

Amy Klobuchar

AMENDMENT NO. _____ Calendar No. _____

Purpose: In the nature of a substitute.

IN THE SENATE OF THE UNITED STATES—116th Cong., 1st Sess.

S. 153

To promote veteran involvement in STEM education, computer science, and scientific research, and for other purposes.

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 following:
2

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Supporting Veterans
5 in STEM Careers Act”.

6 **SEC. 2. DEFINITIONS.**

7 In this Act:

8 (1) DIRECTOR.—The term “Director” means
9 the Director of the National Science Foundation.

10 (2) FOUNDATION.—The term “Foundation”
11 means the National Science Foundation.

1 (3) STEM.—The term “STEM” has the mean-
2 ing given the term in section 2 of the America COM-
3 PETES Reauthorization Act of 2010 (42 U.S.C.
4 6621 note).

5 (4) VETERAN.—The term “veteran” has the
6 meaning given the term in section 101 of title 38,
7 United States Code.

8 **SEC. 3. SUPPORTING VETERANS IN STEM EDUCATION AND**
9 **COMPUTER SCIENCE.**

10 (a) SUPPORTING VETERAN INVOLVEMENT IN SCI-
11 ENTIFIC RESEARCH AND STEM EDUCATION.—The Di-
12 rector shall, through the research and education activities
13 of the Foundation, encourage veterans to study and pur-
14 sue careers in STEM and computer science, in coordina-
15 tion with other Federal agencies that serve veterans.

16 (b) VETERAN OUTREACH PLAN.—Not later than 180
17 days after the date of enactment of this Act, the Director
18 shall submit to the Committee on Science, Space, and
19 Technology of the House of Representatives and the Com-
20 mittee on Commerce, Science, and Transportation of the
21 Senate a plan for how the Foundation can enhance its out-
22 reach efforts to veterans. Such plan shall—

23 (1) report on the Foundation’s existing out-
24 reach activities;

1 “(C) higher education programs that serve
2 or support veterans.”;

3 (2) in subsection (b)(2)(F)—

4 (A) by striking “and students” and insert-
5 ing “, students”; and

6 (B) by inserting “, and veterans” before
7 the period at the end;

8 (3) in subsection (c)(2), by inserting “and vet-
9 erans” before the period at the end; and

10 (4) in subsection (d)(2), by inserting “and vet-
11 erans” before the period at the end.

12 (c) NATIONAL SCIENCE FOUNDATION TEACHING
13 FELLOWSHIPS AND MASTER TEACHING FELLOWSHIPS
14 UPDATE.—Section 10A(d) of the National Science Foun-
15 dation Authorization Act of 2002 (42 U.S.C. 1862n-
16 1a(d)) is amended—

17 (1) in paragraph (3)(F)—

18 (A) by striking “and individuals” and in-
19 serting “, individuals”; and

20 (B) by inserting “, and veterans” before
21 the period at the end; and

22 (2) in paragraph (4)(B), by inserting “and vet-
23 erans” before the period at the end.

24 (f) NATIONAL SCIENCE FOUNDATION COMPUTER
25 AND NETWORK SECURITY CAPACITY BUILDING GRANTS

1 UPDATE.—Section 5(a) of the Cyber Security Research
2 and Development Act (15 U.S.C. 7404(a)) is amended—

3 (1) in paragraph (1), by inserting “and stu-
4 dents who are veterans” after “these fields”; and

5 (2) in paragraph (3)—

6 (A) in subparagraph (I), by striking “and”
7 at the end;

8 (B) by redesignating subparagraph (J) as
9 subparagraph (K); and

10 (C) by inserting after subparagraph (I) the
11 following:

12 “(J) creating opportunities for veterans to
13 transition to careers in computer and network
14 security; and”.

15 (g) GRADUATE TRAINEESHIPS IN COMPUTER AND
16 NETWORK SECURITY RESEARCH UPDATE.—Section
17 5(c)(6)(C) of the Cyber Security Research and Develop-
18 ment Act (15 U.S.C. 7404(e)(6)(C)) is amended by insert-
19 ing “or veterans” after “disciplines”.

20 (h) VETERANS AND MILITARY FAMILIES STEM
21 EDUCATION INTERAGENCY WORKING GROUP.—

22 (1) IN GENERAL.—The Director of the Office of
23 Science and Technology Policy shall establish, or
24 designate, an interagency working group to improve

1 veteran and military spouse equity and representa-
2 tion in STEM fields.

3 (2) DUTIES OF INTERAGENCY WORKING
4 GROUP.—An interagency working group established
5 under paragraph (1) shall develop and facilitate the
6 implementation by participating agencies of a stra-
7 tegic plan, which shall—

8 (A) specify and prioritize short- and long-
9 term objectives;

10 (B) specify the common metrics that will
11 be used by Federal agencies to assess progress
12 toward achieving such objectives;

13 (C) identify barriers veterans face in reen-
14 tering the workforce, including a lack of formal
15 STEM education, career guidance, and the
16 process of transferring military credits and
17 skills to college credits;

18 (D) identify barriers military spouses face
19 in establishing careers in STEM fields;

20 (E) describe the approaches that each par-
21 ticipating agency will take to address adminis-
22 tratively the barriers described in subpara-
23 graphs (C) and (D); and

1 (F) identify any barriers that require Fed-
2 eral or State legislative or regulatory changes in
3 order to be addressed.

4 (3) REPORT.—The Director of the Office of
5 Science and Technology Policy shall—

6 (A) not later than 1 year after the date of
7 enactment of this Act, submit to Congress the
8 strategic plan required under paragraph (2);
9 and

10 (B) include in the annual report required
11 by section 101(d) of the America COMPETES
12 Reauthorization Act of 2010 (42 U.S.C.
13 6621(d)) a description of any progress made in
14 carrying out the activities described in para-
15 graph (2) of this subsection.

16 (4) SUNSET.—An interagency working group
17 established under paragraph (1) shall terminate on
18 the date that is 5 years after the date that it is es-
19 tablished.