

AMENDMENT NO. \_\_\_\_\_ Calendar No. \_\_\_\_\_

Purpose: In the nature of a substitute.

**IN THE SENATE OF THE UNITED STATES—118th Cong., 1st Sess.**

**S. 1564**

To require the Director of the Office of Personnel Management to establish, or otherwise ensure the provision of, a training program on artificial intelligence for Federal management officials and supervisors, and for other purposes.

Referred to the Committee on \_\_\_\_\_ and  
ordered to be printed

Ordered to lie on the table and to be printed

AMENDMENT IN THE NATURE OF A SUBSTITUTE intended  
to be proposed by Mr. PETERS

Viz:

1 Strike all after the enacting clause and insert the fol-  
2 lowing:

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Artificial Intelligence  
5 Leadership Training Act” or the “AI Leadership Training  
6 Act”.

7 **SEC. 2. ARTIFICIAL INTELLIGENCE LEADERSHIP TRAINING**  
8 **PROGRAM.**

9 (a) **DEFINITIONS.**—In this section:

1           (1) AI.—The term “AI” has the meaning given  
2           the term “artificial intelligence” in section 238(g) of  
3           the John S. McCain National Defense Authorization  
4           Act for Fiscal year 2019 (10 U.S.C. 2358 note).

5           (2) COVERED EMPLOYEE.—The term “covered  
6           employee” means—

7                   (A) a management official;

8                   (B) a supervisor; or

9                   (C) any other employee of an executive  
10           agency—

11                   (i) as determined appropriate by the  
12           Director for the purposes of this section;

13                   or

14                   (ii) who is designated by the head of  
15           that executive agency to participate in the  
16           Program.

17           (3) DIRECTOR.—The term “Director” means  
18           the Director of the Office of Personnel Management.

19           (4) EXECUTIVE AGENCY.—The term “executive  
20           agency” has the meaning given the term in section  
21           133 of title 41, United States Code.

22           (5) MANAGEMENT OFFICIAL; SUPERVISOR.—  
23           The terms “management official” and “supervisor”  
24           have the meanings given those terms in section  
25           7103(a) of title 5, United States Code.

1           (6) PROGRAM.—The term “Program” means  
2           the AI leadership training program established and  
3           implemented (or the provision of which is otherwise  
4           ensured) by the Director under subsection (b)(1).

5           (b) PROGRAM.—

6           (1) IN GENERAL.—

7           (A) ESTABLISHMENT OF PROGRAM.—Not  
8           later than 18 months after the date of enact-  
9           ment of this Act, the Director, in consultation  
10          with any other person determined relevant by  
11          the Director, shall develop and implement (or  
12          otherwise ensure the provision of) an AI leader-  
13          ship training program for covered employees,  
14          under which training in accordance with the re-  
15          quirements of this section shall be provided to  
16          covered employees on an annual basis.

17          (B) INCORPORATION OF EXISTING TRAIN-  
18          ING PERMITTED.—For the purposes of subpara-  
19          graph (A), the Director may include executive  
20          agency or other training that the Director de-  
21          termines is relevant to providing the informa-  
22          tion required under paragraph (3).

23          (2) PURPOSE.—The purpose of the Program  
24          shall be to ensure that covered employees have  
25          knowledge regarding—

1 (A) the capabilities and risks associated  
2 with AI;

3 (B) safety and ethical issues relating to  
4 AI;

5 (C) Federal Government requirements and  
6 best practices with respect to AI, such as with  
7 respect to the procurement, use, testing, evalua-  
8 tion, and auditing of AI capabilities; and

9 (D) other matters relating to requirements  
10 for the development and use of AI within and  
11 by the Federal Government.

12 (3) TOPICS.—At a minimum, the Program shall  
13 include information relating to—

14 (A) what AI is and how AI works;

15 (B) introductory concepts regarding, and  
16 features of, different types of AI;

17 (C) the benefits offered, and the risks  
18 posed, by AI;

19 (D) the role of data in AI systems and the  
20 risks of not using sufficiently representative  
21 training data in those systems, including risks  
22 relating to bias;

23 (E) the ways in which AI can fail;

1 (F) the need for continuous refinement of  
2 AI as part of the development and deployment  
3 of AI;

4 (G) ways to mitigate the risks of AI, in-  
5 cluding through efforts to create and identify  
6 AI that is reliable, safe, and trustworthy;

7 (H) organizational considerations for the  
8 development and deployment of AI, including  
9 necessary norms and practices, workforce train-  
10 ing, and specific use cases;

11 (I) the risks that the use by the Federal  
12 Government of AI, including by using AI to en-  
13 gage in censorship and conduct surveillance,  
14 poses to the First and Fourth Amendments to  
15 the Constitution of the United States; and

16 (J) the risk of developer bias with respect  
17 to AI.

18 (4) UPDATES.—Not less frequently than once  
19 every 2 years after the date on which the Director  
20 develops and implements (or otherwise ensures the  
21 provision of) the Program under paragraph (1), the  
22 Director shall update the Program to—

23 (A) incorporate new information relating  
24 to AI; and

1           (B) ensure that the Program continues to  
2           satisfy the requirements under paragraph (3)  
3           and any other requirements determined by the  
4           Director.

5           (5) METRICS.—The Director shall establish the  
6           means by which to—

7           (A) understand and measure the participa-  
8           tion of covered employees in the Program; and

9           (B) receive and consider feedback from  
10          participants in the Program so as to improve  
11          the Program through updates implemented  
12          under paragraph (4).

13          (6) CONGRESSIONAL REQUESTS.—

14          (A) IN GENERAL.—Congress may request  
15          from the Director information regarding the  
16          materials used to carry out the Program, in-  
17          cluding—

18                 (i) a bibliography of written materials  
19                 used to carry out the Program;

20                 (ii) the name of the responsible senior  
21                 executive; and

22                 (iii) the name of each organization  
23                 that developed or carried out any part of  
24                 the Program.

1                   (B) DEADLINE FOR PROVISION OF INFOR-  
2                   MATION.—Not later than 14 days after the date  
3                   on which the Director receives a request sub-  
4                   mitted under subparagraph (A), the Director  
5                   shall provide Congress with the information  
6                   sought in the request.

7                   (7) SENSE OF CONGRESS.—It is the sense of  
8                   Congress that the Director should ensure that train-  
9                   ing provided under the Program includes inter-  
10                  actions with technologists, scholars, and other ex-  
11                  perts, including from the private, public, and non-  
12                  profit sectors.

13                  (8) SUNSET.—Effective on the date that is 10  
14                  years after the date of enactment of this Act, this  
15                  section shall have no force or effect.