

(1) be available only for pre-competitive activities; and

(2) not be used to promote the sale of a specific product, process, or technology, or to disparage a specific product, process, or technology.

(Pub. L. 116-283, div. A, title II, §263, Jan. 1, 2021, 134 Stat. 3500.)

§ 9304. Partnerships in sustainable chemistry

(a) In general

The agencies participating in the Entity may facilitate and support, through financial, technical, or other assistance, the creation of partnerships between institutions of higher education, nongovernmental organizations, consortia, or companies across the value chain in the chemical industry, including small- and medium-sized enterprises, to—

(1) create collaborative sustainable chemistry research, development, demonstration, technology transfer, and commercialization programs; and

(2) train students and retrain professional scientists, engineers, and others involved in materials specification on the use of sustainable chemistry concepts and strategies by methods, including—

(A) developing or recognizing curricular materials and courses for undergraduate and graduate levels and for the professional development of scientists, engineers, and others involved in materials specification; and

(B) publicizing the availability of professional development courses in sustainable chemistry and recruiting professionals to pursue such courses.

(b) Private sector participation

To be eligible for support under this section, a partnership in sustainable chemistry shall include at least one private sector organization.

(c) Selection of partnerships

In selecting partnerships for support under this section, the agencies participating in the Entity shall also consider the extent to which the applicants are willing and able to demonstrate evidence of support for, and commitment to, the goals outlined in the strategic plan and report described in section 9302 of this title.

(d) Prohibited use of funds

Financial support provided under this section may not be used—

(1) to support or expand a regulatory chemical management program at an implementing agency under a State law;

(2) to construct or renovate a building or structure; or

(3) to promote the sale of a specific product, process, or technology, or to disparage a specific product, process, or technology.

(Pub. L. 116-283, div. A, title II, §264, Jan. 1, 2021, 134 Stat. 3501.)

§ 9305. Prioritization

In carrying out this chapter, the Entity shall focus its support for sustainable chemistry activities on those that achieve, to the highest extent practicable, the goals outlined in the chapter.

tent practicable, the goals outlined in the chapter.

(Pub. L. 116-283, div. A, title II, §265, Jan. 1, 2021, 134 Stat. 3502.)

REFERENCES IN TEXT

This chapter, referred to in text, was in the original “this subtitle”, meaning subtitle E (§§261-267) of title II of Pub. L. 116-283, div. A, Jan. 1, 2021, 134 Stat. 3497, which is classified principally to this chapter. For complete classification of subtitle E to the Code, see Tables.

§ 9306. Rule of construction

Nothing in this chapter shall be construed to alter or amend any State law or action with regard to sustainable chemistry, as defined by the State.

(Pub. L. 116-283, div. A, title II, §266, Jan. 1, 2021, 134 Stat. 3502.)

REFERENCES IN TEXT

This chapter, referred to in text, was in the original “this subtitle”, meaning subtitle E (§§261-267) of title II of Pub. L. 116-283, div. A, Jan. 1, 2021, 134 Stat. 3497, which is classified principally to this chapter. For complete classification of subtitle E to the Code, see Tables.

CHAPTER 119—NATIONAL ARTIFICIAL INTELLIGENCE INITIATIVE

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9462. Veterans' health initiative.

§ 9401. Definitions

In this chapter:

(1) Advisory Committee

The term “Advisory Committee” means the National Artificial Intelligence Advisory Committee established under section 9414(a) of this title.

(2) Agency head

The term “agency head” means the head of any Executive agency (as defined in section 105 of title 5).

(3) Artificial intelligence

The term “artificial intelligence” means a machine-based system that can, for a given set of human-defined objectives, make predictions, recommendations or decisions influencing real or virtual environments. Artificial intelligence systems use machine and human-based inputs to—

- (A) perceive real and virtual environments;
- (B) abstract such perceptions into models through analysis in an automated manner; and
- (C) use model inference to formulate options for information or action.

(4) Community college

The term “community college” means a public institution of higher education at which the highest degree that is predominantly awarded to students is an associate’s degree, including 2-year Tribal Colleges or Universities under section 1059c of title 20 and public 2-year State institutions of higher education.

(5) Initiative

The term “Initiative” means the National Artificial Intelligence Initiative established under section 9411(a) of this title.

(6) Initiative Office

The term “Initiative Office” means the National Artificial Intelligence Initiative Office established under section 9412(a) of this title.

(7) Institute

The term “Institute” means an Artificial Intelligence Research Institute described in section 9431(b)(2) of this title.

(8) Institution of higher education

The term “institution of higher education” has the meaning given the term in section 1001 and section 1002(c) of title 20.

(9) Interagency Committee

The term “Interagency Committee” means the interagency committee established under section 9413(a) of this title.

(10) K-12 education

The term “K-12 education” means elementary school and secondary school education provided by local educational agencies, as such agencies are defined in section 7801 of title 20.

(11) Machine learning

The term “machine learning” means an application of artificial intelligence that is characterized by providing systems the ability to automatically learn and improve on the basis of data or experience, without being explicitly programmed.

(Pub. L. 116–283, div. E, § 5002, Jan. 1, 2021, 134 Stat. 4523.)

REFERENCES IN TEXT

This chapter, referred to in text, was in the original “this division”, meaning div. E of Pub. L. 116–283, Jan.

1, 2021, 134 Stat. 4523, which is classified principally to this chapter. For complete classification of div. E to the Code, see Short Title note set out below and Tables.

SHORT TITLE

Pub. L. 116–283, div. E, § 5001, Jan. 1, 2021, 134 Stat. 4523, provided that: “This division [enacting this chapter and section 278h–1 of this title and amending sections 1862i and 1862n–1 of Title 42, The Public Health and Welfare] may be cited as the ‘National Artificial Intelligence Initiative Act of 2020’.”

SUBCHAPTER I—NATIONAL ARTIFICIAL INTELLIGENCE INITIATIVE

§ 9411. National Artificial Intelligence Initiative**(a) Establishment; purposes**

The President shall establish and implement an initiative to be known as the “National Artificial Intelligence Initiative”. The purposes of the Initiative shall be to—

- (1) ensure continued United States leadership in artificial intelligence research and development;
- (2) lead the world in the development and use of trustworthy artificial intelligence systems in the public and private sectors;
- (3) prepare the present and future United States workforce for the integration of artificial intelligence systems across all sectors of the economy and society; and
- (4) coordinate ongoing artificial intelligence research, development, and demonstration activities among the civilian agencies, the Department of Defense and the Intelligence Community to ensure that each informs the work of the others.

(b) Initiative activities

In carrying out the Initiative, the President, acting through the Initiative Office, the Interagency Committee, and agency heads as the President considers appropriate, shall carry out activities that include the following:

- (1) Sustained and consistent support for artificial intelligence research and development through grants, cooperative agreements, testbeds, and access to data and computing resources.
- (2) Support for K-12 education and postsecondary educational programs, including workforce training and career and technical education programs, and informal education programs to prepare the American workforce and the general public to be able to create, use, and interact with artificial intelligence systems.
- (3) Support for interdisciplinary research, education, and workforce training programs for students and researchers that promote learning in the methods and systems used in artificial intelligence and foster interdisciplinary perspectives and collaborations among subject matter experts in relevant fields, including computer science, mathematics, statistics, engineering, social sciences, health, psychology, behavioral science, ethics, security, legal scholarship, and other disciplines that will be necessary to advance artificial intelligence research and development responsibly.
- (4) Interagency planning and coordination of Federal artificial intelligence research, devel-