

which enacted this chapter and enacted, amended, and repealed numerous other sections and notes in the Code. For complete classification of div. B to the Code, see Short Title note set out under section 18901 of this title and Tables.

Division A, referred to in subsec. (a)(1)(A), (2), is div. A of Pub. L. 117-167, Aug. 9, 2022, 136 Stat. 1372, known as the CHIPS Act of 2022. For complete classification of div. A to the Code, see Short Title of 2022 Amendment note set out under section 4651 of Title 15, Commerce and Trade, and Tables.

Section 9(b)(3) of the Uyghur Human Rights Policy Act of 2020, referred to in subsec. (a)(3)(D), is section 9(b)(3) of Pub. L. 116-145, June 17, 2020, 134 Stat. 656, which is not classified to the Code.

SUBCHAPTER II—NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY FOR THE FUTURE

§ 18921. Definitions

In this subchapter:

(1) Director

The term “Director” means the Director of the National Institute of Standards and Technology.

(2) Enrollment of needy students

The term “enrollment of needy students” has the meaning given the term in section 1058(d) of title 20.

(3) Framework

The term “Framework” means the Framework for Improving Critical Infrastructure Cybersecurity developed by the National Institute of Standards and Technology and referred to in Executive Order No. 13800 issued on May 11, 2017 (82 Fed. Reg. 22391 et seq.).

(4) Institute

The term “Institute” means the National Institute of Standards and Technology.

(5) International standards organization

The term “international standards organization” has the meaning given such term in section 2571 of title 19.

(6) Secretary

The term “Secretary” means the Secretary of Commerce.

(Pub. L. 117-167, div. B, title II, §10201, Aug. 9, 2022, 136 Stat. 1471.)

Editorial Notes

REFERENCES IN TEXT

Executive Order No. 13800, referred to in par. (3), is set out as a note preceding section 1500 of Title 6, Domestic Security.

PART A—MEASUREMENT RESEARCH

§ 18931. Engineering biology and biometry

(a) In general

The Director, in coordination with the National Engineering Biology Research and Development Initiative established pursuant to subchapter IV, shall—

(1) support basic measurement science and technology research for engineering biology, biomanufacturing, and biometry to advance—

(A) measurement technologies to support foundational understanding of the mechanisms of conversion of DNA information into cellular function;

(B) technologies for measurement of such biomolecular components and related systems;

(C) new data tools, techniques, and processes to improve engineering biology, biomanufacturing, and biometry research; and

(D) other areas of measurement science and technology research determined by the Director to be critical to the development and deployment of engineering biology, biomanufacturing and biometry;

(2) support activities to inform and expand the development of measurements infrastructure needed to develop technical standards to establish interoperability and facilitate commercial development of biomolecular measurement technology and engineering biology applications;

(3) convene industry, institutions of higher education, nonprofit organizations, Federal laboratories, and other Federal agencies engaged in engineering biology research and development to develop coordinated technical roadmaps for authoritative measurement of the molecular components of the cell;

(4) provide access to user facilities with advanced or unique equipment, services, materials, and other resources to industry, institutions of higher education, nonprofit organizations, and government agencies to perform research and testing;

(5) establish or expand collaborative partnerships or consortia with other Federal agencies engaged in engineering biology research and development, institutions of higher education, Federal laboratories, and industry to advance engineering biology applications; and

(6) support graduate and postgraduate research and training in biometry, biomanufacturing, and engineering biology.

(b) Rule of construction

Nothing in this section may be construed to alter the policies, processes, or practices of individual Federal agencies in effect on the day before August 9, 2022, relating to the conduct or support of biomedical research and advanced development, including the solicitation and review of extramural research proposals.

(c) Controls

In carrying out activities authorized by this section, the Secretary shall ensure proper security controls are in place to protect sensitive information, as appropriate.

(Pub. L. 117-167, div. B, title II, §10221, Aug. 9, 2022, 136 Stat. 1474.)

§ 18932. Greenhouse gas measurement research

(a) In general

The Director, in consultation with the Administrator of the National Oceanic and Atmospheric Administration, the Administrator of the Environmental Protection Agency, the National Aeronautics and Space Administration, the Di-