

108TH CONGRESS
2D SESSION

H. R. 5255

To direct the National Science Foundation to establish a competitive grant program for institutions of higher education to enhance education and job training opportunities in mathematics, science, engineering, and technology.

IN THE HOUSE OF REPRESENTATIVES

OCTOBER 7, 2004

Mr. KIND (for himself, Mr. DAVIS of Florida, Mr. SMITH of Washington, Mr. HOLT, Mr. BLUMENAUER, Mr. CHANDLER, Mr. DAVIS of Alabama, Mrs. DAVIS of California, Mr. DOOLEY of California, Mr. ETHERIDGE, Mr. FORD, Ms. HOOLEY of Oregon, Mr. LARSEN of Washington, Mr. MORAN of Virginia, Mrs. NAPOLITANO, Mr. PRICE of North Carolina, and Mr. SNYDER) introduced the following bill; which was referred to the Committee on Science, and in addition to the Committee on Education and the Workforce, for a period to be subsequently determined by the Speaker, in each case for consideration of such provisions as fall within the jurisdiction of the committee concerned

A BILL

To direct the National Science Foundation to establish a competitive grant program for institutions of higher education to enhance education and job training opportunities in mathematics, science, engineering, and technology.

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

1 **SECTION 1. GRANT PROGRAM.**

2 (a) ESTABLISHMENT.—The Director of the National
3 Science Foundation shall establish a program to award
4 competitive grants, in coordination with the Secretary of
5 Education, to institutions of higher education for in-
6 creased education and job training of United States na-
7 tionals who are undergraduate or graduate students in
8 mathematics, science, engineering, and technology. The
9 grants shall be provided to applicants who demonstrate
10 that they will institute creative and innovative methods of
11 encouraging students to study and enter into careers fo-
12 cused on mathematics, science, engineering, and tech-
13 nology.

14 (b) REQUIRED ELEMENTS.—Each application for a
15 grant under this Act shall include—

16 (1) financial incentives to students entering and
17 persisting in the study of mathematics, science, engi-
18 neering, and technology, which may include scholar-
19 ships and stipends to students wishing to pursue un-
20 dergraduate or graduate studies in mathematics,
21 science, engineering, or technology degree programs;

22 (2) a commitment to expose students to dif-
23 ferent industries through internships, fellowships,
24 part-time work, mentors, or any other mechanism
25 that the institution of higher education considers ap-
26 propriate to make students more aware of opportu-

1 nities in mathematics, science, engineering, and
2 technology careers; and

3 (3) a commitment to increase the number of
4 traditionally underrepresented students in mathe-
5 matics, science, engineering, and technology.

6 (c) PURPOSES.—A recipient of a grant under this Act
7 may use such funds for major research equipment, facili-
8 ties construction, repair and upgrades, textbooks, and
9 other purposes necessary to create a quality mathematics,
10 science, engineering, or technology academic program. Re-
11 cipients may also use such funds to create interdiscipli-
12 nary programs in mathematics, science, engineering, and
13 technology to better meet rapidly changing needs in
14 emerging fields.

15 **SEC. 2. AUTHORIZATION OF APPROPRIATIONS.**

16 There are authorized to be appropriated to the Na-
17 tional Science Foundation for carrying out this Act such
18 sums as may be necessary for fiscal years 2005 through
19 2009.

20 **SEC. 3. DEFINITION.**

21 For purposes of this Act, the term “institution of
22 higher education” has the meaning given that term in sec-
23 tion 101 of the Higher Education Act of 1965 (20 U.S.C.
24 1001).

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