

118TH CONGRESS
2D SESSION

H. R. 7381

To direct the Director of the National Institutes of Health to establish a grant program to facilitate research regarding the use of generative artificial intelligence in health care, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

FEBRUARY 15, 2024

Mr. LIEU introduced the following bill; which was referred to the Committee on Energy and Commerce

A BILL

To direct the Director of the National Institutes of Health to establish a grant program to facilitate research regarding the use of generative artificial intelligence in health care, 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 “Healthcare Enhance-
5 ment And Learning Through Harnessing Artificial Intel-
6 ligence Act” or the “HEALTH AI Act”.

1 **SEC. 2. GRANTS TO PERFORM RESEARCH REGARDING THE**
2 **USE OF GENERATIVE ARTIFICIAL INTEL-**
3 **LIGENCE IN HEALTH CARE.**

4 (a) **IN GENERAL.**—The Director of the National In-
5 stitutes of Health shall establish a grant program to
6 award grants to eligible entities to perform research re-
7 garding the use of generative artificial intelligence in
8 health care.

9 (b) **PERMISSIBLE RESEARCH.**—Research funded pur-
10 suant to a grant under this section may include research
11 regarding the use of generative artificial intelligence to—

12 (1) improve the ability of health care practi-
13 tioners to record comprehensive notes or ask medi-
14 cally relevant questions during an appointment with
15 a patient;

16 (2) reduce the administrative or documentation
17 burden on clinicians;

18 (3) expedite the health insurance claims proc-
19 ess;

20 (4) improve the efficiency and quality of cus-
21 tomer service in the health care sector; or

22 (5) otherwise improve health care, as deter-
23 mined appropriate by the Director.

24 (c) **PRIORITY.**—In awarding grants under this sec-
25 tion, the Director of the National Institutes of Health
26 shall give priority to eligible entities that—

1 (1) encourage the adoption and deployment of
2 generative artificial intelligence across the health
3 care sector;

4 (2) invest in workforce development of clinicians
5 and administrators;

6 (3) mitigate burnout in the health care work-
7 force;

8 (4) reduce gender, racial, and ethnic disparities
9 in health outcomes; or

10 (5) improve the availability of patient care for
11 members of a medically underserved population.

12 (d) DEFINITIONS.—In this section:

13 (1) ARTIFICIAL INTELLIGENCE.—The term “ar-
14 tificial intelligence” has the meaning given such
15 term in section 5002 of the National Artificial Intel-
16 ligence Initiative Act of 2020 (15 U.S.C. 9401).

17 (2) ELIGIBLE ENTITY.—The term “eligible enti-
18 ty” means—

19 (A) an institution of higher education has
20 the meaning given that term in section 101 of
21 the Higher Education Act of 1965 (20 U.S.C.
22 1001);

23 (B) a nonprofit organization, as that term
24 is defined in section 501(c)(3) of the Internal
25 Revenue Code of 1986 (26 U.S.C. 501(c)(3))

1 and exempt from tax under section 501(a) of
2 such Code; or

3 (C) an agency of—

4 (i) the Federal Government;

5 (ii) a State;

6 (iii) a unit of local government; or

7 (iv) an Indian Tribe.

8 (3) GENERATIVE ARTIFICIAL INTELLIGENCE.—

9 The term “generative artificial intelligence” means
10 artificial intelligence that, in response to a prompt,
11 uses data to produce text, media, computer code, or
12 other content.

13 (4) MEDICALLY UNDERSERVED POPULATION.—

14 The term “medically underserved population” has
15 the meaning given such term in section 330(b) of
16 the Public Health Service Act (42 U.S.C. 254b(b)).

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