

(4) Science facility

The term “science facility” has the meaning given the term “single-purpose research facility” in section 16182 of this title.

(5) Tribal college

The term “tribal college” has the meaning given the term “tribally controlled college or university” in section 1801(a) of title 25.

(b) Education partnership

The Secretary shall require the director of each National Laboratory, and may require the head of any science facility, to increase the participation of historically Black colleges or universities, Hispanic-serving institutions, or tribal colleges in any activity that increases the capacity of the historically Black colleges or universities, Hispanic-serving institutions, or tribal colleges to train personnel in science or engineering.

(c) Activities

An activity described in subsection (b) of this section includes—

- (1) collaborative research;
- (2) equipment transfer;
- (3) training activities carried out at a National Laboratory or science facility; and
- (4) mentoring activities carried out at a National Laboratory or science facility.

(d) Report

Not later than 2 years after August 8, 2005, the Secretary shall submit to Congress a report describing the activities carried out under this section.

(Pub. L. 101-510, div. C, title XXXI, §3167, as added Pub. L. 109-58, title XI, §1105(b)(2), Aug. 8, 2005, 119 Stat. 940; amended Pub. L. 110-315, title IX, §941(k)(2)(M), Aug. 14, 2008, 122 Stat. 3467.)

PRIOR PROVISIONS

A prior section 3167 of Pub. L. 101-510 was renumbered section 3168 and is classified to section 7381d of this title.

AMENDMENTS

2008—Subsec. (a)(5). Pub. L. 110-315 made technical amendment to reference in original act which appears in text as reference to section 1801(a) of title 25.

§ 7381d. Definitions

In this subchapter:

- (1) The term “Secretary” means the Secretary of Energy.
- (2) The term “Department” means the Department of Energy.
- (3) The term “Department research and development facilities” means all Department of Energy single-purpose and multipurpose National Laboratories and research and development facilities and programs, and any other facility or program operated by a contractor funded by the Department of Energy.
- (4) The term “local educational agency” has the meaning given that term by section 2891(12)¹ of title 20.
- (5) NATIONAL LABORATORY.—The term “National Laboratory” has the meaning given the term in section 15801 of this title.

¹ See References in Text note below.

(Pub. L. 101-510, div. C, title XXXI, §3168, formerly §3167, Nov. 5, 1990, 104 Stat. 1843; Pub. L. 105-245, title III, §309(b)(2)(D), Oct. 7, 1998, 112 Stat. 1853; renumbered §3168 and amended Pub. L. 109-58, title XI, §§1102(d), 1105(b)(1), Aug. 8, 2005, 119 Stat. 938, 939; Pub. L. 110-69, title V, §5003(c), Aug. 9, 2007, 121 Stat. 602.)

REFERENCES IN TEXT

Section 2891(12) of title 20, referred to in par. (4), was in the original “section 1471(12) of the Elementary and Secondary Education Act of 1965 (20 U.S.C. 2891(12))”, Pub. L. 89-10, and was omitted in the general amendment of that Act by Pub. L. 103-382, title I, §101, Oct. 20, 1994, 108 Stat. 3519. See section 7801 of Title 20, Education.

PRIOR PROVISIONS

A prior section 3168 of Pub. L. 101-510 was renumbered section 3169 and is classified to section 7381e of this title.

AMENDMENTS

2007—Par. (5). Pub. L. 110-69 added par. (5).

2005—Par. (3). Pub. L. 109-58, §1102(d), substituted “by the Department of Energy” for “from the Office of Science of the Department of Energy”.

1998—Par. (3). Pub. L. 105-245 substituted “Office of Science” for “Office of Energy Research”.

§ 7381e. Authorization of appropriations

There are authorized to be appropriated to the Secretary for carrying out university research support and other science, mathematics, and engineering education programs authorized by this part and administered by the Office of Science of the Department of Energy, \$40,000,000 for fiscal year 1991.

(Pub. L. 101-510, div. C, title XXXI, §3169, formerly §3168, Nov. 5, 1990, 104 Stat. 1843; Pub. L. 105-245, title III, §309(b)(2)(D), Oct. 7, 1998, 112 Stat. 1853; renumbered §3169, Pub. L. 109-58, title XI, §1105(b)(1), Aug. 8, 2005, 119 Stat. 939; Pub. L. 110-69, title V, §5003(d)(2), Aug. 9, 2007, 121 Stat. 603.)

AMENDMENTS

2007—Pub. L. 110-69 substituted “this part” for “this subchapter”.

1998—Pub. L. 105-245 substituted “Office of Science” for “Office of Energy Research”.

PART B—SCIENCE, ENGINEERING, AND MATHEMATICS EDUCATION PROGRAMS

§ 7381g. Definitions

In this part:

(1) Director

The term “Director” means the Director of Science, Engineering, and Mathematics Education.

(2) National Laboratory

The term “National Laboratory” has the meaning given the term in section 15801 of this title.

(Pub. L. 101-510, div. C, title XXXI, §3170, as added Pub. L. 110-69, title V, §5003(d)(3), Aug. 9, 2007, 121 Stat. 603.)

CONSULTATION

Pub. L. 110-69, title V, §5003(b), Aug. 9, 2007, 121 Stat. 602, provided that: “The Secretary [of Energy] shall—

“(1) consult with the Secretary of Education and the Director of the National Science Foundation regarding activities authorized under subpart B of the Department of Energy Science Education Enhancement Act [this part] (as added by subsection (d)(3)) to improve science and mathematics education; and

“(2) otherwise make available to the Secretary of Education reports associated with programs authorized under that section.”

SUBPART 1—[REPEALED]

AMENDMENTS

2011—Pub. L. 111-358, title IX, §901(c)(1), Jan. 4, 2011, 124 Stat. 4044, struck out heading for subpart 1 “PILOT PROGRAM OF GRANTS TO SPECIALTY SCHOOLS FOR SCIENCE AND MATHEMATICS”.

§ 7381h. Repealed. Pub. L. 111-358, title IX, § 901(a), Jan. 4, 2011, 124 Stat. 4044

Section, Pub. L. 101-510, div. C, title XXXI, §3171, as added Pub. L. 110-69, title V, §5003(d)(3), Aug. 9, 2007, 121 Stat. 603, related to pilot program of grants to specialty schools for science and mathematics.

SUBPART 2—[REPEALED]

AMENDMENTS

2011—Pub. L. 111-358, title IX, §901(c)(1), Jan. 4, 2011, 124 Stat. 4044, struck out heading for subpart 2 “EXPERIENTIAL-BASED LEARNING OPPORTUNITIES”.

§ 7381j. Repealed. Pub. L. 111-358, title IX, § 901(a), Jan. 4, 2011, 124 Stat. 4044

Section, Pub. L. 101-510, div. C, title XXXI, §3175, as added Pub. L. 110-69, title V, §5003(d)(3), Aug. 9, 2007, 121 Stat. 606, related to experiential-based learning opportunities.

SUBPART 3—NATIONAL LABORATORIES CENTERS OF EXCELLENCE IN SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS EDUCATION

§ 7381l. National Laboratories Centers of Excellence in Science, Technology, Engineering, and Mathematics education

(a) Definition of high-need public secondary school

In this section, the term “high-need public secondary school” means a secondary school—

(1) with a high concentration of low-income individuals (as defined in section 6537 of title 20); or

(2) designated with a school locale code of 41, 42, or 43, as determined by the Secretary of Education.

(b) Establishment

The Secretary shall establish at each of the National Laboratories a program to support a Center of Excellence in Science, Technology, Engineering, and Mathematics (referred to in this section as a “Center of Excellence”) in at least 1 high-need public secondary school located in the region served by the National Laboratory to provide assistance in accordance with subsection (f).

(c) Collaboration

(1) In general

To comply with subsection (g), each high-need public secondary school selected as a Center of Excellence and the National Labora-

tory shall form a partnership with a school, department, or program of education at an institution of higher education.

(2) Nonprofit entities

The partnership may include a nonprofit entity with demonstrated experience and effectiveness in science or mathematics, as agreed to by other members of the partnership.

(d) Selection

(1) In general

The Secretary, acting through the Director, shall establish criteria to guide the National Laboratories in selecting the sites for Centers of Excellence.

(2) Process

A National Laboratory shall select a site for a Center of Excellence through an open, widely-publicized, and competitive process.

(e) Goals

The Secretary shall establish goals and performance assessments for each Center of Excellence authorized under subsection (b).

(f) Assistance

Consistent with sections 7381b and 7381c of this title, the Director shall make available necessary assistance for a program established under this section through the use of scientific and engineering staff of a National Laboratory, including the use of staff—

(1) to assist teachers in teaching a course at a Center of Excellence in Science, Technology, Engineering, and Mathematics; and

(2) to use National Laboratory scientific equipment in the teaching of the course.

(g) Special rules

A Center of Excellence in a region shall ensure—

(1) provision of clinical practicum, student teaching, or internship experiences for science, technology, and mathematics teacher candidates as part of the teacher preparation program of the Center of Excellence;

(2) provision of supervision and mentoring for teacher candidates in the teacher preparation program; and

(3) to the maximum extent practicable, provision of professional development for veteran teachers in the public secondary schools in the region.

(h) Evaluation

The Secretary shall consider the results of performance assessments required under subsection (e) in determining the contract award fee of a National Laboratory management and operations contractor.

(i) Plan

The Director shall—

(1) develop an evaluation and accountability plan for the activities funded under this section that objectively measures the impact of the activities; and

(2) disseminate information obtained from those measurements.

(j) No effect on similar programs

Nothing in this section displaces or otherwise affects any similar program being carried out as