

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

# H. R. 6078

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

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## IN THE HOUSE OF REPRESENTATIVES

JULY 30, 2010

Ms. WOOLSEY (for herself, Ms. RICHARDSON, Ms. HIRONO, Ms. WATSON, Mr. GRIJALVA, Mr. HINOJOSA, Ms. MOORE of Wisconsin, Mr. PAYNE, Ms. LINDA T. SÁNCHEZ of California, Ms. FUDGE, Mr. HINCHEY, Mr. HOLT, Mr. SCOTT of Virginia, Mr. POLIS of Colorado, Mr. LOEBSACK, Ms. BORDALLO, Mr. DAVIS of Illinois, Ms. JACKSON LEE of Texas, Ms. WASSERMAN SCHULTZ, Ms. NORTON, and Ms. LEE of California) introduced the following bill; which was referred to the Committee on Education and Labor

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## A BILL

To amend the Elementary and Secondary Education Act of 1965 to provide grants to local educational agencies to encourage girls and underrepresented minorities 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,*

1 **SECTION 1. SHORT TITLE.**

2 This Act may be cited as the “21st Century STEM  
3 for Girls and Underrepresented Minorities Act”.

4 **SEC. 2. GRANTS TO PREPARE GIRLS AND UNDERREP-**  
5 **RESENTED MINORITIES.**

6 Title V of the Elementary and Secondary Education  
7 Act of 1965 (20 U.S.C. 6001 et seq.) is amended by add-  
8 ing at the end the following:

9 **“PART E—PREPARING GIRLS AND UNDERREP-**  
10 **RESENTED MINORITIES FOR THE 21ST CEN-**  
11 **TURY**

12 **“SEC. 5701. PROGRAM AUTHORITY.**

13 “(a) IN GENERAL.—From funds provided under sec-  
14 tion 5702, the Secretary is authorized to provide grants  
15 to, and enter into contracts or cooperative agreements  
16 with, local educational agencies on behalf of elementary  
17 and secondary schools to establish and implement a pro-  
18 gram to encourage the ongoing interest of girls and under-  
19 represented minorities in science, mathematics, engineer-  
20 ing, and technology and to prepare girls and underrep-  
21 resented minorities to pursue undergraduate and graduate  
22 degrees and careers in science, mathematics, engineering,  
23 or technology.

24 “(b) APPLICATION.—

25 “(1) IN GENERAL.—To be eligible to receive a  
26 grant, or enter into a contract or cooperative agree-

1       ment, under this part, a local educational agency  
2       shall submit an application to the Secretary at such  
3       time, in such form, and containing such information  
4       as the Secretary may reasonably require.

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

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

10                      “(B) A description of the collaboration be-  
11                      tween elementary and secondary schools to ful-  
12                      fill goals of the program and how the applicant  
13                      will ensure that there is a comprehensive plan  
14                      to improve science, mathematics, engineering,  
15                      and technology education for girls and under-  
16                      represented minorities in grades kindergarten  
17                      through 12.

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

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

22                      “(E) A description of any collaboration  
23                      among local, regional, or national institutions  
24                      and organizations that will occur in order to  
25                      fulfill the goals of the program.

1           “(3) PRIORITY.—In selecting among applica-  
2           tions, the Secretary shall give priority to applicants  
3           that partner or coordinate, to the extent possible,  
4           with local, regional, or national institutions and or-  
5           ganizations.

6           “(c) USE OF FUNDS.—Funds provided under this  
7           section shall be used for the following:

8           “(1) Acquainting and preparing girls and  
9           underrepresented minorities with careers in science,  
10          mathematics, engineering, and technology, and the  
11          advantages of pursuing careers in these areas.

12          “(2) Educating the parents of girls and under-  
13          represented minorities about the opportunities and  
14          advantages of science, mathematics, engineering,  
15          and technology careers.

16          “(3) Enlisting the help of the parents of girls  
17          and unrepresented minorities in overcoming the ob-  
18          stacles these groups face and encouraging their  
19          child’s continued interest and involvement in science,  
20          mathematics, engineering, and technology.

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

24          “(5) Enabling female and underrepresented mi-  
25          nority students and their teachers to attend events

1 and academic programs in science, mathematics, en-  
2 gineering, and technology.

3 “(6) Providing after-school activities designed  
4 to encourage interest, and develop skills of girls and  
5 underrepresented minorities, in science, mathe-  
6 matics, engineering, and technology.

7 “(7) Summer programs designed to encourage  
8 interest, and develop skills of girls and unrepre-  
9 sented minorities, in science, mathematics, engineer-  
10 ing, and technology.

11 “(8) Purchasing—

12 “(A) educational instructional materials or  
13 software designed to encourage interest of girls  
14 and underrepresented minorities in science,  
15 mathematics, engineering, and technology; or

16 “(B) equipment, instrumentation, or hard-  
17 ware used for teaching and to encourage inter-  
18 est of girls and underrepresented minorities in  
19 science, mathematics, engineering, and tech-  
20 nology.

21 “(9) Field trips to locations, including institu-  
22 tions of higher education, to educate and encourage  
23 girls’ and underrepresented minorities’ interest in  
24 science, mathematics, engineering, and technology  
25 and acquaint them with careers in these fields.

1           “(10) Providing academic advice and assistance  
2           in high school course selection that encourages girls  
3           and underrepresented minorities to take advanced  
4           courses in areas of science, technology, engineering,  
5           and mathematics.

6           “(11) Paying up to 50 percent of the cost of an  
7           internship in science, mathematics, engineering, or  
8           technology for female and underrepresented minority  
9           students.

10           “(12) Providing professional development for  
11           teachers and other school personnel, including—

12                   “(A) how to eliminate gender and racial  
13                   bias in the classroom;

14                   “(B) how to be sensitive to gender and ra-  
15                   cial differences;

16                   “(C) how to engage students in the face of  
17                   gender-based and racial peer pressure and pa-  
18                   rental expectations;

19                   “(D) how to create and maintain a positive  
20                   environment; and

21                   “(E) how to encourage girls and under-  
22                   served minorities through academic advice and  
23                   assistance to pursue advanced classes and ca-  
24                   reers in science, mathematics, engineering, and  
25                   technology fields.

1       “(d) SUPPLEMENT, NOT SUPPLANT.—The Secretary  
2 shall require each local educational agency to use the as-  
3 sistance provided under this section only to supplement,  
4 and not to supplant, any other assistance or funds made  
5 available from non-Federal sources for the activities as-  
6 sisted under this section.

7       “(e) EVALUATIONS.—Each local educational agency  
8 that receives funds under this section shall provide the  
9 Secretary, at the conclusion of every school year during  
10 which the funds are received, with an evaluation, in a form  
11 prescribed by the Secretary. This evaluation shall in-  
12 clude—

13               “(1) a description of the programs and activi-  
14 ties conducted by the local educational agency using  
15 the funds;

16               “(2) data on curriculum and partnerships devel-  
17 oped using the funds;

18               “(3) data on the amount of time spent on sub-  
19 jects allowed for under the grant; and

20               “(4) such other information as may be required  
21 by the Secretary.

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

23       “There are authorized to be appropriated to carry out  
24 this part \$50,000,000 for fiscal year 2011 and such sums

1 as may be necessary for each of the 4 succeeding fiscal  
2 years.”.

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