

ing into account ethical considerations and addressing whether such use should be subject to additional oversight, controls, and limitations.

(B) Security of data, including law enforcement's access to data and the security parameters for that data.

(C) Adoptability, including methods to allow the United States Government and industry to take advantage of artificial intelligence systems for security or law enforcement purposes while at the same time ensuring the potential abuse of such technologies is sufficiently mitigated.

(D) Legal standards, including those designed to ensure the use of artificial intelligence systems are consistent with the privacy rights, civil rights and civil liberties, and disability rights issues raised by the use of these technologies.

(f) Reports

Not later than 1 year after January 1, 2021, and not less frequently than once every 3 years thereafter, the Advisory Committee shall submit to the President, the Committee on Science, Space, and Technology, the Committee on Energy and Commerce, the House Permanent Select Committee on Intelligence, the Committee on the Judiciary, and the Committee on Armed Services of the House of Representatives, and the Committee on Commerce, Science, and Transportation, the Senate Select Committee on Intelligence, the Committee on Homeland Security and Governmental Affairs, the Committee on the Judiciary, and the Committee on Armed Services of the Senate, a report on the Advisory Committee's findings and recommendations under subsection (d) and subsection (e).

(g) Travel expenses of non-Federal members

Non-Federal members of the Advisory Committee, while attending meetings of the Advisory Committee or while otherwise serving at the request of the head of the Advisory Committee away from their homes or regular places of business, may be allowed travel expenses, including per diem in lieu of subsistence, as authorized by section 5703 of title 5 for individuals in the Government serving without pay. Nothing in this subsection shall be construed to prohibit members of the Advisory Committee who are officers or employees of the United States from being allowed travel expenses, including per diem in lieu of subsistence, in accordance with existing law.

(h) FACA exemption

The Secretary of Commerce shall charter the Advisory Committee in accordance with the Federal Advisory Committee Act (5 U.S.C. App.),¹ except that the Advisory Committee shall be exempt from section 14 of such Act.

(Pub. L. 116–283, div. E, title LI, § 5104, Jan. 1, 2021, 134 Stat. 4528.)

Editorial Notes

REFERENCES IN TEXT

25 U.S.C. 5304, referred to in subsec. (d)(4), was so in the original, but probably should have been a reference

to section 4 of the Indian Self-Determination and Education Assistance Act, Pub. L. 93–638, which is classified to section 5304 of Title 25, Indians.

The Federal Advisory Committee Act, referred to in subsec. (h), is Pub. L. 92–463, Oct. 6, 1972, 86 Stat. 770, which was set out in the Appendix to Title 5, Government Organization and Employees, and was substantially repealed and restated in chapter 10 (§ 1001 et seq.) of Title 5 by Pub. L. 117–286, §§ 3(a), 7, Dec. 27, 2022, 136 Stat. 4197, 4361. Section 14 of the Act was repealed and restated as section 1013 of Title 5. For disposition of sections of the Act into chapter 10 of Title 5, see Disposition Table preceding section 101 of Title 5.

§ 9415. National AI Research Resource Task Force

(a) Establishment of Task Force

(1) Establishment

(A) In general

The Director of the National Science Foundation, in coordination with the Office of Science and Technology Policy, shall establish a task force—

(i) to investigate the feasibility and advisability of establishing and sustaining a National Artificial Intelligence Research Resource; and

(ii) to propose a roadmap detailing how such resource should be established and sustained.

(B) Designation

The task force established by subparagraph (A) shall be known as the “National Artificial Intelligence Research Resource Task Force” (in this section referred to as the “Task Force”).

(2) Membership

(A) Composition

The Task Force shall be composed of 12 members selected by the co-chairpersons of the Task Force from among technical experts in artificial intelligence or related subjects, of whom—

(i) 4 shall be representatives from the Interagency Committee established in section 9413 of this title, including the co-chairpersons of the Task Force;

(ii) 4 shall be representatives from institutions of higher education; and

(iii) 4 shall be representatives from private organizations.

(B) Appointment

Not later than 120 days after enactment of this Act, the co-chairpersons of the Task Force shall appoint members to the Task Force pursuant to subparagraph (A).

(C) Term of appointment

Members of the Task Force shall be appointed for the life of the Task Force.

(D) Vacancy

Any vacancy occurring in the membership of the Task Force shall be filled in the same manner in which the original appointment was made.

(E) Co-chairpersons

The Director of the Office of Science and Technology Policy and the Director of the

National Sciences Foundation,¹ or their designees, shall be the co-chairpersons of the Task Force. If the role of the Director of the National Science Foundation is vacant, the Chair of the National Science Board shall act as a co-chairperson of the Task Force.

(F) Expenses for non-Federal Members

(i) Except as provided in clause (ii), non-Federal Members of the Task Force shall not receive compensation for their participation on the Task Force.

(ii) Non-Federal Members of the Task Force shall be allowed travel expenses, including per diem in lieu of subsistence, at rates authorized for employees under subchapter I of chapter 57 of title 5, while away from their homes or regular places of business in the performance of services for the Task Force.

(b) Roadmap and implementation plan

(1) In general

The Task Force shall develop a coordinated roadmap and implementation plan for creating and sustaining a National Artificial Intelligence Research Resource.

(2) Contents

The roadmap and plan required by paragraph (1) shall include the following:

(A) Goals for establishment and sustainment of a National Artificial Intelligence Research Resource and metrics for success.

(B) A plan for ownership and administration of the National Artificial Intelligence Research Resource, including—

(i) an appropriate agency or organization responsible for the implementation, deployment, and administration of the Resource; and

(ii) a governance structure for the Resource, including oversight and decision-making authorities.

(C) A model for governance and oversight to establish strategic direction, make programmatic decisions, and manage the allocation of resources;²

(D) Capabilities required to create and maintain a shared computing infrastructure to facilitate access to computing resources for researchers across the country, including scalability, secured access control, resident data engineering and curation expertise, provision of curated data sets, compute resources, educational tools and services, and a user interface portal.

(E) An assessment of, and recommended solutions to, barriers to the dissemination and use of high-quality government data sets as part of the National Artificial Intelligence Research Resource.

(F) An assessment of security requirements associated with the National Artificial Intelligence Research Resource and its research and a recommendation for a framework for the management of access controls.

(G) An assessment of privacy and civil rights and civil liberties requirements associated with the National Artificial Intelligence Research Resource and its research.

(H) A plan for sustaining the Resource, including through Federal funding and partnerships with the private sector.

(I) Parameters for the establishment and sustainment of the National Artificial Intelligence Research Resource, including agency roles and responsibilities and milestones to implement the Resource.

(c) Consultations

In conducting its duties required under subsection (b), the Task Force shall consult with the following:

(1) The National Science Foundation.

(2) The Office of Science and Technology Policy.

(3) The National Academies of Sciences, Engineering, and Medicine.

(4) The National Institute of Standards and Technology.

(5) The Director of National Intelligence.

(6) The Department of Energy.

(7) The Department of Defense.

(8) The General Services Administration.

(9) The Department of Justice.

(10) The Department of Homeland Security.

(11) The Department of Health and Human Services.

(12) Private industry.

(13) Institutions of higher education.

(14) Civil and disabilities rights organizations.

(15) Such other persons as the Task Force considers appropriate.

(d) Staff

Staff of the Task Force shall comprise detailees with expertise in artificial intelligence, or related fields from the Office of Science and Technology Policy, the National Science Foundation, or any other agency the co-chairs deem appropriate, with the consent of the head of the agency.

(e) Task Force reports

(1) Initial report

Not later than 12 months after the date on which all of the appointments have been made under subsection (a)(2)(B), the Task Force shall submit to Congress and the President an interim report containing the findings, conclusions, and recommendations of the Task Force. The report shall include specific recommendations regarding steps the Task Force believes necessary for the establishment and sustainment of a National Artificial Intelligence Research Resource.

(2) Final report

Not later than 6 months after the submittal of the interim report under paragraph (1), the Task Force shall submit to Congress and the President a final report containing the findings, conclusions, and recommendations of the Task Force, including the specific recommendations required by subsection (b).

¹ So in original. Probably should be "National Science Foundation,".

² So in original. The semicolon probably should be a period.

(f) Termination**(1) In general**

The Task Force shall terminate 90 days after the date on which it submits the final report under subsection (e)(2).

(2) Records

Upon termination of the Task Force, all of its records shall become the records of the National Archives and Records Administration.

(g) Definitions

In this section:

(1) National Artificial Intelligence Research Resource and Resource

The terms “National Artificial Intelligence Research Resource” and “Resource” mean a system that provides researchers and students across scientific fields and disciplines with access to compute resources, co-located with publicly-available, artificial intelligence-ready government and non-government data sets and a research environment with appropriate educational tools and user support.

(2) Ownership

The term “ownership” means responsibility and accountability for the implementation, deployment, and ongoing development of the National Artificial Intelligence Research Resource, and for providing staff support to that effort.

(Pub. L. 116–283, div. E, title LI, § 5106, Jan. 1, 2021, 134 Stat. 4531.)

Editorial Notes**REFERENCES IN TEXT**

Enactment of this Act, referred to in subsec. (a)(2)(B), means the enactment of Pub. L. 116–283, which was approved Jan. 1, 2021.

SUBCHAPTER II—NATIONAL ARTIFICIAL INTELLIGENCE RESEARCH INSTITUTES**§ 9431. National Artificial Intelligence Research Institutes****(a) In general**

Subject to the availability of funds appropriated for this purpose, the Director of the National Science Foundation shall establish a program to award financial assistance for the planning, establishment, and support of a network of Institutes (as described in subsection (b)(2)) in accordance with this section.

(b) Financial assistance to establish and support National Artificial Intelligence Research Institutes**(1) In general**

Subject to the availability of funds appropriated for this purpose, the Secretary of Energy, the Secretary of Commerce, the Director of the National Science Foundation, and every other agency head may award financial assistance to an eligible entity, or consortia thereof, as determined by an agency head, to establish and support an Institute.

(2) Artificial intelligence institutes

An Institute described in this subsection is an artificial intelligence research institute that—

(A) is focused on—

(i) a particular economic or social sector, including health, education, manufacturing, agriculture, security, energy, and environment, and includes a component that addresses the ethical, societal, safety, and security implications relevant to the application of artificial intelligence in that sector; or

(ii) a cross-cutting challenge for artificial intelligence systems, including trustworthiness, or foundational science;

(B) requires partnership among public and private organizations, including, as appropriate, Federal agencies, institutions of higher education, including community colleges, nonprofit research organizations, Federal laboratories, State, local, and Tribal governments, industry, including startup companies, and civil society organizations, including civil rights and disability rights organizations (or consortia thereof);

(C) has the potential to create an innovation ecosystem, or enhance existing ecosystems, to translate Institute research into applications and products, as appropriate to the topic of each Institute;

(D) supports interdisciplinary research and development across multiple institutions of higher education and organizations;

(E) supports interdisciplinary education activities, including curriculum development, research experiences, and faculty professional development across undergraduate, graduate, and professional academic programs; and

(F) supports workforce development in artificial intelligence related disciplines in the United States, including increasing participation of historically underrepresented communities.

(3) Use of funds

Financial assistance awarded under paragraph (1) may be used by an Institute for—

(A) managing and making available to researchers accessible, curated, standardized, secure, and privacy protected data sets from the public and private sectors for the purposes of training and testing artificial intelligence systems and for research using artificial intelligence systems, pursuant to subsections (c), (e), and (f) of section 278h–1 of this title (as added by section 5301 of this division);

(B) developing and managing testbeds for artificial intelligence systems, including sector-specific test beds, designed to enable users to evaluate artificial intelligence systems prior to deployment;

(C) conducting research and education activities involving artificial intelligence systems to solve challenges with social, economic, health, scientific, and national security implications;

(D) providing or brokering access to computing resources, networking, and data facilities for artificial intelligence research and development relevant to the Institute's research goals;

(E) providing technical assistance to users, including software engineering support, for