

### 115TH CONGRESS 1ST SESSION

# H. R. 3119

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.

# IN THE HOUSE OF REPRESENTATIVES

June 29, 2017

Mrs. Beatty (for herself, Ms. Bass, Mr. Conyers, Ms. Esty of Connecticut, Mr. Evans, Mr. Khanna, Mr. Kilmer, Mr. Hastings, Mr. Rush, Mr. Clay, Mr. Payne, Ms. Rosen, Mr. Ryan of Ohio, Ms. Wilson of Florida, Mr. Smith of Washington, and Ms. Titus) introduced the following bill; which was referred to the Committee on Education and the Workforce

# 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,
- 3 SECTION 1. SHORT TITLE.
- 4 This Act may be cited as the "21st Century STEM
- 5 for Girls and Underrepresented Minorities Act".

# 1 SEC. 2. GRANTS TO PREPARE GIRLS AND UNDERREP2 RESENTED MINORITIES. 3 Title IV of the Elementary and Secondary Education 4 Act of 1965 (20 U.S.C. 7101 et seq.) is amended by add5 ing at the end the following:

- 6 "PART G-PREPARING GIRLS AND UNDERREP-
- 7 RESENTED MINORITIES FOR THE 21ST CEN-
- 8 TURY
- 9 "SEC. 4701. PROGRAM AUTHORITY.
- 10 "(a) IN GENERAL.—From funds provided under section 4702, the Secretary is authorized to provide grants 11 to local educational agencies on behalf of elementary and 13 secondary schools to establish and implement a program to encourage the ongoing development of programs and curriculum for girls and underrepresented minorities in 15 science, mathematics, engineering, and technology and to prepare girls and underrepresented minorities to pursue 17 18 undergraduate and graduate degrees and careers in 19 science, mathematics, engineering, or technology.
- 20 "(b) Application.—

21

22

23

24

25

26

"(1) IN GENERAL.—To be eligible to receive a grant, or enter into a contract or cooperative agreement, under this part, a local educational agency shall submit an application to the Secretary at such time, in such form, and containing such information as the Secretary may reasonably require.

1	"(2) Contents.—The application shall con-
2	tain, at a minimum, the following:
3	"(A) A program description, including the
4	content of the program and the research and
5	models used to design the program.
6	"(B) A description of the collaboration be-
7	tween elementary and secondary schools to ful-
8	fill goals of the program and how the applicant
9	will ensure that there is a comprehensive plan
10	to improve science, mathematics, engineering,
11	and technology education for girls and under-
12	represented minorities in grades kindergarten
13	through 12.
14	"(C) A description of the process for re-
15	cruitment and selection of participants.
16	"(D) A description of the planned instruc-
17	tional and motivational activities.
18	"(E) A description of any collaboration
19	among local, regional, or national institutions
20	and organizations that will occur in order to
21	fulfill the goals of the program.
22	"(3) Priority.—In selecting among applica-
23	tions, the Secretary shall give priority to applicants
24	that partner or coordinate, to the extent possible,
25	with local, regional, or national institutions and or-

ganizations who have extensive experience, expertise
and research on increasing the participation of girls
or underrepresented minorities in science, mathematics, engineering and technology.

"(c) USE OF FUNDS.—Funds provided under this

section shall be used for the following:

- 7 "(1) Preparing girls and underrepresented mi-8 norities with careers in science, mathematics, engi-9 neering, and technology, and the advantages of pur-10 suing careers in these areas.
  - "(2) Educating the parents of girls and underrepresented minorities about the opportunities and advantages of science, mathematics, engineering, and technology careers.
  - "(3) Enlisting the help of the parents of girls and underrepresented minorities in overcoming the obstacles these groups face and encouraging their child's continued interest and involvement in science, mathematics, engineering, and technology.
  - "(4) Providing tutoring and mentoring programs in science, mathematics, engineering, and technology.
- 23 "(5) Establishing partnerships and other oppor-24 tunities that expose girls and underrepresented mi-

6

11

12

13

14

15

16

17

18

19

20

21

22

- norities to role models in the fields of science, mathematics, engineering and technology.
  - "(6) Enabling female and underrepresented minority students and their teachers to attend events and academic programs in science, mathematics, engineering, and technology.
    - "(7) Providing after-school activities designed to encourage interest, and develop skills of girls and underrepresented minorities, in science, mathematics, engineering, and technology.
    - "(8) Summer programs designed in order that girls and underrepresented minorities develop an interest in, develop skills in, and understand the relevance and significance of, science, mathematics, engineering, and technology.

# "(9) Purchasing—

- "(A) educational instructional materials or software designed to encourage interest of girls and underrepresented minorities in science, mathematics, engineering, and technology; or
- "(B) equipment, instrumentation, or hardware used for teaching and to encourage interest of girls and underrepresented minorities in science, mathematics, engineering, and technology.

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

1	"(10) Field trips to locations, including institu-
2	tions of higher education, to educate and encourage
3	girls' and underrepresented minorities' interest in
4	science, mathematics, engineering, and technology
5	and acquaint them with careers in these fields.
6	"(11) Providing academic advice and assistance
7	in high school course selection that encourages girls
8	and underrepresented minorities to take advanced
9	courses in areas of science, technology, engineering,
10	and mathematics.
11	"(12) Paying up to 50 percent of the cost of an
12	internship in science, mathematics, engineering, or
13	technology for female and underrepresented minority
14	students.
15	"(13) Providing professional development for
16	teachers and other school personnel, including—
17	"(A) how to eliminate gender and racial
18	bias in the classroom;
19	"(B) how to be sensitive to gender and ra-
20	cial differences;
21	"(C) how to engage students in the face of
22	gender-based and racial peer pressure and pa-
23	rental expectations;
24	"(D) how to create and maintain a positive
25	environment; and

1	"(E) how to encourage girls and under-
2	served minorities through academic advice and
3	assistance to pursue advanced classes and ca-
4	reers in science, mathematics, engineering, and
5	technology fields.
6	"(d) Supplement, Not Supplant.—The Secretary
7	shall require each local educational agency to use the as-
8	sistance provided under this section only to supplement,
9	and not to supplant, any other assistance or funds made
10	available from non-Federal sources for the activities as-
11	sisted under this section.
12	"(e) Evaluations.—Each local educational agency
13	that receives funds under this section shall provide the
14	Secretary, at the conclusion of every school year during
15	which the funds are received, with an evaluation, in a form
16	prescribed by the Secretary. This evaluation shall in-
17	clude—
18	"(1) a description of the programs and activi-
19	ties conducted by the local educational agency using
20	the funds;
21	"(2) data on curriculum and partnerships devel-
22	oped using the funds;
23	"(3) data on the amount of time spent on sub-
24	jects allowed for under the grant; and

- 1 "(4) such other information as may be required
- 2 by the Secretary.
- 3 "SEC. 4702. AUTHORIZATION OF APPROPRIATIONS.
- 4 "There are authorized to be appropriated to carry out
- 5 this part \$5,000,000 for fiscal year 2018 and such sums
- 6 as may be necessary for each of the 4 succeeding fiscal

7 years.".

 $\bigcirc$