

**Calendar No. 142**117<sup>TH</sup> CONGRESS  
1<sup>ST</sup> SESSION**S. 2551****[Report No. 117–40]**

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.

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**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

OCTOBER 5, 2021

Reported by Mr. PETERS, without amendment

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**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,*

1 **SECTION 1. SHORT TITLE.**

2 This Act may be cited as the “Artificial Intelligence  
3 Training for the Acquisition Workforce Act” or the “AI  
4 Training Act”.

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

6 (a) DEFINITIONS.—In this section:

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

11 (2) AI TRAINING PROGRAM.—The term “AI  
12 training program” means the training program es-  
13 tablished under subsection (b)(1).

14 (3) COVERED WORKFORCE.—The term “covered  
15 workforce” means—

16 (A) employees of an executive agency who  
17 are responsible for—

18 (i) program management;

19 (ii) the planning, research, develop-  
20 ment, engineering, testing, and evaluation  
21 of systems, including quality control and  
22 assurance;

23 (iii) procurement and contracting;

24 (iv) logistics; or

25 (v) cost estimating; and

1 (B) other personnel of an executive agency  
2 designated by the head of the executive agency  
3 to participate in the AI training program.

4 (4) DIRECTOR.—The term “Director” means  
5 the Director of the Office of Management and Budget.  
6 et.

7 (5) EXECUTIVE AGENCY.—The term “executive  
8 agency”—

9 (A) has the meaning given the term in section  
10 133 of title 41, United States Code; and

11 (B) does not include the Department of  
12 Defense or a component of the Department of  
13 Defense.

14 (b) REQUIREMENT.—

15 (1) IN GENERAL.—Not later than 1 year after  
16 the date of enactment of this Act, and not less frequently  
17 than annually thereafter, the Director, in coordination  
18 with the Administrator of General Services and any other person  
19 determined relevant by the Director, shall develop and implement  
20 or otherwise provide an AI training program for the covered  
21 workforce.  
22

23 (2) PURPOSE.—The purpose of the AI training  
24 program shall be to ensure that the covered work-

1 force has knowledge of the capabilities and risks as-  
2 sociated with AI.

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

5 (A) the science underlying artificial intel-  
6 ligence, including how artificial intelligence  
7 works;

8 (B) introductory concepts relating to the  
9 technological features of artificial intelligence  
10 systems;

11 (C) the ways in which artificial intelligence  
12 can benefit the Federal Government;

13 (D) the risks posed by artificial intel-  
14 ligence, including discrimination and risks to  
15 privacy;

16 (E) ways to mitigate the risks described in  
17 subparagraph (D), including efforts to create  
18 and identify artificial intelligence that is reli-  
19 able, safe, and trustworthy; and

20 (F) future trends in artificial intelligence,  
21 including trends for homeland and national se-  
22 curity and innovation.

23 (4) UPDATES.—Not less frequently than once  
24 every 2 years, the Director shall update the AI  
25 training program to—

1 (A) incorporate new information relating  
2 to AI; and

3 (B) ensure that the AI training program  
4 continues to satisfy the requirements under  
5 paragraph (3).

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

9 (A) technologists;

10 (B) scholars; and

11 (C) other experts from the private, public,  
12 and nonprofit sectors.

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

15 (A) understand and measure the participa-  
16 tion of the covered workforce; and

17 (B) receive and consider feedback from  
18 participants in the AI training program to im-  
19 prove the AI training program.

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

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