

116TH CONGRESS  
1ST SESSION

# H. R. 425

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## AN ACT

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 Representa-*  
2   *tives of the United States of America in Congress assembled,*

1 **SECTION 1. SHORT TITLE.**

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

4 **SEC. 2. DEFINITIONS.**

5       In this Act:

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

8           (2) FOUNDATION.—The term “Foundation”  
9 means the National Science Foundation.

10          (3) STEM.—The term “STEM” has the mean-  
11 ing given the term in section 2 of the America COM-  
12 PETES Reauthorization Act of 2010 (42 U.S.C.  
13 6621 note).

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

17 **SEC. 3. SUPPORTING VETERANS IN STEM EDUCATION AND**  
18 **COMPUTER SCIENCE.**

19       (a) SUPPORTING VETERAN INVOLVEMENT IN SCI-  
20 ENTIFIC RESEARCH AND STEM EDUCATION.—The Di-  
21 rector shall, through the research and education activities  
22 of the Foundation, encourage veterans to study and pur-  
23 sue careers in STEM and computer science, in coordina-  
24 tion with other Federal agencies that serve veterans.

25       (b) VETERAN OUTREACH PLAN.—Not later than 180  
26 days after the date of enactment of this Act, the Director

1 shall submit to the Committee on Science, Space, and  
2 Technology of the House of Representatives and the Com-  
3 mittee on Commerce, Science, and Transportation of the  
4 Senate a plan for how the Foundation can enhance its out-  
5 reach efforts to veterans. Such plan shall—

6           (1) report on the Foundation’s existing out-  
7       reach activities;

8           (2) identify the best method for the Foundation  
9       to leverage existing authorities and programs to fa-  
10      cilitate and support veterans in STEM careers and  
11      studies, including teaching programs; and

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

16      (c) NATIONAL SCIENCE BOARD INDICATORS RE-  
17      PORT.—The National Science Board shall provide in its  
18      annual report on indicators of the state of science and en-  
19      gineering in the United States any available and relevant  
20      data on veterans in science and engineering careers or  
21      education programs.

22      (d) ROBERT NOYCE TEACHER SCHOLARSHIP PRO-  
23      GRAM UPDATE.—Section 10 of the National Science  
24      Foundation Authorization Act of 2002 (42 U.S.C. 1862n-  
25      1) is amended—

1 (1) in subsection (a)(5)—

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

4 (B) in subparagraph (B), by striking the  
5 period at the end and inserting “; and”; and

6 (C) by adding at the end the following:

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

9 (2) in subsection (b)(2)(F)—

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

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

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

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

18 (e) NATIONAL SCIENCE FOUNDATION TEACHING  
19 FELLOWSHIPS AND MASTER TEACHING FELLOWSHIPS  
20 UPDATE.—Section 10A(d) of the National Science Foun-  
21 dation Authorization Act of 2002 (42 U.S.C. 1862n-  
22 1a(d)) is amended—

23 (1) in paragraph (3)(F)—

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

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

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

5 (f) NATIONAL SCIENCE FOUNDATION COMPUTER  
6 AND NETWORK SECURITY CAPACITY BUILDING GRANTS  
7 UPDATE.—Section 5(a) of the Cyber Security Research  
8 and Development Act (15 U.S.C. 7404(a)) is amended—

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

11 (2) in paragraph (3)—

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

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

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

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

21 (g) GRADUATE TRAINEESHIPS IN COMPUTER AND  
22 NETWORK SECURITY RESEARCH UPDATE.—Section  
23 5(c)(6)(C) of the Cyber Security Research and Develop-  
24 ment Act (15 U.S.C. 7404(c)(6)(C)) is amended by insert-  
25 ing “or veterans” after “disciplines”.

1 (h) VETERANS AND MILITARY FAMILIES STEM  
2 EDUCATION INTERAGENCY WORKING GROUP.—

3 (1) IN GENERAL.—The Director of the Office of  
4 Science and Technology Policy shall establish an  
5 interagency working group to coordinate Federal  
6 programs and policies for transitioning and training  
7 veterans and military spouses for STEM careers.

8 (2) DUTIES OF INTERAGENCY WORKING  
9 GROUP.—The interagency working group established  
10 under paragraph (1) shall—

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

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

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

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

22 (iii) identify barriers veterans face in  
23 reentering the workforce, including a lack  
24 of formal STEM education, career guid-

1                   ance, and the process of transferring mili-  
2                   tary credits and skills to college credits;

3                   (iv) identify barriers military spouses  
4                   face in establishing careers in STEM  
5                   fields;

6                   (v) describe the approaches that each  
7                   participating agency will take to address  
8                   administratively the barriers described in  
9                   clauses (iii) and (iv); and

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

13                  (3) DUTIES OF OSTP.—The Director of the Of-  
14                  fice of Science and Technology Policy shall encour-  
15                  age and monitor the efforts of the Federal agencies  
16                  participating in the interagency working group to  
17                  ensure that the strategic plan required under para-  
18                  graph (2)(B) is developed and executed effectively  
19                  and that the objectives of such strategic plan are  
20                  met.

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

23                         (A) not later than 1 year after the date of  
24                         enactment of this Act, submit to Congress the

1 strategic plan required under paragraph (2)(B);  
2 and

3 (B) include in the annual report required  
4 by section 101(d) of the America COMPETES  
5 Reauthorization Act a description of any  
6 progress made in carrying out the activities de-  
7 scribed in paragraph (2)(B) of this subsection.

8 (5) SUNSET.—The interagency working group  
9 established under paragraph (1) shall terminate on  
10 the date that is 5 years after the date that it is es-  
11 tablished.

Passed the House of Representatives February 25,  
2019.

Attest:

*Clerk.*





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