

the Senate, the Committee on Health, Education, Labor, and Pensions of the Senate, and the Committee on Science of the House of Representatives on the conditions of any delegation of authority under section 1863 of this title that relates to funds appropriated for any project in the major research equipment and facilities construction account.

**(e) National Academy of Sciences study on major research equipment and facilities construction**

**(1) Study**

Not later than 3 months after December 19, 2002, the Director shall enter into an arrangement with the National Academy of Sciences to perform a study on setting priorities for a diverse array of disciplinary and interdisciplinary Foundation-sponsored large research facility projects.

**(2) Transmittal to Congress**

Not later than 15 months after December 19, 2002, the Director shall transmit to the Committee on Science and the Committee on Appropriations of the House of Representatives, and to the Committee on Commerce, Science, and Transportation, the Committee on Health, Education, Labor, and Pensions, and the Committee on Appropriations of the Senate, the study conducted by the National Academy of Sciences together with the Foundation's reaction to the study authorized under paragraph (1).

(Pub. L. 107-368, §14, Dec. 19, 2002, 116 Stat. 3056.)

CODIFICATION

Section is comprised of section 14 of Pub. L. 107-368. Subsec. (b)(1), (2) of section 14 of Pub. L. 107-368 amended section 1862l of this title, and subsec. (b)(3) of section 14 of Pub. L. 107-368 amended provisions set out as a note under section 1862k of this title.

Section was enacted as part of the National Science Foundation Authorization Act of 2002, and not as part of the National Science Foundation Act of 1950 which comprises this chapter.

CHANGE OF NAME

Committee on Science of House of Representatives changed to Committee on Science and Technology of House of Representatives by House Resolution No. 6, One Hundred Tenth Congress, Jan. 5, 2007. Committee on Science and Technology of House of Representatives changed to Committee on Science, Space, and Technology of House of Representatives by House Resolution No. 5, One Hundred Twelfth Congress, Jan. 5, 2011.

DEFINITIONS

For definitions of terms used in this section, see section 4 of Pub. L. 107-368, set out as a note under section 1862n of this title.

**§ 1862n-5. Board meetings; audits; reports; scholarship eligibility**

**(a) Board meetings**

**(1) Omitted**

**(2) Open meetings**

To ensure transparency of the Board's entire decision-making process, including deliberations on Board business occurring within its various subdivisions, the Board and all of its

committees, subcommittees, and task forces (and any other entity consisting of members of the Board and reporting to the Board) shall be subject to section 552b of title 5. The preceding requirement will apply to meetings of the full Board, whenever a quorum is present; and to meetings of its subdivisions, whenever a quorum of the subdivision is present.

**(3) Compliance audit**

The Inspector General of the Foundation shall conduct an audit every three years of the compliance by the Board with the requirements described in paragraph (2). The audit shall examine the proposed and actual content of closed meetings and determine whether the closure of the meetings was consistent with section 552b of title 5.

**(4) Report**

Not later than February 15 of every third year, the Inspector General of the Foundation shall transmit to the Committee on Science of the House of Representatives, the Committee on Commerce, Science, and Transportation of the Senate, and the Committee on Health, Education, Labor, and Pensions of the Senate the audit required under paragraph (3) along with recommendations for corrective actions that need to be taken to achieve fuller compliance with the requirements described in paragraph (2), and recommendations on how to ensure public access to the Board's deliberations.

**(5) Materials relating to closed portions of meetings**

To facilitate the audit required under paragraph (3) of this subsection, the Office of the National Science Board shall maintain the General Counsel's certificate, the presiding officer's statement, and a transcript or recording of any closed meeting, for at least 3 years after such meeting.

**(b), (c) Omitted**

**(d) Scholarship eligibility**

The Director shall not exclude part-time students from eligibility for scholarships under the Computer Science, Engineering, and Mathematics Scholarship program.

(Pub. L. 107-368, §15, Dec. 19, 2002, 116 Stat. 3058; Pub. L. 110-69, title VII, §7015(a), Aug. 9, 2007, 121 Stat. 683; Pub. L. 111-358, title V, §504(c), Jan. 4, 2011, 124 Stat. 4006.)

CODIFICATION

Section is comprised of section 15 of Pub. L. 107-368. Subsecs. (a)(1) and (c) of section 15 of Pub. L. 107-368 amended section 1863 of this title, and subsec. (b) of section 15 of Pub. L. 107-368 amended section 1873 of this title.

Section was enacted as part of the National Science Foundation Authorization Act of 2002, and not as part of the National Science Foundation Act of 1950 which comprises this chapter.

AMENDMENTS

2011—Subsec. (a)(2). Pub. L. 111-358 substituted "To ensure transparency of the Board's entire decision-making process, including deliberations on Board business occurring within its various subdivisions, the Board" for "The Board" and inserted at end "The preceding requirement will apply to meetings of the full

Board, whenever a quorum is present; and to meetings of its subdivisions, whenever a quorum of the subdivision is present.”

2007—Subsec. (a)(3). Pub. L. 110-69, §7015(a)(1), substituted “an audit every three years” for “an annual audit”.

Subsec. (a)(4). Pub. L. 110-69, §7015(a)(2), substituted “every third year” for “each year”.

Subsec. (a)(5). Pub. L. 110-69, §7015(a)(3), added par. (5).

#### CHANGE OF NAME

Committee on Science of House of Representatives changed to Committee on Science and Technology of House of Representatives by House Resolution No. 6, One Hundred Tenth Congress, Jan. 5, 2007. Committee on Science and Technology of House of Representatives changed to Committee on Science, Space, and Technology of House of Representatives by House Resolution No. 5, One Hundred Twelfth Congress, Jan. 5, 2011.

#### DEFINITIONS

For definitions of terms used in this section, see section 4 of Pub. L. 107-368, set out as a note under section 1862n of this title.

### § 1862n-6. Undergraduate education reform

#### (a) In general

The Director shall award grants, on a competitive, merit-reviewed basis, to institutions of higher education to expand previously implemented reforms of undergraduate science, mathematics, engineering, or technology education that have been demonstrated to have been successful in increasing the number and quality of students studying toward and completing associate’s or baccalaureate degrees in science, mathematics, engineering, or technology.

#### (b) Uses of funds

Activities supported by grants under this section may include—

- (1) expansion of successful reform efforts beyond a single course or group of courses to achieve reform within an entire academic unit;
- (2) expansion of successful reform efforts beyond a single academic unit to other science, mathematics, engineering, or technology academic units within an institution;
- (3) creation of multidisciplinary courses or programs that formalize collaborations for the purpose of improved student instruction and research in science, mathematics, engineering, and technology;
- (4) expansion of undergraduate research opportunities beyond a particular laboratory, course, or academic unit to engage multiple academic units in providing multidisciplinary research opportunities for undergraduate students;
- (5) expansion of innovative tutoring or mentoring programs proven to enhance student recruitment or persistence to degree completion in science, mathematics, engineering, or technology;
- (6) improvement of undergraduate science, mathematics, engineering, and technology education for nonmajors, including education majors; and
- (7) implementation of technology-driven reform efforts, including the installation of technology to facilitate such reform, that di-

rectly impact undergraduate science, mathematics, engineering, or technology instruction or research experiences.

#### (c) Selection process

##### (1) Applications

An institution of higher education seeking a grant under this section shall submit an application to the Director at such time, in such manner, and containing such information as the Director may require. The application shall include, at a minimum—

(A) a description of the proposed reform effort;

(B) a description of the previously implemented reform effort that will serve as the basis for the proposed reform effort and evidence of success of that previous effort, including data on student recruitment, persistence to degree completion, and academic achievement;

(C) evidence of active participation in the proposed project by individuals who were central to the success of the previously implemented reform effort; and

(D) evidence of institutional support for, and commitment to, the proposed reform effort, including a description of existing or planned institutional policies and practices regarding faculty hiring, promotion, tenure, and teaching assignment that reward faculty contributions to undergraduate education equal to, or greater than, scholarly scientific research.

##### (2) Review of applications

In evaluating applications submitted under paragraph (1), the Director shall consider at a minimum—

(A) the evidence of past success in implementing undergraduate education reform and the likelihood of success in undertaking the proposed expanded effort;

(B) the extent to which the faculty, staff, and administrators of the institution are committed to making the proposed institutional reform a priority of the participating academic unit;

(C) the degree to which the proposed reform will contribute to change in institutional culture and policy such that a greater value is placed on faculty engagement in undergraduate education, as evidenced through promotion and tenure policies; and

(D) the likelihood that the institution will sustain or expand the reform beyond the period of the grant.

##### (3) Grant distribution

The Director shall ensure, to the extent practicable, that grants awarded under this section are made to a variety of types of institutions of higher education.

(Pub. L. 107-368, §17, Dec. 19, 2002, 116 Stat. 3060.)

#### CODIFICATION

Section was enacted as part of the National Science Foundation Authorization Act of 2002, and not as part of the National Science Foundation Act of 1950 which comprises this chapter.