



## SENATE JOINT RESOLUTION 24-011

BY SENATOR(S) Baisley and Bridges, Buckner, Coleman, Cutter, Danielson, Exum, Gardner, Ginal, Gonzales, Hansen, Hinrichsen, Jaquez Lewis, Kirkmeyer, Kolker, Liston, Lundeen, Marchman, Michaelson Jenet, Mullica, Pelton B., Pelton R., Priola, Rich, Roberts, Rodriguez, Simpson, Smallwood, Sullivan, Van Winkle, Will, Winter F., Zenzinger, Fenberg;  
also REPRESENTATIVE(S) Valdez and Soper, Amabile, Bacon, Bird, Boesenecker, Brown, Catlin, Clifford, Daugherty, Duran, Froelich, Hamrick, Jodeh, Kipp, Lieder, Lindstedt, Lukens, Mabrey, Marshall, Marvin, Mauro, McCormick, McLachlan, Ortiz, Ricks, Rutinel, Sirota, Snyder, Story, Taggart, Titone, Velasco, Woodrow, Young, McCluskie.

CONCERNING THE RECOGNITION OF COLORADO'S  
GLOBALLY COMPETITIVE QUANTUM TECHNOLOGY  
INDUSTRY.

WHEREAS, Under the federal "Creating Helpful Incentives to Produce Semiconductors (CHIPS) and Science Act" enacted in 2022, the United States Department of Commerce's Economic Development Administration is overseeing the Regional Technology and Innovation Hubs, or "Tech Hubs", program, a competitive process to select 5 to 10 federally designated Tech Hubs across the country, with \$500 million in appropriated funding available in 2024 and up to \$10 billion over 5 years; and

WHEREAS, In October 2023, the federal government announced that Colorado was successful in its bid pursuing a regional Phase 1 Tech Hub designation, enabling our state to compete for new funds to develop the quantum technology industry; the Tech Hub bid is led by Elevate Quantum, a Colorado-led nonprofit consisting of a consortium of over 70 member organizations across Colorado, New Mexico, and Wyoming aiming to maintain the Mountain West as the nation's leading quantum ecosystem; and

WHEREAS, Colorado is currently competing nationally for the Tech Hubs program's Phase 2 Tech Hub designation and accompanying grant for quantum technology; if successful, Colorado will secure the federal funding necessary to develop a global hub for the quantum technology ecosystem, including quantum computing, sensing, networking, and enabling hardware; and

WHEREAS, Colorado is internationally recognized for its contributions to quantum physics and is home to 4 winners of the Nobel Prize in Physics for quantum breakthroughs that shifted global understanding in the field; and

WHEREAS, Colorado has more quantum startups, more deployed quantum technology, more private sector investments in quantum technology, more employees working for quantum companies, and more overall economic output within the quantum industry than any other state; and

WHEREAS, Colorado's quantum technology industry has fostered a 40% increase in the number of patents secured over the last 10 years and a 545% increase in the total third-party funding amount over the last 5 years; and

WHEREAS, Establishing Colorado as the global hub for quantum technology will result in an economic impact of more than \$1 billion statewide and over 10,000 jobs from the Phase 2 Tech Hub designation alone; and

WHEREAS, Colorado's quantum technology industry has garnered international recognition for its groundbreaking achievements, positioning the state as a leader in quantum research, development, and innovation; and

WHEREAS, The collaborative efforts of higher education institutions, industry, and government agencies have played a pivotal role in nurturing Colorado's quantum technology ecosystem, fostering an environment conducive to research advancements, technology deployment to improve quality of life, and economic prosperity for Colorado and our global community; now, therefore,

*Be It Resolved by the Senate of the Seventy-fourth General Assembly of the State of Colorado, the House of Representatives concurring herein:*

That we, the members of the Colorado General Assembly:

(1) Recognize the growing and competitive position of Colorado's application for designation as a Phase 2 Tech Hub for quantum technology and acknowledge Colorado's exemplary achievements and strategic initiatives in quantum technology; and

(2) Urge the Economic Development Administration and any additional federal agencies overseeing the Phase 2 Tech Hubs selection process to support Colorado's achievements and strategic initiatives and consider Colorado for federal designation as a Phase 2 Tech Hub for quantum technology.

*Be It Further Resolved,* That copies of this Joint Resolution be sent to the Office of the Governor, the Colorado Office of Economic Development and International Trade, the United States Economic Development Administration and any additional federal agencies

overseeing the Phase 2 Tech Hubs selection process, Elevate Quantum, and each member of Colorado's congressional delegation.

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Steve Fenberg  
PRESIDENT OF  
THE SENATE

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Julie McCluskie  
SPEAKER OF THE HOUSE  
OF REPRESENTATIVES

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Cindi L. Markwell  
SECRETARY OF  
THE SENATE

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Robin Jones  
CHIEF CLERK OF THE HOUSE  
OF REPRESENTATIVES