
SUBSTITUTE HOUSE BILL 2989

State of Washington

59th Legislature

2006 Regular Session

By House Committee on Higher Education & Workforce Education (originally sponsored by Representatives Kenney, Cox, Sells, Chase, Ericks, Hasegawa, Takko, Haler, Rodne, Hunter, Quall, McCoy, Santos, Green, Schual-Berke, Springer, Dickerson, Simpson and Hudgins)

READ FIRST TIME 02/08/06.

1 AN ACT Relating to establishing the Washington teach math-science
2 program to increase the number and enhance the preparation of secondary
3 school mathematics and science teachers; amending RCW 28B.102.040,
4 28B.102.060, and 28A.660.050; reenacting and amending RCW 43.79A.040;
5 adding a new section to chapter 28B.76 RCW; adding a new chapter to
6 Title 28B RCW; and creating a new section.

7 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF WASHINGTON:

8 NEW SECTION. **Sec. 1.** (1) The legislature finds that Washington
9 students are not adequately prepared in mathematics and science:

10 (a) Despite steady annual improvement, fewer than half of the
11 seventh and tenth grade students met the state standard in mathematics
12 on the Washington assessment of student learning in 2004;

13 (b) Early results from the eighth grade students taking the
14 Washington assessment of student learning in science show that under
15 forty percent met the standard;

16 (c) In 2003, nearly half of recent high school graduates attending
17 community and technical colleges enrolled in remedial mathematics
18 courses because they were not ready for college-level mathematics; and

1 (d) In 2003, fewer than seventeen percent of bachelor's degrees
2 awarded by public colleges and universities in Washington were in
3 science and engineering fields, a proportion that declined over the
4 previous ten years.

5 (2) The legislature further finds that knowledge and skills in
6 mathematics and science are critical for Washington's future economic
7 development and the state's overall well-being:

8 (a) Jobs at all levels of training and in multiple fields - from
9 manufacturing and construction, to accounting and finance, to computer
10 technical support and programming - increasingly require workers to
11 perform calculations and analysis at higher levels of complexity;

12 (b) Shortages in the state's health care work force are well
13 documented. Health care providers at all levels need strong
14 backgrounds in physical and life sciences;

15 (c) Growth in the state's technology, biotechnology, and
16 engineering industries is dependent on ready access to individuals with
17 advanced training and degrees in mathematics and science.

18 (3) Finally, the legislature finds that a critical bottleneck for
19 future improvement in students' mathematics and science capabilities is
20 the availability of highly qualified mathematics and science teachers,
21 particularly in secondary schools.

22 (4) Therefore, the legislature intends to take a comprehensive
23 approach to improving the quantity and quality of secondary school
24 mathematics and science teachers by creating the Washington teach math-
25 science program.

26 NEW SECTION. **Sec. 2.** The Washington teach math-science program is
27 hereby created. The program consists of the following components:

28 (1) The teacher preparation programs developed under section 4 of
29 this act;

30 (2) The public-private advisory committee established under section
31 5 of this act;

32 (3) Targeted conditional scholarships and loan repayments for
33 future secondary mathematics and science teachers authorized under
34 section 6 of this act; and

35 (4) Targeted alternative routes conditional scholarships and loan
36 repayments for future mathematics and science teachers authorized under
37 section 8 of this act.

1 NEW SECTION. **Sec. 3.** The definitions in this section apply
2 throughout this chapter unless the context clearly requires otherwise.

3 (1) "Residency certification" means the first-level teaching
4 certification established under RCW 28A.410.010.

5 (2) "Secondary mathematics or science" means academic courses and
6 majors that would qualify a teacher for an endorsement on his or her
7 teaching certificate in middle-level mathematics and science; secondary
8 mathematics; secondary science; or the secondary designated sciences of
9 biology, chemistry, earth science, or physics.

10 NEW SECTION. **Sec. 4.** (1) The higher education coordinating board
11 and the professional educator standards board shall jointly select two
12 institutions of higher education, as defined in RCW 28B.10.016, to
13 develop and implement a comprehensive program to prepare secondary
14 mathematics and science teachers. The programs shall be available for
15 students by the fall 2007 term and shall include the following
16 components:

17 (a) A streamlined curriculum collaboratively designed by the
18 college of education and the college of arts and sciences or their
19 equivalents that permits students to earn a bachelor's degree and
20 residency certification in secondary mathematics or science within four
21 academic years;

22 (b) Recruitment and outreach to prospective high school and college
23 students who have expressed interest in mathematics and science,
24 informing them about the program and encouraging them to explore a
25 teaching career;

26 (c) Internship experiences during students' first two years of
27 college that provide early exposure to secondary mathematics and
28 science classrooms; and

29 (d) Best practice seminars taught by exemplary secondary
30 mathematics and science teachers.

31 (2) Requests for proposals to participate under subsection (1) of
32 this section shall be developed and released by the higher education
33 coordinating board and the professional educator standards board by
34 June 15, 2006.

35 (3) The institutions of higher education selected under this
36 section may partner with one or more community or technical colleges in

1 the development and implementation of the comprehensive program
2 provided by this section.

3 NEW SECTION. **Sec. 5.** A new section is added to chapter 28B.76 RCW
4 to read as follows:

5 (1) The board shall convene and assist an advisory committee
6 consisting of representatives of the institutions of higher education
7 selected under section 4 of this act and business and community
8 leaders. The advisory committee shall:

9 (a) Solicit for and accept grants and donations from public and
10 private sources for industry-based professional development and
11 internship opportunities related to mathematics and science for
12 students participating in a program established under section 4 of this
13 act and for practicing teachers who completed a program established
14 under section 4 of this act;

15 (b) Identify existing and develop new industry-based professional
16 development and internship opportunities related to mathematics and
17 science for students participating in a program established under
18 section 4 of this act and for practicing teachers who completed a
19 program established under section 4 of this act;

20 (c) Advise the board on development of rules regarding expenditures
21 for professional development and internship opportunities authorized
22 under this section; and

23 (d) Approve expenditures from the math-science professional
24 development account for professional development and internship
25 opportunities authorized under this section.

26 (2) The Washington teach math-science professional development
27 account is created in the custody of the state treasurer. All receipts
28 from private moneys solicited from public and private sources for
29 authorized professional development opportunities under this section
30 must be deposited into the account. Expenditures from the account may
31 be used only for professional development opportunities as provided
32 under this section. Only the director of the higher education
33 coordinating board or the director's designee may authorize
34 expenditures from the account. The account is subject to allotment
35 procedures under chapter 43.88 RCW, but an appropriation is not
36 required for expenditures.

1 **Sec. 6.** RCW 28B.102.040 and 2005 c 518 s 918 are each amended to
2 read as follows:

3 (1) The board may select participants based on an application
4 process conducted by the board or the board may (~~utilize~~) use
5 selection processes for similar students in cooperation with the
6 professional educator standards board or the office of the
7 superintendent of public instruction.

8 (2) If the board selects participants for the program, it shall
9 establish a selection committee for screening and selecting recipients
10 of the conditional scholarships. The criteria shall emphasize factors
11 demonstrating excellence including but not limited to superior
12 scholastic achievement, leadership ability, community contributions,
13 bilingual ability, willingness to commit to providing teaching service
14 in shortage areas, and an ability to act as a role model for students.
15 Priority will be given to individuals seeking certification or an
16 additional endorsement in math, science, technology, or special
17 education.

18 (3) Beginning July 1, 2006, the board shall increase the number of
19 conditional scholarships awarded by as many qualified applicants who
20 intend to teach secondary mathematics or science as the appropriation
21 will sustain, with a goal of at least seventy additional awards.

22 (4) For fiscal years 2006 and 2007, additional priority shall be
23 given to such individuals who are also bilingual. It is the intent of
24 the legislature to develop a pool of dual-language teachers in order to
25 meet the challenge of educating students who are dominant in languages
26 other than English.

27 **Sec. 7.** RCW 28B.102.060 and 2004 c 58 s 7 are each amended to read
28 as follows:

29 (1) Participants in the conditional scholarship program incur an
30 obligation to repay the conditional scholarship, with interest and an
31 equalization fee, unless they teach for two years in an approved
32 education program for each year of scholarship received, under rules
33 adopted by the board. Participants who teach in a designated teacher
34 shortage area or those receiving funds under RCW 28B.102.040(3) shall
35 have one year of loan canceled for each year they teach in the shortage
36 area.

1 (2) The interest rate shall be determined annually by the board.
2 Participants who fail to complete the teaching service shall incur an
3 equalization fee based on the remaining unforgiven balance of the loan.
4 The equalization fee shall be added to the remaining balance and repaid
5 by the participant.

6 (3) The minimum payment shall be set by the board. The maximum
7 period for repayment shall be ten years, with payments of principal and
8 interest accruing quarterly commencing six months from the date the
9 participant completes or discontinues the course of study. Provisions
10 for deferral of payment shall be determined by the board.

11 (4) The entire principal and interest of each payment shall be
12 forgiven for each payment period in which the participant teaches in an
13 approved education program until the entire repayment obligation is
14 satisfied. Should the participant cease to teach in an approved
15 education program in this state before the participant's repayment
16 obligation is completed, payments on the unsatisfied portion of the
17 principal and interest shall begin the next payment period and continue
18 until the remainder of the participant's repayment obligation is
19 satisfied.

20 (5) The board is responsible for collection of repayments made
21 under this section and shall exercise due diligence in such collection,
22 maintaining all necessary records to insure that maximum repayments are
23 made. Collection and servicing of repayments under this section shall
24 be pursued using the full extent of the law, including wage garnishment
25 if necessary. The board is responsible to forgive all or parts of such
26 repayments under the criteria established in this section and shall
27 maintain all necessary records of forgiven payments.

28 (6) Receipts from the payment of principal or interest or any other
29 subsidies to which the board as administrator is entitled, which are
30 paid by or on behalf of participants under this section, shall be
31 deposited in the future teachers conditional scholarship account and
32 shall be used to cover the costs of granting the conditional
33 scholarships, maintaining necessary records, and making collections
34 under subsection (5) of this section. The board shall maintain
35 accurate records of these costs, and all receipts beyond those
36 necessary to pay such costs shall be used to grant conditional
37 scholarships to eligible students.

1 (7) The board shall adopt rules to define the terms of repayment,
2 including applicable interest rates, fees, and deferments.

3 **Sec. 8.** RCW 28A.660.050 and 2004 c 23 s 5 are each amended to read
4 as follows:

5 The alternative route conditional scholarship program is created
6 under the following guidelines:

7 (1) The program shall be administered by the higher education
8 coordinating board. In administering the program, the higher education
9 coordinating board has the following powers and duties:

10 (a) To adopt necessary rules and develop guidelines to administer
11 the program;

12 (b) To collect and manage repayments from participants who do not
13 meet their service obligations; and

14 (c) To accept grants and donations from public and private sources
15 for the program.

16 (2) Participation in the alternative route conditional scholarship
17 program is limited to interns of the partnership grant programs under
18 RCW 28A.660.040. The Washington professional educator standards board
19 shall select interns to receive conditional scholarships.

20 (3) In order to receive conditional scholarship awards, recipients
21 shall be accepted and maintain enrollment in alternative certification
22 routes through the partnership grant program, as provided in RCW
23 28A.660.040. Recipients must continue to make satisfactory progress
24 towards completion of the alternative route certification program and
25 receipt of a residency teaching certificate.

26 (4) For the purpose of this chapter, a conditional scholarship is
27 a loan that is forgiven in whole or in part in exchange for service as
28 a certificated teacher employed in a Washington state K-12 public
29 school. The state shall forgive one year of loan obligation for every
30 two years a recipient teaches in a public school. Recipients that fail
31 to continue a course of study leading to residency teacher
32 certification or cease to teach in a public school in the state of
33 Washington in their endorsement area are required to repay the
34 remaining loan principal with interest.

35 (5) Recipients who fail to fulfill the required teaching obligation
36 are required to repay the remaining loan principal with interest and

1 any other applicable fees. The higher education coordinating board
2 shall adopt rules to define the terms for repayment, including
3 applicable interest rates, fees, and deferments.

4 (6) Beginning July 1, 2006, the board shall increase the number of
5 conditional scholarships awarded to eligible participants who intend to
6 teach secondary mathematics or science by thirty more than the number
7 awarded to prospective secondary mathematics or science teachers for
8 the 2005-06 academic year. Participants who teach mathematics or
9 science shall have one year of loan canceled for each year they teach
10 in a district with a documented shortage of mathematics or science
11 teachers.

12 (7) To the extent funds are appropriated for this specific purpose,
13 the annual amount of the scholarship is the annual cost of tuition;
14 fees; and educational expenses, including books, supplies, and
15 transportation for the alternative route certification program in which
16 the recipient is enrolled, not to exceed eight thousand dollars. The
17 board may adjust the annual award by the average rate of resident
18 undergraduate tuition and fee increases at the state universities as
19 defined in RCW 28B.10.016.

20 ~~((7))~~ (8) The higher education coordinating board may deposit all
21 appropriations, collections, and any other funds received for the
22 program in this chapter in the ~~((student loan))~~ account authorized in
23 RCW 28B.102.060.

24 **Sec. 9.** RCW 43.79A.040 and 2005 c 424 s 18, 2005 c 402 s 8, 2005
25 c 215 s 10, and 2005 c 16 s 2 are each reenacted and amended to read as
26 follows:

27 (1) Money in the treasurer's trust fund may be deposited, invested,
28 and reinvested by the state treasurer in accordance with RCW 43.84.080
29 in the same manner and to the same extent as if the money were in the
30 state treasury.

31 (2) All income received from investment of the treasurer's trust
32 fund shall be set aside in an account in the treasury trust fund to be
33 known as the investment income account.

34 (3) The investment income account may be utilized for the payment
35 of purchased banking services on behalf of treasurer's trust funds
36 including, but not limited to, depository, safekeeping, and
37 disbursement functions for the state treasurer or affected state

1 agencies. The investment income account is subject in all respects to
2 chapter 43.88 RCW, but no appropriation is required for payments to
3 financial institutions. Payments shall occur prior to distribution of
4 earnings set forth in subsection (4) of this section.

5 (4)(a) Monthly, the state treasurer shall distribute the earnings
6 credited to the investment income account to the state general fund
7 except under (b) and (c) of this subsection.

8 (b) The following accounts and funds shall receive their
9 proportionate share of earnings based upon each account's or fund's
10 average daily balance for the period: The Washington promise
11 scholarship account, the college savings program account, the
12 Washington advanced college tuition payment program account, the
13 agricultural local fund, the American Indian scholarship endowment
14 fund, the foster care scholarship endowment fund, the foster care
15 endowed scholarship trust fund, the students with dependents grant
16 account, the basic health plan self-insurance reserve account, the
17 contract harvesting revolving account, the Washington state combined
18 fund drive account, the commemorative works account, the Washington
19 international exchange scholarship endowment fund, the developmental
20 disabilities endowment trust fund, the energy account, the fair fund,
21 the fruit and vegetable inspection account, the future teachers
22 conditional scholarship account, the game farm alternative account, the
23 grain inspection revolving fund, the juvenile accountability incentive
24 account, the law enforcement officers' and fire fighters' plan 2
25 expense fund, the local tourism promotion account, the produce railcar
26 pool account, the rural rehabilitation account, the stadium and
27 exhibition center account, the youth athletic facility account, the
28 self-insurance revolving fund, the sulfur dioxide abatement account,
29 the children's trust fund, the Washington horse racing commission
30 Washington bred owners' bonus fund account, the Washington horse racing
31 commission class C purse fund account, the individual development
32 account program account, the Washington horse racing commission
33 operating account (earnings from the Washington horse racing commission
34 operating account must be credited to the Washington horse racing
35 commission class C purse fund account), the Washington teach math-
36 science professional development account, and the life sciences
37 discovery fund. However, the earnings to be distributed shall first be

1 reduced by the allocation to the state treasurer's service fund
2 pursuant to RCW 43.08.190.

3 (c) The following accounts and funds shall receive eighty percent
4 of their proportionate share of earnings based upon each account's or
5 fund's average daily balance for the period: The advanced right of way
6 revolving fund, the advanced environmental mitigation revolving
7 account, the city and county advance right-of-way revolving fund, the
8 federal narcotics asset forfeitures account, the high occupancy vehicle
9 account, the local rail service assistance account, and the
10 miscellaneous transportation programs account.

11 (5) In conformance with Article II, section 37 of the state
12 Constitution, no trust accounts or funds shall be allocated earnings
13 without the specific affirmative directive of this section.

14 NEW SECTION. **Sec. 10.** Sections 1 through 4 of this act constitute
15 a new chapter in Title 28B RCW.

16 NEW SECTION. **Sec. 11.** If specific funding for the purposes of
17 this act, referencing this act by bill or chapter number, is not
18 provided by June 30, 2006, in the omnibus appropriations act, this act
19 is null and void.

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