118TH CONGRESS
1ST SESSION

H. R. 4503

To amend the Artificial Intelligence Training for the Acquisition Workforce Act to expand AI training within the executive branch of the Federal Government, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

JULY 10, 2023

Ms. MACE (for herself and Mr. CONNOLLY) introduced the following bill; which was referred to the Committee on Oversight and Accountability

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A BILL

To amend the Artificial Intelligence Training for the Acquisition Workforce Act to expand AI training within the executive branch of the Federal Government, 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 ''AI Training Expansion

5 Act of 2023''.

SEC. 2. EXPANSION OF AI TRAINING WITHIN THE EXECU-
TIVE BRANCH OF THE FEDERAL GOVERN-
MENT.

(a) IN GENERAL.—Section 2 of the Artificial Intel-
ligence Training for the Acquisition Workforce Act (Public
Law 117–207; 41 U.S.C. 1703 note) is amended—

(1) in subsection (a)—

(A) by redesignating paragraphs (1), (2),
(3), (4), and (5), as (2), (3), (4), (6), and (7),
respectively;

(B) by inserting before paragraph (2), as
so redesignated, the following:

"(1) ACQUISITION POSITION.—The term 'acqui-
sition position' means any position listed in sub-
section (g)(1)(A) of section 1703 of title 41, United
States Code.";

(C) in paragraph (4), as so redesignated—

(i) by striking subparagraph (A);

(ii) by redesignating subparagraph
(B) as subparagraph (E); and

(iii) inserting before subparagraph
(E), as so redesignated, the following:

"(A) an employee of an executive agency
serving in an acquisition position;

"(B) a management official;

"(C) a supervisor;

1   ''(D) an employee serving in a data or

2   technology position; and'';

3   (D) inserting before paragraph (6), as so

4   redesignated, the following:

5   ''(7) DATA OR TECHNOLOGY POSITION.—The

6 term 'data or technology position' means a position

7 that is classified to an occupational series within the

8 Mathematical Sciences Group or to the Information

9 Technology Group identified by the Office of Per-

10 sonnel Management.''; and

11   (E) by adding at the end the following:

12   ''(8) MANAGEMENT OFFICIAL.—The term 'man-

13 agement official' has the meaning given the term in

14 section 7103(a) of title 5, United States Code.

15   ''(9) SUPERVISOR.—The term 'supervisor' has

16 the meaning given the term in section 7103(a) of

17 title 5, United States Code.''; and

18   (2) in subsection (b)—

19   (A) in paragraph (1)—

20   (i) by striking ''(1) IN GENERAL.—

21   Not'' and inserting the following:

22   ''(1) IN GENERAL.—

23   ''(A) ESTABLISHMENT OF PRO-

24   GRAM.—Not''; and

1   (ii) by adding at the end the fol-

2   lowing:

3   "(B) INCORPORATION OF EXISTING TRAIN-

4   ING PERMITTED.—For the purposes of subpara-

5   graph (A), the Director may incorporate the AI

6   training program described under subparagraph

7   (A) into any other training program that the

8   Director determines relevant to providing the

9   information required under paragraph (3), in-

10   cluding training programs offered under section

11   4103 of title 5, United States Code.";

12   (B) in paragraph (2), by striking "knowl-

13   edge" and all that follows through the period at

14   the end and inserting the following: "knowledge

15   regarding—

16   "(A) the capabilities and risks associated

17   with AI; and

18   "(B) requirements and best practices es-

19   tablished by the Director with respect to AI.";

20   (C) by amending paragraph (3) to read as

21   follows:

22   "(3) TOPICS.—The AI training program shall

23   include, at a minimum, information relating to—

24   "(A) what AI is and how AI works;

1   "(B) introductory concepts relating to the

2   technological features of AI;

3   "(C) any potential benefits and risks posed

4   by AI, including any potential benefits and

5   risks posed to the Federal Government;

6   "(D) the role of data in developing and op-

7   erating AI models and systems;

8   "(E) ways to mitigate the risks AI systems

9   pose to the Federal Government; and

10   "(F) what executive agencies should con-

11   sider in developing, deploying, and managing of

12   AI systems by executive agencies.";

13   (D) in paragraph (4)—

14   (i) in subparagraph (A), by striking ";

15   and" and inserting a semicolon;

16   (ii) in subparagraph (B), by striking

17   the period at the end and inserting ";

18   and"; and

19   (iii) by adding at the end the fol-

20   lowing:

21   "(C) incorporate any feedback from par-

22   ticipants received under paragraph (6)."; and

23   (E) in paragraph (6)—

1   (i) in the matter preceding subpara-
2   graph (A), by striking "ensure the exist-
3   ence of" and insert "establish"; and
4   (ii) in subparagraph (B), by inserting
5   "through any update to such program
6   under paragraph (4)" before the period at
7   the end.
8   (b) AMENDMENT TO SHORT TITLE OF ARTIFICIAL
9 INTELLIGENCE TRAINING FOR THE ACQUISITION WORK-
10 FORCE ACT.—
11   (1) IN GENERAL.—Section 1 of the Artificial
12   Intelligence Training for the Acquisition Workforce
13   Act (Public Law 117–207; 41 U.S.C. 1703 note) is
14   amended by striking "'for the Acquisition Work-
15   force'".
16   (2) RULE OF CONSTRUCTION.—Any reference
17   in law, regulation, document, paper, or other record
18   to the Artificial Intelligence Training for the Acqui-
19   sition Workforce Act shall be construed as referring
20   to the Artificial Intelligence Training Act.

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