

“(c) In carrying out the provisions of this section, the Foundation shall take into account the special needs of two-year and four-year colleges and universities.”

### § 3912. Functional objectives; uses of funds

(a) In carrying out its science and engineering education responsibilities, the Foundation shall have the following functional objectives: public understanding of science and technology, faculty enhancement, student education and training, instructional development and instrumentation, and materials development and dissemination.

(b) Funds under this subchapter shall, consistent with such functional objectives, be used for—

(1) enhancement of public understanding of science and engineering through informal education activities using a variety of mediums such as broadcasting, museums, clubs, and amateur science societies;

(2) development of new science and engineering faculty resources and talents;

(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