

# Calendar No. 721

118TH CONGRESS  
2D SESSION

# S. 2714

To establish the National Artificial Intelligence Research Resource, and for other purposes.

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## IN THE SENATE OF THE UNITED STATES

JULY 27, 2023

Mr. HEINRICH (for himself, Mr. YOUNG, Mr. BOOKER, and Mr. ROUNDS) introduced the following bill; which was read twice and referred to the Committee on Commerce, Science, and Transportation

DECEMBER 17 (legislative day, DECEMBER 16), 2024

Reported by Ms. CANTWELL, with an amendment

[Strike out all after the enacting clause and insert the part printed in italic]

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# A BILL

To establish the National Artificial Intelligence Research Resource, 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 “Creating Resources  
5       for Every American To Experiment with Artificial Intel-  
6       ligence Act of 2023” or the “CREATE AI Act of 2023”.

1   **SEC. 2. FINDINGS.**

2       Congress finds the following:

3           (1) Cutting-edge artificial intelligence research  
4        relies on access to computational resources and large  
5        datasets.

6           (2) Access to the computational resources and  
7        datasets necessary for artificial intelligence research  
8        and development is often limited to very large tech-  
9        nology companies.

10          (3) The lack of access to computational and  
11        data resources has resulted in insufficient diversity  
12        in the artificial intelligence research and develop-  
13        ment community.

14          (4) Engaging the full and diverse talent of the  
15        United States is critical for maintaining United  
16        States leadership in artificial intelligence and ensur-  
17        ing that artificial intelligence is developed in a man-  
18        ner that benefits all people of the United States.

19          (5) The National Artificial Intelligence Re-  
20        search Resource Task Force, authorized under sec-  
21        tion 5106 of the National Artificial Intelligence Ini-  
22        tiative Act of 2020 (15 U.S.C. 9401 et seq.), rec-  
23        ommended the establishment of a National Artificial  
24        Intelligence Research Resource in a report entitled  
25        “Strengthening and Democratizing the U.S. Artifi-  
26        cial Intelligence Innovation Ecosystem: An Imple-

1       mentation Plan for a National Artificial Intelligence  
2       Research Resourcee”, issued on January 24, 2023.

**3 SEC. 3. NATIONAL ARTIFICIAL INTELLIGENCE RESEARCH  
4 RESOURCE.**

5       (a) NAIRR STEERING SUBCOMMITTEE.—Section  
6 5103 of the William M. (Mae) Thornberry National De-  
7 fense Authorization Act for Fiscal Year 2021 (15 U.S.C.  
8 9413) is amended—

9                           (1) by redesignating subsection (e) as sub-  
10                           section (f); and

11                   (2) by inserting after subsection (d) the fol-  
12                   lowing:

13        "(e) NAIRR STEERING SUBCOMMITTEE.—

14                 “(1) DEFINITION.—In this subsection, the  
15 terms ‘NAIRR’, ‘National Artificial Intelligence Re-  
16 search Resource’, ‘Operating Entity’, ‘Program  
17 Management Office’, and ‘resources of the NAIRR’  
18 have the meanings given the terms in section 5601.

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

24               “(3) CHAIR AND ASSISTANT CHAIRS.—The  
25       NAIRR Steering Subcommittee shall be chaired by

1       the Director of the Office of Science and Technology  
2       Policy. The Director of the Office of Science and  
3       Technology Policy may establish assistant chairs of  
4       the NAIRR Steering Subcommittee based on mem-  
5       bers of the NAIRR Steering Subcommittee rotating  
6       into the assistant chair positions on a predetermined  
7       schedule.

8                 “(4) MEMBERSHIP.—The Director of the Office  
9       of Science and Technology Policy shall select mem-  
10      bers of the Interagency Committee to serve on the  
11      NAIRR Steering Subcommittee that the Director de-  
12      termines—

13                 “(A) have substantial expertise;  
14                 “(B) have substantially funded or con-  
15          ducted artificial intelligence research and devel-  
16          opment; or  
17                 “(C) have some other significant relation-  
18          ship with the NAIRR.

19                 “(5) CHANGES TO NAIRR STEERING SUB-  
20          COMMITTEE COMPOSITION.—Not less frequently  
21          than once a year, the Director of the Office of  
22          Science and Technology Policy shall review the com-  
23          position of the NAIRR Steering Subcommittee and  
24          update such composition, which may include adding

1       or removing members from the NAIRR Steering  
2       Subcommittee, if necessary.

3           “(6) SUBCOMMITTEES AND WORKING  
4       GROUPS.—The NAIRR Steering Subcommittee may  
5       establish subcommittees, working groups, or other  
6       permanent or temporary bodies of certain members  
7       of the NAIRR Steering Subcommittee.

8           “(7) DUTIES.—The NAIRR Steering Sub-  
9       committee shall—

10              “(A) coordinate with the National Science  
11       Foundation and the Program Management Of-  
12       fice to—

13                  “(i) oversee and approve the operating  
14       plan for the NAIRR;

15                  “(ii) request the budget for the  
16       NAIRR;

17                  “(iii) develop and release a request for  
18       proposals to solicit bids for the Operating  
19       Entity, including establishing the terms  
20       and conditions and functions of the Oper-  
21       ating Entity; and

22                  “(iv) develop and release funding op-  
23       portunities for resources of the NAIRR;

24              “(B) work with the Program Management  
25       Office to establish criteria for the Operating

1 Entity, review candidates, and select an entity  
2 to act as the Operating Entity;

3 “(C) identify resources that could be fed-  
4 erated, participate in resource provider selection  
5 and funding; and provide direction to the Oper-  
6 ating Entity about resource allocation and how  
7 those resources should be made accessible via  
8 the NAIRR;

9 “(D) define key performance indicators for  
10 the NAIRR, in conjunction with the Program  
11 Management Office and any relevant Advisory  
12 Committees established under section 5602(c);

13 “(E) evaluate NAIRR performance against  
14 the key performance indicators defined under  
15 subparagraph (D) on a periodic basis and not  
16 less frequently than once every year;

17 “(F) develop an annual report, transmitted  
18 to the Director of the Office of Science and  
19 Technology Policy and publicly released, on the  
20 progress of the National Artificial Intelligence  
21 Research Resource that includes—

22 “(i) a summary of the results of the  
23 evaluation conducted under subparagraph  
24 (E); and

1                         “(ii) any recommendations for  
 2 changes to the NAIRR; and  
 3                         “(G) oversee a periodic independent assess-  
 4 ment of the NAIRR.

5                 “(8) PROVISION OF RESOURCES OF THE  
 6 NAIRR.—Each agency comprising the NAIRR Steering  
 7 Subcommittee is authorized to provide the Operating Entity with resources of the NAIRR or fund-  
 8 ing for resources of the NAIRR.”.

10                 (b) IN GENERAL.—The National Artificial Intel-  
 11 ligence Initiative Act of 2020 (15 U.S.C. 9401 et seq.)  
 12 is amended by adding at the end the following:

13 **“TITLE LVI—NATIONAL ARTIFI-**  
 14 **CIAL INTELLIGENCE RE-**  
 15 **SEARCH RESOURCE**

“Sec. 5601. Definitions.

“Sec. 5602. Establishment; governance.

“Sec. 5603. Resources of the NAIRR.

“Sec. 5604. NAIRR processes and procedures.

16 **“SEC. 5601. DEFINITIONS.**

17                 “In this title:

18                 “(1) ADVISORY COMMITTEE.—The term ‘Advi-  
 19 sory Committee’ means any Advisory Committee es-  
 20 tablished under section 5602(e).

21                 “(2) AI TESTBED.—The term ‘AI testbed’  
 22 means a testbed described in section 22A(g) of the

1       National Institute of Standards and Technology Act  
2       (~~15 U.S.C. 278h-1(g)~~).  
3

4           “(3) EXECUTIVE AGENCY.—The term ‘Executive  
5       agency’ has the meaning given such term in section  
6       105 of title 5, United States Code.  
7

8           “(4) NATIONAL ARTIFICIAL INTELLIGENCE RE-  
9       SEARCH 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

15           “(5) OPERATING ENTITY.—The term ‘Oper-  
16       ating Entity’ means the Operating Entity selected  
17       by the Program Management Office as described in  
18       section 5602(b)(3)(A).  
19

20           “(6) PROGRAM MANAGEMENT OFFICE.—The  
21       term ‘Program Management Office’ means the Pro-  
22       gram Management Office established under section  
23       5602(b).  
24

25           “(7) RESOURCE OF THE NAIRR.—The term ‘re-  
26       sourcee of the NAIRR’ means a resourcee described in  
27       section 5603(b).  
28

29           “(8) NAIRR STEERING SUBCOMMITTEE.—The  
30       term ‘NAIRR Steering Subcommittee’ means the  
31

1       NAIRR Steering Subcommittee established under  
2       section 5103(e).

3           “(9) STEM.—The term ‘STEM’ means science,  
4       technology, engineering, and mathematics, including  
5       computer science.

6       **“SEC. 5602. ESTABLISHMENT; GOVERNANCE.**

7           “(a) ESTABLISHMENT.—Not later than 1 year after  
8       the date of enactment of the Creating Resources for Every  
9       American To Experiment with Artificial Intelligence Act  
10      of 2023, the Director of the National Science Foundation,  
11      in coordination with the NAIRR Steering Subcommittee,  
12      shall establish the National Artificial Intelligence Re-  
13      search Resource to—

14           “(1) spur innovation and advance the develop-  
15       ment of safe, reliable, and trustworthy artificial in-  
16       telligence research and development;

17           “(2) improve access to artificial intelligence re-  
18       sources for researchers and students of artificial in-  
19       telligence, including groups historically underrep-  
20       resented in STEM;

21           “(3) improve capacity for artificial intelligence  
22       research in the United States; and

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

1       **“(b) PROGRAM MANAGEMENT OFFICE.—**

2           **“(1) ESTABLISHMENT.—**The Director of the  
3           National Science Foundation shall establish within  
4           the National Science Foundation a Program Man-  
5           agement Office to oversee the day-to-day functions  
6           of the NAIRR and shall appoint an individual to  
7           head the Program Management Office.

8           **“(2) STAFF.—**

9           **“(A) IN GENERAL.—**The head of the Pro-  
10          gram Management Office may identify staff  
11          and direct all employees of the Program Man-  
12          agement Office, in accordance with the applica-  
13          ble provisions of title 5, United States Code.

14           **“(B) REPRESENTATION AND REQUIRE-  
15          MENTS.—**The staff of the Program Manage-  
16          ment Office—

17           **“(i)** may include representation from  
18           other Federal agencies providing support  
19           for NAIRR resources; and

20           **“(ii)** shall include not less than 3 full-  
21           time employees.

22           **“(3) DUTIES.—**The duties of the Program  
23          Management Office shall include—

1               “(A) in coordination with the NAIRR  
2               Steering Subcommittee and any relevant Advi-  
3               sory Committee as appropriate—

4               “(i) developing the funding oppor-  
5               tunity and soliciting bids for the Operating  
6               Entity, which will be responsible for oper-  
7               ation of the National Artificial Intelligence  
8               Research Resource;

9               “(ii) selecting, through a competitive  
10              and transparent process, a nongovern-  
11              mental organization, which may be an  
12              independent legal entity or a consortium of  
13              1 or more partners (which may include  
14              federally funded research and development  
15              centers), to be designated the Operating  
16              Entity;

17              “(iii) overseeing compliance with the  
18              contractual obligations of the Operating  
19              Entity;

20              “(iv) establishing evaluation criteria  
21              for the NAIRR;

22              “(v) overseeing asset allocation and  
23              utilization;

24              “(vi) identifying an external inde-  
25              pendent evaluation entity;

1               “(vii) assessing the performance of  
2 the Operating Entity on not less than an  
3 annual basis and, if such performance is  
4 unsatisfactory, ending the agreement with  
5 such Operating Entity and selecting a new  
6 Operating Entity in accordance with clause  
7 (ii);

8               “(viii) developing multi-agency funding  
9 opportunities for the selection of  
10 NAIRR resources; and

11               “(ix) coordinating resource contributions from participating Federal agencies;  
12 and

14               “(B) delegating, with appropriate oversight, operational tasks to the Operating Entity, including—

17               “(i) coordinating the provisioning of  
18 resources of the NAIRR;

19               “(ii) maintaining a portal and associated services for users to access resources  
20 of the NAIRR;

22               “(iii) developing policies and procedures for the NAIRR;

24               “(iv) hiring and managing a staff (including experts in cyber infrastructure

1 management, data science, research de-  
2 sign, privacy, ethics, civil rights and civil  
3 liberties, and legal and policy matters) to  
4 support the operations of the NAIRR;

5 “(v) continually modernizing NAIRR  
6 infrastructure;

7 “(vi) recommending key performance  
8 indicators for the NAIRR, in coordination  
9 with the NAIRR Steering Subcommittee  
10 and any relevant Advisory Committee;

11 “(vii) publishing publicly available an-  
12 nual reports reviewing the performance of  
13 the NAIRR, the resources of the NAIRR,  
14 and the NAIRR governance structures;

15 “(viii) establishing and administering  
16 training to new users on accessing a re-  
17 source of the NAIRR, research design, and  
18 issues related to privacy, ethics, civil rights  
19 and civil liberties, safety, and trust-  
20 worthiness of artificial intelligence systems;

21 “(ix) facilitating connections to AI  
22 testbeds; and

23 “(x) making resources of the NAIRR  
24 available to other Federal agencies, and to  
25 Congress, for the purpose of educating

1                   Federal Government officials and employees  
2                   about artificial intelligence.

3         “(e) ADVISORY COMMITTEES.—The head of the Program Management Office, acting through the Director of the Operating Entity, shall establish Advisory Committees to provide advice to the Operating Entity and the Program Management Office. Any such Advisory Committees shall be comprised of members from government agencies, the private sector, academia, and public interest groups. Chapter 10 of title 5, United States Code, shall not apply to any such Advisory Committee.

12         **“SEC. 5603. RESOURCES OF THE NAIRR.**

13         “(a) IN GENERAL.—The head of the Program Management Office, acting through the Director of the Operating Entity and in coordination with the NAIRR Steering Subcommittee and any relevant Advisory Committee, shall—

18                 “(1) coordinate and provision resources of the NAIRR;

20                 “(2) establish processes to manage the procurement of new resources of the NAIRR, and intake of in-kind contribution of resources of the NAIRR, from Federal agencies or other entities;

1           “(3) establish policies on and review resources  
2 of the NAIRR for concerns related to ethics, privacy,  
3 civil rights, and civil liberties;

4           “(4) retire resources of the NAIRR no longer  
5 available or needed; and

6           “(5) publicly report a summary of categories of  
7 available resources of the NAIRR, categories of  
8 sources of such resources of the NAIRR, and issues  
9 related to resources of the NAIRR.

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

13           “(1) A mix of computational resources, includ-  
14 ing—

15           “(A) on-premises, cloud-based, hybrid, and  
16 emergent resources;

17           “(B) public cloud providers providing ac-  
18 cess to popular computational and storage serv-  
19 ices for NAIRR users;

20           “(C) an open source software environment  
21 for the NAIRR; and

22           “(D) an application programming interface  
23 providing structured access to artificial intel-  
24 ligence models.

25           “(2) Data, including by—

1               “(A)(i) in coordination with the National  
2               Institute of Standards and Technology and con-  
3               sistent with the guidance of the National  
4               Science and Technology Council titled ‘Desir-  
5               able Characteristics of Data Repositories for  
6               Federally Funded Data,’ dated May 2022, or  
7               any successor document, publishing interoper-  
8               ability standards for data repositories based on  
9               the data sharing and documentation standards  
10               and guidelines produced under section 22A of  
11               the National Institute of Standards and Tech-  
12               nology Act (~~15 U.S.C. 278h-1~~); and

13               “(ii) selecting and developing, through a  
14               competitive bidding process, data repositories to  
15               be available to NAIRR users;

16               “(B) establishing acceptable criteria for  
17               datasets used as resources of the NAIRR;

18               “(C) identifying and providing access to  
19               existing curated datasets of value and interest  
20               to the NAIRR user community;

21               “(D) establishing an artificial intelligence  
22               open data commons to facilitate community  
23               sharing and curation of data, code, and models;  
24               and

1               “(E) coordinating with the Interagency  
2               Council on Statistical Policy to explore options  
3               to make Federal statistical data available to  
4               NAIRR users, including through the standard  
5               application process established under section  
6               3583(a) of title 44, United States Code.

7               “(3) Educational tools and services, including  
8               by—

9               “(A) facilitating and curating educational  
10              and training materials;

11              “(B) providing technical training and user  
12              support; and

13              “(C) providing outreach and programming  
14              for groups historically underrepresented in  
15              STEM.

16              “(4) AI testbeds, including by—

17              “(A) in coordination with the National In-  
18              stitute of Standards and Technology, facili-  
19              tating access to artificial intelligence testbeds  
20              through which researchers can measure, bench-  
21              mark, test, or evaluate engineering or algo-  
22              rithmic developments; and

23              “(B) developing a comprehensive catalog of  
24              open AI testbeds.

1   **“SEC. 5604. NAIRR PROCESSES AND PROCEDURES.**2   **“(a) USER ELIGIBILITY.—**

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

6                 **“(A) A researcher, educator, or student**  
7                 based in the United States that is affiliated  
8                 with an entity described in paragraph (2).

9                 **“(B) An employee of an entity described in**  
10                 clause (iii) or (iv) of paragraph (2)(B) with a  
11                 demonstrable mission-need.

12                 **“(2) ENTITIES DESCRIBED.—**An entity de-  
13                 scribed in this paragraph is an entity that—

14                 **“(A) is based in the United States; and**

15                 **“(B) is one of the following:**

16                 **“(i) An institution of higher edu-**  
17                 **cation.**

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

22                 **“(iii) An Executive agency.**

23                 **“(iv) A federally funded research and**  
24                 **development center.**

25                 **“(v) A small business concern (as**  
26                 such term is defined in section 3 of the

1           Small Business Act (15 U.S.C. 632), notwithstanding section 121.103 of title 13,  
2           Code of Federal Regulations) that has received funding from an Executive agency,  
3           including through the Small Business Innovation Research Program or the Small  
4           Business Technology Transfer Program (as described in section 9 of the Small  
5           Business Act (15 U.S.C. 638)).

6  
7  
8  
9  
10           “(vi) A category of entity that the Director of the National Science Foundation  
11           and the Director of the Office of Science and Technology Policy, after consultation  
12           with the NAIRR Steering Subcommittee and any relevant Advisory Committee, determine shall be eligible.

13  
14  
15  
16  
17           “(vii) A consortium composed of entities described in clauses (i) through (vi).

18  
19           **“(3) EXCLUDED ENTITIES.—**

20           **“(A) IN GENERAL.—**No individual is authorized to be an eligible user under paragraph  
21           (1) if the individual is employed by a foreign country that is listed in section 4872(d)(2) of  
22           title 10, United States Code, or is otherwise au-

1           thorized by such country to act for or on its be-  
2           half.

3           **“(B) ENFORCEMENT.**—The Director of the  
4           National Science Foundation shall ensure that  
5           individuals authorized as eligible users meet the  
6           requirements of subparagraph (A).

7           **“(b) PRIVACY, ETHICS, CIVIL RIGHTS AND CIVIL**  
8           **LIBERTIES, SAFETY, AND TRUSTWORTHINESS.**—

9           **“(1) IN GENERAL.**—

10          **“(A) REQUIREMENTS.**—The head of the  
11          Program Management Office, acting through  
12          the Director of the Operating Entity and in  
13          consultation with any relevant Advisory Com-  
14          mittee, shall establish requirements, a review  
15          process for applications, and a process for au-  
16          diting resources of the NAIRR and research  
17          conducted using resources of the NAIRR on  
18          matters related to privacy, ethics, civil rights  
19          and civil liberties, safety, security, and trust-  
20          worthiness of artificial intelligence systems de-  
21          veloped using resources of the NAIRR.

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

1           head of a designated statistical agency (as de-  
2         fined in section 3576(e) of title 44, United  
3         States Code), in coordination with the Chief  
4         Statistician of the United States, consistent  
5         with relevant law.

6         “(2) CONSISTENCY.—The head of the Program  
7         Management Office shall ensure the requirements  
8         and processes described in paragraph (1) are con-  
9         sistent with the policies of the Office of Management  
10        and Budget policy and relevant policies of other Ex-  
11        ecutive agencies. The head of the Program Manage-  
12        ment Office shall coordinate with the Senior Agency  
13        Official for Privacy and the General Counsel of the  
14        National Science Foundation in ensuring compliance  
15        with applicable privacy law and policy and Federal  
16        laws and regulations.

17         “(3) AVAILABILITY.—The head of the Program  
18         Management Office, acting through the Director of  
19         the Operating Entity, shall—

20           “(A) when determining access to computa-  
21         tional resources of the NAIRR, take into con-  
22         sideration the extent to which the access relates  
23         to privacy, ethics, civil rights and civil liberties,  
24         safety, security, risk mitigation, and trust-  
25         worthiness of artificial intelligence systems; or

1           other topics that demonstrate that a project is  
2           in the public interest;

3           “(B) ensure that a significant percentage  
4           of the annual allotment of computational re-  
5           sources of the NAIRR is provided to projects  
6           whose primary focus is related to any of the  
7           topics described in subparagraph (A); and

8           “(C) to the extent that demand for access  
9           to computational resources of the NAIRR ex-  
10          ceeds availability, consider, on a priority basis,  
11          projects focusing on any of the topics described  
12          in subparagraph (A) when ranking applications  
13          for such access.

14         “(c) SCIENTIFIC INTEGRITY.—

15         “(1) IN GENERAL.—The head of the Program  
16          Management Office, acting through the Director of  
17          the Operating Entity and in consultation with any  
18          relevant Advisory Committee, shall develop guidance  
19          for—

20           “(A) addressing concerns related to mat-  
21           ters of scientific integrity, including matters re-  
22           lated to the effects or impacts of research and  
23           potential research enabled by the NAIRR; and

24           “(B) mechanisms for an employee of the  
25          Operating Entity, an employee of the Program

1 Management Office, a member of the NAIRR  
2 Steering Subcommittee or an Advisory Com-  
3 mittee, a researcher or student affiliated with a  
4 NAIRR user described in subsection (a)(1), an  
5 employee of a provider of a resource of the  
6 NAIRR, an employee of a NAIRR funding  
7 agency, or a member of the public to report vi-  
8 olations of the guidance developed under this  
9 paragraph, including by confidential and anonym-  
10 ous means.

11 “(2) CONSISTENCY WITH GOVERNMENT POLI-  
12 CIES ON SCIENTIFIC INTEGRITY.—The guidance de-  
13 veloped under paragraph (1)(A) shall be published in  
14 a publicly accessible location on the website of the  
15 NAIRR. Such policies shall, to the degree prac-  
16 ticable, be consistent with—

17 “(A) the Presidential memorandum enti-  
18 tled ‘Restoring Trust in Government Through  
19 Scientific Integrity and Evidence-Based Policy-  
20 making’, dated January 27, 2021, or successor  
21 document; and

22 “(B) reports produced pursuant to such  
23 Presidential memorandum (including the re-  
24 ports entitled ‘Protecting the Integrity of Gov-  
25 ernment Science’, dated January 2022, and ‘A

1           Framework for Federal Scientific Integrity Pol-  
2        icy and Practice', dated January 2023, pub-  
3        lished by the National Science and Technology  
4        Council, or successor documents).

5        “(d) SYSTEM SECURITY AND USER ACCESS CON-  
6        TROLS.—The head of the Program Management Office,  
7        acting through the Director of the Operating Entity and  
8        in consultation with the NAIRR Steering Subcommittee,  
9        the Director of the Office of Management and Budget, the  
10      Director of the National Institute of Standards and Tech-  
11      nology, and the Director of the Cybersecurity and Infra-  
12      structure Security Agency—

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

19           “(2) may establish tiers of security require-  
20      ments and user access controls beyond the minimum  
21      requirements relative to security risks.

22        “(e) FEE SCHEDULE.—The head of the Program  
23      Management Office, acting through the Director of the  
24      Operating Entity, may establish a fee schedule for access

1 to the NAIRR. The Operating Entity may only charge fees  
2 in such fee schedule. Such fee schedule—

3 “(1) may differ by type of eligible user and type  
4 of affiliated entity described in subsection (a);

5 “(2) shall include a free tier of access based on  
6 appropriated funds and anticipated costs and de-  
7 mand;

8 “(3) may include cost-based charges for eligible  
9 users to purchase resources of the NAIRR beyond  
10 the resources included in a free or subsidized tier;  
11 and

12 “(4) shall ensure that the primary purpose of  
13 the NAIRR is to support research.

14 “(f) RESEARCH SECURITY.—The head of the Pro-  
15 gram Management Office, acting through the Director of  
16 the Operating Entity and in consultation with the NAIRR  
17 Steering Subcommittee and the Director of the Office of  
18 Science and Technology Policy, shall—

19 “(1) ensure conformance with the requirements  
20 of National Security Presidential Memorandum-33  
21 (relating to supported research and development na-  
22 tional policy), issued January 2021, and its imple-  
23 mentation guidance on research security and re-  
24 search integrity, or any successor policy document or  
25 guidance, by establishing NAIRR operating prin-

1       ciples that emphasize the research integrity prin-  
 2       ciples of openness, reciprocity, and transparency;  
 3       and

4           “(2) designate a member of the leadership team  
 5       for the Operating Entity as a research security point  
 6       of contact with responsibility for overseeing confor-  
 7       mance with the National Security Presidential Memo-  
 8       randum—<sup>33</sup> and its implementation guidance, or any  
 9       successor policy document or guidance.”.

10       (e) CONFORMING AMENDMENTS.—The table of con-  
 11       tents in section 2(b) of the William M. (Mac) Thornberry  
 12       National Defense Authorization Act for Fiscal Year 2021  
 13       (Public Law 116–283; 134 Stat. 3388) is amended by in-  
 14       serting after the items relating to title LV the following:

**“TITLE LVI—NATIONAL ARTIFICIAL INTELLIGENCE RESEARCH RESOURCE**

“See. 5601. Definitions.

“See. 5602. Establishment, governance.

“See. 5603. Resources of the NAIRR.

“See. 5604. NAIRR processes and procedures.”.

**15 SECTION 1. SHORT TITLE.**

16       *This Act may be cited as the “Creating Resources for  
 17       Every American To Experiment with Artificial Intelligence  
 18       Act of 2024” or the “CREATE AI Act of 2024”.*

**19 SEC. 2. FINDINGS.**

20       *Congress finds the following:*

1           (1) *Cutting-edge artificial intelligence research*  
2       *relies on access to computational resources and large*  
3       *datasets.*

4           (2) *Access to the computational resources and*  
5       *datasets necessary for artificial intelligence research*  
6       *and development is often limited to very large tech-*  
7       *nology companies.*

8           (3) *The lack of access to computational and data*  
9       *resources has resulted in insufficient diversity in the*  
10      *artificial intelligence research and development com-*  
11      *munity.*

12       (4) *Engaging the full and diverse talent of the*  
13      *United States is critical for maintaining United*  
14      *States leadership in artificial intelligence and ensur-*  
15      *ing that artificial intelligence is developed in a man-*  
16      *ner that benefits all people of the United States.*

17       (5) *The National Artificial Intelligence Research*  
18      *Resource Task Force, authorized under section 5106 of*  
19      *the National Artificial Intelligence Initiative Act of*  
20      *2020 (15 U.S.C. 9401 et seq.), recommended the estab-*  
21      *lishment of a National Artificial Intelligence Research*  
22      *Resource in a report entitled “Strengthening and De-*  
23      *mocratizing the U.S. Artificial Intelligence Innova-*  
24      *tion Ecosystem: An Implementation Plan for a Na-*

1       tional Artificial Intelligence Research Resource”,  
2       issued on January 24, 2023.

### **3 SEC. 3. NATIONAL ARTIFICIAL INTELLIGENCE RESEARCH 4 RESOURCE.**

5       (a) IN GENERAL.—*The National Artificial Intelligence  
6 Initiative Act of 2020 (15 U.S.C. 9401 et seq.) is amended  
7 by adding at the end the following:*

8     ***"TITLE LVI—NATIONAL ARTIFI-***  
9     ***CIAL INTELLIGENCE RE-***  
10    ***SEARCH RESOURCE***

“Sec. 5601. Definitions.

*“Sec. 5602. Establishment; governance.*

*"Sec. 5603. Resources of the NAIRR.*

*"Sec. 5604. NAIRR processes and procedures.*

## 11 "SEC. 5601. DEFINITIONS.

## 12 “In this title:

13               “(1) ADVISORY COMMITTEE.—The term ‘Advi-  
14               sory Committee’ means any Advisory Committee es-  
15               tablished under section 5602(c).

16               “(2) *AI TESTBED*.—The term ‘*AI testbed*’ means  
17               a *testbed described in section 22A(g) of the National*  
18               *Institute of Standards and Technology Act (15 U.S.C.*  
19               *278h-1(g)).*

“(3) EXECUTIVE AGENCY.—The term ‘Executive agency’ has the meaning given such term in section 105 of title 5, United States Code.

1           “(4) NATIONAL ARTIFICIAL INTELLIGENCE RE-  
2         SEARCH RESOURCE; NAIRR.—The terms ‘National Ar-  
3         tificial Intelligence Research Resource’ and ‘NAIRR’  
4         have the meaning given the term ‘National Artificial  
5         Intelligence Research Resource’ in section 5106(g).

6           “(5) OPERATING ENTITY.—The term ‘Operating  
7         Entity’ means the Operating Entity selected by the  
8         Program Management Office as described in section  
9         5602(b)(3)(A).

10          “(6) PROGRAM MANAGEMENT OFFICE.—The term  
11         ‘Program Management Office’ means the Program  
12         Management Office established under section 5602(b).

13          “(7) RESOURCE OF THE NAIRR.—The term ‘re-  
14         source of the NAIRR’ means a resource described in  
15         section 5603(b).

16          “(8) SELECT COMMITTEE ON AI.—The term ‘Se-  
17         lect Committee on AI’ means the Interagency Com-  
18         mittee.

19          “(9) STEM.—The term ‘STEM’ means science,  
20         technology, engineering, and mathematics, including  
21         computer science.

22          **“SEC. 5602. ESTABLISHMENT; GOVERNANCE.**

23          “(a) ESTABLISHMENT.—Not later than 1 year after the  
24         date of enactment of the Creating Resources for Every  
25         American To Experiment with Artificial Intelligence Act

1   of 2024, the Director of the National Science Foundation  
2   shall establish the National Artificial Intelligence Research  
3   Resource to—

4                 “(1) spur innovation and advance artificial in-  
5                 telligence research and development;

6                 “(2) advance the development of trustworthy ar-  
7                 tificial intelligence;

8                 “(3) improve access to artificial intelligence re-  
9                 sources for researchers and students of artificial intel-  
10                 ligence, including groups historically underrep-  
11                 resented in STEM;

12                 “(4) improve capacity for artificial intelligence  
13                 research in the United States; and

14                 “(5) support the testing, benchmarking, and  
15                 evaluation of artificial intelligence systems developed  
16                 and deployed in the United States.

17                 “(b) PROGRAM MANAGEMENT OFFICE.—

18                 “(1) ESTABLISHMENT.—The Director of the Na-  
19                 tional Science Foundation shall establish within the  
20                 National Science Foundation a Program Management  
21                 Office to oversee the day-to-day functions of the  
22                 NAIRR and shall appoint an individual to head the  
23                 Program Management Office.

24                 “(2) STAFF.—

1                 “(A) *IN GENERAL.*—The head of the Pro-  
2                 gram Management Office may identify staff and  
3                 direct all employees of the Program Management  
4                 Office, in accordance with the applicable provi-  
5                 sions of title 5, United States Code.

6                 “(B) *REPRESENTATION.*—The staff of the  
7                 Program Management Office may include rep-  
8                 resentation from other Executive agencies pro-  
9                 viding support for NAIRR resources.

10                 “(3) *DUTIES.*—The duties of the Program Man-  
11                 agement Office shall include—

12                 “(A) in consultation with any relevant Ad-  
13                 visory Committee as appropriate—

14                 “(i) overseeing and approving the oper-  
15                 ating plan for the NAIRR;

16                 “(ii) developing the budget for the  
17                 NAIRR, in consultation with Executive  
18                 agencies and offices represented on the Se-  
19                 lect Committee on AI;

20                 “(iii) developing the funding oppor-  
21                 tunity and soliciting bids for the Operating  
22                 Entity, which will be responsible for oper-  
23                 ation of the National Artificial Intelligence  
24                 Research Resource;

- 1                     “(iv) selecting, through a competitive  
2                     and transparent process, a nongovernmental  
3                     organization, which may be an independent  
4                     legal entity or a consortium of 1 or more  
5                     partners (which may include federally fund-  
6                     ed research and development centers), to be  
7                     designated the *Operating Entity*;
- 8                     “(v) overseeing compliance with the  
9                     contractual obligations of the *Operating*  
10                     *Entity*;
- 11                     “(vi) establishing evaluation criteria,  
12                     including key performance indicators, for  
13                     the *NAIRR*;
- 14                     “(vii) overseeing asset allocation and  
15                     utilization;
- 16                     “(viii) identifying an external inde-  
17                     pendent evaluation entity;
- 18                     “(ix) assessing the performance of the  
19                     *Operating Entity* on not less than an an-  
20                     nual basis and, if such performance is un-  
21                     satisfactory, ending the agreement with such  
22                     *Operating Entity* and selecting a new *Oper-*  
23                     *ating Entity* in accordance with clause (iv);
- 24                     “(x) developing funding opportunities  
25                     for resources of the *NAIRR*, in consultation

1           with Executive agencies and offices repre-  
2           resented on the Select Committee on AI; and  
3               “(xi) coordinating resource contribu-  
4           tions from participating Federal agencies;  
5               “(B) delegating, with appropriate oversight,  
6           operational tasks to the Operating Entity, in-  
7           cluding—  
8                       “(i) coordinating the provisioning of  
9           resources of the NAIRR;  
10                  “(ii) maintaining a portal and associ-  
11           ated services for users to access resources of  
12           the NAIRR;  
13                  “(iii) developing policies and proce-  
14           dures for the NAIRR;  
15                  “(iv) hiring and managing a staff (in-  
16           cluding experts in cyber infrastructure  
17           management, data science, research design,  
18           privacy, ethics, civil rights and civil lib-  
19           erties, and legal and policy matters) to sup-  
20           port the operations of the NAIRR;  
21                  “(v) continually modernizing NAIRR  
22           infrastructure;  
23                  “(vi) annually reviewing and cata-  
24           logging the performance of the NAIRR (in-  
25           cluding performance on the key performance

1           *indicators established under subparagraph  
2           (A)(vi)), the resources of the NAIRR, and  
3           the NAIRR governance structure;*

4           “(vii) establishing and administering  
5           training to new users on accessing a re-  
6           source of the NAIRR, research design, and  
7           issues related to privacy, ethics, civil rights  
8           and civil liberties, safety, and trust-  
9           worthiness of artificial intelligence systems;

10          “(viii) facilitating connections to AI  
11          testbeds; and

12          “(ix) making educational resources of  
13          the NAIRR available to other Executive  
14          agencies, and to Congress and agencies in  
15          the legislative and judicial branches, for the  
16          purpose of educating Federal Government  
17          officials and employees about artificial in-  
18          telligence;

19          “(C) developing an annual report, trans-  
20          mitted to the Director of the Office of Science  
21          and Technology Policy, the Committee on Com-  
22          merce, Science, and Transportation of the Sen-  
23          ate, and the Committee on Science, Space, and  
24          Technology of the House of Representatives and

1           *made available to the public, on the progress of*  
2           *the NAIRR that includes—*

3                 “(i) *a summary of the information col-*  
4                 *lected under subparagraph (B)(vi);*

5                 “(ii) *a list of projects that used the*  
6                 *NAIRR during the reporting period, includ-*  
7                 *ing, as appropriate, relevant details about*  
8                 *the projects that demonstrate the value to*  
9                 *the public provided by the projects; and*

10                 “(iii) *any recommendations for*  
11                 *changes to the NAIRR; and*

12                 “(D) *overseeing a periodic independent as-*  
13                 *sessment of the NAIRR.*

14                 “(c) *ADVISORY COMMITTEES.—The head of the Pro-*  
15                 *gram Management Office, acting through the Director of the*  
16                 *Operating Entity, may establish 1 or more Advisory Com-*  
17                 *mittees to provide advice to the Operating Entity and the*  
18                 *Program Management Office. Any such Advisory Commit-*  
19                 *tees shall be comprised of members from government agen-*  
20                 *cies, the private sector, academia, and public interest*  
21                 *groups.*

22                 **“SEC. 5603. RESOURCES OF THE NAIRR.**

23                 “(a) *IN GENERAL.—The head of the Program Manage-*  
24                 *ment Office, acting through the Director of the Operating*  
25                 *Entity and in consultation with relevant Executive agen-*

1   *cies and offices represented on the Select Committee on AI*  
2   *and any relevant Advisory Committee, shall—*

3           “(1) coordinate and provision resources of the  
4           NAIRR;

5           “(2) establish processes to manage the procure-  
6           ment of new resources of the NAIRR, and intake of  
7           in-kind contribution of resources of the NAIRR, from  
8           Executive agencies or other entities;

9           “(3) establish policies on and review resources of  
10          the NAIRR for concerns related to ethics, privacy,  
11          civil rights, and civil liberties;

12          “(4) retire resources of the NAIRR no longer  
13          available or needed; and

14          “(5) publicly report a summary of categories of  
15          available resources of the NAIRR, categories of sources  
16          of such resources of the NAIRR, and issues related to  
17          resources of the NAIRR.

18          “(b) RESOURCES OF THE NAIRR.—The NAIRR shall  
19          offer resources that include, at a minimum, all of the fol-  
20          lowing, subject to the availability of appropriations:

21           “(1) A mix of computational resources that shall  
22          include—

23            “(A) on-premises, cloud-based, hybrid, and  
24          emergent resources;

1           “(B) public cloud providers providing ac-  
2         cess to popular computational and storage serv-  
3         ices for NAIRR users;

4           “(C) an open source software environment  
5         for the NAIRR; and

6           “(D) an application programming interface  
7         providing structured access to artificial intel-  
8         ligence models.

9           “(2) Data, including by—

10           “(A)(i) in coordination with the National  
11         Institute of Standards and Technology and con-  
12         sistent with the guidance of the National Science  
13         and Technology Council titled ‘Desirable Charac-  
14         teristics of Data Repositories for Federally  
15         Funded Data,’ dated May 2022, or any successor  
16         document, publishing interoperability standards  
17         for data repositories based on the data sharing  
18         and documentation standards and guidelines  
19         produced under section 22A of the National In-  
20         stitute of Standards and Technology Act (15  
21         U.S.C. 278h-1); and

22           “(ii) selecting and developing, through a  
23         competitive bidding process, data repositories to  
24         be available to NAIRR users;

1               “(B) establishing acceptable criteria for  
2 datasets used as resources of the NAIRR;

3               “(C) identifying and providing access to ex-  
4 isting curated datasets of value and interest to  
5 the NAIRR user community;

6               “(D) establishing an artificial intelligence  
7 open data commons to facilitate community  
8 sharing and curation of data, code, and models;  
9 and

10              “(E) coordinating with the Interagency  
11 Council on Statistical Policy to explore options  
12 to make Federal statistical data available to  
13 NAIRR users, including through the standard  
14 application process established under section  
15 3583(a) of title 44, United States Code.

16              “(3) Educational tools and services, including  
17 by—

18              “(A) facilitating and curating educational  
19 and training materials;

20              “(B) providing technical training and user  
21 support; and

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

1           “(4) AI testbeds and high-performance computing testbeds, including by—

3               “(A) in coordination with the National Institute of Standards and Technology, facilitating  
4               access to artificial intelligence testbeds through  
5               which researchers can measure, benchmark, test,  
6               or evaluate engineering or algorithmic developments; and

9               “(B) developing a comprehensive catalog of  
10              open AI testbeds.

11 **“SEC. 5604. NAIRR PROCESSES AND PROCEDURES.**

12           “(a) *USER ELIGIBILITY.*—

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

16               “(A) A researcher, educator, or student  
17               based in the United States that is affiliated with  
18               an entity described in paragraph (2).

19               “(B) An employee of an entity described in  
20               clause (iii) or (iv) of paragraph (2)(B) with a  
21               demonstrable mission-need.

22               “(2) *ENTITIES DESCRIBED.*—An entity described  
23               in this paragraph is an entity that—

24               “(A) is based in the United States; and

25               “(B) is one of the following:

1                   “(i) An institution of higher education.

2                   “(ii) A nonprofit institution (as such  
3                   term is defined in section 4 of the Steven-  
4                   son-Wydler Technology Innovation Act of  
5                   1980 (15 U.S.C. 3703)).

6                   “(iii) An Executive agency, Congress,  
7                   an agency of the legislative branch, or an  
8                   agency of the judicial branch.

9                   “(iv) A federally funded research and  
10                  development center.

11                  “(v) A small business concern (as such  
12                  term is defined in section 3 of the Small  
13                  Business Act (15 U.S.C. 632), notwithstanding section 121.103 of title 13, Code of  
14                  Federal Regulations) that has received funding  
15                  from an Executive agency, including through the Small Business Innovation Research Program or the Small Business Technology Transfer Program (as described in section 9 of the Small Business Act (15 U.S.C. 638)).

22                  “(vi) A category of entity that the Director of the National Science Foundation  
23                  and the Director of the Office of Science and  
24

1           *Technology Policy determine shall be eligi-*  
2           *ble.*

3           “(vii) *A consortium composed of enti-*  
4           *ties described in clauses (i) through (vi).*

5           “(3) *EXCLUDED ENTITIES.—*

6           “(A) *IN GENERAL.—No individual is au-*  
7           *thorized to be an eligible user under paragraph*  
8           *(1) if the individual is employed by a foreign*  
9           *country that is listed in section 4872(d)(2) of*  
10          *title 10, United States Code, or is otherwise au-*  
11          *thorized by such country to act for or on its be-*  
12          *half.*

13          “(B) *ENFORCEMENT.—The Director of the*  
14          *National Science Foundation shall ensure that*  
15          *individuals authorized as eligible users meet the*  
16          *requirements of subparagraph (A).*

17          “(4) *USER ACCESS SELECTION.—The head of the*  
18          *Program Management Office, acting through the Di-*  
19          *rector of the Operating Entity, shall establish an ap-*  
20          *plication process for eligible users to request access to*  
21          *the NAIRR.*

22          “(b) *PRIVACY, ETHICS, CIVIL LIBERTIES, AND TRUST-*  
23          *WORTHINESS.—*

24          “(1) *IN GENERAL.—*

1                 “(A) *REQUIREMENTS.*—The head of the  
2                 *Program Management Office, acting through the*  
3                 *Director of the Operating Entity and in con-*  
4                 *sultation with any relevant Advisory Committee,*  
5                 *shall establish requirements, a review process for*  
6                 *applications, and a process for auditing re-*  
7                 *sources of the NAIRR and research conducted*  
8                 *using resources of the NAIRR on matters related*  
9                 *to privacy, ethics, civil rights and civil liberties,*  
10                 *safety, security, and trustworthiness of artificial*  
11                 *intelligence systems developed using resources of*  
12                 *the NAIRR.*

13                 “(B) *FEDERAL STATISTICAL DATA.*—Any  
14                 *auditing process required under subparagraph*  
15                 *(A) for Federal statistical data included in a re-*  
16                 *source of the NAIRR shall be completed by the*  
17                 *head of a designated statistical agency (as de-*  
18                 *fined in section 3576(e) of title 44, United States*  
19                 *Code), in coordination with the Chief Statisti-*  
20                 *cian of the United States, consistent with rel-*  
21                 *evant law.*

22                 “(2) *CONSISTENCY.*—The head of the Program  
23                 *Management Office shall ensure the requirements and*  
24                 *processes described in paragraph (1) are consistent*  
25                 *with the policies of the Office of Management and*

1       *Budget policy and relevant policies of other Executive  
2       agencies. The head of the Program Management Office  
3       shall coordinate with the Senior Agency Official for  
4       Privacy and the General Counsel of the National  
5       Science Foundation in ensuring compliance with ap-  
6       plicable privacy law and policy and Federal laws  
7       and regulations.*

8       “(c) *SYSTEM SECURITY AND USER ACCESS CON-  
9       TROLS.*—*The head of the Program Management Office, act-  
10      ing through the Director of the Operating Entity and in  
11      consultation with the Director of the Office of Management  
12      and Budget, the Director of the National Institute of Stand-  
13      ards and Technology, and the Director of the Cybersecurity  
14      and Infrastructure Security Agency—*

15           “(1) *shall establish minimum security require-  
16      ments for all persons interacting with the NAIRR,  
17      consistent with the most recent version of the Cyberse-  
18      curity Framework, or successor document, maintained  
19      by the National Institute of Standards and Tech-  
20      nology; and*

21           “(2) *may establish tiers of security requirements  
22      and user access controls beyond the minimum require-  
23      ments relative to security risks.*

24       “(d) *FEESCHEDULE.*—

1           “(1) *IN GENERAL.*—The head of the Program  
2     Management Office, acting through the Director of the  
3     Operating Entity, may establish a fee schedule for ac-  
4     cess to the NAIRR. The Operating Entity may only  
5     charge fees in such fee schedule. Such fee schedule—

6               “(A) may differ by type of eligible user and  
7     type of affiliated entity described in subsection  
8     (a);

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

12               “(C) may include cost-based charges for eli-  
13     gible users to purchase resources of the NAIRR  
14     beyond the resources included in a free or sub-  
15     sidized tier; and

16               “(D) shall ensure that the primary purpose  
17     of the NAIRR is to support research.

18           “(2) *RETENTION AND USE OF FUNDS.*—

19               “(A) *RETAINING OF FUNDS.*—Notwith-  
20     standing section 3302 of title 31, United States  
21     Code, the head of the Program Management Of-  
22     fice may retain fees collected under this sub-  
23     section.

24               “(B) *AVAILABILITY AND USE OF FUNDS.*—  
25     Amounts retained under subparagraph (A)—

1                   “(i) shall remain available until ex-  
2                   pended; and

3                   “(ii) shall be available to the head of  
4                   the Program Management Office, without  
5                   further appropriation, for the purposes of  
6                   this title.

7                 “(e) RESEARCH SECURITY.—The head of the Program  
8                   Management Office, acting through the Director of the Op-  
9                   erating Entity, shall—

10                 “(1) ensure conformance with the requirements of  
11                   National Security Presidential Memorandum–33 (re-  
12                   lating to supported research and development na-  
13                   tional policy), issued January 2021, and its imple-  
14                   mentation guidance on research security and research  
15                   integrity, or any successor policy document or guid-  
16                   ance, by establishing NAIRR operating principles  
17                   that emphasize the research integrity principles of  
18                   openness, reciprocity, and transparency; and

19                 “(2) designate a member of the leadership team  
20                   for the Operating Entity as a research security point  
21                   of contact with responsibility for overseeing conform-  
22                   ance with the National Security Presidential Memo-  
23                   randum–33 and its implementation guidance, or any  
24                   successor policy document or guidance.

1       “(f) OPEN SOURCE.—The head of the Program Man-  
2 agement Office, acting through the Director of the Oper-  
3 ating Entity, shall establish policies to encourage software  
4 developed to administer the NAIRR, and software developed  
5 using resources of the NAIRR, to be open-source software.”.

6       (b) CONFORMING AMENDMENTS.—The table of contents  
7 in section 2(b) of the William M. (Mac) Thornberry Na-  
8 tional Defense Authorization Act for Fiscal Year 2021 (Pub-  
9 lic Law 116–283; 134 Stat. 3388) is amended by inserting  
10 after the items relating to title LV the following:

**“TITLE LVI—NATIONAL ARTIFICIAL INTELLIGENCE RESEARCH  
RESOURCE**

“Sec. 5601. Definitions.  
“Sec. 5602. Establishment; governance.  
“Sec. 5603. Resources of the NAIRR.  
“Sec. 5604. NAIRR processes and procedures.”.



**Calendar No. 721**

118TH CONGRESS  
2D SESSION      **S. 2714**

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**A BILL**

To establish the National Artificial Intelligence Research Resource, and for other purposes.

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DECEMBER 17 (legislative day, DECEMBER 16), 2024

Reported with an amendment