

119TH CONGRESS
2D SESSION

H. R. 8237

To amend the National Quantum Initiative Act to upgrade and improve access to quantum research resources, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

APRIL 9, 2026

Ms. SALINAS (for herself and Mr. BAIRD) introduced the following bill; which was referred to the Committee on Science, Space, and Technology

A BILL

To amend the National Quantum Initiative Act to upgrade and improve access to quantum research resources, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Quantum Instrumenta-
5 tion for Science and Engineering Act”.

6 **SEC. 2. UPGRADING AND IMPROVING ACCESS TO QUANTUM**
7 **RESEARCH RESOURCES.**

8 (a) IN GENERAL.—Title III of the National Quantum
9 Initiative Act (15 U.S.C. 8841 et seq.) is amended—

10 (1) in subsection (b)(1) of section 301—

1 (A) subparagraph (A), by striking “and”
2 after the semicolon;

3 (B) in subparagraph (B), by striking the
4 period and inserting “; and”; and

5 (C) by adding at the end the following new
6 subparagraph:

7 “(C) enhance research facilities and access
8 to research resources to accelerate quantum in-
9 formation science, technology, and engineering
10 research.”; and

11 (2) by adding at the end the following new sec-
12 tion:

13 **“SEC. 303. UPGRADING AND IMPROVING ACCESS TO QUAN-**
14 **TUM RESEARCH RESOURCES.**

15 “(a) IN GENERAL.—In carrying out the activities de-
16 scribed in sections 301 and 302, the Director of the Na-
17 tional Science Foundation, in consultation with the heads
18 of other Federal departments and agencies, as appro-
19 priate, shall award grants to institutions of higher edu-
20 cation or eligible nonprofit organizations (or consortia
21 thereof) to upgrade research facilities and improve access
22 to research resources, such as equipment and instrumen-
23 tation, that is needed for research and development in
24 quantum information science, technology, and engineer-
25 ing.

1 “(b) PURPOSE.—Grants under subsection (a) shall be
2 used to facilitate quantum information science, tech-
3 nology, and engineering research and development, includ-
4 ing by carrying out the following:

5 “(1) Upgrading or adding research resources to
6 accelerate the development of quantum technologies,
7 including capabilities focused on addressing the
8 roadblocks to implementation, and meeting the ma-
9 terials, advanced materials development, and device
10 needs of the scientific community and the quantum
11 supply chain.

12 “(2) Enhancing access to equipment and in-
13 strumentation, including at partnering institutions,
14 by facilitating information sharing, coordination,
15 scheduling, education, and training, including activi-
16 ties that provide meaningful hands-on learning expe-
17 riences for students, including at community and
18 technical colleges.

19 “(3) Enabling professional staff to support the
20 operation and improvement of research resources
21 used for quantum information science, technology,
22 and engineering research and training.

23 “(c) REQUIREMENTS.—An institution of higher edu-
24 cation or an eligible nonprofit organization (or a consor-
25 tium thereof) and industry partners seeking funding under

1 this section shall submit an application to the Director of
2 the National Science Foundation at such time, in such
3 manner, and containing such information as the Director
4 may require.”.

5 (b) CLERICAL AMENDMENT.—The table of contents
6 in section 1(b) of the National Quantum Initiative Act is
7 amended by inserting after the item relating to section
8 302 the following new item:

“Sec. 303. Upgrading and improving access to quantum research resources.”.

