

AMENDMENT TO RULES COMMITTEE PRINT 119-

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OFFERED BY MS. MCBRIDE OF DELAWARE

At the end of subtitle B of title XVII, insert the following new section:

1 **SEC. 17___ . BIOTECHNOLOGY FOR ALL SECONDARY**
2 **SCHOOL STUDENTS.**

3 (a) IN GENERAL.—Subtitle B of title III of the Re-
4 search and Development, Competition, and Innovation Act
5 (enacted as division B of Public Law 117–167; popularly
6 referred to as the “CHIPS and Science Act”) is amended
7 by inserting after section 10311 (42 U.S.C. 18991) the
8 following new section:

9 **“SEC. 10311A. BIOTECHNOLOGY FOR ALL SECONDARY**
10 **SCHOOL STUDENTS.**

11 “(a) IN GENERAL.—The Director, in consultation
12 with the Secretary of Education and the Consortium es-
13 tablished pursuant to subsection (f), may make awards on
14 a competitive, merit-reviewed basis to eligible entities to
15 support the implementation of new and expansion of exist-
16 ing biotechnology education for secondary school students,
17 including such education in informal learning environ-
18 ments.

1 “(b) APPLICATIONS.—An eligible entity that seeks an
2 award under subsection (a) shall submit to the Director
3 an application at such time, in such manner, and con-
4 taining such information as the Director may require.

5 “(c) USE OF FUNDS.—An award under subsection
6 (a) may be utilized for any of the following purposes:

7 “(1) Professional development and training in
8 biotechnology education for teachers of secondary
9 school students, including with respect to the fol-
10 lowing:

11 “(A) Education instruction in a laboratory
12 setting.

13 “(B) Curriculum design.

14 “(C) Pedagogy.

15 “(2) Development and distribution of curricula
16 and instructional materials related to biotechnology
17 education.

18 “(3) Acquisition of laboratory and instructional
19 equipment for biotechnology education.

20 “(4) Establishment of partnerships between in-
21 stitutions of higher education, private sector entities,
22 and eligible nonprofit organizations to facilitate bio-
23 technology education.

1 “(5) Development of transferrable and
2 stackable biotechnology credentials for such stu-
3 dents.

4 “(6) Any other purpose the Director determines
5 appropriate.

6 “(d) PRIORITY.—The Director may prioritize awards
7 under subsection (a) to eligible entities that demonstrate
8 a need for, or limited access to, educational resources re-
9 lating to biotechnology education.

10 “(e) OTHER ACTIVITIES.—The Director, in consulta-
11 tion with the Secretary of Education and the Consortium
12 established pursuant to subsection (f), may carry out the
13 following:

14 “(1) Support coordination between Federal,
15 State, and local efforts regarding the implementation
16 of new and expansion of existing biotechnology edu-
17 cation programs for secondary school students.

18 “(2) Promote collaboration between public sec-
19 tor entities and private sector entities regarding
20 such implementation and expansion.

21 “(3) Identify and share best practices regarding
22 such implementation and expansion.

23 “(4) Support professional development and
24 training referred to in subsection (c)(1) by means
25 other than an award under subsection (a).

1 “(5) Facilitate access to curricula, resources,
2 and digital learning tools with respect to such pro-
3 grams.

4 “(f) NATIONAL BIOTECHNOLOGY EDUCATION CON-
5 SORTIUM.—

6 “(1) IN GENERAL.—Not later than 180 days
7 after the date of the enactment of this section, the
8 Director, in consultation with the Secretary of Edu-
9 cation, shall establish a consortium, to be known as
10 the ‘National Biotechnology Education Consortium’
11 (in this section referred to as the ‘Consortium’), to
12 provide support and recommendations to the Direc-
13 tor with respect to biotechnology education programs
14 for secondary school students.

15 “(2) MEMBERSHIP.—The Consortium shall be
16 composed of not fewer than six members. The Direc-
17 tor shall seek to appoint members of the Consortium
18 from the following:

19 “(A) Relevant Federal departments or
20 agencies.

21 “(B) Eligible entities.

22 “(C) Stakeholders in biotechnology.

23 “(3) SUNSET.—The Consortium shall terminate
24 on the date that is five years after the date on which
25 the Consortium is established under paragraph (1).

1 “(g) DEFINITIONS.—In this section:

2 “(1) ELIGIBLE ENTITY.—The term ‘eligible en-
3 tity’ means any of the following entities:

4 “(A) A State educational agency (as such
5 term is defined in section 4 of the National
6 Science Foundation Authorization Act of 2002
7 (42 U.S.C. 1862n note)).

8 “(B) A local educational agency (as such
9 term is defined in such section).

10 “(C) An institution of higher education.

11 “(D) An eligible nonprofit organization (as
12 such term is defined in such section).

13 “(E) A consortium of any of the entities
14 described in subparagraphs (A) through (D).

15 “(2) SECONDARY SCHOOL.—The term ‘sec-
16 ondary school’ has the meaning given such term in
17 section 8101 of the Elementary and Secondary Edu-
18 cation Act of 1965 (20 U.S.C. 7801).”.

19 (b) CLERICAL AMENDMENT.—Public Law 117–167
20 is amended in the table of contents in sections 1 and
21 10000 by inserting after the items relating to section
22 10311 the following new items:

“Sec. 10311A. Biotechnology for all secondary school students.”.

