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

---

IN THE SENATE OF THE UNITED STATES

JANUARY 16, 2019

Mr. RUBIO (for himself and Ms. KLOBUCHAR) introduced the following bill; which was read twice and referred to the Committee on Commerce, Science, and Transportation

---

A BILL

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

1 Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

2 SECTION 1. SHORT TITLE.

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

4 SEC. 2. DEFINITIONS.

5 In this Act:

6 (1) DIRECTOR.—The term “Director” means the Director of the National Science Foundation.
(2) FOUNDATION.—The term “Foundation” means the National Science Foundation.

(3) STEM.—The term “STEM” has the meaning given the term in section 2 of the America COMPETES Reauthorization Act of 2010 (42 U.S.C. 6621 note).

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

SEC. 3. SUPPORTING VETERANS IN STEM EDUCATION AND COMPUTER SCIENCE.

(a) SUPPORTING VETERAN INVOLVEMENT IN SCIENTIFIC RESEARCH AND STEM EDUCATION.—The Director shall, through the research and education activities of the Foundation, encourage veterans to study and pursue careers in STEM and computer science, in coordination with other Federal agencies that serve veterans.

(b) VETERAN OUTREACH PLAN.—Not later than 180 days after the date of enactment of this Act, the Director shall submit to the Committee on Science, Space, and Technology of the House of Representatives and the Committee on Commerce, Science, and Transportation of the Senate a plan for how the Foundation can enhance its outreach efforts to veterans. Such plan shall—
(1) report on the Foundation’s existing outreach activities;

(2) identify the best method for the Foundation to leverage existing authorities and programs to facilitate and support veterans in STEM careers and studies, including teaching programs; and

(3) include options for how the Foundation could track veteran participation in research and education programs of the Foundation, and describe any barriers to collecting such information.

(c) NATIONAL SCIENCE BOARD INDICATORS REPORT.—The National Science Board shall provide in its annual report on indicators of the state of science and engineering in the United States any available and relevant data on veterans in science and engineering careers or education programs.

(d) ROBERT NOYCE TEACHER SCHOLARSHIP PROGRAM UPDATE.—Section 10 of the National Science Foundation Authorization Act of 2002 (42 U.S.C. 1862n–1) is amended—

(1) in subsection (a)(5)—

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

(B) in subparagraph (B), by striking the period at the end and inserting “; and”; and
(C) by adding at the end the following:

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

(2) in subsection (b)(2)(F)—

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

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

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

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

(e) NATIONAL SCIENCE FOUNDATION TEACHING
FELLOWSHIPS AND MASTER TEACHING FELLOWSHIPS
UPDATE.—Section 10A(d) of the National Science Foun-
1a(d)) is amended—

(1) in paragraph (3)(F)—

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

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

(2) in paragraph (4)(B), by inserting “and vet-
erans” before the period at the end.
(f) **National Science Foundation Computer and Network Security Capacity Building Grants Update.**—Section 5(a) of the Cyber Security Research and Development Act (15 U.S.C. 7404(a)) is amended—

(1) in paragraph (1), by inserting “and students who are veterans” after “these fields”; and

(2) in paragraph (3)—

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

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

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

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

(g) **Graduate Traineeships in Computer and Network Security Research Update.**—Section 5(c)(6)(C) of the Cyber Security Research and Development Act (15 U.S.C. 7404(c)(6)(C)) is amended by inserting “or veterans” after “disciplines”.

(h) **Veterans and Military Families STEM Education Interagency Working Group.**—

(1) **In General.**—The Director of the Office of Science and Technology Policy shall establish an
interagency working group to coordinate Federal
programs and policies for transitioning and training
veterans and military spouses for STEM careers.

(2) Duties of interagency working
group.—The interagency working group established
under paragraph (1) shall—

(A) coordinate any Federal agency STEM
outreach activities and programs for veterans
and military spouses; and

(B) develop and facilitate the implementa-
tion by participating agencies of a strategic
plan, which shall—

(i) specify and prioritize short- and
long-term objectives;

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

(iii) identify barriers veterans face in
reentering the workforce, including a lack
of formal STEM education, career guid-
ance, and the process of transferring mili-
tary credits and skills to college credits;

(iv) identify barriers military spouses
face in establishing careers in STEM
fields;
(v) describe the approaches that each participating agency will take to address administratively the barriers described in clauses (iii) and (iv); and

(vi) identify any barriers that require Federal or State legislative or regulatory changes in order to be addressed.

(3) DUTIES OF OSTP.—The Director of the Office of Science and Technology Policy shall encourage and monitor the efforts of the Federal agencies participating in the interagency working group to ensure that the strategic plan required under paragraph (2)(B) is developed and executed effectively and that the objectives of such strategic plan are met.

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

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

(B) include in the annual report required by section 101(d) of the America COMPETES Reauthorization Act of 2010 (42 U.S.C. 6621(d)) a description of any progress made in
carrying out the activities described in paragraph (2)(B) of this subsection.

(5) SUNSET.—The interagency working group established under paragraph (1) shall terminate on the date that is 5 years after the date that it is established.