



NEW MEXICO
TECHNOLOGY &
INNOVATION OFFICE

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New Mexico launches new center to train quantum technicians

Partnership will help build the state's quantum workforce and give startups a faster path to test and validate hardware

ALBUQUERQUE — The New Mexico Technology and Innovation Office (TIO), CNM Ingenuity, and Elevate Quantum announced today the creation of the New Mexico Quantum Cryogenic Testing & Workforce Development Center, which will train the next generation of quantum technicians and give the state's growing quantum sector a faster path to designing, testing and deploying next-generation quantum technologies.

The new center will be housed within the Roadrunner Quantum Lab in Albuquerque, one of the country's leading quantum hubs. Its open-access cryogenic benchmarking and validation capability will provide an independent environment for evaluating cryogenic components and other emerging quantum hardware technologies. Because many quantum components must operate at extremely low temperatures to function reliably, access to specialized cryogenic equipment is critical for developing and testing these technologies. By making this equipment available to companies and researchers, the center will help New Mexico become one of the fastest places in the country to move quantum technologies from design to prototype and deployment.

The center's training programs will build on the success of CNM Ingenuity's Quantum Learning Lab, home to the nation's first Quantum Technician Bootcamp. Students will receive hands-on training with the same equipment used by leading quantum companies and national labs, working in an integrated environment alongside researchers, startups, industry partners and prospective employers.

"Every dollar we put into quantum training is an investment in growing high-tech jobs and a more diverse economy in New Mexico," said **TIO Director Nora Meyers Sackett**. "This center means New Mexicans can build the technical skills the quantum industry needs right here at home, and the companies creating those jobs have a faster, more competitive place to do their work."

"Quantum technology is advancing rapidly, and the skills needed to support the industry are evolving just as quickly," said **Mark Fidel**, Interim CEO of CNM Ingenuity. "By bringing together industry, government and higher education, this collaboration will give aspiring quantum technicians hands-on experience with some of the world's most advanced systems. It also brings together the complementary strengths of Elevate Quantum's and CNM Ingenuity's training programs to build the skilled workforce New Mexico and the region need to compete and lead in this emerging industry."

"This center puts world-class cryogenic hardware in the hands of the technicians who'll use it on the job, trained alongside the companies most likely to hire them," said **Jessi Olsen**, CEO of Elevate Quantum. "The Mountain West is the center of the quantum future, and we're building a workforce that's ready on day one to help lead it."

New Mexico has invested more than \$450 million into quantum technology infrastructure and workforce, [winning national recognition for its efforts](#) and building on the state's [growing role in the national quantum ecosystem](#).

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The Technology & Innovation Office (TIO) enables companies building the industries of the future to start, grow, and expand in New Mexico.



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