

(2) The Secretary of Defense may carry out the authority in paragraph (1) through the Secretaries of the military departments.

(3) In this subsection:

(A) The term “eligible entity” includes a department or agency of the Federal Government, a State, a political subdivision of a State, an individual, and a not-for-profit or other organization in the private sector.

(B) The term “State” means any State of the United States, the District of Columbia, the Commonwealth of Puerto Rico, Guam, the United States Virgin Islands, the Commonwealth of the Northern Mariana Islands, American Samoa, and any other territory or possession of the United States.

(c) The Secretary shall designate an individual within the Office of the Secretary of Defense to advise and assist the Secretary regarding matters relating to science, mathematics, and engineering education and training.

(Added Pub. L. 101-510, div. A, title II, §247(a)(1), Nov. 5, 1990, 104 Stat. 1521; amended Pub. L. 106-65, div. A, title V, §580(d)(1), Oct. 5, 1999, 113 Stat. 633; Pub. L. 108-136, div. A, title II, §233, Nov. 24, 2003, 117 Stat. 1423; Pub. L. 111-383, div. A, title II, §211(a), Jan. 7, 2011, 124 Stat. 4162.)

#### Editorial Notes

##### AMENDMENTS

2011—Subsec. (b)(2), (3). Pub. L. 111-383 added par. (2) and redesignated former par. (2) as (3).

2003—Subsecs. (b), (c). Pub. L. 108-136 added subsec. (b) and redesignated former subsec. (b) as (c).

1999—Pub. L. 106-65 amended section catchline generally. Prior to amendment, catchline read as follows: “Science, mathematics, and engineering education”.

#### Statutory Notes and Related Subsidiaries

##### SCIENCE, MATHEMATICS, AND RESEARCH FOR TRANSFORMATION (SMART) DEFENSE SCHOLARSHIP PILOT PROGRAM

Pub. L. 108-375, div. A, title XI, §1105, Oct. 28, 2004, 118 Stat. 2074, as amended by Pub. L. 109-163, div. A, title X, §1056(d), title XI, §1104(a)-(c), Jan. 6, 2006, 119 Stat. 3440, 3448, 3449; Pub. L. 111-383, div. A, title X, §1075(h)(5), Jan. 7, 2011, 124 Stat. 4377, which related to a pilot program to provide financial assistance for education in science, mathematics, engineering, and technology skills and disciplines that were determined to be critical to the national security functions of the Department of Defense, was repealed and restated in section 2192a of this title by Pub. L. 109-163, div. A, title XI, §1104(d)(1)(B), (e)(1), Jan. 6, 2006, 119 Stat. 3450.

##### DEPARTMENT OF DEFENSE SUPPORT FOR SCIENCE, MATHEMATICS, AND ENGINEERING EDUCATION

Pub. L. 102-190, div. A, title VIII, §829, Dec. 5, 1991, 105 Stat. 1444, directed Secretary of Defense to develop and submit to Congress a master plan for activities by Department of Defense during each of fiscal years 1993 through 1997 to support education in science, mathematics, and engineering at all levels of education in the United States, with each such plan to be developed in consultation with Secretary of Education, prior to repeal by Pub. L. 104-106, div. A, title X, §1063(c), Feb. 10, 1996, 110 Stat. 444.

#### [§ 2192a. Renumbered § 4093]

#### § 2192b. Program on enhancement of preparation of dependents of members of armed forces for careers in science, technology, engineering, and mathematics

(a) PROGRAM REQUIRED.—The Secretary of Defense shall carry out a program to—

(1) enhance the preparation of students at covered schools for careers in science, technology, engineering, and mathematics; and

(2) provide assistance to teachers at covered schools to enhance preparation described in paragraph (1).

(b) COORDINATION.—In carrying out the program, the Secretary shall coordinate with the following:

(1) The Secretaries of the military departments.

(2) The Secretary of Education.

(3) The National Science Foundation.

(4) Other organizations as the Secretary of Defense considers appropriate.

(c) ACTIVITIES.—Activities under the program may include the following:

(1) Establishment of targeted internships and cooperative research opportunities at defense laboratories and other technical centers for students and teachers at covered schools.

(2) Establishment of scholarships and fellowships for students at covered schools.

(3) Efforts and activities that improve the quality of science, technology, engineering, and mathematics educational and training opportunities for students and teachers at covered schools, including with respect to improving the development of curricula at covered schools.

(4) Development of travel opportunities, demonstrations, mentoring programs, and informal science education for students and teachers at covered schools.

(d) METRICS.—The Secretary shall establish outcome-based metrics and internal and external assessments to evaluate the merits and benefits of activities conducted under the program with respect to the needs of the Department of Defense.

(e) COVERED SCHOOLS DEFINED.—In this section, the term “covered schools” means elementary or secondary schools at which the Secretary determines a significant number of dependents of members of the armed forces are enrolled.

(Added Pub. L. 116-92, div. A, title II, §211(a), Dec. 20, 2019, 133 Stat. 1254.)

#### § 2193. Improvement of education in technical fields: grants for higher education in science and mathematics

(a)(1) The Secretary of Defense may, in accordance with the provisions of this subsection, carry out a program for awarding grants to students who have been accepted for enrollment in, or who are enrolled in, an institution of higher education as undergraduate or graduate students in scientific and engineering disciplines critical to the national security functions of the Department of Defense.

(2) Grant proceeds shall be disbursed on behalf of students awarded grants under this subsection to the institutions of higher education at which the students are enrolled. No grant proceeds shall be disbursed on behalf of a student until the student is enrolled at an institution of higher education.

(3) The amount of a grant awarded a student under this subsection may not exceed the student's cost of attendance.

(4) The amount of a grant awarded a student under this subsection shall not be reduced on the basis of the student's receipt of other forms of Federal student financial assistance, but shall be taken into account in determining the eligibility of the student for those other forms of Federal student financial assistance.

(5) The Secretary shall give priority to awarding grants under this subsection in a manner likely to stimulate the interest of women and members of minority groups in pursuing scientific and engineering careers. The Secretary may consider the financial need of applicants in making awards in accordance with such priority.

(b) In this section:

(1) The term "institution of higher education" has the meaning given such term in section 101 of the Higher Education Act of 1965.

(2) The term "cost of attendance" has the meaning given such term in section 472 of the Higher Education Act of 1965 (20 U.S.C. 1087ll).

(Added Pub. L. 101-510, div. A, title II, §247(a)(1), Nov. 5, 1990, 104 Stat. 1521; amended Pub. L. 105-244, title I, §102(a)(2)(A), Oct. 7, 1998, 112 Stat. 1617; Pub. L. 106-65, div. A, title V, §580(c)(2), (3), (d)(2), Oct. 5, 1999, 113 Stat. 633.)

#### Editorial Notes

##### REFERENCES IN TEXT

Section 101 of the Higher Education Act of 1965, referred to in subsec. (b)(1), is classified to section 1001 of Title 20, Education.

##### AMENDMENTS

1999—Pub. L. 106-65, §580(d)(2), amended section catchline generally. Prior to amendment, catchline read as follows: "Science and mathematics education improvement program".

Subsec. (b). Pub. L. 106-65, §580(c)(3), redesignated subsec. (c) as (b).

Pub. L. 106-65, §580(c)(2), redesignated subsec. (b) as section 2193a of this title.

Subsec. (c). Pub. L. 106-65, §580(c)(3), redesignated subsec. (c) as (b).

1998—Subsec. (c)(1). Pub. L. 105-244 substituted "section 101 of the Higher Education Act of 1965" for "section 1201(a) of the Higher Education Act of 1965 (20 U.S.C. 1141(a))".

#### Statutory Notes and Related Subsidiaries

##### EFFECTIVE DATE OF 1998 AMENDMENT

Amendment by Pub. L. 105-244 effective Oct. 1, 1998, except as otherwise provided in Pub. L. 105-244, see section 3 of Pub. L. 105-244, set out as a note under section 1001 of Title 20, Education.

#### § 2193a. Improvement of education in technical fields: general authority for support of elementary and secondary education in science and mathematics

The Secretary of Defense, in coordination with the Secretary of Education, may establish programs for the purpose of improving the mathematics and scientific knowledge and skills of elementary and secondary school students and faculty members.

(Added and amended Pub. L. 106-65, div. A, title V, §580(c)(1), (2), Oct. 5, 1999, 113 Stat. 632, 633.)

#### Editorial Notes

##### CODIFICATION

The text of section 2193(b) of this title, which was transferred to, and redesignated as text of, this section, was based on Pub. L. 101-510, div. A, title II, §247(a)(1), Nov. 5, 1990, 104 Stat. 1521.

##### AMENDMENTS

1999—Pub. L. 106-65, §580(c)(2), renumbered section 2193(b) of this title as text of this section. See Codification note above.

#### Statutory Notes and Related Subsidiaries

PILOT PROGRAM ON ENHANCEMENT OF PREPARATION OF DEPENDENTS OF MEMBERS OF ARMED FORCES FOR CAREERS IN SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS

Pub. L. 113-291, div. A, title II, §233, Dec. 19, 2014, 128 Stat. 3334, which required the Secretary of Defense to carry out a pilot program related to the enhancement of preparation of certain students for careers in science, technology, engineering, and mathematics, was repealed by Pub. L. 116-92, div. A, title II, §211(c), Dec. 20, 2019, 133 Stat. 1255. See section 2192b of this title.

#### § 2193b. Improvement of education in technical fields: program for support of elementary and secondary education in science, technology, engineering, art and design, and mathematics

(a) AUTHORITY FOR PROGRAM.—The Secretary of Defense may conduct a science, technology, engineering, art and design, and mathematics education improvement program known as the "Department of Defense STARBASE Program". The Secretary shall carry out the program in coordination with the Secretaries of the military departments and the Secretary of the Department in which the Coast Guard is operating.

(b) PURPOSE.—The purpose of the program is to improve knowledge and skills of students in kindergarten through twelfth grade in science, technology, engineering, art and design, and mathematics.

(c) STARBASE ACADEMIES.—(1) The Secretary shall provide for the establishment of at least 25 academies under the program.

(2) The Secretary of Defense shall establish guidelines, criteria, and a process for the establishment of STARBASE programs in addition to those in operation on October 5, 1999.

(3)(A) Except as otherwise provided under subparagraph (B), the Secretary may not support the establishment in any State of more than four academies under the program.

(B) The Secretary may support the establishment and operation of an academy in a State in