

§ 1862n-4. Major research equipment and facilities construction plan

(a) Prioritization of proposed major research equipment and facilities construction

(1) Development of priorities

The Director shall—

(A) develop a list indicating by number the relative priority for funding under the major research equipment and facilities construction account that the Director assigns to each project the Board has approved for inclusion in a future budget request; and

(B) submit the list described in subparagraph (A) to the Board for approval.

(2) Criteria

The Director shall include in the criteria for developing the list under paragraph (1) the readiness of plans for construction and operation, including confidence in the estimates of the full life-cycle cost (as defined in section 2 of the National Science Foundation Authorization Act of 1998 (42 U.S.C. 1862k note)) and the proposed schedule of completion.

(3) Updates

The Director shall update the list prepared under paragraph (1) each time the Board approves a new project that would receive funding under the major research equipment and facilities construction account and periodically submit any updated list to the Board for approval.

(b) Project management

No national research facility project funded under the major research equipment and facilities construction account shall be managed by an individual whose appointment to the Foundation is temporary.

(c) Board approval of major research equipment and facilities projects

The Board shall explicitly approve any project to be funded out of the major research equipment and facilities construction account before any funds may be obligated from such account for such project.

(Pub. L. 107-368, § 14, Dec. 19, 2002, 116 Stat. 3056; Pub. L. 114-329, title II, § 204(c), Jan. 6, 2017, 130 Stat. 3000.)

REFERENCES IN TEXT

Section 2 of the National Science Foundation Authorization Act of 1998, referred to in subsec. (a)(2), is section 2 of Pub. L. 105-207, July 29, 1998, 112 Stat. 869, which is set out as a note under section 1862k of this title.

CODIFICATION

Section is comprised of section 14 of Pub. L. 107-368. As originally enacted, subsec.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. Subsec. (c) of section 14 of Pub. L. 107-368 was redesignated subsec. (b) by section 204(c)(3) of Pub. L. 114-329 without reference to the original amendments made by subsec. (b) of section 14 of Pub. L. 107-368.

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

2017—Subsec. (a). Pub. L. 114-329, § 204(c)(1), amended subsec. (a) generally. Prior to amendment, subsec. (a) related to prioritization of proposed major research equipment and facilities construction and annual reports.

Subsec. (b). Pub. L. 114-329, § 204(c)(3), redesignated subsec. (c) as (b). Prior to amendment, subsec. (b) had been omitted from this section, see Codification note above.

Subsecs. (c), (d). Pub. L. 114-329, § 204(c)(3), (4), redesignated subsec. (d) as (c) and amended it generally. Prior to amendment, subsec. (c) related to Board approval of major research equipment and facilities projects. Former subsec. (c) redesignated (b).

Subsec. (e). Pub. L. 114-329, § 204(c)(2), struck out subsec. (e) which related to National Academy of Sciences study on major research equipment and facilities construction.

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 directly 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—