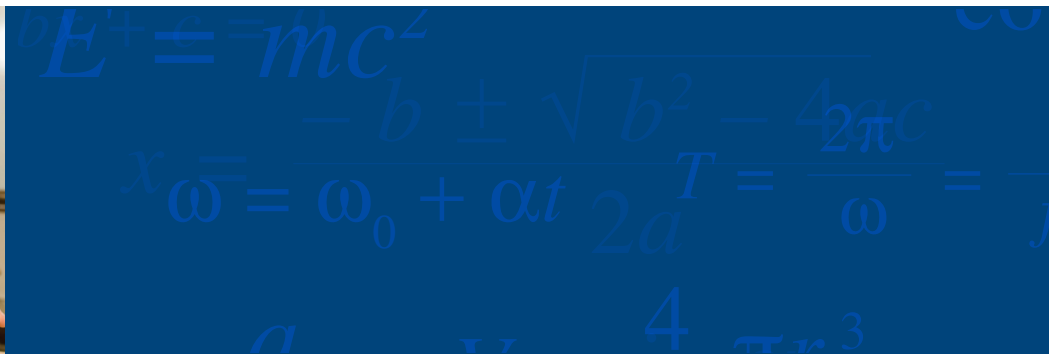


# OVERVIEW



## WHO

The mission of NMSI is to advance math and science education in the United States by expanding programs with proven results on a national scale in order to have a positive impact on America's 50 million student public school system.

## WHAT

To reverse America's troubling decline in math and science education, NMSI is in the process of replicating across the country two established programs, both commended by the National Academies' report "Rising Above the Gathering Storm" as effective programs:

- Training and incentive programs for Advanced Placement<sup>®</sup> and Pre-AP courses, which greatly increases the number of students succeeding in more rigorous AP coursework and graduating from college.
- UTeach, which encourages math and science majors to enter the teaching profession by offering compact degree plans, early teaching experiences, and financial assistance for undergraduates.

## WHY

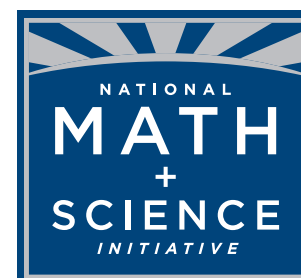
Math and science are the foundational literacy for everyone in today's global economy. NMSI was launched in March 2007 by top leaders in American business, education, and science in response to the call for action by the National Academies in Rising Above the Gathering Storm, which found that low performance in math and science is hurting the United States' global competitiveness.

## HOW

In fall 2007, NMSI awarded its first round of funding – seven \$13.2 million awards for AP training and incentive programs in high schools around the U.S. and 13 awards of \$2.4 million to launch the UTeach program in additional universities.

To learn more, visit:

[www.nationalmathandscience.org](http://www.nationalmathandscience.org)



**MULTIPLYING SUCCESS**

- The seven nonprofits receiving AP grants are in Alabama, Arkansas, Connecticut, Kentucky, Massachusetts, Virginia, and Washington.
- The 13 UTeach grantees are the University of California at Berkeley, the University of California at Irvine, the University of Colorado at Boulder, the University of Florida at Gainesville, Florida State University, the University of Houston, the University of Kansas at Lawrence, Louisiana State University, Northern Arizona University, Temple University, the University of North Texas, University of Texas at Dallas, and Western Kentucky University.

## **FUNDING**

A nonprofit organization, NMSI is leveraging public-private cooperation to solve one of our nation's most pressing challenges – staying competitive in the crucial fields of math and science. Exxon Mobil Corp. is the lead funder with a commitment of \$125 million. The Bill and Melinda Gates Foundation and the Michael and Susan Dell Foundation are also major donors and have collectively committed \$15 million over the next three years. IBM and Perot Systems have provided millions of dollars with in-kind assistance.

## **LEADERS**

A prestigious board of directors has been assembled that includes top executives from the National Academy of Sciences, leading universities, major U.S. corporations, state education agencies, foundations focusing on education, and former NASA Astronauts.

The Chief Executive Officer is Tom Luce, former Assistant Secretary of Education and co-founder of the National Center for Educational Accountability; the Chief Program Officer is John Winn, former state education commissioner of Florida.

## **APPROACH**

NMSI serves as a holding company, not only to channel private sector money to proven programs, but also to establish benchmarks, monitor implementation, and provide on-going support and expertise. Over the course of the grant, recipients are expected to seek other sources of funding, which is more feasible as programs demonstrate progress.

## **CONTACT**

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