

109TH CONGRESS
2D SESSION

S. 2450

To strengthen national security by encouraging and assisting in the expansion and improvement of educational programs in order to meet critical needs at the elementary, secondary, and higher education levels, and for other purposes.

IN THE SENATE OF THE UNITED STATES

MARCH 16 (legislative day, MARCH 15), 2006

Mr. AKAKA (for himself and Mr. DURBIN) introduced the following bill; which was read twice and referred to the Committee on Health, Education, Labor, and Pensions

A BILL

To strengthen national security by encouraging and assisting in the expansion and improvement of educational programs in order to meet critical needs at the elementary, secondary, and higher education levels, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Homeland Security
5 Education Act”.

1 **SEC. 2. FINDINGS AND PURPOSE.**

2 (a) FINDINGS.—Congress makes the following find-
3 ings:

4 (1) Investing in science, technology, engineer-
5 ing, mathematics, and foreign language education is
6 essential to maintaining the competitive advantage
7 and national security of the United States. Signifi-
8 cant improvements in the quantity and quality of
9 science, technology, engineering, mathematics, and
10 foreign language instruction offered in United States
11 elementary schools and secondary schools are nec-
12 essary.

13 (2) For the past 3 decades, about one-third of
14 the baccalaureate degrees awarded in the United
15 States have been granted in science and engineering,
16 compared to 59 percent in China and 66 percent in
17 Japan.

18 (3) The United States is behind its European
19 counterparts in foreign language skills, in that one-
20 half of European citizens speak a second language
21 while only 9 percent of Americans speak another
22 language.

23 (4) Elementary schools and secondary schools
24 in the United States need more qualified teachers,
25 equipment, and resources to improve education in
26 mathematics, science, and foreign languages.

1 (5) The optimum time to begin learning a sec-
2 ond language is in elementary school, when children
3 have the ability to learn and excel in several foreign
4 language acquisition skills, including pronunciation.

5 (6) Foreign language study can increase chil-
6 dren's capacity for critical and creative thinking
7 skills, and children who study a second language
8 show greater cognitive development in areas such as
9 mental flexibility, creativity, tolerance, and higher
10 order thinking skills.

11 (7) All people of the United States should strive
12 to have a global perspective. To understand the
13 world around us, we must acquaint ourselves with
14 the languages, cultures, and history of other nations.

15 (8) Federal agencies have reported shortfalls in
16 language capability that is integral to, or directly
17 support, every discipline and is an essential factor in
18 national security readiness, disaster response, law
19 enforcement, information superiority, and coalition
20 peacekeeping or warfighting missions.

21 (b) PURPOSE.—It is the purpose of this Act to ensure
22 the national security and the competitiveness of the
23 United States through increasing the quantity, diversity,
24 and quality of the teaching and learning of subjects in the

1 fields of science, technology, engineering, mathematics,
2 and foreign language.

3 **SEC. 3. SCHOLARSHIPS FOR SCIENCE, TECHNOLOGY, ENGI-**
4 **NEERING, MATHEMATICS, AND FOREIGN LAN-**
5 **GUAGE EDUCATION.**

6 (a) PURPOSE.—It is the purpose of this section to
7 establish and implement a program to award scholarships
8 to individuals who are citizens, nationals, or permanent
9 legal residents of the United States or citizens of the Free-
10 ly Associated States (as defined in section 103 of the
11 Higher Education Act of 1965 (20 U.S.C. 1003)), to serve
12 as incentives for students to obtain degrees in science,
13 technology, engineering, mathematics, and foreign lan-
14 guage.

15 (b) SCHOLARSHIPS FOR SCIENCE, TECHNOLOGY, EN-
16 GINEERING, MATHEMATICS, AND FOREIGN LANGUAGE
17 EDUCATION.—Part A of title IV of the Higher Education
18 Act of 1965 (20 U.S.C. 1070 et seq.) is amended by add-
19 ing at the end the following:

1 **“Subpart 9—Scholarships for Science, Technology,**
 2 **Engineering, Mathematics, and Foreign Lan-**
 3 **guage Education**

4 **“SEC. 420K. SCHOLARSHIPS FOR SCIENCE, TECHNOLOGY,**
 5 **ENGINEERING, MATHEMATICS, AND FOREIGN**
 6 **LANGUAGE EDUCATION.**

7 “(a) PURPOSE.—It is the purpose of this section to
 8 award scholarships to students to provide incentives for
 9 pursuing and obtaining a baccalaureate degree in science,
 10 technology, engineering, mathematics, or a critical foreign
 11 language.

12 “(b) DEFINITIONS.—In this section:

13 “(1) CRITICAL FOREIGN LANGUAGE.—The term
 14 ‘critical foreign language’ means any language iden-
 15 tified as critical by the National Security Education
 16 Board and the Secretary.

17 “(2) SCIENCE.—The term ‘science’ means any
 18 of the natural and physical sciences, including chem-
 19 istry, biology, physics, and computer science. Such
 20 term shall not include any of the social sciences.

21 “(c) PROGRAM AUTHORIZED.—From the amounts
 22 appropriated under subsection (f), the Secretary shall
 23 carry out a program to award scholarships in the amount
 24 of \$5,000 each to individuals who meet each of the fol-
 25 lowing requirements:

1 “(1) The individual agrees to obtain a bacca-
 2 laureate degree in science, technology, engineering,
 3 mathematics, or a critical foreign language.

4 “(2) The individual is a student at an institu-
 5 tion of higher education who is in good academic
 6 standing and is capable, in the opinion of the Sec-
 7 retary, of maintaining good standing in such course
 8 of study.

9 “(d) SELECTION OF RECIPIENTS.—The Secretary
 10 shall promulgate regulations to establish a formula for the
 11 selection of scholarship recipients under this section
 12 that—

13 “(1) ensures fairness and equality for appli-
 14 cants in the selection process, based on the amounts
 15 appropriated under subsection (f); and

16 “(2) awards not less than 50 percent of
 17 amounts available under this section for an academic
 18 year for scholarships to students who meet the re-
 19 quirements described in subsection (c) and are eligi-
 20 ble for a Federal Pell Grant under subpart 1 for
 21 such year.

22 “(e) FAILURE TO COMPLETE DEGREE.—If, by the
 23 end of the 5-year period beginning when an individual re-
 24 ceiving a scholarship under this section begins a program
 25 of study in accordance with the agreement described in

1 subsection (c)(1), the individual does not obtain a bacca-
 2 laureate degree in science, technology, engineering, mathe-
 3 matics, or a critical foreign language, the individual shall
 4 reimburse the Federal Government for the amount of the
 5 scholarship, including interest, at a rate and schedule to
 6 be determined by the Secretary pursuant to regulations.

7 “(f) REPORT TO CONGRESS.—

8 “(1) PROPOSED REGULATIONS.—Not later than
 9 180 days after the date of enactment of the Home-
 10 land Security Education Act, the Secretary shall—

11 “(A) publish the proposed regulations that
 12 the Secretary determines are necessary to carry
 13 out this section; and

14 “(B) submit to the appropriate committees
 15 of Congress a report on how the Secretary
 16 plans—

17 “(i) to implement the program under
 18 this section; and

19 “(ii) to advertise such program to in-
 20 stitutions of higher education and potential
 21 applicants.

22 “(2) FINAL REGULATIONS.—Not later than 180
 23 days after the last day of the comment period for
 24 the proposed regulations under paragraph (1)(A),

1 the Secretary shall promulgate the final regulations
 2 to carry out this section.

3 “(g) AUTHORIZATION OF APPROPRIATIONS.—There
 4 are authorized to be appropriated to carry out this section
 5 \$100,000,000 for fiscal year 2007, and such sums as may
 6 be necessary for each of the 5 succeeding fiscal years.”.

7 **SEC. 4. FEDERAL GRANTS TO PUBLIC SCHOOLS.**

8 (a) IN GENERAL.—Title V of the Elementary and
 9 Secondary Education Act of 1965 (20 U.S.C. 7201 et
 10 seq.) is amended by adding at the end the following:

11 **“PART E—STRENGTHENING MATHEMATICS AND**
 12 **SCIENCE EDUCATION**

13 **“SEC. 5701. DEFINITIONS.**

14 “In this part:

15 “(1) CONDITIONAL AGREEMENT.—The term
 16 ‘conditional agreement’ means an arrangement be-
 17 tween representatives of the private sector and a
 18 local educational agency to provide certain services
 19 and funds to the local educational agency, such as—

20 “(A) the donation of computer hardware
 21 and software;

22 “(B) the donation of science laboratory
 23 equipment suitable for students in kindergarten
 24 through grade 12;

1 “(C) the establishment of internship and
2 mentoring opportunities for students who par-
3 ticipate in mathematics, science, and informa-
4 tion technology programs under this part;

5 “(D) the donation of scholarship funds for
6 use at institutions of higher education by eligi-
7 ble students who have participated in the math-
8 ematics, science, and information technology
9 programs under this part; and

10 “(E) the donation of technology tools.

11 “(2) PRIVATE SECTOR.—The term ‘private sec-
12 tor’ includes corporations, universities, State or local
13 government agencies, membership organizations, and
14 other similar entities involved in the mathematics
15 and science fields.

16 “(3) SCIENCE.—The term ‘science’ means any
17 of the natural and physical sciences, including chem-
18 istry, biology, physics, and computer science. The
19 term does not include any of the social sciences.

20 **“SEC. 5702. FEDERAL GRANTS TO PUBLIC SCHOOLS.**

21 “(a) GRANT PROGRAM AUTHORIZED.—The Secretary
22 shall establish a demonstration program under which the
23 Secretary shall award grants to local educational agencies
24 to enable such agencies to—

25 “(1) develop and implement programs that—

1 “(A) build or expand mathematics and
2 science curricula;

3 “(B) provide—

4 “(i) a rich standards-based course of
5 study in mathematics and science to stu-
6 dents; and

7 “(ii) opportunities for students who
8 excel in mathematics or science, particu-
9 larly students who are members of tradi-
10 tionally underrepresented groups in the
11 fields of mathematics or science, to be
12 mentored by adults currently active in the
13 appropriate field;

14 “(2) provide mentoring opportunities for stu-
15 dents in the fields of mathematics and science;

16 “(3) upgrade existing laboratory facilities; or

17 “(4) purchase the equipment necessary to es-
18 tablish and maintain such programs.

19 “(b) APPLICATION.—

20 “(1) IN GENERAL.—A local educational agency
21 desiring a grant under this section shall submit an
22 application to the Secretary at such time, in such
23 manner, and containing such information as the Sec-
24 retary may require by regulation, in accordance with
25 paragraph (3).

1 “(2) CONTENTS.—The application described in
2 paragraph (1) shall include—

3 “(A) a description of the proposed activi-
4 ties under the grant, consistent with the uses of
5 funds described under subsection (a);

6 “(B) a description of how programs under
7 the grant will involve innovative experience
8 learning, such as laboratory experience;

9 “(C) a description of any mathematics and
10 science mentoring component (which may take
11 place at the school, at a workplace and paired
12 with internships, or via the Internet), includ-
13 ing—

14 “(i) the program model and goals;

15 “(ii) the anticipated number of stu-
16 dents served;

17 “(iii) the criteria for selecting stu-
18 dents for the mentoring component; and

19 “(iv) the mentoring best practices
20 that will be followed;

21 “(D) a description of any applicable higher
22 education scholarship program, including—

23 “(i) the criteria for student selection;

24 “(ii) the duration of the scholarships;

1 “(iii) the number of scholarships to be
2 awarded each year; and

3 “(iv) the funding levels for the schol-
4 arships;

5 “(E) evidence of the private sector partici-
6 pation and support in cash or in kind, as re-
7 quired under subsection (c); and

8 “(F) an assurance that, upon receipt of a
9 grant under this part, the local educational
10 agency will—

11 “(i) execute a conditional agreement
12 with a representative of the private sector;
13 and

14 “(ii) enter into an agreement with the
15 Secretary to comply with the requirements
16 of this part.

17 “(3) REGULATIONS.—Not later than 180 days
18 after the date of enactment of the Homeland Secu-
19 rity Education Act, the Secretary shall issue and
20 publish proposed regulations for this subsection. Not
21 later than 180 days after the date on which the pe-
22 riod for comment concerning the proposed regula-
23 tions ends, the Secretary shall issue the final guide-
24 lines under this subsection.

1 “(c) PRIVATE SECTOR PARTICIPATION.—A local edu-
 2 cational agency receiving a grant under this section shall
 3 enter into a conditional agreement with a representative
 4 of the private sector regarding the programs carried out
 5 under this section, including not less than 1 conditional
 6 agreement with a private sector entity that has agreed to
 7 recruit the entity’s employees or members in the mathe-
 8 matics and science fields to serve as mentors to students.

9 “(d) AWARD BASIS.—

10 “(1) IN GENERAL.—The Secretary shall select a
 11 local educational agency to receive a grant under
 12 this section on the basis of merit, as determined
 13 after the Secretary has conducted a comprehensive
 14 review of the application.

15 “(2) PRIORITY.—In awarding grants under this
 16 section, the Secretary shall give priority to a local
 17 educational agency that is a high need local edu-
 18 cational agency (as such term is defined in section
 19 201(b) of the Higher Education Act of 1965).

20 **“SEC. 5703. AUTHORIZATION OF APPROPRIATIONS.**

21 “There are authorized to be appropriated to carry out
 22 this part \$75,000,000 for fiscal year 2007, and such sums
 23 as may be necessary for each of the 5 succeeding fiscal
 24 years.”.

1 (b) TABLE OF CONTENTS.—The table of contents in
 2 section 2 of the Elementary and Secondary Education Act
 3 of 1965 is amended by inserting after the item relating
 4 to section 5618 the following:

“PART E—STRENGTHENING MATHEMATICS AND SCIENCE EDUCATION

“Sec. 5701. Definitions.

“Sec. 5702. Federal grants to public schools.

“Sec. 5703. Authorization of appropriations.”.

5 **SEC. 5. FROM THE LABORATORY TO THE CLASSROOM**
 6 **SCHOLARSHIPS.**

7 (a) PURPOSE.—The purpose of this section is to in-
 8 crease the amount of elementary and secondary educators
 9 with a background and expertise in scientific or engineer-
 10 ing subjects by awarding scholarships to practicing sci-
 11 entists and engineers to encourage them to return to
 12 school to become certified elementary and secondary
 13 teachers in those disciplines.

14 (b) DEFINITIONS.—In this section:

15 (1) ELIGIBLE INDIVIDUAL.—The term “eligible
 16 individual” means a person who—

17 (A) is a citizen, national, or permanent
 18 legal resident of the United States or a citizen
 19 of 1 of the Freely Associated States (as defined
 20 in section 103 of the Higher Education Act of
 21 1965 (20 U.S.C. 1003));

1 (B) holds a baccalaureate or graduate de-
2 gree from an institution of higher education, in
3 a scientific or engineering field; and

4 (C) has not less than 3 years of work expe-
5 rience in a scientific or engineering position.

6 (2) INSTITUTION OF HIGHER EDUCATION.—The
7 term “institution of higher education” has the
8 meaning given the term in section 101(a) of the
9 Higher Education Act of 1965 (20 U.S.C. 1001(a)).

10 (3) QUALIFIED EXPENSES.—The term “quali-
11 fied expenses” means the tuition, books, fees, sup-
12 plies, and equipment required for a course of in-
13 struction, at the institution of higher education the
14 eligible individual chooses to attend, that leads to el-
15 elementary or secondary teaching certification or li-
16 censure in any State, and other expenses for com-
17 pleting a teacher preparatory program or obtaining
18 a teaching certificate or license.

19 (4) SCIENTIFIC OR ENGINEERING.—The term
20 “scientific or engineering” means any discipline
21 within the natural sciences, physical sciences, tech-
22 nology, mathematics, or engineering subject areas.

23 (5) STATE.—The term “State” means each of
24 the several States of the United States and the Dis-
25 trict of Columbia.

1 (c) PROGRAM AUTHORIZED.—

2 (1) IN GENERAL.—From amounts appropriated
3 under subsection (f), the Secretary of Education
4 shall award scholarships to eligible individuals which
5 shall be used to enable the individuals to pay for
6 qualified expenses and attend an institution of high-
7 er education of the individual's choosing.

8 (2) DESIGNATION.—A scholarship awarded
9 under this section shall be known as a “From the
10 Laboratory to the Classroom Scholarship”.

11 (d) AMOUNT; DURATION.—

12 (1) AMOUNT.—A scholarship awarded under
13 this section shall be in an amount of not more than
14 \$15,000 per year.

15 (2) DURATION OF SCHOLARSHIP.—A scholar-
16 ship awarded to an eligible individual under this sec-
17 tion shall be for the period of time required for the
18 individual to complete a course of study leading to
19 elementary or secondary school teacher certification
20 or licensure in a State or a territory of the United
21 States, except that no scholarship shall exceed a pe-
22 riod of 2 years.

23 (e) TERMS OF SCHOLARSHIP.—

24 (1) EMPLOYMENT AS TEACHER.—As a condi-
25 tion of receiving a scholarship under this section, an

1 eligible individual shall agree to be employed full-
 2 time as an elementary or secondary education teach-
 3 er in science, mathematics, or engineering at a high-
 4 need, low-income school, as determined by the Sec-
 5 retary, for a period of not less than 5 years after re-
 6 ceiving the teacher certification or licensure.

7 (2) FAILURE TO TEACH.—If an individual who
 8 receives a scholarship under this section does not
 9 comply with paragraph (1), the individual shall reim-
 10 burse the Federal Government for the amount of
 11 such scholarship, including interest, at a rate and
 12 schedule to be determined by the Secretary.

13 (f) AUTHORIZATION OF APPROPRIATIONS.—There
 14 are authorized to be appropriated to carry out this sec-
 15 tion—

- 16 (1) \$300,000,000 for fiscal year 2007;
- 17 (2) \$375,000,000 for fiscal year 2008;
- 18 (3) \$450,000,000 for fiscal year 2009; and
- 19 (4) \$600,000,000 for each of the fiscal years
 20 2010 through 2013.

21 **SEC. 6. ENCOURAGING EARLY FOREIGN LANGUAGE STUD-**
 22 **IES.**

23 (a) IN GENERAL.—Title II of the Elementary and
 24 Secondary Education Act of 1965 (20 U.S.C. 6601 et
 25 seq.) is amended by adding at the end the following:

1 **“PART E—ENCOURAGING EARLY FOREIGN**
2 **LANGUAGE STUDIES**
3 **“SEC. 2501. ENCOURAGING EARLY FOREIGN LANGUAGE**
4 **STUDIES.**

5 “(a) PURPOSE.—It is the purpose of this section to
6 improve the performance of students in the study of for-
7 eign languages by encouraging States, institutions of high-
8 er education, elementary schools, and secondary schools
9 to participate in programs that—

10 “(1) upgrade the status and stature of foreign
11 language teaching by encouraging institutions of
12 higher education to assume greater responsibility for
13 improving foreign language teacher education
14 through the establishment of a comprehensive, inte-
15 grated system of recruiting and advising such teach-
16 ers;

17 “(2) focus on the education of foreign language
18 teachers as a career-long process that should con-
19 tinuously stimulate the teachers’ intellectual growth
20 and upgrade the teachers’ knowledge and skills;

21 “(3) bring foreign language teachers in elemen-
22 tary schools and secondary schools together with lin-
23 guists or higher education foreign language profes-
24 sionals to increase the subject matter knowledge and
25 improve the teaching skills of teachers through the
26 use of more sophisticated resources that institutions

1 of higher education are better able to provide than
 2 the schools; and

3 “(4) develop more rigorous foreign language
 4 curricula that are aligned with—

5 “(A) professional accepted standards for
 6 elementary and secondary education instruction;
 7 and

8 “(B) the standards expected for postsec-
 9 ondary study in foreign language.

10 “(b) DEFINITIONS.—In this section:

11 “(1) ELIGIBLE PARTNERSHIP.—The term ‘eligi-
 12 ble partnership’ means a partnership that—

13 “(A) shall include—

14 “(i) a foreign language department of
 15 an institution of higher education; and

16 “(ii) a local educational agency; and

17 “(B) may include—

18 “(i) another foreign language depart-
 19 ment, or a teacher training department, of
 20 an institution of higher education;

21 “(ii) another local educational agency,
 22 or an elementary school or secondary
 23 school;

24 “(iii) a business;

1 “(iv) a nonprofit organization, includ-
2 ing a museum;

3 “(v) a heritage or community center
4 for language study;

5 “(vi) a national language resource and
6 training center authorized under part A of
7 title VI of the Higher Education Act of
8 1965; or

9 “(vii) the State foreign language coor-
10 dinator or State educational agency.

11 “(2) HIGH NEED LOCAL EDUCATIONAL AGEN-
12 CY.—The term ‘high need local educational agency’
13 has the meaning given the term in section 201(b) of
14 the Higher Education Act of 1965.

15 “(3) CRITICAL FOREIGN LANGUAGES.—The
16 term ‘critical foreign languages’ refers to any lan-
17 guage identified as critical by the National Security
18 Education Board and the Secretary.

19 “(4) SUMMER WORKSHOP OR INSTITUTE.—The
20 term ‘summer workshop or institute’ means a work-
21 shop or institute that—

22 “(A) is conducted for a period of not less
23 than 2 weeks during the summer;

24 “(B) provides direct interaction between
25 students and faculty; and

1 “(C) provides for followup training during
2 the academic year that—

3 “(i) except as provided in clause (ii)
4 or (iii), shall be conducted in the classroom
5 for a period of not less than 3 days, which
6 may or may not be consecutive;

7 “(ii) if the program described in sub-
8 paragraph (A) is for a period of not more
9 than 2 weeks, shall be conducted for a pe-
10 riod of more than 3 days; and

11 “(iii) may be conducted through dis-
12 tance education.

13 “(c) GRANTS TO PARTNERSHIPS.—

14 “(1) IN GENERAL.—The Secretary is authorized
15 to award grants, on a competitive basis, to eligible
16 partnerships to enable the eligible partnerships to
17 pay the Federal share of the costs of carrying out
18 the authorized activities described in this section.

19 “(2) DURATION.—A grant awarded under this
20 section shall be for a period of 5 years.

21 “(3) FEDERAL SHARE.—The Federal share of
22 the costs of the activities described in this section
23 shall be—

24 “(A) 75 percent of the costs for the first
25 year of a grant under this section;

1 “(B) 65 percent of such costs for the sec-
2 ond such year; and

3 “(C) 50 percent of such costs for each of
4 the third, fourth, and fifth such years.

5 “(4) NON-FEDERAL SHARE.—The non-Federal
6 share of the costs of carrying out the authorized ac-
7 tivities described in this section may be provided in
8 cash or in kind, fairly evaluated.

9 “(5) PRIORITY.—In awarding grants under this
10 section, the Secretary shall give priority to eligible
11 partnerships—

12 “(A) that include high need local edu-
13 cational agencies; or

14 “(B) that emphasize the teaching of the
15 critical foreign languages.

16 “(d) APPLICATIONS.—

17 “(1) IN GENERAL.—Each eligible partnership
18 desiring a grant under this section shall submit an
19 application to the Secretary at such time, in such
20 manner, and accompanied by such information as
21 the Secretary may require.

22 “(2) CONTENTS.—An application submitted
23 under paragraph (1) shall include—

24 “(A) an assessment of the teacher quality
25 and professional development needs of all the

1 schools and educational agencies participating
 2 in the eligible partnership with respect to the
 3 teaching and learning of foreign languages;

4 “(B) a description of how the activities to
 5 be carried out by the eligible partnership will be
 6 based on a review of relevant research, and an
 7 explanation of why the activities are expected to
 8 improve student performance and to strengthen
 9 the quality of foreign language instruction; and

10 “(C) a description of—

11 “(i) how the eligible partnership will
 12 carry out the authorized activities de-
 13 scribed in subsection (e); and

14 “(ii) the eligible partnership’s evalua-
 15 tion and accountability plan in accordance
 16 with subsection (f).

17 “(e) AUTHORIZED ACTIVITIES.—An eligible partner-
 18 ship that receives a grant under this section may use the
 19 grant funds to carry out activities such as—

20 “(1) creating opportunities for enhanced and
 21 ongoing professional development that improves the
 22 subject matter knowledge of foreign language teach-
 23 ers;

24 “(2) recruiting university students with foreign
 25 language majors for teaching;

1 “(3) promoting strong teaching skills for for-
2 eign language teachers and teacher educators;

3 “(4) establishing foreign language summer
4 workshops or institutes (including followup training)
5 for teachers;

6 “(5) establishing distance learning programs for
7 foreign language teachers;

8 “(6) designing programs to prepare a teacher
9 at a school to provide professional development to
10 other teachers at the school and to assist novice
11 teachers at the school, including (if applicable) a
12 mechanism to integrate experiences from a summer
13 workshop or institute; and

14 “(7) developing instruction materials.

15 “(f) EVALUATION AND ACCOUNTABILITY PLAN.—
16 Each eligible partnership receiving a grant under this sec-
17 tion shall develop an evaluation and accountability plan
18 for activities assisted under this section that includes
19 strong performance objectives and measures for—

20 “(1) increased participation by students in ad-
21 vanced courses in foreign language;

22 “(2) increased percentages of secondary school
23 classes in foreign language taught by teachers with
24 academic majors in foreign language; and

1 “(3) increased numbers of foreign language
2 teachers who participate in content-based profes-
3 sional development activities.

4 “(g) REPORT.—Each eligible partnership receiving a
5 grant under this section shall annually report to the Sec-
6 retary regarding the eligible partnership’s progress in
7 meeting the performance objectives described in sub-
8 section (f).

9 “(h) TERMINATION.—If the Secretary determines
10 that an eligible partnership is not making substantial
11 progress in meeting the performance objectives described
12 in subsection (f) by the end of the third year of a grant
13 under this section, the Secretary shall not make grant pay-
14 ments to the eligible partnership for the fourth and fifth
15 years of the grant.

16 “(i) AUTHORIZATION OF APPROPRIATIONS.—There
17 are authorized to be appropriated to carry out this section
18 \$50,000,000 for fiscal year 2007, and such sums as may
19 be necessary for each succeeding fiscal year.”.

20 (b) TABLE OF CONTENTS.—The table of contents in
21 section 2 of the Elementary and Secondary Education Act
22 of 1965 is amended by inserting after the item relating
23 to section 2441 the following:

 “PART E—ENCOURAGING EARLY FOREIGN LANGUAGE STUDIES
 “Sec. 2501. Encouraging early foreign language studies.”.

1 **SEC. 7. SCIENCE, ENGINEERING, TECHNOLOGY, AND AD-**
2 **VANCED FOREIGN LANGUAGE EDUCATION**
3 **GRANT PROGRAM.**

4 (a) PURPOSE.—It is the purpose of this section to
5 support programs in institutions of higher education that
6 encourage students—

7 (1) to develop an understanding of science,
8 technology, and engineering;

9 (2) to develop foreign language proficiency; and

10 (3) to foster future international scientific col-
11 laboration.

12 (b) DEVELOPMENT.—The Secretary of Education
13 shall develop and carry out a program to award grants
14 to institutions of higher education that develop innovative
15 programs for the teaching of foreign languages.

16 (c) REGULATIONS AND REQUIREMENTS.—The Sec-
17 retary of Education shall promulgate regulations for the
18 awarding of grants under subsection (b).

19 (d) APPLICATION.—An institution of higher edu-
20 cation desiring a grant under this section shall submit an
21 application to the Secretary of Education at such time,
22 in such manner, and containing such information as the
23 Secretary shall require.

24 (e) USE OF FUNDS.—An institution of higher edu-
25 cation receiving a grant under this section shall use grant
26 funds for, among other things—

1 (1) the development of an on-campus cultural
 2 awareness program by which students attend classes
 3 taught in the foreign language and study the
 4 science, technology, or engineering developments and
 5 practices in a non-English-speaking country;

6 (2) immersion programs where students study
 7 science, technology, or engineering related
 8 coursework in a non-English-speaking country; and

9 (3) other programs, such as summer work-
 10 shops, that emphasize the intense study of a foreign
 11 language and science, technology, or engineering.

12 (f) GRANT DISTRIBUTION.—In awarding grants to
 13 institutions of higher education under this section, the
 14 Secretary of Education shall give priority to—

15 (1) institutions that have programs focusing on
 16 a curriculum that combines the study of foreign lan-
 17 guages and the study of science and technology and
 18 produces graduates who have both skills; and

19 (2) institutions teaching the languages identi-
 20 fied as critical by the National Security Education
 21 Board and the Secretary of Education.

22 (g) DEFINITIONS.—In this section:

23 (1) INSTITUTION OF HIGHER EDUCATION.—The
 24 term “institution of higher education” has the

1 meaning given such term in section 101 of the High-
 2 er Education Act of 1965 (20 U.S.C. 1001).

3 (2) SCIENCE.—The term “science” means any
 4 of the natural and physical sciences, including chem-
 5 istry, biology, physics, and computer science. Such
 6 term does not include any of the social sciences.

7 (h) AUTHORIZATION OF APPROPRIATIONS.—There
 8 are authorized to be appropriated to carry out this section,
 9 \$15,000,000 for fiscal year 2007, and such sums as may
 10 be necessary for each succeeding fiscal year.

11 **SEC. 8. NATIONAL SECURITY EDUCATION PROGRAM SERV-**
 12 **ICE AGREEMENT.**

13 Section 802(b)(2) of the David L. Boren National Se-
 14 curity Education Act of 1991 (50 U.S.C. 1902(b)(2)) is
 15 amended to read as follows:

16 “(2) will—

17 “(A) in the case of a recipient of a scholar-
 18 ship, not later than 3 years after the date of
 19 the recipient’s completion of the study for
 20 which scholarship assistance was provided
 21 under the program, work—

22 “(i) for not less than 1 year in a posi-
 23 tion in the Department of Defense, the De-
 24 partment of Homeland Security, the De-
 25 partment of State, or any element of the

1 intelligence community that is certified by
2 the Secretary as contributing to national
3 security;

4 “(ii) if such recipient demonstrates to
5 the Secretary of Defense that no position
6 described in clause (i) is available, for not
7 less than 1 year in a position in another
8 department or agency of the Federal Gov-
9 ernment that is certified by the Secretary
10 as contributing to national security; or

11 “(iii) if such recipient demonstrates to
12 the Secretary of Defense that no position
13 described in clause (i) or (ii) is available,
14 for not less than 1 academic year in a po-
15 sition in the field of education in a dis-
16 cipline related to the studies supported
17 under this section; or

18 “(B) in the case of a recipient of a fellow-
19 ship, not later than 2 years after the date of
20 the recipient’s completion of the study for
21 which the fellowship assistance was provided
22 under the program, work—

23 “(i) for not less than 1 year in a posi-
24 tion in the Department of Defense, the De-
25 partment of Homeland Security, the De-

partment of State, or any element of the intelligence community that is certified by the Secretary as contributing to national security;

“(ii) if such recipient demonstrates to the Secretary of Defense that no position described in clause (i) is available, for not less than 1 year in a position in another department or agency of the Federal Government that is certified by the Secretary as contributing to national security; or

“(iii) if such recipient demonstrates to the Secretary of Defense that no position described in clause (i) or (ii) is available, for not less than 1 academic year in a position in the field of education in a discipline related to the studies supported under this section.”.

SEC. 9. CRITICAL FOREIGN LANGUAGE EDUCATION PROGRAM.

(a) GRANTS AUTHORIZED.—From amounts appropriated under subsection (f), the Secretary of Education shall award grants to institutions of higher education to pay the Federal share of programs established by the institutions, in collaboration with elementary schools and

1 secondary schools, for language learning pathways that
2 train students from kindergarten through graduate edu-
3 cation to be proficient in the critical foreign languages.

4 (b) APPLICATION REQUIREMENTS.—An institution of
5 higher education desiring a grant under this section shall
6 submit an application to the Secretary at such time, in
7 such manner, and containing such information as the Sec-
8 retary of Education shall require. In the application, the
9 institution of higher education shall—

10 (1) demonstrate the ability of the institution to
11 collaborate effectively with elementary schools and
12 secondary schools to ensure that students who suc-
13 cessfully achieve an advanced proficiency level in a
14 critical foreign language at such schools will con-
15 tinue studying a foreign language at an institution
16 for higher education and achieve a superior pro-
17 ficiency level while enrolled in an academic degree
18 program;

19 (2) demonstrate that the program designed by
20 the institution under this section can be replicated
21 for use by other institutions of higher education and
22 elementary schools and secondary schools in the
23 United States; and

24 (3) agree to provide the non-Federal share of
25 the costs of the program under this section.

1 (c) FEDERAL SHARE; NON-FEDERAL SHARE.—The
2 Federal share of the costs of the program under this sec-
3 tion shall be not more than 90 percent of such costs. The
4 non-Federal share shall be not less than 10 percent of
5 such costs, and may be provided in cash or in kind, fairly
6 evaluated.

7 (d) PROGRAM.—A program assisted under this sec-
8 tion may include—

- 9 (1) study or work abroad opportunities;
- 10 (2) experiential and community learning;
- 11 (3) distance learning;
- 12 (4) language learning for professional purposes,
13 business, and other disciplines; and
- 14 (5) innovative opportunities for language learn-
15 ing through immersion, internships, and community
16 service.

17 (e) DEFINITION OF CRITICAL FOREIGN LAN-
18 GUAGE.—In this section, the term “critical foreign lan-
19 guage” means any language identified as critical by the
20 National Security Education Board and the Secretary of
21 Education.

22 (f) AUTHORIZATION OF APPROPRIATIONS.—There is
23 authorized to be appropriated to carry out this section
24 \$50,000,000 for fiscal year 2007 and each succeeding fis-
25 cal year.

1 **SEC. 10. WORLD LANGUAGE TEACHING SCHOLARSHIPS.**

2 (a) PURPOSE.—The purpose of this section is to in-
 3 crease the number of elementary school and secondary
 4 school educators with foreign language proficiency by
 5 awarding scholarships to language proficient individuals to
 6 enable the individuals to become certified or licensed as
 7 foreign language teachers.

8 (b) DEFINITIONS.—In this section:

9 (1) ELIGIBLE INDIVIDUAL.—The term “eligible
 10 individual” means a person who—

11 (A) is a citizen, national, or permanent
 12 legal resident of the United States or is a cit-
 13 izen of 1 of the Freely Associated States (as de-
 14 fined in section 103 of the Higher Education
 15 Act of 1965 (20 U.S.C. 1003));

16 (B) holds at least a baccalaureate degree
 17 from an institution of higher education; and

18 (C) demonstrates written and verbal flu-
 19 ency in a critical foreign language.

20 (2) CRITICAL FOREIGN LANGUAGE.—The term
 21 “critical foreign language” means any language
 22 identified as critical by the National Security Edu-
 23 cation Board and the Secretary of Education.

24 (3) INSTITUTION OF HIGHER EDUCATION.—The
 25 term “institution of higher education” has the

1 meaning given the term in section 101(a) of the
2 Higher Education Act of 1965 (20 U.S.C. 1001(a)).

3 (4) QUALIFIED EXPENSES.—The term “quali-
4 fied expenses” means the tuition, books, fees, sup-
5 plies, and equipment required for a course of in-
6 struction, at the institution of higher education the
7 eligible individual chooses to attend, that leads to el-
8 ementary or secondary teaching certification or li-
9 censure in any State, and other expenses for com-
10 pleting a teacher preparatory program or obtaining
11 a teaching certificate or license.

12 (5) STATE.—The term “State” means each of
13 the several States of the United States and the Dis-
14 trict of Columbia.

15 (c) PROGRAM AUTHORIZED.—

16 (1) IN GENERAL.—From amounts appropriated
17 under subsection (e), the Secretary of Education
18 shall award scholarships to eligible individuals that
19 shall be used to pay for the qualified expenses of a
20 teacher certification or licensure program.

21 (2) DESIGNATION.—A scholarship under this
22 section shall be known as a “World Language
23 Teaching Scholarship”.

24 (d) AMOUNT; DURATION; TERMS.—

1 (1) AMOUNT.—A scholarship awarded under
2 this section shall be in an amount of not more than
3 \$15,000 per year.

4 (2) DURATION OF SCHOLARSHIP.—A scholar-
5 ship awarded to an eligible individual under this sec-
6 tion shall be for the number of years required to
7 complete a course of study leading to elementary or
8 secondary school teaching certification in a State or
9 a territory of the United States, except that no
10 scholarship shall exceed a period of 2 years.

11 (3) TERMS OF SCHOLARSHIP.—

12 (A) EMPLOYMENT AS A TEACHER.—As a
13 condition of receiving a scholarship under this
14 section, an eligible individual shall agree to be
15 employed full-time as a foreign language ele-
16 mentary or secondary education teacher at a
17 high-need, low-income school, as determined by
18 the Secretary, for a period of not less than 5
19 years.

20 (B) FAILURE TO TEACH.—If an individual
21 who receives a scholarship under this section
22 does not comply with subparagraph (A), the in-
23 dividual shall reimburse the Federal Govern-
24 ment for the amount of such scholarship, in-

1 cluding interest, at a rate and schedule to be
 2 determined by the Secretary.

3 (e) AUTHORIZATION OF APPROPRIATIONS.—There
 4 are authorized to be appropriated to carry out this sec-
 5 tion—

6 (1) \$300,000,000 for fiscal year 2007;

7 (2) \$375,000,000 for fiscal year 2008;

8 (3) \$450,000,000 for fiscal year 2009; and

9 (4) \$600,000,000 for each of the fiscal years
 10 2010 through 2012.

11 **SEC. 11. PILOT PROGRAM FOR STUDENT LOAN REPAYMENT**
 12 **FOR FEDERAL EMPLOYEES WITH CRITICAL**
 13 **SCIENCE, TECHNOLOGY, ENGINEERING,**
 14 **MATHEMATICS, AND FOREIGN LANGUAGE**
 15 **SKILLS.**

16 (a) IN GENERAL.—Subchapter VII of chapter 53 of
 17 title 5, United States Code, is amended by inserting after
 18 section 5379 the following:

19 **“§ 5379a. Pilot program for student loan repayment**
 20 **for Federal employees with critical**
 21 **science, technology, engineering, mathe-**
 22 **matics, and foreign language skills**

23 “(a) In this section:

24 “(1) The term ‘agency’ means any agency that,
 25 based on the agency’s human capital strategic plan,

1 has a shortfall in the number of individuals pos-
2 sessing critical science, technology, engineering,
3 mathematics, and foreign language skills.

4 “(2) The term ‘human capital strategic plan’
5 means an agency’s strategic plan under section 306
6 of this title.

7 “(3) The term ‘student loan’ means—

8 “(A) a loan made, insured, or guaranteed
9 under part B of title IV of the Higher Edu-
10 cation Act of 1965 (20 U.S.C. 1071 et seq.);

11 “(B) a loan made under part D or E of
12 title IV of the Higher Education Act of 1965
13 (20 U.S.C. 1087a et seq., 1087aa et seq.); or

14 “(C) a health education assistance loan
15 made or insured under part A of title VII of the
16 Public Health Service Act (42 U.S.C. 292 et
17 seq.) or under part E of title VIII of such Act
18 (42 U.S.C. 297a et seq.).

19 “(b) The Director of the Office of Personnel Manage-
20 ment shall establish and administer a program under
21 which not less than 3 but not more than 5 agencies, for
22 a period of 5 years, shall set aside an amount, as described
23 in subsection (d), to fund a student loan repayment pro-
24 gram under section 5379 of this title to repay (by direct
25 payments on behalf of the employee) any student loan pre-

1 viously taken out by employees possessing science, tech-
2 nology, engineering, mathematics, or foreign language
3 skills deemed critical to an agency under the agency's
4 human capital strategic plan.

5 “(c) A program established under this section shall
6 remain in effect for the 5-year period beginning on the
7 date of enactment of the Homeland Security Education
8 Act. Notwithstanding the previous sentence, such program
9 shall continue to pay an employee recruited under this
10 program who is in compliance with this section and section
11 5379 of this title the employee's benefits under this sec-
12 tion through the commitment period in accordance with
13 section 5379(c).

14 “(d) Each agency participating in this program shall
15 set aside enough funds to repay the student loans of at
16 least one-half of the number of employees needed with crit-
17 ical science, technology, engineering, mathematics, or for-
18 eign language skills, according to the agency's human cap-
19 ital strategic plan.

20 “(e)(1) Not later than 60 days after the date of en-
21 actment of the Homeland Security Education Act and
22 after consultations with the heads of agencies, the Direc-
23 tor of the Office of Personnel Management shall propose
24 regulations for the pilot program.

1 “(2) Not later than 180 days after the date on which
2 the comment period for proposed regulations under para-
3 graph (1) ends, the Director of the Office of Personnel
4 Management shall promulgate final regulations.

5 “(f)(1)(A) Not later than 180 days after the date of
6 enactment of the Homeland Security Education Act, the
7 Director of the Office of Personnel Management shall re-
8 port to the appropriate committees of Congress on the im-
9 plementation of the program under this section.

10 “(B) As part of its annual report on the Federal Gov-
11 ernment’s student loan repayment program under section
12 5379, the Director of the Office of Personnel Management
13 shall report on the status of the program established
14 under this section and the success of such program in re-
15 cruiting and retaining employees possessing such skills, in-
16 cluding an assessment as to whether the program should
17 be expanded to other agencies or to individuals possessing
18 other critical skills.

19 “(2) The head of each agency establishing a student
20 loan repayment program under this section shall provide
21 any necessary information to the Director of the Office
22 of Personnel Management to enable the Director to carry
23 out this subsection.

24 “(g) For the purpose of enabling the Federal Govern-
25 ment to recruit and retain employees possessing critical

1 science, technology, engineering, mathematics, and foreign
2 language skills under this section, there are authorized to
3 be appropriated such sums as may be necessary to carry
4 out this section for each fiscal year.”.

5 (b) TECHNICAL AND CONFORMING AMENDMENT.—
6 The table of sections for chapter 53 of title 5, United
7 States Code, is amended by inserting after the item relat-
8 ing to section 5379 the following:

“Sec. 5379a. Pilot program for student loan repayment for Federal employees
with critical science, technology, engineering, mathematics, and
foreign language skills.”.

