

ing large numbers of disadvantaged students with new strategies for mathematics and science instruction.

(12) Support graduate students and, through university-based cooperative programs, undergraduate students for the purpose of encouraging more students to pursue scientific and technical careers, with a particular focus on the recruitment of women and minority students.

(13) Establish a prefreshman enrichment program in which middle-school students attend summer workshops on mathematics, science, and engineering conducted by universities on their campuses.

(14) Support competitive events for students under the supervision of teachers, designed to encourage student interest and knowledge in science and mathematics.

(15) Support competitively-awarded, peer-reviewed programs to promote professional development for mathematics teachers and science teachers who teach in grades from kindergarten through grade 12 at Department research and development facilities.

(16) Support summer internships at Department research and development facilities, for mathematics teachers and science teachers who teach in grades from kindergarten through grade 12.

(17) Sponsor and assist in educational and training activities identified as critical skills needs for future workforce development at Department research and development facilities.

#### (b) Use of facilities

Any of the activities authorized by subsection (a) of this section may be conducted through Department research and development facilities. The Secretary may designate facilities conducting such education activities as "Laboratory Cooperative Science Centers".

#### (c) Funding

The Secretary is authorized to accept non-Federal funds to finance education activities described in subsection (a) of this section.

(Pub. L. 101-510, div. C, title XXXI, §3165, Nov. 5, 1990, 104 Stat. 1841; Pub. L. 102-25, title VII, §704(d), Apr. 6, 1991, 105 Stat. 120; Pub. L. 109-58, title XI, §1102(b), Aug. 8, 2005, 119 Stat. 938.)

#### AMENDMENTS

2005—Subsec. (a)(14) to (17). Pub. L. 109-58, which directed amendment of this section by adding pars. (14) to (17) at the end, was executed by making the addition at the end of subsec. (a), to reflect the probable intent of Congress.

1991—Subsec. (a). Pub. L. 102-25, §704(d)(1), redesignated subpars. (J) to (M) as pars. (10) to (13), respectively.

Subsec. (b). Pub. L. 102-25, §704(d)(2), inserted "such" before "education activities" in second sentence.

#### EFFECTIVE DATE OF 1991 AMENDMENT

Amendment by Pub. L. 102-25 applicable as if included in enactment of Pub. L. 101-510, see section 704(e) of Pub. L. 102-25, set out as a note under section 12321 of Title 10, Armed Forces.

### § 7381c. Education partnerships

#### (a) Education partnerships

The Secretary may authorize each Department research and development facility, to the

extent practicable and consistent with the provisions of the laboratory's management and operating contract, to enter into education partnership agreements with educational institutions in the United States (including local educational agencies, colleges, and universities) for the purpose of encouraging and enhancing study in scientific disciplines at all levels of education.

#### (b) Types of assistance

Under a partnership agreement entered into with an educational institution under subsection (a) of this section and as authorized by the Secretary, a Department research and development facility may provide assistance to the educational institution by—

(1) loaning or transferring equipment to the institution;

(2) transferring to the institution equipment determined by the director of the Department research and development facility to be surplus;

(3) making personnel of Department research and development facilities available to teach science courses or to assist in the development of science courses and materials for the institution;

(4) involving faculty and students of the institution in research programs of Department research and development facilities;

(5) cooperating with the institution in developing a program under which students may be given academic credit for work on research projects of Department research and development facilities;

(6) providing academic and career advice and assistance to students of the institution; and

(7) providing funds to educational institutions to hire personnel to facilitate interactions between local school systems, Department research and development facilities, and corporate and governmental entities.

(Pub. L. 101-510, div. C, title XXXI, §3166, Nov. 5, 1990, 104 Stat. 1843; Pub. L. 109-58, title XI, §1102(c), Aug. 8, 2005, 119 Stat. 938.)

#### AMENDMENTS

2005—Subsec. (b)(1). Pub. L. 109-58, §1102(c)(1), added par. (1) and struck out former par. (1) which read as follows: "loaning equipment to the institution;"

Subsec. (b)(7). Pub. L. 109-58, §1102(c)(2)-(4), added par. (7).

### § 7381c-1. Partnerships with historically Black colleges and universities, Hispanic-serving institutions, and tribal colleges

#### (a) Definitions

In this section:

##### (1) Hispanic-serving institution

The term "Hispanic-serving institution" has the meaning given the term in section 1101a(a) of title 20.

##### (2) Historically Black college or university

The term "historically Black college or university" has the meaning given the term "part B institution" in section 1061 of title 20.

##### (3) National Laboratory

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

**(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)<sup>1</sup> of title 20.
- (5) NATIONAL LABORATORY.—The term “National Laboratory” has the meaning given the term in section 15801 of this title.

<sup>1</sup> 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—