

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.

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.