

118TH CONGRESS
1ST SESSION

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.

IN THE SENATE OF THE UNITED STATES

MAY 11, 2023

Mr. PETERS (for himself and Mr. BRAUN) introduced the following bill; which was read twice and referred to the Committee on Homeland Security and Governmental Affairs

A BILL

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.

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 “Artificial Intelligence
5 Leadership Training Act” or the “AI Leadership Training
6 Act”.

1 **SEC. 2. ARTIFICIAL INTELLIGENCE LEADERSHIP TRAINING**
2 **PROGRAM.**

3 (a) DEFINITIONS.—In this section:

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

8 (2) COVERED EMPLOYEE.—The term “covered
9 employee” means—

10 (A) a management official;

11 (B) a supervisor; or

12 (C) any other employee of an executive
13 agency—

14 (i) as determined appropriate by the
15 Director for the purposes of this section;
16 or

17 (ii) who is designated by the head of
18 that executive agency to participate in the
19 Program.

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

22 (4) EXECUTIVE AGENCY.—The term “executive
23 agency” has the meaning given the term in section
24 133 of title 41, United States Code.

25 (5) MANAGEMENT OFFICIAL; SUPERVISOR.—
26 The terms “management official” and “supervisor”

1 have the meanings given those terms in section
2 7103(a) of title 5, United States Code.

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

7 (b) PROGRAM.—

8 (1) IN GENERAL.—

9 (A) ESTABLISHMENT OF PROGRAM.—Not
10 later than 1 year after the date of enactment of
11 this Act, the Director, in consultation with any
12 other person determined relevant by the Direc-
13 tor, shall develop and implement (or otherwise
14 ensure the provision of) an AI leadership train-
15 ing program for covered employees, under
16 which training in accordance with the require-
17 ments of this section shall be provided to cov-
18 ered employees on an annual basis.

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

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

4 (A) the capabilities and risks associated
5 with AI;

6 (B) safety and ethical issues relating to
7 AI;

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

12 (D) other matters relating to requirements
13 for the development and use of AI within and
14 by the Federal Government.

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

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

18 (B) introductory concepts regarding, and
19 features of, different types of AI;

20 (C) the benefits offered, and the risks
21 posed, by AI;

22 (D) the role of data in AI systems and the
23 risks of not using sufficiently representative
24 training data in those systems;

25 (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, trustworthy, and fair;
7 and

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

12 (4) UPDATES.—Not less frequently than once
13 every 2 years after the date on which the Director
14 develops and implements (or otherwise ensures the
15 provision of) the Program under paragraph (1), the
16 Director shall update the Program to—

17 (A) incorporate new information relating
18 to AI; and

19 (B) ensure that the Program continues to
20 satisfy the requirements under paragraph (3)
21 and any other requirements determined by the
22 Director.

23 (5) METRICS.—The Director shall establish a
24 means by which to—

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

3 (B) receive and consider feedback from
4 participants in the Program so as to improve
5 the Program through updates implemented
6 under paragraph (4).

7 (6) 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 from the private, public, and nonprofit sectors.

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

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