

# Congress of the United States

## House of Representatives

Washington, DC 20515

**ZOE LOFGREN**

18TH DISTRICT, CALIFORNIA

March 19, 2026

Dear Chairman Cole and Ranking Member DeLauro:

I am requesting funding for the San José State University Center for Cryogenic and Quantum Technology Research and Education in Fiscal Year 2027. The entity to receive funding for this project is the San José State University Research Foundation, located at One Washington Square, San José, California 95192.

The funding would be used to establish a Center for Cryogenic and Quantum Technology Research and Education at SJSU, including acquisition of advanced cryogenic research systems capable of reaching temperatures as low as 10 millikelvin, quantum computing hardware and high-performance computing infrastructure, superconducting qubit chip tapeout activities, research personnel and graduate assistants, and associated equipment installation and infrastructure costs.

The project is an appropriate use of taxpayer funds because the United States faces a documented workforce gap in quantum device fabrication, cryogenic systems engineering, and quantum hardware design at a time when these technologies are critical to national security, economic competitiveness, and technological leadership. SJSU is located in the heart of Silicon Valley in CA-18, and the Center will train at least 20 specialized quantum technology students annually while serving as a shared-access resource for all California State University campuses. The Center directly feeds a high-skill workforce pipeline into regional employers in semiconductor, AI, aerospace, and defense sectors.

The project has a federal nexus because the funding provided is for purposes authorized under the National Quantum Initiative Act (15 U.S.C. § 8801 et seq.), which directs federal agencies to accelerate quantum information science research and workforce development, and under NIST's statutory mission (15 U.S.C. § 271 et seq.) to promote U.S. innovation and industrial competitiveness through measurement science, standards development, and technology advancement.

I certify that I have no financial interest in this project, and neither does anyone in my immediate family.

Sincerely,

A handwritten signature in blue ink, appearing to read "Zoe Lofgren", with a long horizontal flourish extending to the right.

**Zoe Lofgren**

Member of Congress

California's 18th Congressional District