

(3) enhancement of the quality of science and engineering instruction in colleges of teacher education;

(4) development of four-year college faculty and instructors in high technology fields;

(5) development of two-year community college faculty and instructors especially in high technology fields;

(6) development of precollege mathematics, science and engineering education and training;

(7) encouragement of potential students, including underrepresented and underserved populations, to pursue careers in mathematics, science, engineering, and critical foreign languages;

(8) development of instructional instrumentation and systems for postsecondary technical, engineering, and scientific education; and

(9) development of science, engineering, and education networks to aid in the development and dissemination of successful curricula, methods, and materials.

(Pub. L. 98-377, title I, §102, as added Pub. L. 99-159, title II, §201, Nov. 22, 1985, 99 Stat. 894.)

PRIOR PROVISIONS

A prior section 3912, Pub. L. 98-377, title I, §102, Aug. 11, 1984, 98 Stat. 1268, related to submission, contents, etc., of applications, prior to the general revision of this subchapter by section 201 of Pub. L. 99-159.

§ 3913. Teacher institutes

(a) Authorization to make competitive grants; covered institutions, businesses, etc.; purpose

The Foundation shall, in accordance with the provisions of this subchapter, make competitive grants to institutions of higher education, businesses, nonprofit private organizations (including schools), local education agencies, professional engineering and scientific associations, museums, libraries, public broadcasting entities (as defined in section 397(11) of title 47), and appropriate State agencies to support institutes and workshops for supervisors and teachers in public and private elementary and secondary schools for the purpose of improving the subject knowledge and teaching skills of such teachers in the areas of mathematics and science.

(b) Equitable distribution of grants; awards in each State

In making grants under this section, the Foundation shall assure that there is an equitable distribution among States of institutes established and operated with funds made available under this section. The Foundation shall award not less than one institute in each State, except that the Foundation may waive this requirement if there is no proposal from a State which meets the requirements of this subchapter. Proposals which exceed \$300,000 in any fiscal year incorporating the services or resources of more than two entities in the design and operation of the institute, may be funded at the discretion of the Director of the Foundation.

(c) Cooperation of advanced technology businesses and other businesses

Institutes assisted under this subchapter may, to the extent possible, involve the cooperation

of advanced technology businesses and other businesses which are able to supply assistance in the teaching of mathematics and science.

(d) Requirement of involvement in planning and development

In making grants under this subchapter, the Foundation shall require assurances that local education agencies will be involved in the planning and development of the institute in the case of applications submitted by other eligible applicants described in subsection (a) of this section, or that one or more such applicants will be involved in the planning and development of the institute in the case of applications submitted by State or local education agencies.

(Pub. L. 98-377, title I, §103, as added Pub. L. 99-159, title II, §201, Nov. 22, 1985, 99 Stat. 894.)

PRIOR PROVISIONS

A prior section 3913, Pub. L. 98-377, title I, §113, Aug. 11, 1984, 98 Stat. 1269, related to distribution of assistance and limitation on grants, prior to the general revision of this subchapter by section 201 of Pub. L. 99-159. See subsec. (b) of this section.

§ 3914. Materials development and methods research for mathematics, science, and engineering

(a) Authorization to award competitive grants; covered institutions, businesses, etc.; purposes

The Foundation is authorized, in accordance with the provisions of this subchapter, to award competitive grants to institutions of higher education, businesses, nonprofit private organizations, local education agencies, professional engineering and scientific associations, museums, libraries, public broadcasting entities (as defined in section 397(11) of title 47), and appropriate State agencies—

(1) for instructional curriculum improvement and faculty development in mathematics, science, and engineering;

(2) for programs designed to enhance public understanding of mathematics, science, and engineering, including the use of public broadcasting entities; and

(3) for research on methods of instruction and educational programs in mathematics, science, engineering, and critical foreign languages.

(b) Scope of studies

Studies conducted under subsection (a)(3) may include—

(1) teaching and learning research and its application to local and private sector instructional materials development and to improved teacher training programs;

(2) research on the use of local and informal science education activities;

(3) research on recruitment, retention, and improvement of mathematics, science, engineering, and critical languages faculties; and

(4) analysis of materials and methods for mathematics, science, and engineering education used in other countries and their potential application in the United States.

(c) Matching grant requirements

Funds awarded for such competitive grants shall be expended through a system requiring

matching of the grant. The minimum amount required as a match shall be equal to a percentage of the grant that is determined by the Foundation. Funds made available for matching purposes may include in-kind services or other resources.

(d) Materials or methods research application requirements

In making grant applications for materials or methods research for the purposes described in subsections (a)(1) and (a)(3), the Foundation shall assure the involvement of appropriate State or local education agencies in the case of applications submitted by other entities described in subsection (a), or that one or more of such other entities will be consulted in the case of applications submitted by State or local education agencies.

(Pub. L. 98-377, title I, §104, as added Pub. L. 99-159, title II, §201, Nov. 22, 1985, 99 Stat. 895.)

PRIOR PROVISIONS

A prior section 3914, Pub. L. 98-377, title I, §114, Aug. 11, 1984, 98 Stat. 1269, related to cooperation with business concerns, prior to the general revision of this subchapter by section 201 of Pub. L. 99-159. See section 3913(c) of this title.

§ 3915. Graduate fellowships

The Foundation is authorized, in accordance with the provisions of this subchapter, to establish and carry out a program of graduate fellowships for the purpose of encouraging and assisting promising students to continue their education and research in mathematics, science, and engineering.

(Pub. L. 98-377, title I, §105, as added Pub. L. 99-159, title II, §201, Nov. 22, 1985, 99 Stat. 896.)

PRIOR PROVISIONS

A prior section 3915, Pub. L. 98-377, title I, §115, Aug. 11, 1984, 98 Stat. 1269, related to special consideration for applications meeting the needs of underrepresented and underserved populations, prior to the general revision of this subchapter by section 201 of Pub. L. 99-159. See section 3919 of this title.

§ 3916. Other functional activities

(a) The Foundation is authorized to expend up to 15 per centum of the funds available for science and engineering education for applications which the Foundation determines will meet one or more of the functional objectives described in section 3912(b) of this title.

(b) Such programs may include a program for the exchange of mathematics, science, or engineering faculty between institutions of higher education (particularly institutions having nationally recognized research facilities) and eligible institutions. For the purposes of this section, the term "eligible institution" means an institution of higher education which—

(1) has an enrollment which includes a substantial percentage of students who are members of a minority group, or who are economically or educationally disadvantaged; or

(2) is located in a community that is not within commuting distance of a major institution of higher education; and

(3) demonstrates a commitment to meet the special educational needs of students who are

members of a minority group or are economically or educationally disadvantaged.

(Pub. L. 98-377, title I, §106, as added Pub. L. 99-159, title II, §201, Nov. 22, 1985, 99 Stat. 896.)

§ 3917. Repealed. Pub. L. 104-66, title II, § 2141(a), Dec. 21, 1995, 109 Stat. 731

Section, Pub. L. 98-377, title I, §107, as added Pub. L. 99-159, title II, §201, Nov. 22, 1985, 99 Stat. 896; amended Pub. L. 103-437, §7(c), Nov. 2, 1994, 108 Stat. 4588, related to developing and annual update of a strategic plan for science and engineering education.

§ 3918. Approval of proposals

The Foundation shall adopt approval procedures designed to assure that awards are made on the basis of the scientific and educational merit as determined by the peer review process. To the maximum extent possible, the Foundation shall assure that there is an equitable distribution of resources with respect to institutions and geographical areas.

(Pub. L. 98-377, title I, §108, as added Pub. L. 99-159, title II, §201, Nov. 22, 1985, 99 Stat. 896.)

§ 3919. Special consideration of underrepresented and underserved population

In providing financial assistance under this subchapter, the Foundation shall make every effort to ensure that consideration is given to proposals which contain provisions designed to meet the needs of underrepresented and underserved populations.

(Pub. L. 98-377, title I, §109, as added Pub. L. 99-159, title II, §201, Nov. 22, 1985, 99 Stat. 897.)

§ 3920. Availability of funds

Funds to carry out this subchapter for any fiscal year shall be made available from amounts appropriated pursuant to annual authorizations of appropriations for the National Science Foundation for Science and Engineering Education. For fiscal year 1986, funds to carry out this subchapter shall be available from amounts authorized by section 102(a)(8) of the National Science Foundation Authorization Act for fiscal year 1986.

(Pub. L. 98-377, title I, §110, as added Pub. L. 99-159, title II, §201, Nov. 22, 1985, 99 Stat. 897.)

REFERENCES IN TEXT

Section 102(a)(8) of the National Science Foundation Authorization Act for fiscal year 1986, referred to in text, is section 102(a)(8) of Pub. L. 99-159, title I, Nov. 22, 1985, 99 Stat. 887, which is not classified to the Code.

§ 3921. Prohibition against the Federal control of education

The provisions of section 1232a¹ of this title, relating to prohibition against Federal control of education, shall apply to each program and award authorized by this subchapter.

(Pub. L. 98-377, title I, §111, as added Pub. L. 99-159, title II, §201, Nov. 22, 1985, 99 Stat. 897.)

REFERENCES IN TEXT

Section 1232a of this title, referred to in text, was in the original a reference to section 432 of the General

¹ See References in Text note below.