

SUBCHAPTER XIII—DEPARTMENT OF
ENERGY SCIENCE EDUCATION PROGRAMS

Editorial Notes

CODIFICATION

This subchapter was enacted as part of part E (§§3161-3168) of title XXXI of div. C of the National Defense Authorization Act for Fiscal Year 1991, known as the Department of Energy Science Education Enhancement Act, and not as part of the Department of Energy Organization Act which comprises this chapter.

§ 7381. Findings and purposes

(a) Findings

The Congress finds the following:

(1) Scientific, technical, and engineering competence is essential to the Nation's future well-being.

(2) The scientific, technical, and engineering capability at the Federal laboratories is unmatched throughout the world.

(3) Superb research, development, testing, and evaluation occur in Department of Energy research and development facilities.

(4) Department of Energy research and development facilities will play an increasing role in assuring that the United States remains competitive in world markets.

(5) Improvements in mathematics, science, and engineering education are needed desperately to provide the trained and educated citizenry essential to the future competitiveness of the United States.

(6) The future health and vitality of the economy of the United States is predicated on the availability of an adequate supply of scientists, mathematicians, and engineers to provide for growing needs and to replenish the workforce.

(7) United States college and university enrollment in science, mathematics, and engineering programs is sharply declining at undergraduate, graduate, and post-graduate levels.

(8) The Federal Government is the largest United States employer of research scientists, mathematicians, and engineers, and the Department of Energy has a growing need for scientists, mathematicians, and engineers at a time when these enrollments are declining.

(9) Women and minorities are grossly underrepresented in science and mathematics fields, and this group represents more than 80 percent of the projected increase in the national workforce through the year 2000.

(b) Purposes

The purposes of this subchapter are—

(1) to encourage the development and implementation of science, mathematics, and engineering education programs at the Department of Energy and at its research and development facilities as part of a national effort to improve science, mathematics, and engineering education; and

(2) to provide more efficient coordination among science, mathematics, and engineering education programs.

(Pub. L. 101-510, div. C, title XXXI, §3162, Nov. 5, 1990, 104 Stat. 1840.)

Editorial Notes

REFERENCES IN TEXT

This subchapter, referred to in subsec. (b), was in the original "this part", meaning part E of title XXXI of div. C of Pub. L. 101-510, which is classified principally to this subchapter. For complete classification of part E to the Code, see Short Title note set out below and Tables.

Statutory Notes and Related Subsidiaries

SHORT TITLE

Pub. L. 101-510, div. C, title XXXI, §3161, Nov. 5, 1990, 104 Stat. 1840, provided that: "This part [part E (§§3161-3168) of title XXXI of div. C of Pub. L. 101-510, enacting this subchapter and amending section 7112 of this title] may be cited as the 'Department of Energy Science Education Enhancement Act'."

UNIVERSITY-BASED RESEARCH COLLABORATION PROGRAM

Pub. L. 105-85, div. C, title XXXI, §3155, Nov. 18, 1997, 111 Stat. 2044, which was formerly set out as a note under this section, was renumbered section 4814 of Pub. L. 107-314, the Bob Stump National Defense Authorization Act for Fiscal Year 2003, by Pub. L. 108-136, div. C, title XXXI, §3141(k)(9)(A)-(C), Nov. 24, 2003, 117 Stat. 1785, and is classified to section 2795 of Title 50, War and National Defense.

PART A—SCIENCE EDUCATION ENHANCEMENT

Editorial Notes

CODIFICATION

Pub. L. 110-69, title V, §5003(d)(1), Aug. 9, 2007, 121 Stat. 602, added heading.

§ 7381a. Science education programs

(a) Programs

The Secretary is authorized to establish programs to enhance the quality of mathematics, science, and engineering education. Any such programs shall be operated at or through the support of Department research and development facilities, shall use the scientific resources of the Department, and shall be consistent with the overall Federal plan for education and human resources in science and technology developed by the Federal Coordinating Council for Science, Engineering, and Technology.

(b) Organization of science, engineering, and mathematics education programs

(1) Director of Science, Engineering, and Mathematics Education

Notwithstanding any other provision of law, the Secretary, acting through the Under Secretary for Science (referred to in this subsection as the "Under Secretary"), shall appoint a Director of Science, Engineering, and Mathematics Education (referred to in this subsection as the "Director") with the principal responsibility for administering science, engineering, and mathematics education programs across all functions of the Department.

(2) Qualifications

The Director shall be an individual, who by reason of professional background and experience, is specially qualified to advise the Under Secretary on all matters pertaining to science, engineering, and mathematics education at the Department.