

AMENDMENT NO. \_\_\_\_\_ Calendar No. \_\_\_\_\_

Purpose: In the nature of a substitute.

**IN THE SENATE OF THE UNITED STATES—117th Cong., 1st Sess.**

**S. 2305**

To enhance cybersecurity education.

Referred to the Committee on \_\_\_\_\_ and  
ordered to be printed

Ordered to lie on the table and to be printed

AMENDMENT IN THE NATURE OF A SUBSTITUTE intended  
to be proposed by \_\_\_\_\_

Viz:

1 Strike all after the enacting clause and insert the fol-  
2 lowing:

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Cybersecurity Oppor-  
5 tunity Act”.

6 **SEC. 2. DR. DAVID SATCHER CYBERSECURITY EDUCATION**  
7 **GRANT PROGRAM.**

8 (a) DEFINITIONS.—In this Act:

9 (1) ENROLLMENT OF NEEDY STUDENTS.—The  
10 term “enrollment of needy students” has the mean-  
11 ing given the term in section 312(d) of the Higher  
12 Education Act of 1965 (20 U.S.C. 1058(d)).

1           (2) HISTORICALLY BLACK COLLEGE OR UNI-  
2           VERSITY.—The term “historically Black college or  
3           university” has the meaning given the term “part B  
4           institution” as defined in section 322 of the Higher  
5           Education Act of 1965 (20 U.S.C. 1061).

6           (3) INSTITUTION OF HIGHER EDUCATION.—The  
7           term “institution of higher education” has the  
8           meaning given the term in section 101(a) of the  
9           Higher Education Act of 1965 (20 U.S.C. 1001(a)).

10          (4) MINORITY-SERVING INSTITUTION.—The  
11          term “minority-serving institution” means an insti-  
12          tution listed in section 371(a) of the Higher Edu-  
13          cation Act of 1965 (20 U.S.C. 1067q(a)).

14          (5) SECRETARY.—The term “Secretary” means  
15          the Secretary of Homeland Security.

16          (b) AUTHORIZATION OF GRANTS.—

17               (1) IN GENERAL.—The Secretary shall—

18                       (A) award grants to assist institutions of  
19                       higher education that have an enrollment of  
20                       needy students, historically Black colleges and  
21                       universities, and minority-serving institutions,  
22                       to establish or expand cybersecurity programs,  
23                       to build and upgrade institutional capacity to  
24                       better support new or existing cybersecurity  
25                       programs, including cybersecurity partnerships

1 with public and private entities, and to support  
2 such institutions on the path to producing  
3 qualified entrants in the cybersecurity work-  
4 force or becoming a National Center of Aca-  
5 demic Excellence in Cybersecurity; and

6 (B) award grants to build capacity at insti-  
7 tutions of higher education that have an enroll-  
8 ment of needy students, historically Black col-  
9 leges and universities, and minority-serving in-  
10 stitutions, to expand cybersecurity education  
11 opportunities, cybersecurity technology and pro-  
12 grams, cybersecurity research, and cybersecu-  
13 rity partnerships with public and private enti-  
14 ties.

15 (2) RESERVATION.—The Secretary shall award  
16 not less than 50 percent of the amount available for  
17 grants under this Act to historically Black colleges  
18 and universities and minority-serving institutions.

19 (3) COORDINATION.—The Secretary shall carry  
20 out this section in coordination with the National  
21 Initiative for Cybersecurity Education at the Na-  
22 tional Institute of Standards and Technology.

23 (4) SUNSET.—The Secretary's authority to  
24 award grants under paragraph (1) shall terminate

1 on the date that is 5 years after the date the Sec-  
2 retary first awards a grant under paragraph (1).

3 (5) AMOUNTS TO REMAIN AVAILABLE.—Not-  
4 withstanding section 1552 of title 31, United States  
5 Code, or any other provision of law, funds available  
6 to the Secretary for obligation for a grant under this  
7 section shall remain available for expenditure for  
8 100 days after the last day of the performance pe-  
9 riod of such grant.

10 (c) APPLICATIONS.—An eligible institution seeking a  
11 grant under subsection (a) shall submit an application to  
12 the Secretary at such time, in such manner, and con-  
13 taining such information as the Secretary may reasonably  
14 require, including a statement of how the institution will  
15 use the funds awarded through the grant to expand cyber-  
16 security education opportunities at the eligible institution.

17 (d) ACTIVITIES.—An eligible institution that receives  
18 a grant under this section may use the funds awarded  
19 through such grant for increasing research, education,  
20 technical, partnership, and innovation capacity, including  
21 for—

22 (1) building and upgrading institutional capac-  
23 ity to better support new or existing cybersecurity  
24 programs, including cybersecurity partnerships with  
25 public and private entities;

1           (2) building and upgrading institutional capaci-  
2           ty to provide hands-on research and training experi-  
3           ences for undergraduate and graduate students; and

4           (3) outreach and recruitment to ensure stu-  
5           dents are aware of such new or existing cybersecu-  
6           rity programs, including cybersecurity partnerships  
7           with public and private entities.

8           (e) REPORTING REQUIREMENTS.—Not later than—

9           (1) 1 year after the date of enactment of this  
10          Act, and annually thereafter until the Secretary sub-  
11          mits the report under paragraph (2), the Secretary  
12          shall prepare and submit to Congress a report on  
13          the status and progress of implementation of the  
14          grant program under this Act, including on the  
15          number and nature of institutions participating, the  
16          number and nature of students served by institu-  
17          tions receiving grants, the level of funding provided  
18          to grant recipients, the types of activities being  
19          funded by the grants program, and plans for future  
20          implementation and development; and

21          (2) 5 years after the date of enactment of this  
22          Act, the Secretary shall prepare and submit to Con-  
23          gress a report on the status of cybersecurity edu-  
24          cation programming and capacity-building at institu-  
25          tions receiving grants under this Act, including

1 changes in the scale and scope of these programs,  
2 associated facilities, or in accreditation status, and  
3 on the educational and employment outcomes of stu-  
4 dents participating in cybersecurity programs that  
5 have received support under this Act.

6 (f) PERFORMANCE METRICS.—The Secretary of  
7 Homeland Security shall establish performance metrics for  
8 grants awarded under this section.