army, and other branches of U.S. military.

NMT alumni secure influential positions with major employers such as Abbott Laboratories, Apple, Bank of America, Brookhaven National Laboratory, Chevron, ConocoPhillips, ExxonMobil, Halliburton, Honda, Intel, Lockheed Martin, NASA, Raytheon, Sandia National Laboratories, and many more giants in the field. NMT alumni salaries are higher than those at competitor schools, averaging \$65,800 for early career and \$124,500 for mid-career. NMT's alumni network exceeds 11,000 members.

Majestic mountains overlook NMT's beautiful, rural, 320-acre campus. Facilities also include a manicured 18-hole golf course (open to the public). Its Macey Center hosts a well-attended performing arts series along with an art gallery. The NMT student esports and rugby club teams recently won national championships. There are outdoor adventures galore nestled amid nearby breathtaking mountains. Big-city attractions in Albuquerque are a quick 75-mile drive north. Santa Fe is 139 miles away from Socorro.

NMT takes pride in extensive community outreach, hosting popular events like a robotics demolition derby for 6th-12th graders and a weeklong summer science, technology, engineering, and mathematics program for high school students.

NMT regularly ranks high as a top public college in the West (*U.S. News & World Report*), public universities for percentage of bachelor's students who earn a doctorate (National Science Foundation), and as one the best Hispanic-serving universities in America (Niche.com).

Mission Statement

New Mexico Tech leads education and research in science, technology, engineering, entrepreneurship, and mathematics (STE²M) for New Mexico.

- We educate a diverse student body in foundational and collaborative student-focused programs.
- We expand the body of knowledge through cross-disciplinary, culturally relevant, and challenging discourse in an inclusive setting.
- We forge scientists, engineers, and leaders for the future.
- We pioneer innovation through leading-edge research and creativity, and entrepreneurship.
- We serve the public through research, scientific knowledge, economic development, and STE²M.



Vision

To be an inclusive, distinguished, and vibrant community of scholars dedicated to education, research, and innovation to meet the science, technology, engineering, entrepreneurship, and mathematics (STE²M) challenges of tomorrow.

Institutional Values

New Mexico Tech has defined the following enduring, guiding principles for its continued growth and development as a quality STE²M institution of higher education.

- *Research*
 - Groundbreaking transdisciplinary research that generates knowledge and innovative design for science and engineering and solves challenging and complex problems, driven by a relentless commitment and focus by faculty, students, and research staff.

- *Integrity*
 - Maintaining the highest standards of academic and professional ethics, fairness, and honesty in all endeavors, and being responsible members of the NMT community.
- *Creativity*
 - Creativity is integral to all our teaching, research, and business processes and is driven by curiosity, adaptability, and resourcefulness, requiring imagination, vision, risk-taking, and diligence.
- *Lifelong Learning*
 - Lifelong learning skills are developed through a rigorous curriculum, a challenging educational experience with a foundation of critical thinking and problem-solving, invigorating research, and significant professional development that prepare students, faculty, and staff for continuing individual and career growth.
- *Excellence*
 - High-quality education and research drive excellence in all aspects of our mission.
- *Economic Prosperity and Technological Development*
 - STE²M education, research, technical assistance, and technology transfer are drivers of economic prosperity and technological development in the state, nation, and the world; continuous faculty, researcher, and staff professional development programs and outreach initiatives for underrepresented communities to pursue STE²M careers are hallmarks for the future.
- *Integrated Planning and Decision-Making*
 - Openness, fairness, collaboration, and stakeholder input in university operations are driven by accurate and reliable data made available to the campus community.
- *Collegiality and Collaboration*
 - Positive energy, performance, and support from a collegial and collaborative environment contribute to the advancement of our students, our colleagues, and our institution.



Strategic Plan

To provide an outstanding educational and research experience to our students, NMT is committed to:

- *Empowering Student Success:* Empower our students to reach purposeful academic and career goals through a university culture focused on providing a comprehensive STE²M education while nurturing students to succeed at NMT and beyond.
- *Enriching Engaged Learning:* Enhance undergraduate and graduate STE²M education through

increased opportunities for active learning within and outside of the traditional classroom.

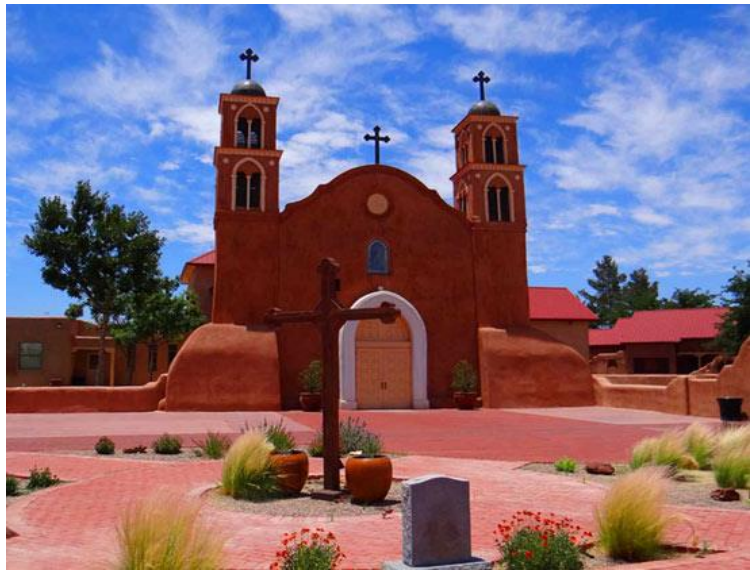
- *DEI Driven Excellence:* Proactively integrate diversity, equity, and inclusive (DEI) excellence into the fabric of NMT, including academics, leadership, decision-making, day-to-day operations, community engagement, and organizational cultures.
- *Amplifying Research Innovation:* NMT will amplify research innovation to meet the challenges of tomorrow through education, transdisciplinary collaboration, and entrepreneurship. Engaged researchers will expand the reach and impact of NMT innovation in the service of New Mexico, the region, nation, and society.
- *Energizing Community:* NMT will serve the public through research, scientific knowledge, economic development, and STE²M outreach, which benefit Socorro and communities throughout New Mexico. NMT will commit to strengthen the bonds with Socorro and surrounding areas by cooperatively developing an open and inclusive identity and a common vision to build a more vibrant and resilient community.
- *Financial Resilience:* Through an open and inclusive budgeting process, expand and diversify funding sources and opportunities to ensure the ongoing viability of delivering the mission of the Institution.

For more information about New Mexico Tech, please visit: <https://nmt.edu/>



About the City of Socorro

Located about 75 miles south of Albuquerque, Socorro is nestled in the Rio Grande Valley at an elevation of 4,579 feet. The former mission town is now a hub for technology, history, and scenic beauty. Socorro is home to a wide array of art, music, theater, golfing, biking, hiking, rockhounding, rock climbing, and gallery hopping as well as wildlife refuges, radio telescopes, a mineral museum, university, historical mission church, and robust performing arts series.



Home to approximately 9,000 residents and ample attractions, Socorro is a town that perpetually earns its good reputation. With abundant leisure activities, a reasonable cost of living, and moderate climate, Socorro residents enjoy its safe and friendly small-town feel, short commutes, and plentiful reasonably priced housing.

Founded in 1598, Socorro is rich in history and offers a vibrant culture. Today the town serves as a charming example of placemaking excellence, preserving its Indigenous and Spanish heritage while earning acclaim as a center for science and technology. In Socorro's historic district, which is home to one of New Mexico's 13 designated state scenic byways and centered on a plaza, the Elfego Baca Heritage Park tells the story of the town through an art wheel and a series of interpretive monuments. The historic San Miguel Catholic Church continues to operate as one of the oldest Catholic churches in the nation and an enduring example of Mission-style architecture. Socorro also has a lovingly restored movie theater that shows first-run releases.



Nature lovers are drawn to Socorro and the surrounding area for its scenic beauty, fascinating wildlife, and outdoor recreation. During the winter, the Bosque del Apache National Wildlife Refuge is home to bald eagles and thousands of sandhill cranes and snow geese. Also, located just five miles from Socorro, Box Canyon is a popular site for camping, hiking, and rock climbing and attracts both locals and knowledgeable visitors.



NMT's popular and beautiful golf course.



For more information about Socorro, please visit: <https://www.socorronm.gov/>.



Nomination & Application Process

Compensation

Salary will be competitive and commensurate with qualifications and experience.

How to Apply

Greenwood Asher & Associates® is assisting the New Mexico Tech in this search. Applications and nominations are now being accepted. Inquiries, nominations, and application materials should be directed to Greenwood Asher & Associates. *For best consideration, please submit your application by Jan. 3, 2025.*

Application materials should include:

- A letter of interest that clearly states the applicant's qualifications for the position
- A current résumé/curriculum vitae

We strongly encourage submitting application materials as two separate PDF attachments. The search will be conducted with a commitment of confidentiality for candidates until finalists are selected. Initial screening of applications will begin immediately and will continue until an appointment is made.

Please direct inquiries, nominations, and application materials to:

Itza Walters

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Lauren McCaghren

Senior Executive Search Consultant & Search Manager

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Greenwood Asher & Associates®

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New Mexico Tech (NMT) is an Equal Opportunity/Affirmative Action institution that is committed to providing equal access to its programs, facilities, and employment for all people. This policy applies to students, employees, applicants, vendors, visitors, and guests. NMT prohibits discrimination and harassment based on the following protected characteristics: race, age, religion, color, national origin, ancestry, sex, sexual orientation, physical or mental disability, serious medical condition, spousal affiliation, gender identity, genetic information, pregnancy, and veteran status.