

**AMENDMENT IN THE NATURE OF A SUBSTITUTE
TO H.R. 5077
OFFERED BY MS. LOFGREN OF CALIFORNIA**

Strike all after the enacting clause and insert the following:

1 SECTION 1. SHORT TITLE.

2 This Act may be cited as the “Creating Resources
3 for Every American To Experiment with Artificial Intel-
4 ligence Act of 2024” or the “CREATE AI Act of 2024”.

5 SEC. 2. DEFINITIONS.

6 Section 5002 of the National Artificial Intelligence
7 Initiative Act of 2020 (15 U.S.C. 9401; enacted as part
8 of division E of the William M. (Mac) Thornberry Na-
9 tional Defense Authorization Act for Fiscal Year 2021
10 (Public Law 116–283)) is amended—

11 (1) by redesignating paragraphs (4), (5), (6),
12 (7), (8), (9), (10), and (11) as paragraphs (5), (10),
13 (11), (12), (13), (14), (15), and (16), respectively;

14 (2) by inserting after paragraph (3) the fol-
15 lowing new paragraph:

16 “(4) ARTIFICIAL INTELLIGENCE SYSTEM.—The
17 term ‘artificial intelligence system’ has the meaning
18 given such term in section 7223 of the Advancing

1 American AI Act (40 U.S.C. 11301 note; Public
2 Law 117–263).”;

3 (3) by inserting after paragraph (5), as so re-
4 designated, the following new paragraphs:

5 “(6) EXECUTIVE AGENCY.—The term ‘Execu-
6 tive agency’ has the meaning given such term in sec-
7 tion 105 of title 5, United States Code.

8 “(7) FEDERAL LABORATORY.—The term ‘Fed-
9 eral laboratory’ has the meaning given such term in
10 section 4 of the Stevenson-Wydler Technology Inno-
11 vation Act of 1980 (15 U.S.C. 3703).

12 “(8) FOREIGN COUNTRY OF CONCERN.—The
13 term ‘foreign country of concern’ has the meaning
14 given such term in section 9901 of the William M.
15 (Mae) Thornberry National Defense Authorization
16 Act for Fiscal Year 2021 (15 U.S.C. 4651).

17 “(9) FOREIGN ENTITY OF CONCERN.—The
18 term ‘foreign entity of concern’ has the meaning
19 given such term in section 9901 of the William M.
20 (Mae) Thornberry National Defense Authorization
21 Act for Fiscal Year 2021 (15 U.S.C. 4651).”;

22 (4) by adding at the end the following new
23 paragraphs:

1 “(17) NAIRR ADVISORY BOARD.—The term
2 ‘NAIRR Advisory Board’ means the Advisory Board
3 established under section 5602(c).

4 “(18) NAIRR STEERING SUBCOMMITTEE.—The
5 term ‘NAIRR Steering Subcommittee’ means the
6 NAIRR Steering Subcommittee established under
7 section 5103(e).

8 “(19) NATIONAL ARTIFICIAL INTELLIGENCE
9 RESEARCH RESOURCE; NAIRR.—The terms ‘National
10 Artificial Intelligence Research Resource’ and
11 ‘NAIRR’ have the meaning given the term ‘National
12 Artificial Intelligence Research Resource’ in section
13 5106(g).

14 “(20) OPERATING ENTITY.—The term ‘Oper-
15 ating Entity’ means the Operating Entity selected
16 by the National Science Foundation as described in
17 section 5601(b).

18 “(21) RESOURCE OF THE NAIRR.—The term
19 ‘resource of the NAIRR’ means a resource described
20 in section 5602(b).

21 “(22) STEM.—The term ‘STEM’ means the
22 academic and professional disciplines of science,
23 technology, engineering, and mathematics, including
24 computer science.”.

1 **SEC. 3. NAIRR STEERING SUBCOMMITTEE.**

2 (a) IN GENERAL.—Section 5103 of the National Ar-
3 tificial Intelligence Initiative Act of 2020 (15 U.S.C. 9413;
4 enacted as part of title LI of division E of the William
5 M. (Mac) Thornberry National Defense Authorization Act
6 for Fiscal Year 2021 (Public Law 116–283)) is amend-
7 ed—

8 (1) in paragraph (3) of subsection (d), by in-
9 serting “, including the contributions to the NAIRR
10 of each agency on the NAIRR Steering Sub-
11 committee” before the semicolon;

12 (2) by redesignating subsection (e) as sub-
13 section (f); and

14 (3) by inserting after subsection (d) the fol-
15 lowing new subsection:

16 “(e) NAIRR STEERING SUBCOMMITTEE.—

17 “(1) ESTABLISHMENT.—There is established
18 within the Interagency Committee a Steering Sub-
19 committee for the National Artificial Intelligence Re-
20 search Resource (referred to in this section as the
21 ‘NAIRR Steering Subcommittee’).

22 “(2) CO-CHAIRS.—The NAIRR Steering Sub-
23 committee shall be co-chaired by the Director of the
24 Office of Science and Technology Policy, the Direc-
25 tor of the National Science Foundation, and, on an
26 annual rotating basis, a representative from among

1 the members of the NAIRR Steering Subcommittee
2 as described in paragraph (3).

3 “(3) MEMBERSHIP.—The Director of the Office
4 of Science and Technology Policy shall select mem-
5 bers of the Interagency Committee to serve on the
6 NAIRR Steering Subcommittee who the Director de-
7 termines satisfy any of the following:

8 “(A) Have substantial relevant expertise.

9 “(B) Have substantially funded or con-
10 ducted artificial intelligence research and devel-
11 opment.

12 “(C) Have committed to providing re-
13 sources to the NAIRR.

14 “(D) Have a demonstrated significant rela-
15 tionship with the NAIRR.

16 “(5) SUBCOMMITTEES AND WORKING
17 GROUPS.—The NAIRR Steering Subcommittee may
18 establish subcommittees, working groups, or other
19 permanent or temporary bodies of certain members
20 of the NAIRR Steering Subcommittee.

21 “(6) DUTIES.—The NAIRR Steering Sub-
22 committee shall carry out the following:

23 “(A) Coordinate with the National Science
24 Foundation to carry out the following:

1 “(i) Review and make recommenda-
2 tions on the operating plan for the
3 NAIRR.

4 “(ii) Review the budget for the
5 NAIRR, including budget allocations from
6 each participating agency.

7 “(iii) Make recommendations to the
8 National Science Foundation regarding
9 nongovernmental organization candidates
10 and related criteria to be designated as the
11 Operating Entity under section 5601(b).

12 “(B) As appropriate, coordinate with each
13 respective agency participating in the NAIRR
14 in developing and releasing funding opportuni-
15 ties for resources of the NAIRR.

16 “(C) Identify resources that could be fed-
17 erated, participate in resource provider selection
18 and funding, and provide direction to the Oper-
19 ating Entity about resource allocation and how
20 such resources should be made accessible
21 through the NAIRR.

22 “(D) Define key performance indicators
23 for the NAIRR and the Operating Entity, in
24 conjunction with the National Science Founda-

1 tion and any relevant Advisory Boards estab-
2 lished under section 5602(c).

3 “(E) Ensure coordination, and avoid un-
4 necessary duplication of, the activities carried
5 out through the Networking and Information
6 Technology Research and Development Pro-
7 gram as authorized in section 101 of the High-
8 Performance Computing Act of 1991 (15
9 U.S.C. 5511).

10 “(F) Evaluate on a periodic basis the per-
11 formance of the NAIRR and the Operating En-
12 tity against the key performance indicators de-
13 fined pursuant to subparagraph (D).

14 “(G) Develop an annual report, trans-
15 mitted to the Director of the Office of Science
16 and Technology Policy and publicly released, on
17 the progress of the NAIRR that includes the
18 following:

19 “(i) A summary of the results of eval-
20 uations conducted under subparagraph
21 (F).

22 “(ii) A summary of contributions pro-
23 vided from each participating agency and,
24 as appropriate, industry partner, for the
25 NAIRR.

1 “(iii) A summary of the awards made
2 for the use of the NAIRR.

3 “(iv) Any recommendations for
4 changes to the NAIRR.

5 “(H) Oversee a periodic independent as-
6 sessment of the NAIRR and the Operating En-
7 tity.

8 “(7) PROVISION OF RESOURCES OF THE
9 NAIRR.—Each agency comprising the NAIRR Steer-
10 ing Subcommittee is authorized to provide the Oper-
11 ating Entity with resources of the NAIRR or fund-
12 ing for resources of the NAIRR.”.

13 **SEC. 4. NATIONAL ARTIFICIAL INTELLIGENCE RESEARCH**
14 **RESOURCE.**

15 (a) IN GENERAL.—The National Artificial Intel-
16 ligence Initiative Act of 2020 (15 U.S.C. 9401 et seq.;
17 enacted as division E of the William M. (Mac) Thornberry
18 National Defense Authorization Act for Fiscal Year 2021
19 (Public Law 116–283)) is amended by adding at the end
20 the following new title:

21 **“TITLE LVI—NATIONAL ARTIFI-**
22 **CIAL INTELLIGENCE RE-**
23 **SEARCH RESOURCE**

“Sec. 5601 Establishment of the NAIRR.

“Sec. 5602. Resources of the NAIRR.

“Sec. 5603. Policies and governance of the NAIRR.

1 **“SEC. 5601 ESTABLISHMENT OF THE NAIRR.**

2 “(a) ESTABLISHMENT.—If the Director of the Na-
3 tional Science Foundation determines the NAIRR pilot
4 program, as directed in the Executive Order 14110 on the
5 Safe, Secure and Trustworthy Development and Use of
6 Artificial Intelligence (October 30, 2023), is successful
7 and, subject to the availability of appropriations, the Di-
8 rector, in coordination with the NAIRR Steering Sub-
9 committee, shall establish the National Artificial Intel-
10 ligence Research Resource to carry out the following:

11 “(1) Spur innovation and strengthen the United
12 States artificial intelligence research and develop-
13 ment ecosystem.

14 “(2) Promote the development and deployment
15 of robust, resilient and safe artificial intelligence sys-
16 tems.

17 “(2) Improve access to artificial intelligence re-
18 sources for researchers, educators, and students, in-
19 cluding groups historically underrepresented in
20 STEM.

21 “(3) Expand capacity for artificial intelligence
22 research in the United States.

23 “(4) Support the testing, benchmarking, and
24 evaluation of artificial intelligence systems developed
25 and deployed in the United States.

1 “(b) DUTIES.—The Director of the National Science
2 Foundation shall oversee the day-to-day functions of the
3 NAIRR. In overseeing the NAIRR, the Director shall
4 carry out the following:

5 “(1) In coordination with the NAIRR Steering
6 Subcommittee, make an award, on a competitive and
7 merit-review basis, to a nongovernmental organiza-
8 tion, to be designated as the Operating Entity,
9 which will be responsible for operation of the
10 NAIRR.

11 “(2) Oversee compliance with the contractual
12 obligations of the Operating Entity.

13 “(3) Oversee and work with the Operating En-
14 tity and the NAIRR Steering Subcommittee to co-
15 ordinate asset allocation and utilization, including
16 resource contributions from participating Federal
17 agencies and through partnerships with non-Federal
18 entities.

19 “(4) Coordinate with the NAIRR Steering
20 Committee and any relevant NAIRR Advisory Board
21 to implement the NAIRR.

22 “(c) OPERATING ENTITY REQUIREMENTS.—In car-
23 rying out this section, the Operating Entity shall be re-
24 sponsible for the following:

1 “(1) Coordinating the provisioning of resources
2 of the NAIRR.

3 “(2) Maintaining a portal and associated serv-
4 ices for users to access resources of the NAIRR.

5 “(3) Developing policies and procedures for the
6 NAIRR.

7 “(4) Hiring and managing a staff (including ex-
8 perts in cyber infrastructure management, data
9 science, research design, privacy, ethics, civil rights
10 and civil liberties, and legal and policy matters) to
11 support the operations of the NAIRR.

12 “(5) Continually modernizing NAIRR infra-
13 structure.

14 “(6) Publishing publicly available annual re-
15 ports reviewing the performance of the NAIRR, the
16 resources of the NAIRR, and the NAIRR govern-
17 ance structures.

18 “(7) Establishing and administering training to
19 new users on the following:

20 “(A) Accessing a resource of the NAIRR.

21 “(B) Research design.

22 “(C) Issues related to privacy, ethics, civil
23 rights and civil liberties, safety, and trust-
24 worthiness of artificial intelligence systems.

1 “(8) Making resources of the NAIRR available
2 to other Federal agencies, and to Congress, for the
3 purpose of educating Federal Government officials
4 and employees about artificial intelligence.

5 “(d) NAIRR ADVISORY BOARDS.—The Director of
6 the National Science Foundation may establish NAIRR
7 Advisory Boards to provide advice to the Director, the
8 NAIRR Steering Committee, and the Operating Entity.
9 Any such NAIRR Advisory Boards shall be comprised of
10 members from government agencies, Federal laboratories,
11 the private sector, academia, and public interest groups
12 who are qualified to provide advice and information to fur-
13 ther the mission of the NAIRR. Chapter 10 of title 5,
14 United States Code, shall not apply to any such NAIRR
15 Advisory Board.

16 **“SEC. 5602. RESOURCES OF THE NAIRR.**

17 “(a) IN GENERAL.—The Director of the National
18 Science Foundation, in coordination with the NAIRR
19 Steering Subcommittee, shall carry out the following:

20 “(1) Federate, coordinate, and provision re-
21 sources of the NAIRR.

22 “(2) Establish processes to manage the pro-
23 curement from Federal agencies or other entities of
24 new resources of the NAIRR, and intake of in-kind
25 contribution of resources of the NAIRR.

1 “(3) Establish policies on and review resources
2 of the NAIRR for concerns related to ethics, privacy,
3 security, safety, civil rights, and civil liberties pursu-
4 ant to section 5603.

5 “(4) Retire or provide plans to phase out re-
6 sources of the NAIRR which are no longer available
7 or needed.

8 “(5) Publicly report a summary of categories of
9 available resources of the NAIRR, categories of
10 sources of such resources of the NAIRR, and issues
11 related to resources of the NAIRR.

12 “(b) RESOURCES.—The NAIRR shall offer resources
13 that include, at a minimum, all of the following, subject
14 to the availability of appropriations:

15 “(1) A mix of computational resources, includ-
16 ing the following:

17 “(A) On-premises, cloud-based, hybrid, and
18 emergent resources.

19 “(B) Public cloud providers that provide
20 access to popular computational and storage
21 services for NAIRR users.

22 “(C) An open source software environment
23 for the NAIRR.

1 “(D) An application programming inter-
2 face providing structured access to artificial in-
3 telligence models.

4 “(E) Other types of computational re-
5 sources, as determined appropriate by the Di-
6 rector of the National Science Foundation.

7 “(2) Data, including by carrying out the fol-
8 lowing:

9 “(A) In coordination with the National In-
10 stitute of Standards and Technology and con-
11 sistent with the guidance of the National
12 Science and Technology Council entitled ‘Desir-
13 able Characteristics of Data Repositories for
14 Federally Funded Data’, dated May 2022, or
15 any successor document, publishing interoper-
16 ability standards for data repositories based on
17 the data sharing and documentation standards
18 and guidelines specified in such guidance.

19 “(B) Establishing acceptable criteria for
20 datasets used as resources of the NAIRR.

21 “(C) Identifying and providing access to
22 existing curated datasets of value and interest
23 to the NAIRR user community.

24 “(D) Establishing an artificial intelligence
25 open data commons to facilitate community

1 sharing and curation of data, codes, and mod-
2 els.

3 “(E) Coordinating with the National Se-
4 cure Data Service to explore options to make
5 Federal statistical data available to NAIRR
6 users, including through the standard applica-
7 tion process established under section 3583(a)
8 of title 44, United States Code.

9 “(F) Other types of data resources, as de-
10 termined appropriate by the Director of the Na-
11 tional Science Foundation.

12 “(3) Educational tools and services, including
13 by carrying out the following:

14 “(A) Facilitating and curating educational
15 and training materials.

16 “(B) Providing technical training and user
17 support.

18 “(C) Development or hosting of intra- or
19 inter-institutional workshops on the application
20 of artificial intelligence systems to new emerg-
21 ing research topics in STEM.

22 “(D) Providing outreach and programming
23 for groups historically underrepresented in
24 STEM.

1 “(4) Artificial intelligence testbeds, including by
2 carrying out the following:

3 “(A) In coordination with the National In-
4 stitute of Standards and Technology, facili-
5 tating access to artificial intelligence testbeds
6 through which researchers can measure, bench-
7 mark, test, or evaluate engineering or algo-
8 rithmic developments, including testbeds estab-
9 lished pursuant to section 22A of the National
10 Institute of Standards and Technology Act (15
11 U.S.C. 278h–1) and section 10390 of the Re-
12 search and Development, Competition, and In-
13 novation Act (Public Law 117–167; 42 U.S.C.
14 19110).

15 “(B) Supporting a comprehensive catalog
16 of open artificial intelligence testbeds.

17 “(c) PARTNERSHIPS.—The Director of the National
18 Science Foundation, acting through the Director of the
19 Operating Entity, shall seek to partner with institutions
20 of higher education, nonprofit research organizations, in-
21 dustry, private sector organizations, and civil society orga-
22 nizations to facilitate access to resources from in-kind con-
23 tributions for eligible users.

24 **“SEC. 5603. POLICIES AND GOVERNANCE OF THE NAIRR.**

25 “(a) USER ELIGIBILITY.—

1 “(1) ELIGIBLE USERS.—Subject to paragraph
2 (3), the following users shall be eligible for access to
3 the NAIRR:

4 “(A) A researcher, educator, or student
5 based in the United States who is affiliated
6 with a qualified entity described in paragraph
7 (2).

8 “(B) An employee of a qualified entity de-
9 scribed in clause (iii) or (iv) of paragraph
10 (2)(B) with a demonstrable mission-need.

11 “(2) QUALIFIED ENTITY.—A ‘qualified entity’
12 described in this paragraph is an entity that satisfies
13 the following:

14 “(A) Is based in the United States, includ-
15 ing territories or possessions of the United
16 States.

17 “(B) Is one of the following:

18 “(i) An institution of higher edu-
19 cation.

20 “(ii) A nonprofit institution (as such
21 term is defined in section 4 of the Steven-
22 son-Wydler Technology Innovation Act of
23 1980 (15 U.S.C. 3703)).

24 “(iii) An Executive agency.

1 “(iv) A federally funded research and
2 development center.

3 “(v) A small business concern (as
4 such term is defined in section 3 of the
5 Small Business Act (15 U.S.C. 632), not-
6 withstanding section 121.103 of title 13,
7 Code of Federal Regulations) that has re-
8 ceived funding from an Executive agency,
9 including through the Small Business In-
10 novation Research Program or the Small
11 Business Technology Transfer Program
12 (as described in section 9 of the Small
13 Business Act (15 U.S.C. 638)).

14 “(vi) A category of entity that the Di-
15 rector of the National Science Foundation
16 and the Director of the Office of Science
17 and Technology Policy, after consultation
18 with the NAIRR Steering Subcommittee
19 and any relevant NAIRR Advisory Board,
20 determine shall be eligible.

21 “(vii) A consortium composed of enti-
22 ties described in clauses (i) through (vi).

23 “(3) EXCLUDED ENTITIES.—

24 “(A) IN GENERAL.—No individual is au-
25 thorized to be an eligible user under paragraph

1 (1) if such individual is employed by a foreign
2 country of concern or foreign entity of concern,
3 or is otherwise authorized by such country or
4 entity to act for or on its behalf.

5 “(B) GUIDANCE.—The Director of the Na-
6 tional Science Foundation shall issue guidance
7 relating to subparagraph (A).

8 “(b) OUTREACH.—

9 “(1) IN GENERAL.—In carrying out this sec-
10 tion, the Director of the National Science Founda-
11 tion, to facilitate use of resources of the NAIRR,
12 shall conduct outreach—

13 “(A) to students at—

14 “(i) K–12 schools;

15 “(ii) career and technical education
16 schools; and

17 “(iii) institutions of higher education;

18 or

19 “(B) through other higher education and
20 professional education programs.

21 “(2) PRIORITY.—In carrying out paragraph (1),
22 the Director of the National Science Foundation
23 shall prioritize outreach to populations historically
24 underrepresented in STEM, including populations

1 from rural areas or with limited access to computa-
2 tional resources.

3 “(3) METHOD.—The Director of the National
4 Science Foundation may carry out this subsection
5 through new or existing activities.

6 “(c) REQUIREMENTS.—

7 “(1) IN GENERAL.—

8 “(A) ESTABLISHMENT.—The Director of
9 the National Science Foundation, acting
10 through the Director of the Operating Entity
11 and in consultation with any relevant NAIRR
12 Advisory Board, shall establish requirements, a
13 review process for applications, and a process
14 for auditing resources of the NAIRR and re-
15 search conducted using resources of the NAIRR
16 on matters related to privacy, ethics, civil rights
17 and civil liberties, safety, security, risk mitiga-
18 tion, and trustworthiness of artificial intel-
19 ligence systems developed using resources of the
20 NAIRR.

21 “(B) FEDERAL STATISTICAL DATA.—Any
22 process for auditing under subparagraph (A)
23 for Federal statistical data included in a re-
24 source of the NAIRR shall be completed by the
25 head of a Designated Statistical Agency (as

1 such term is defined in section 3576(e) of title
2 44, United States Code), in coordination with
3 the Chief Statistician of the United States.

4 “(2) CONSISTENCY.—The Director of the Na-
5 tional Science Foundation shall ensure the require-
6 ments and processes described in paragraph (1) are
7 consistent with the policies of the Office of Manage-
8 ment and Budget and relevant policies of other Ex-
9 ecutive agencies. The Director shall coordinate with
10 the Senior Agency Official for Privacy and the Gen-
11 eral Counsel of the National Science Foundation in
12 ensuring compliance with applicable privacy law and
13 policy and Federal laws and regulations.

14 “(3) AVAILABILITY.—The Director of the Na-
15 tional Science Foundation, acting through the Direc-
16 tor of the Operating Entity, may carry out the fol-
17 lowing;

18 “(A) When determining access to computa-
19 tional resources of the NAIRR, take into con-
20 sideration the extent to which such access re-
21 lates to privacy, ethics, civil rights and civil lib-
22 erties, safety, security, risk mitigation, and
23 trustworthiness of artificial intelligence systems,
24 or other topics that demonstrate that a project
25 is in the public interest.

1 “(B) To the extent that demand for access
2 to computational resources of the NAIRR ex-
3 ceeds availability, consider, on a priority basis,
4 projects focusing on any of the topics referred
5 to in subparagraph (A) when ranking applica-
6 tions for such access.

7 “(d) SYSTEM SECURITY AND USER ACCESS CON-
8 TROLS.—The Director of the National Science Founda-
9 tion, acting through the Director of the Operating Entity
10 and in consultation with the NAIRR Steering Sub-
11 committee, the Director of the Office of Management and
12 Budget, the Secretary of Energy, the Director of the Na-
13 tional Institutes of Health, the Director of the National
14 Institute of Standards and Technology, and the Director
15 of the Cybersecurity and Infrastructure Security Agen-
16 cy—

17 “(1) shall establish minimum security require-
18 ments for all persons interacting with the NAIRR,
19 consistent with the most recent version of the Cyber-
20 security Framework, or successor document, main-
21 tained by the National Institute of Standards and
22 Technology; and

23 “(2) may establish tiers of security require-
24 ments and user access controls beyond such min-
25 imum requirements relative to security risks.

1 “(e) FEE SCHEDULE.—The Director of the National
2 Science Foundation, acting through the Director of the
3 Operating Entity, may establish a fee schedule for access
4 to the NAIRR. Fees charged under this subsection may
5 be retained and used for the purposes of this title. The
6 Operating Entity may only charge fees specified in such
7 fee schedule. Such fee schedule—

8 “(1) shall—

9 “(A) include a free tier of access based on
10 appropriated funds and anticipated costs and
11 demand; and

12 “(B) ensure that the primary purpose of
13 the NAIRR is to support research; and

14 “(2) may—

15 “(A) differ by type of eligible user and
16 type of qualified entity described in subsection
17 (a); and

18 “(B) include cost-based charges for eligible
19 users to purchase resources of the NAIRR be-
20 yond the resources included in a free or sub-
21 sidized tier referred to in paragraph (1)(A).

22 “(f) RESEARCH SECURITY.—The Director of the Na-
23 tional Science Foundation shall ensure the activities au-
24 thorized in this section are carried out in accordance with
25 the provisions of subtitle D of title VI of the Research

1 and Development, Competition, and Innovation Act (42
2 U.S.C. 19231 et seq.; enacted as part of division B of Pub-
3 lic Law 117–167) and section of 223 of the William Mac
4 Thornberry National Defense Authorization Act for Fiscal
5 Year 2021 (42 U.S.C. 6605).

6 “(g) AUTHORIZATIONS OF APPROPRIATIONS.—There
7 are authorized to be appropriated to the Director of the
8 National Science Foundation to carry out this title
9 \$430,000,000 for each of fiscal years 2025 through
10 2030.”.

11 (b) CLERICAL AMENDMENT.—The table of contents
12 in section 2(b) of the William M. (Mac) Thornberry Na-
13 tional Defense Authorization Act for Fiscal Year 2021
14 (Public Law 116–283) is amended by inserting after the
15 items relating to title LV the following:

“TITLE LVI—NATIONAL ARTIFICIAL INTELLIGENCE RESEARCH
RESOURCE

“Sec. 5601. Establishment of the NAIRR.

“Sec. 5602. Resources of the NAIRR.

“Sec. 5603. Policies and Governance of the NAIRR.”.

16 **SEC. 5. CONFORMING AMENDMENTS.**

17 (a) NATIONAL ARTIFICIAL INTELLIGENCE INITIA-
18 TIVE ACT OF 2020.—The National Artificial Intelligence
19 Initiative Act of 2020 is amended—

20 (1) in paragraph (7) of section 5201(b) (15
21 U.S.C. 9431(b)), by adding at the end the following
22 new subparagraph:

1 “(C) RELATION TO NAIRR.—Institutes es-
2 tablished under this section shall coordinate
3 with the National Artificial Intelligence Re-
4 search Resource (NAIRR) established under
5 section 5601 to provide and receive resources of
6 the NAIRR.”; and

7 (2) in section 5501 (15 U.S.C. 9461), by—

8 (A) redesignating subsections (j) and (k)
9 as subsections (k) and (l), respectively; and

10 (B) adding at the end the following new
11 subsection:

12 “(m) NAIRR.—As practicable and appropriate, the
13 Secretary shall support the development, management,
14 and resources of the National Artificial Intelligence Re-
15 search Resource (NAIRR) established under section
16 5601.”.

17 (b) NATIONAL INSTITUTE OF STANDARDS AND
18 TECHNOLOGY ACT.—Subsection (b) of section 22A of the
19 National Institute of Standards and Technology Act (15
20 U.S.C. 278h-1) is amended—

21 (1) in paragraph (4), by striking “and” after
22 the semicolon;

23 (2) in paragraph (5), by striking the period and
24 inserting “; and”; and

1 (3) by adding at the end the following new
2 paragraph:

3 “(6) as practicable and appropriate, support the
4 development, management, and resources of the
5 NAIRR established under section 5601 of the Na-
6 tional Artificial Intelligence Initiative Act of 2020
7 (Public Law 116–283).”.

