

109TH CONGRESS  
1ST SESSION

# H. R. 2325

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.

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## IN THE HOUSE OF REPRESENTATIVES

MAY 12, 2005

Mr. KIND (for himself, Mr. DAVIS of Florida, Mr. ETHERIDGE, Mrs. MCCARTHY, Mr. CHANDLER, Mr. SMITH of Washington, Mr. HOLT, Mrs. JONES of Ohio, Mr. PRICE of North Carolina, Mrs. DAVIS of California, Mrs. TAUSCHER, Mr. CROWLEY, Mr. GONZALEZ, Mr. DAVIS of Alabama, Mr. CASE, Ms. SCHWARTZ of Pennsylvania, and Ms. HERSETH) 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

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## 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 2006 through  
19 2010.

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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