

112TH CONGRESS
1ST SESSION

H. R. 76

To authorize the Secretary of Homeland Security to establish a program to award grants to institutions of higher education for the establishment or expansion of cybersecurity professional development programs, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

JANUARY 5, 2011

Ms. JACKSON LEE of Texas introduced the following bill; which was referred to the Committee on Science, Space, and Technology, and in addition to the Committees on Education and the Workforce and Homeland Security, for a period to be subsequently determined by the Speaker, in each case for consideration of such provisions as fall within the jurisdiction of the committee concerned

A BILL

To authorize the Secretary of Homeland Security to establish a program to award grants to institutions of higher education for the establishment or expansion of cybersecurity professional development programs, 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 “Cybersecurity Edu-
5 cation Enhancement Act of 2011”.

1 **SEC. 2. DEPARTMENT OF HOMELAND SECURITY CYBERSE-**
2 **CURITY TRAINING PROGRAMS AND EQUIP-**
3 **MENT.**

4 (a) IN GENERAL.—The Secretary of Homeland Secu-
5 rity, acting through the Assistant Secretary of Cybersecu-
6 rity, shall establish, in conjunction with the National
7 Science Foundation, a program to award grants to institu-
8 tions of higher education (and consortia thereof) for—

9 (1) the establishment or expansion of cyberse-
10 curity professional development programs;

11 (2) the establishment or expansion (or both) of
12 associate degree programs in cybersecurity; and

13 (3) the purchase of equipment to provide train-
14 ing in cybersecurity for either professional develop-
15 ment programs or degree programs.

16 (b) ROLES.—

17 (1) DEPARTMENT OF HOMELAND SECURITY.—
18 The Secretary, acting through the Assistant Sec-
19 retary and in consultation with the Director of the
20 National Science Foundation, shall establish the
21 goals for the program established under this section
22 and the criteria for awarding grants.

23 (2) NATIONAL SCIENCE FOUNDATION.—The Di-
24 rector of the National Science Foundation shall op-
25 erate the program established under this section
26 consistent with the goals and criteria established

1 under paragraph (1), including soliciting applicants,
2 reviewing applications, and making and admin-
3 istering awards. The Director may consult with the
4 Assistant Secretary in selecting awardees.

5 (3) FUNDING.—The Secretary shall transfer to
6 the National Science Foundation the funds nec-
7 essary to carry out this section.

8 (c) AWARDS.—

9 (1) PEER REVIEW.—All awards under this sec-
10 tion shall be provided on a competitive, merit-re-
11 viewed basis.

12 (2) FOCUS.—In making awards under this sec-
13 tion, the Director shall, to the extent practicable, en-
14 sure geographic diversity and the participation of
15 women and underrepresented minorities.

16 (3) PREFERENCE.—In making awards under
17 this section, the Director—

18 (A) shall give preference to applications
19 submitted by consortia of institutions, to en-
20 courage as many students and professionals as
21 possible to benefit from the program established
22 under this section; and

23 (B) shall give preference to any application
24 submitted by a consortium of institutions that
25 includes at least one institution that is eligible

1 to receive funds under title III or V of the
2 Higher Education Act of 1965.

3 (d) INSTITUTION OF HIGHER EDUCATION DE-
4 FINED.—In this section the term “institution of higher
5 education” has the meaning given that term in section
6 101(a) of the Higher Education Act of 1965 (20 U.S.C.
7 1001(a)).

8 (e) AUTHORIZATION OF APPROPRIATIONS.—There is
9 authorized to be appropriated to the Secretary for car-
10 rying out this section \$3,700,000 for each of fiscal years
11 2012 and 2013.

12 **SEC. 3. E-SECURITY FELLOWS PROGRAM.**

13 (a) ESTABLISHMENT OF PROGRAM.—Subtitle C of
14 title II of the Homeland Security Act of 2002 (6 U.S.C.
15 121 et seq.) is amended by adding at the end the fol-
16 lowing:

17 **“SEC. 226. E-SECURITY FELLOWS PROGRAM.**

18 “(a) ESTABLISHMENT.—

19 “(1) IN GENERAL.—The Secretary shall estab-
20 lish a fellowship program in accordance with this
21 section for the purpose of bringing State, local, trib-
22 al, and private sector officials to participate in the
23 work of the National Cybersecurity Division in order
24 to become familiar with the Department’s stated cy-

1 bersecurity missions and capabilities, including but
2 not limited to—

3 “(A) enhancing Federal, State, local, and
4 tribal government cybersecurity;

5 “(B) developing partnerships with other
6 Federal agencies, State, local, and tribal gov-
7 ernments, and the private sector;

8 “(C) improving and enhancing public/pri-
9 vate information sharing involving cyber at-
10 tacks, threats, and vulnerabilities;

11 “(D) providing and coordinating incident
12 response and recovery planning efforts; and

13 “(E) fostering training and certification.

14 “(2) PROGRAM NAME.—The program under
15 this section shall be known as the E-Security Fel-
16 lows Program.

17 “(b) ELIGIBILITY.—In order to be eligible for selec-
18 tion as a fellow under the program, an individual must—

19 “(1) have cybersecurity-related responsibilities;
20 and

21 “(2) be eligible to possess an appropriate na-
22 tional security clearance.

23 “(c) LIMITATIONS.—The Secretary—

1 “(1) may conduct up to 2 iterations of the pro-
2 gram each year, each of which shall be 180 days in
3 duration; and

4 “(2) shall ensure that the number of fellows se-
5 lected for each iteration does not impede the activi-
6 ties of the Division.

7 “(d) CONDITION.—As a condition of selecting an in-
8 dividual as a fellow under the program, the Secretary shall
9 require that the individual’s employer agree to continue
10 to pay the individual’s salary and benefits during the pe-
11 riod of the fellowship.

12 “(e) STIPEND.—During the period of the fellowship
13 of an individual under the program, the Secretary shall,
14 subject to the availability of appropriations, provide to the
15 individual a stipend to cover the individual’s reasonable
16 living expenses during the period of the fellowship.”.

17 (b) CLERICAL AMENDMENT.—The table of contents
18 in section 1(b) of such Act is amended by adding at the
19 end of the items relating to such subtitle the following:

“Sec. 226. E-Security Fellows Program.”.

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