

tion 3 of Pub. L. 105-244, set out as a note under section 1001 of this title.

**PART E—MINORITY SCIENCE AND ENGINEERING  
IMPROVEMENT PROGRAM**

**SUBPART 1—MINORITY SCIENCE AND ENGINEERING  
IMPROVEMENT PROGRAM**

**CODIFICATION**

Pub. L. 105-244, title III, §§301(a)(5), 307(d), Oct. 7, 1998, 112 Stat. 1636, 1648, redesignated subpart 1 (§1135b et seq.) of part B of subchapter X of this chapter as subpart 1 of part E of subchapter III of this chapter and inserted “AND ENGINEERING” before “IMPROVEMENT PROGRAM” in heading.

**§ 1067. Findings**

Congress makes the following findings:

(1) It is incumbent on the Federal Government to support the technological and economic competitiveness of the United States by improving and expanding the scientific and technological capacity of the United States. More and better prepared scientists, engineers, and technical experts are needed to improve and expand such capacity.

(2) As the Nation’s population becomes more diverse, it is important that the educational and training needs of all Americans are met. Underrepresentation of minorities in science and technological fields diminishes our Nation’s competitiveness by impairing the quantity of well prepared scientists, engineers, and technical experts in these fields.

(3) Despite significant limitations in resources, minority institutions provide an important educational opportunity for minority students, particularly in science and engineering fields. Aid to minority institutions is a good way to address the underrepresentation of minorities in science and technological fields.

(4) There is a strong Federal interest in improving science and engineering programs at minority institutions as such programs lag behind in program offerings and in student enrollment compared to such programs at other institutions of higher education.

(Pub. L. 89-329, title III, §350, as added Pub. L. 105-244, title III, §307(a), Oct. 7, 1998, 112 Stat. 1647.)

**PRIOR PROVISIONS**

A prior section 1067, Pub. L. 89-329, title III, §352, as added Pub. L. 99-498, title III, §301(a), Oct. 17, 1986, 100 Stat. 1304, and amended, which related to waiver authority and reporting requirement, was renumbered section 392 of Pub. L. 89-329 by Pub. L. 105-244, title III, §301(a)(2), Oct. 7, 1998, 112 Stat. 1636, and transferred to section 1068a of this title.

Another prior section 1067, Pub. L. 89-329, title III, §342, as added Pub. L. 96-374, title III, §301, Oct. 3, 1980, 94 Stat. 1398, set waiver authority and reporting requirements for this part, prior to the general amendment of this subchapter by Pub. L. 99-498.

Another prior section 1067, Pub. L. 89-329, title IV, §407, Nov. 8, 1965, 79 Stat. 1234; Pub. L. 90-575, title I, §§101(b)(2), 103, 104, Oct. 16, 1968, 82 Stat. 1017, 1018, related to agreements with institutions, required provisions and use of funds as additional Federal capital contribution for student loan fund, prior to the general amendment of part A of subchapter IV of this chapter by Pub. L. 92-318, title I, §131(b)(1), June 23, 1972, 86 Stat. 247.

**EFFECTIVE DATE**

Section effective Oct. 1, 1998, except as otherwise provided in Pub. L. 105-244, see section 3 of Pub. L. 105-244, set out as an Effective Date of 1998 Amendment note under section 1001 of this title.

**§ 1067a. Purpose; authority**

**(a) Congressional declaration of purpose**

It is the purpose of this subpart to continue the authority of the Department to operate the Minority Institutions Science Improvement Program created under section 1862(a)(1) of title 42 and transferred to the Department by section 3444(a)(1) of this title.

**(b) Grant authority**

The Secretary shall, in accordance with the provisions of this subpart, carry out a program of making grants to institutions of higher education that are designed to effect long-range improvement in science and engineering education at predominantly minority institutions and to increase the participation of underrepresented ethnic minorities, particularly minority women, in scientific and technological careers.

(Pub. L. 89-329, title III, §351, formerly title X, §1021, as added Pub. L. 99-498, title X, §1002, Oct. 17, 1986, 100 Stat. 1561; amended Pub. L. 102-325, title X, §1002(a), July 23, 1992, 106 Stat. 780; renumbered title III, §351, Pub. L. 105-244, title III, §301(a)(5), (7), Oct. 7, 1998, 112 Stat. 1636; Pub. L. 111-39, title III, §301(5), July 1, 2009, 123 Stat. 1937.)

**CODIFICATION**

Section was formerly classified to section 1135b of this title prior to renumbering by Pub. L. 105-244.

**PRIOR PROVISIONS**

A prior section 351 of Pub. L. 89-329 was renumbered section 391 and is classified to section 1068 of this title.

**AMENDMENTS**

2009—Subsec. (a). Pub. L. 111-39 made technical amendment to reference in original act which appears in text as reference to section 3444(a)(1) of this title.

1992—Subsec. (b). Pub. L. 102-325 inserted “, particularly minority women,” after “ethnic minorities”.

**EFFECTIVE DATE OF 2009 AMENDMENT**

Amendment by Pub. L. 111-39 effective as if enacted on the date of enactment of Pub. L. 110-315 (Aug. 14, 2008), see section 3 of Pub. L. 111-39, set out as a note under section 1001 of this title.

**EFFECTIVE DATE OF 1992 AMENDMENT**

Amendment by Pub. L. 102-325 effective Oct. 1, 1992, see section 2 of Pub. L. 102-325, set out as a note under section 1001 of this title.

**§ 1067b. Grant recipient selection**

**(a) Establishment of criteria**

Grants under this subpart shall be awarded on the basis of criteria established by the Secretary by regulations.

**(b) Priorities to be given in criteria**

In establishing criteria under subsection (a) of this section, the Secretary shall give priority to applicants which have not previously received funding from the Minority Institutions Science

Improvement Program and to previous grantees with a proven record of success, as well as to applications that contribute to achieving balance among projects with respect to geographic region, academic discipline, and project type.

**(c) Required criteria**

In establishing criteria under subsection (a) of this section, the Secretary may consider the following selection criteria in making grants:

- (1) plan of operation;
- (2) quality of key personnel;
- (3) budget and cost effectiveness;
- (4) evaluation plan;
- (5) adequacy of resources;
- (6) identification of need for the project;
- (7) potential institutional impact of the project;
- (8) institutional commitment to the project;
- (9) expected outcomes; and
- (10) scientific and educational value of the proposed project.

(Pub. L. 89-329, title III, §352, formerly title X, §1022, as added Pub. L. 99-498, title X, §1002, Oct. 17, 1986, 100 Stat. 1561; renumbered title III, §352, Pub. L. 105-244, title III, §301(a)(5), (7), Oct. 7, 1998, 112 Stat. 1636.)

CODIFICATION

Section was formerly classified to section 1135b-1 of this title prior to renumbering by Pub. L. 105-244.

PRIOR PROVISIONS

A prior section 352 of Pub. L. 89-329 was renumbered section 392 and is classified to section 1068a of this title.

**§ 1067c. Use of funds**

**(a) Types of grants**

Funds appropriated to carry out this subpart may be made available as—

- (1) institutional grants (as defined in section 1067k(6) of this title);
- (2) cooperative grants (as defined in section 1067k(7) of this title);
- (3) design projects (as defined in section 1067k(8) of this title); or
- (4) special projects (as defined in section 1067k(9) of this title).

**(b) Authorized uses for each type of grant**

(1) The authorized uses of funds made available as institutional grants include (but are not limited to)—

- (A) faculty development programs; or
- (B) development of curriculum materials.

(2) The authorized uses of funds made available as cooperative grants include (but are not limited to)—

- (A) assisting institutions in sharing facilities and personnel;
- (B) disseminating information about established programs in science and engineering;
- (C) supporting cooperative efforts to strengthen the institutions' science and engineering programs; or
- (D) carrying out a combination of any of the activities in subparagraphs (A) through (C).

(3) The authorized uses of funds made available as design projects include (but are not limited to)—

(A) developing planning, management, and evaluation systems; or

(B) developing plans for initiating scientific research and for improving institutions' capabilities for such activities.

Funds used for design project grants may not be used to pay more than 50 percent of the salaries during any academic year of faculty members involved in the project.

(4) The authorized uses of funds made available as special projects include (but are not limited to)—

- (A) advanced science seminars;
- (B) science faculty workshops and conferences;
- (C) faculty training to develop specific science research or education skills;
- (D) research in science education;
- (E) programs for visiting scientists;
- (F) preparation of films or audio-visual materials in science;
- (G) development of learning experiences in science beyond those normally available to minority undergraduate students;
- (H) development of pre-college enrichment activities in science; or
- (I) any other activities designed to address specific barriers to the entry of minorities into science.

(Pub. L. 89-329, title III, §353, formerly title X, §1023, as added Pub. L. 99-498, title X, §1002, Oct. 17, 1986, 100 Stat. 1562; renumbered title III, §353, and amended Pub. L. 105-244, title III, §301(a)(5), (7), (c)(8), Oct. 7, 1998, 112 Stat. 1636, 1637.)

CODIFICATION

Section was formerly classified to section 1135b-2 of this title prior to renumbering by Pub. L. 105-244.

PRIOR PROVISIONS

A prior section 353 of Pub. L. 89-329 was renumbered section 393 and is classified to section 1068b of this title.

AMENDMENTS

1998—Subsec. (a)(1). Pub. L. 105-244, §301(c)(8)(A), substituted “section 1067k(6)” for “section 1135d-5(6)”.

Subsec. (a)(2). Pub. L. 105-244, §301(c)(8)(B), substituted “section 1067k(7)” for “section 1135d-5(7)”.

Subsec. (a)(3). Pub. L. 105-244, §301(c)(8)(C), substituted “section 1067k(8)” for “section 1135d-5(8)”.

Subsec. (a)(4). Pub. L. 105-244, §301(c)(8)(D), substituted “section 1067k(9)” for “section 1135d-5(9)”.

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 this title.

**§ 1067d. Repealed. Pub. L. 111-39, title III, § 302, July 1, 2009, 123 Stat. 1938**

Section, Pub. L. 89-329, title III, formerly title X, §1024, as added Pub. L. 99-498, title X, §1002, Oct. 17, 1986, 100 Stat. 1562; amended Pub. L. 102-325, title X, §1002(b), July 23, 1992, 106 Stat. 780; renumbered title III, Pub. L. 105-244, title III, §301(a)(5), Oct. 7, 1998, 112 Stat. 1636, required Secretary to submit to President and Congress a report by Jan. 1, 1996, summarizing and evaluating Federal programs to increase minority participation and representation in scientific fields.

Section was formerly classified to section 1135b-3 of this title prior to renumbering by Pub. L. 105-244.

## EFFECTIVE DATE OF REPEAL

Repeal effective as if enacted on the date of enactment of Pub. L. 110-315 (Aug. 14, 2008), see section 3 of Pub. L. 111-39, set out as an Effective Date of 2009 Amendment note under section 1001 of this title.

## SUBPART 2—PROGRAMS IN STEM FIELDS

## PRIOR PROVISIONS

A prior subpart 2, consisting of sections 1067g to 1067l, was redesignated subpart 3 of this part by Pub. L. 110-315, title III, §315(a)(1), Aug. 14, 2008, 122 Stat. 3182.

**§ 1067e. YES partnerships grant program****(a) Grant program authorized**

Subject to the availability of appropriations to carry out this subpart, the Secretary shall make grants to eligible partnerships (as described in subsection (f)) to support the engagement of underrepresented minority youth and youth who are low-income individuals (as such term is defined in section 1058 of this title) in science, technology, engineering, and mathematics through outreach and hands-on, experiential-based learning projects that encourage students in kindergarten through grade 12 who are underrepresented minority youth or low-income individuals to pursue careers in science, technology, engineering, and mathematics.

**(b) Minimum grant amount**

A grant awarded to a partnership under this subpart shall be for an amount that is not less than \$500,000.

**(c) Duration**

A grant awarded under this subpart shall be for a period of five years.

**(d) Non-Federal matching share required**

A partnership receiving a grant under this subpart shall provide, from non-Federal sources, in cash or in-kind, an amount equal to 50 percent of the costs of the project supported by such grant.

**(e) Distribution of grants**

In awarding grants under this subpart, the Secretary shall ensure that, to the maximum extent practicable, the projects funded under this subpart are located in diverse geographic regions of the United States.

**(f) Eligible partnerships**

Notwithstanding the general eligibility provision in section 1067g of this title, eligibility to receive grants under this subpart is limited to partnerships described in paragraph (5) of such section.

(Pub. L. 89-329, title III, §355, as added Pub. L. 110-315, title III, §315(a)(2), Aug. 14, 2008, 122 Stat. 3182; amended Pub. L. 111-39, title III, §301(6), July 1, 2009, 123 Stat. 1937.)

## PRIOR PROVISIONS

A prior section 355 of Pub. L. 89-329 was classified to section 1069a of this title, prior to repeal by Pub. L. 102-325.

## AMENDMENTS

2009—Subsec. (a). Pub. L. 111-39 substituted “section 1058 of this title” for “section 302”.

## EFFECTIVE DATE OF 2009 AMENDMENT

Amendment by Pub. L. 111-39 effective as if enacted on the date of enactment of Pub. L. 110-315 (Aug. 14,

2008), see section 3 of Pub. L. 111-39, set out as a note under section 1001 of this title.

**§ 1067e-1. Promotion of entry into STEM fields****(a) Authority to contract, subject to appropriations**

The Secretary is authorized to enter into a contract with a firm with a demonstrated record of success in advertising to implement a campaign to expand the population of qualified individuals in science, technology, engineering, and mathematics fields (referred to in this section as “STEM fields”) by encouraging young Americans to enter such fields.

**(b) Design of campaign**

The campaign under this section shall be designed to enhance the image of education and professions in the STEM fields and promote participation in the STEM fields, and may include—

(1) monitoring trends in youths’ attitudes toward pursuing education and professions in the STEM fields and their propensity toward entering the STEM fields;

(2) determining what factors contribute to encouraging and discouraging Americans from pursuing study in STEM fields and entering the STEM fields professionally;

(3) determining what specific factors limit the participation of groups currently underrepresented in STEM fields, including Latinos, African-Americans, and women; and

(4) drawing from the market research performed under this section and implementing an advertising campaign to encourage young Americans to take up studies in STEM fields, beginning at an early age.

**(c) Required components**

The campaign under this section shall—

(1) include components that focus tailored messages on appropriate age groups, starting with elementary school students; and

(2) link participation in the STEM fields to the concept of service to one’s country, so that young people will be encouraged to enter the STEM fields in order fulfill the obligation to be of service to their country.

**(d) Priority**

The campaign under this section shall hold as a high priority making specific appeals to Hispanic Americans, African Americans, Native Americans, students with disabilities, and women, who are currently underrepresented in the STEM fields, in order to increase their numbers in the STEM fields, and shall tailor recruitment efforts to each specific group.

**(e) Use of variety of media**

The campaign under this section shall make use of a variety of media, with an emphasis on television advertising, to reach its intended audience.

**(f) Teaching**

The campaign under this section shall include a narrowly focused effort to attract current professionals in the STEM fields, through advertising in mediums likely to reach that specific group, into teaching in a STEM field in elementary schools and secondary schools.