The Board of Regents of New Mexico Institute of Mining and Technology (NMT) is seeking a visionary leader for its next President. After 29 years at the University and 23 years of service as President, Dr. Daniel H. Lopez has announced his retirement effective June 30, 2016. The University seeks a bold leader to continue to build on a rich history of excellence in education, research and public engagement.

The University
New Mexico Institute of Mining and Technology is a public university granting B.S, M.S, and doctoral degrees specializing in science, technology, engineering, and mathematics. The campus is located in the central Rio Grande Valley city of Socorro, New Mexico, just under 80 miles south of Albuquerque.

The University was founded in 1889 as the New Mexico School of Mines with just one building, two professors and seven students. In 1951, the school changed its name to the New Mexico Institute of Mining and Technology to reflect the increasingly broad range of academic offerings and has grown from a mining-focused university to a research institution, offering a wide range of STEM degrees, as well as offerings in the social sciences and humanities. The University has a strong engineering program and has become a leader in many areas of research, including hydrology, astrophysics, atmospheric physics, geophysics, homeland security, information technology, geosciences, energetic materials engineering, and petroleum recovery. In the fall of 2014, NMT enrolled 1,555 undergraduate students and 550 graduate students. The main campus covers 101 acres with administrative and academic buildings, residence halls, and research facilities.

New Mexico Tech is consistently ranked highly by all major national magazines that publish rankings. Tech is the most successful public institution at preparing undergraduates for Ph.D. programs and immediately follows Princeton, Harvard, Pomona and Haverford College in a National Science Foundation list of institutions with the highest conversion of BS to advanced degrees. In 2014, USA Today rated NMT as the 8th best school for engineering. Additional information about the University can be found at its website located at http://www.nmt.edu.

Research and Economic Development
Research at NMT has expanded enormously over the past 25 years with a wide variety of funding sources including state, local, federal and corporate sponsored research, and across a wide range of disciplines. At its peak, cumulative funding for research and sponsored projects at the University neared $100 million of R&D per annum. NMT is an engaged and active partner in the NSF-funded Experimental Program to Stimulate Competitive Research (EPSCor). In addition, NMT enjoys a successful partnership with the New Mexico IDeA Networks of Biomedical Research Excellence (NM-INBRE), an organization designed to stimulate competitive research in the biomedical field, with many NMT faculty participating and receiving support.
Highlights of research centers and facilities at NMT include:

- **Geophysical Research Center (GRC)**, which supports research in atmospheric physics and chemistry, air quality, seismology, and groundwater hydrology. The Center includes Langmuir Laboratory for Atmospheric Physics, a nationally unique instrumented mountaintop facility for the study of thunderstorms and lightning. The Center is also home to the Portable Array Seismic Studies of the Continental lithosphere (PASSCAL), Incorporated Research Institutions for Seismology (IRIS), and EarthScope, a vast project for deep geoscientific exploration of geologic processes. Center personnel also run NCKRI, the National Cave and Karst Research Institute headquartered in the City of Carlsbad, NM.

- **The Energetic Materials Research and Testing Center (EMRTC)** is a major research division of the University with over 60 years of experience in the research, development and testing of energetic materials and explosives for both corporate and government clients. One of EMRTC’s major divisions- The Institute for Complex Additive Systems Analysis (ICASA) – is at the forefront of advancement in Cyber Security.

- **The Petroleum Recovery Research Center (PRRC)** is dedicated to improved oil and gas recovery research, and is an example of the university’s commitment to applied and translational research. PRRC has been the research arm of the oil and natural gas industry in New Mexico since its establishment by the New Mexico State Legislature in 1977. Today it is one of the nation’s leading petroleum research organizations.

- **Sustainability of semi-Arid Hydrology and Riparian Areas (SAHRA)** is funded under the National Science Foundation’s Science and Technology Center Program. SAHRA’s mission is to promote sustainable management of water resources in semi-arid regions through stakeholder-driven interdisciplinary research, aggressive public outreach, and strong education initiatives leading to rapid dissemination and application of cutting-edge scientific knowledge.

- **Magdalena Ridge Observatory (MRO)** is located on 1,000 acres at 10,600 feet in the Magdalena Mountains of the Cibola National Forest. The MRO consists of two major facilities: an operational 2.4 meter fast-tracking telescope and the Magdalena Ridge Observatory Interferometer (MROI), a ten element optical/infrared interferometer. Partners include the University of Cambridge, U.S Naval Research Laboratory (NRL), NASA, the NSF, New Mexico Department of Transportation (NMDOT) and the Federal Highway Administration (FHWA).

- A significant branch of the National Radio Astronomy Observatory (NRAO) is also located on NMT's campus. Since 1956, the NRAO has designed and operated the most advanced radio telescopes for use by scientists and students around the world. The Socorro NRAO site primarily operates the Very Large Array (VLA) located only an hour from campus. It is also instrumental in the creation of the Atacama Large Millimeter Array (ALMA). Through joint research and graduate fellowships between Tech faculty and NRAO, this facility keeps NMT at the forefront of modern astrophysics.

In 2013, the University built a $24 million 85,000 square-foot Bureau of Geology and Mineral Resources building. The Bureau serves as the state’s geological survey with research,
educational and service functions, and has thus far mapped one-third of the state at a detailed level. Ongoing major projects at the Bureau include the Aquifer Mapping Program, production of a 3D model of the groundwater system and shallow aquifers in the vicinity of White Sands National Monument, and a detailed characterization of water and petroleum resources in the San Juan Basin of northwestern New Mexico. The Bureau is also working with other states and federal agencies to create a publicly available, comprehensive online resource for National Geothermal Data.

Position Summary
Reporting to the Board of Regents, the President serves as the University’s chief executive officer and provides senior administrative leadership for all campus programs, services, operations, and activities. The President is responsible for setting the academic vision, ensuring effective leadership and management of the campus, working effectively with the faculty, and representing the University to the alumni, the community and the state, region and nation. The President exercises overall leadership for the University’s resource development and fundraising initiatives and is responsible for ensuring the fiscal well-being of the University.

NMT seeks a dynamic, visionary leader and strategic thinker who will possess excellent judgment and diplomacy, personal and professional integrity, and a reputation for working collegially and collaboratively with internal and external constituencies. The President will act as a catalyst for creativity, innovation, and progress that will build on the already strong foundation the University has established. He or she will be accessible to the students of the University, and will recognize the centrality of students to the mission of the University and its responsibility for the whole student.

Key Priorities
The President of New Mexico Institute of Mining and Technology will be expected to focus on the following key priorities:

- **Streamlining Communication and Business Processes** – In order to improve organizational performance and contribute to the success of the strategic plan, the University will streamline internal and external communications and update business processes leading to broad-based participation in decision-making; expanded centralized communications; five-year resource allocation planning; and modernized business practices.

- **Building Collaborations as a Community of Scholars** – In order to integrate new faculty, researchers, students, and staff into the university community, NMT will support and encourage them to grow, learn, and innovate, and in so doing spread their expertise and ideas through the New Mexico Tech community and outward. Throughout this cycle, individuals will feel they are part of the broader New Mexico Tech family and that their individual success is enhanced by the success of the community as a whole. This priority strives to foster a sense of connection to NMT; develop incentives to innovate and promote excellence; find new opportunities through outreach activities to public organizations and industry; and enhance security measures on the campus.

- **Expanding Funding Opportunities** – This University is focused on supporting its teaching and research mission through examining NMT’s tuition structure as a key revenue source; expanding the role of the Office of Advancement; expanding funding opportunities for basic and applied research; and building a culture of entrepreneurship.
• **Ensuring Intentional and Planned Quality Growth** – Between 2010 and 2013, NMT enrollment has grown from 1,652 to 1,886 degree-seeking students. This priority seeks to grow the institution in an intentional, planned, and controlled way, with appropriate resource allocation and consideration of the needs of the entire campus community focused on growing undergraduate and graduate enrollment, retention, and success; and strengthening and growing sponsored research.

• **Supporting Student Success** – Student success is central to the University's mission and vision, requiring continuous improvement and enhancement of student support services focused on improving undergraduate student retention, academic support, and research opportunities; enhancing assessment of student learning and program reviews; and graduate student retention and success.

• **Developing and Exploiting Technology and Infrastructure** – Effective technology planning and organization, as well as utilization of current technology, is critical to advancing the University's mission through improved technology planning and productivity; streamlined and reorganized technology funding; and support for data-driven decision-making.

• **Cultivating Transdisciplinary Education and Research** – Embracing a transdisciplinary approach can stimulate creativity and productivity, while still maintaining rigor and strength of individual disciplines, leading to better-prepared students who will be leaders in multi-disciplinary problem solving and research. This priority will be accomplished through increasing transdisciplinary academic programs; increasing transdisciplinary research programs; and developing and sustaining transdisciplinary support mechanisms.

**Qualifications**
The new President must be a visionary leader who shares a passion for NMT's mission to serve the public through education, applied research, service, professional development, teacher education, and service, benefiting the people of New Mexico and beyond. The successful candidate will be a collaborative and energetic leader who will nurture and expand relationships with surrounding communities, corporations, governmental agencies, foundations, and institutions of higher education. The new President must possess the insight to understand and anticipate changes in the environment of higher education so as to position the University as an educational leader. He or she will establish the University at the forefront of educational innovation, discovery and progress through continued commitment to incorporating technology and experiential teaching, learning and research into enhancing student outcomes. In addition, the President will:

• have an earned doctorate or other terminal degree;
• have a proven history of executive level administrative experience and a record of sound fiscal, organizational and management practices;
• possess outstanding communication and interpersonal skills, including the ability and a commitment to listening and problem solving;
• demonstrate an ability to handle conflict and ambiguity coupled with skills necessary to make and explain hard decisions;
• have a proven record of success in energizing an organization to achieve its mission, execute on its vision, and advance its reputation;
• demonstrate the ability to maintain and motivate a strong and effective leadership team; a commitment to a collaborative and inclusive leadership style;
• be an effective delegator and developer of talent and a promoter of transparency and accountability;
• appreciate and promote the University’s unique assets and history and developing innovative approaches to maintain and advance excellence;
• demonstrate the ability to translate relationships with alumni, friends of the University, and new/existing donor base into effective fundraising efforts on behalf of the University;
• have demonstrated experience developing and growing new revenue streams, including such areas as private fundraising, grants and contracts, and technology transfer, etc.;
• have an appreciation for the role that research, scholarship and creative activity play in a university, students’ education, and as an economic driver in the state; a commitment to supporting and promoting research excellence;
• be committed to making a difference in providing quality education for students and aggressively addressing issues related to student success;
• have a successful track record of promoting an environment that embraces inclusivity with a strong commitment to further enhancing NMT’s relationship with New Mexico’s Native American and Hispanic populations;
• have the ability to relate effectively to diverse internal and external University constituents, effectively promote the value of the University, as well as bridge the gap between divergent constituencies;
• have experience developing and executing a powerful, yet realistic vision for a complex organization and success in implementing a strategic plan to achieve that vision;
• have the ability to serve as NMT’s principal spokesperson with well-developed diplomatic and political skills.

It is also preferred, but not required, that the President will:
• Have a degree in a STEM field with a record of academic scholarship and teaching;
• Have administrative experience in higher education;
• Have both industrial and academic experience;
• Have experience promoting transdisciplinary programs and research and identifying/eliminating impediments to effective transdisciplinary work.

Application and Nomination Process
The Search Committee will begin reviewing applications immediately. Applicants must submit a current curriculum vitae and a letter describing relevant experience and interest in the position. Submission of materials via e-mail is strongly encouraged. Nomination letters should include the name, position, address and telephone number of the nominee. All nominations and applications will be handled in confidence.

Applications and letters of nomination should be submitted to:

Alberto Pimentel, Managing Partner
Storbeck/Pimentel & Associates
6512 Painter Avenue
Whittier, CA 90601
562-360-1353(FAX)

Email: apsearch@storbeckpimentel.com
Refer to code “NMT-President” in subject line