

119TH CONGRESS  
1ST SESSION

# H. R. 5045

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

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## IN THE HOUSE OF REPRESENTATIVES

AUGUST 26, 2025

Mr. LIEU (for himself and Mr. BERA) introduced the following bill; which was referred to the Committee on Energy and Commerce

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## A BILL

To direct the Secretary of Health and Human Services 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 Secretary of Health and  
5 Human Services shall establish a grant program to award  
6 grants to eligible entities to perform research regarding  
7 the use of generative artificial intelligence in health care.

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

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

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

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

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

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

23 (c) PRIORITY.—In awarding grants under this sec-  
24 tion, the Secretary shall give priority to eligible entities  
25 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 (as  
20           defined in section 101 of the Higher Education  
21           Act of 1965 (20 U.S.C. 1001));

22           (B) an organization described in section  
23           501(c)(3) of the Internal Revenue Code of 1986  
24           (26 U.S.C. 501(c)(3)) and exempt from tax  
25           under section 501(a) of such Code; and

- 1 (C) an agency of—  
2 (i) the Federal Government;  
3 (ii) a State;  
4 (iii) a unit of local government; or  
5 (iv) an Indian Tribe.

6 (3) GENERATIVE ARTIFICIAL INTELLIGENCE.—

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

11 (4) MEDICALLY UNDERSERVED POPULATION.—

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

15 (5) SECRETARY.—The term “Secretary” means  
16 the Secretary of Health and Human Services.

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