

that train substantial numbers of elementary and secondary school teachers, and (where appropriate) National Laboratories.

(b) Program elements

The regional pilot program shall include—

(1) expanding strategic, formal partnerships among universities with strength in research, universities that train substantial numbers of elementary and secondary school teachers, and the private sector;

(2) combining Department expertise with one or more National Aeronautics and Space Administration Educator Resource Centers;

(3) developing programs to permit current and future teachers to participate in ongoing research projects at National Laboratories and research universities and to adapt lessons learned to the classroom;

(4) designing and implementing course work;

(5) designing and implementing a strategy for measuring and assessing progress under the program; and

(6) developing models for transferring knowledge gained under the pilot program to other institutions and areas of the United States.

(c) Categorization

A grant under this section shall be considered an authorized activity under section 7381b of this title.

(d) Report

No later than 2 years after the award of the grant, the Secretary shall transmit to Congress a report outlining lessons learned and, if determined appropriate by the Secretary, containing a plan for expanding the program throughout the United States.

(Pub. L. 109-58, title IX, §983, Aug. 8, 2005, 119 Stat. 907.)

§ 16324. Energy research fellowships

(a) Postdoctoral fellowship program

The Secretary shall establish a program under which the Secretary provides fellowships to encourage outstanding young scientists and engineers to pursue postdoctoral research appointments in energy research and development at institutions of higher education of their choice.

(b) Senior research fellowships

(1) In general

The Secretary shall establish a program under which the Secretary provides fellowships to allow outstanding senior researchers and their research groups in energy research and development to explore research and development topics of their choosing for a period of not less than 3 years, to be determined by the Secretary.

(2) Consideration

In providing a fellowship under the program described in paragraph (1), the Secretary shall consider—

(A) the past scientific or technical accomplishment of a senior researcher; and

(B) the potential for continued accomplishment by the researcher during the period of the fellowship.

(Pub. L. 109-58, title IX, §984, Aug. 8, 2005, 119 Stat. 908.)

§ 16325. Science and Technology Scholarship Program

(a) In general

The Secretary is authorized to establish a Science and Technology Scholarship Program to award scholarships to individuals that is designed to recruit and prepare students for careers in the Department and National Laboratories.

(b) Service requirement

The Secretary may require that an individual receiving a scholarship under this section serve as a full-time employee of the Department or a National Laboratory for a fixed period in return for receiving the scholarship.

(Pub. L. 109-58, title IX, §984A, Aug. 8, 2005, 119 Stat. 908.)

PART H—INTERNATIONAL COOPERATION

§ 16341. Western Hemisphere energy cooperation

(a) Program

The Secretary shall carry out a program to promote cooperation on energy issues with countries of the Western Hemisphere.

(b) Activities

Under the program, the Secretary shall fund activities to work with countries of the Western Hemisphere to—

(1) increase the production of energy supplies;

(2) improve energy efficiency; and

(3) assist in the development and transfer of energy supply and efficiency technologies that would have a beneficial impact on world energy markets.

(c) Participation by institutions of higher education

To the extent practicable, the Secretary shall carry out the program under this section with the participation of institutions of higher education so as to take advantage of the acceptance of institutions of higher education by countries of the Western Hemisphere as sources of unbiased technical and policy expertise when assisting the Secretary in—

(1) evaluating new technologies;

(2) resolving technical issues;

(3) working with those countries in the development of new policies; and

(4) training policymakers, particularly in the case of institutions of higher education that involve the participation of minority students, such as—

(A) Hispanic-serving institutions; and

(B) part B institutions.

(d) Authorization of appropriations

There are authorized to be appropriated to carry out this section—

(1) \$10,000,000 for fiscal year 2007;

(2) \$13,000,000 for fiscal year 2008; and

(3) \$16,000,000 for fiscal year 2009.

(Pub. L. 109-58, title IX, §985, Aug. 8, 2005, 119 Stat. 908.)