

113<sup>TH</sup> CONGRESS  
2<sup>D</sup> SESSION

# H. R. 4515

To amend the Elementary and Secondary Education Act of 1965 to provide grants to eligible local educational agencies to encourage female students to pursue studies and careers in science, mathematics, engineering, and technology.

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## IN THE HOUSE OF REPRESENTATIVES

APRIL 29, 2014

Mr. MCNERNEY introduced the following bill; which was referred to the Committee on Education and the Workforce

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## A BILL

To amend the Elementary and Secondary Education Act of 1965 to provide grants to eligible local educational agencies to encourage female students to pursue studies and careers in science, mathematics, engineering, and technology.

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 “Getting into Research-  
5 ing, Learning, & Studying of STEM Act of 2014” or the  
6 “GIRLS–STEM Act of 2014”.

1 **SEC. 2. GRANTS TO PREPARE FEMALES FOR THE 21ST CEN-**  
2 **TURY.**

3 (a) IN GENERAL.—Title V of the Elementary and  
4 Secondary Education Act of 1965 (20 U.S.C. 7201 et  
5 seq.) is amended by adding at the end the following:

6 **“PART E—PREPARING FEMALE STUDENTS FOR**  
7 **THE 21ST CENTURY**

8 **“SEC. 5701. PROGRAM AUTHORITY.**

9 “(a) IN GENERAL.—From funds provided under sec-  
10 tion 5702, the Secretary may provide grants to eligible  
11 local educational agencies to enable elementary schools  
12 and secondary schools served by the agencies to establish  
13 and implement a program to—

14 “(1) encourage the ongoing interest of female  
15 students in careers requiring skills in science, math-  
16 ematics, engineering, or technology at all levels of  
17 the career pathway, including at the technician level;  
18 and

19 “(2) prepare female students to pursue indus-  
20 try-recognized credentials, such as certificates, li-  
21 censes, undergraduate, and graduate degrees, needed  
22 to pursue a career in the science, mathematics, engi-  
23 neering, or technology field.

24 “(b) GRANT AWARDS.—A grant awarded under this  
25 part shall be awarded in 4 school year increments.

26 “(c) APPLICATION.—

1           “(1) IN GENERAL.—To be eligible to receive a  
2 grant, or enter into a contract or cooperative agree-  
3 ment, under this part an eligible local educational  
4 agency shall submit an application to the Secretary  
5 at such time and in such manner as the Secretary  
6 may require.

7           “(2) CONTENTS.—The application shall con-  
8 tain, at a minimum, the following:

9                   “(A) A program description, including the  
10 content of the program and the research and  
11 models used to design the program.

12                   “(B) A description of the collaboration be-  
13 tween elementary schools and secondary schools  
14 to fulfill goals of the program and how the eligi-  
15 ble local educational agency will ensure that  
16 there is a comprehensive plan to improve  
17 science, mathematics, engineering, and tech-  
18 nology education for female students in kinder-  
19 garten through grade 12.

20                   “(C) A description of the process for re-  
21 cruitment and selection of participants.

22                   “(D) A description of the planned instruc-  
23 tional and motivational activities.

24                   “(E) A description of any collaboration  
25 among local, regional, or national institutions

1           and organizations that will be necessary to ful-  
2           fill the goals of the program.

3           “(3) CONSIDERATION.—In selecting an eligible  
4           local educational agency to receive a grant under  
5           this part, the Secretary shall consider the applica-  
6           tion of each eligible local educational agency that  
7           demonstrates that the agency will use the grant  
8           funds to carry out the activities described in sub-  
9           section (d).

10          “(d) USE OF FUNDS.—An eligible local educational  
11         agency shall use a grant received under this section to  
12         carry out the following:

13                 “(1) Acquainting female students with careers  
14                 requiring skills in science, mathematics, engineering,  
15                 and technology, and preparing such students for  
16                 pursuing careers in such areas, including careers in  
17                 such areas at the technician level.

18                 “(2) Educating the parents of female students  
19                 about the opportunities and advantages of science,  
20                 mathematics, engineering, and technology careers.

21                 “(3) Providing tutoring and mentoring pro-  
22                 grams for female students in science, mathematics,  
23                 engineering, and technology.

24                 “(4) Establishing partnerships and other oppor-  
25                 tunities that expose female students to role models,

1 events, academic programs, or career and technical  
2 education programs in the fields of science, mathe-  
3 matics, engineering, and technology.

4 “(5) Providing after-school activities designed  
5 to encourage interest, and develop skills of female  
6 students, in science, mathematics, engineering, and  
7 technology.

8 “(6) Carrying out summer programs designed  
9 to assist female students in—

10 “(A) developing an interest and skills in;

11 and

12 “(B) understanding the relevance and sig-  
13 nificance of, science, mathematics, engineering,  
14 and technology.

15 “(7) Purchasing educational instructional mate-  
16 rials, equipment, and instrumentation or software  
17 designed to teach and encourage interest of female  
18 students in science, mathematics, engineering, and  
19 technology.

20 “(8) Providing academic and career counseling  
21 services and assistance in secondary school course  
22 selection that encourages female students to take  
23 courses that provide preparation for postsecondary  
24 education, and experiential learning opportunities  
25 (such as apprenticeships, mentorships, internships),

1 in the areas of science, technology, engineering, and  
2 mathematics.

3 “(9) Facilitating internships in science, mathe-  
4 matics, engineering, or technology for female stu-  
5 dents.

6 “(10) Providing professional development for  
7 teachers and other school personnel that includes—

8 “(A) topics on how to eliminate gender  
9 bias in the classroom;

10 “(B) topics on how to engage students in  
11 the face of gender-based peer pressure and pa-  
12 rental expectations; and

13 “(C) increased instructional strategies and  
14 content knowledge of science, mathematics, en-  
15 gineering, and technology.

16 “(e) SUPPLEMENT, NOT SUPPLANT.—The Secretary  
17 shall require each eligible local educational agency receiv-  
18 ing a grant under this part to supplement, and not to sup-  
19 plant, any other assistance or funds made available from  
20 non-Federal sources for the activities assisted under this  
21 part.

22 “(f) EVALUATIONS.—Each eligible local educational  
23 agency that receives a grant under this part shall provide  
24 the Secretary, at the conclusion of every school year dur-  
25 ing which the funds are received, with an evaluation as-

1 sessing the improvements made in the areas described in  
 2 subsection (a), in a form prescribed by the Secretary.

3 “(g) **ELIGIBLE LOCAL EDUCATIONAL AGENCY DE-**  
 4 **FINED.**—For purposes of this part, the term ‘eligible local  
 5 educational agency’ means a local educational agency that  
 6 serves underrepresented or low-income students.

7 **“SEC. 5702. AUTHORIZATION OF APPROPRIATIONS.**

8 “There are authorized to be appropriated to carry out  
 9 this part \$50,000,000 for fiscal year 2015 through  
 10 2019.”.

11 (b) **CONFORMING AMENDMENT.**—The table of con-  
 12 tents for such Act (20 U.S.C. 6301 et seq.) is amended  
 13 by adding at the end of the items relating to title V the  
 14 following:

“PART E—PREPARING FEMALES FOR THE 21ST CENTURY

“Sec. 5701. Program authority.

“Sec. 5702. Authorization of appropriations.”.

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