

117TH CONGRESS
1ST SESSION

S. 2551

To require the Director of the Office of Management and Budget to establish or otherwise provide an artificial intelligence training program for the acquisition workforce, and for other purposes.

IN THE SENATE OF THE UNITED STATES

JULY 29, 2021

Mr. PETERS (for himself and Mr. PORTMAN) 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 Management and Budget to establish or otherwise provide an artificial intelligence training program for the acquisition workforce, 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 Training for the Acquisition Workforce Act” or the “AI
6 Training Act”.

7 **SEC. 2. ARTIFICIAL INTELLIGENCE TRAINING PROGRAMS.**

8 (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) AI TRAINING PROGRAM.—The term “AI
6 training program” means the training program es-
7 tablished under subsection (b)(1).

8 (3) COVERED WORKFORCE.—The term “covered
9 workforce” means—

10 (A) employees of an executive agency who
11 are responsible for—

12 (i) program management;

13 (ii) the planning, research, develop-
14 ment, engineering, testing, and evaluation
15 of systems, including quality control and
16 assurance;

17 (iii) procurement and contracting;

18 (iv) logistics; or

19 (v) cost estimating; and

20 (B) other personnel of an executive agency
21 designated by the head of the executive agency
22 to participate in the AI training program.

23 (4) DIRECTOR.—The term “Director” means
24 the Director of the Office of Management and Budg-
25 et.

1 (5) EXECUTIVE AGENCY.—The term “executive
2 agency”—

3 (A) has the meaning given the term in sec-
4 tion 133 of title 41, United States Code; and

5 (B) does not include the Department of
6 Defense or a component of the Department of
7 Defense.

8 (b) REQUIREMENT.—

9 (1) IN GENERAL.—Not later than 1 year after
10 the date of enactment of this Act, and not less fre-
11 quently than annually thereafter, the Director, in co-
12 ordination with the Administrator of General Serv-
13 ices and any other person determined relevant by the
14 Director, shall develop and implement or otherwise
15 provide an AI training program for the covered
16 workforce.

17 (2) PURPOSE.—The purpose of the AI training
18 program shall be to ensure that the covered work-
19 force has knowledge of the capabilities and risks as-
20 sociated with AI.

21 (3) TOPICS.—The AI training program shall in-
22 clude information relating to—

23 (A) the science underlying artificial intel-
24 ligence, including how artificial intelligence
25 works;

1 (B) introductory concepts relating to the
2 technological features of artificial intelligence
3 systems;

4 (C) the ways in which artificial intelligence
5 can benefit the Federal Government;

6 (D) the risks posed by artificial intel-
7 ligence, including discrimination and risks to
8 privacy;

9 (E) ways to mitigate the risks described in
10 subparagraph (D), including efforts to create
11 and identify artificial intelligence that is reli-
12 able, safe, and trustworthy; and

13 (F) future trends in artificial intelligence,
14 including trends for homeland and national se-
15 curity and innovation.

16 (4) UPDATES.—Not less frequently than once
17 every 2 years, the Director shall update the AI
18 training program to—

19 (A) incorporate new information relating
20 to AI; and

21 (B) ensure that the AI training program
22 continues to satisfy the requirements under
23 paragraph (3).

1 (5) FORMAT.—The Director is encouraged to
2 develop and implement or otherwise include under
3 the AI training program interactive learning with—

4 (A) technologists;

5 (B) scholars; and

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

8 (6) METRICS.—The Director shall ensure the
9 existence of a means by which to—

10 (A) understand and measure the participa-
11 tion of the covered workforce; and

12 (B) receive and consider feedback from
13 participants in the AI training program to im-
14 prove the AI training program.

15 (7) SUNSET.—Effective 10 years after the date
16 of enactment of this Act, this section shall have no
17 force or effect.

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