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No Child Left Behind K-12 Mathematics and Science Education R&D Initiatives

The President continues to support the improvement of preK-12 students' math and science skills as one of his education priorities, with a special emphasis on the successful development and implementation of evidence-based educational programs and practices called for in the No Child Left Behind (NCLB) Act of 2002. The President's 2004 Budget request continues support for the Math and Science Partnership initiative and the Interagency Education Research Initiative.

Math and Science Partnership Program

In 2002 the National Science Foundation (NSF) and the Department of Education (ED) worked together to implement the new Math and Science Partnership (MSP) initiative, which brings together scientists and mathematicians from institutions of higher education with teachers and administrators from primary and secondary schools to address what needs to be done to revise and strengthen how these subjects are currently taught in U.S. schools.

In 2004, the MSP request for NSF is \$200 million, the amount originally requested by the President for this program in his 2002 Budget. MSP funding request for 2004 breaks out as follows:

- National Science Foundation requests \$200 million; and
- Department of Education requests \$12.5 million.

In addition to funding new and ongoing partnerships between institutions of higher education and local school districts, this program will fund teacher training summer institutes for more intense immersion into mathematics and science content areas.

Interagency Education Research Initiative

The President's education R&D agenda builds upon the ongoing efforts of the Interagency Education Research Initiative (IERI), which is in its fifth year of existence. The goal of the IERI is to improve preK-12 student learning and achievement in reading, math and science by conducting research on the scaling of educational practices that have already demonstrated their effectiveness in studies conducted with a limited number of students or classrooms.

In 2004, the IERI funding request remains level with the President's 2003 Budget request. IERI funding requests for 2004 breaks out as follows:

- National Science Foundation requests \$25 million;
- Department of Education requests \$20 million; and
- National Institute of Child Health and Human Development (NICHD) requests \$5 million.

In addition, the 2004 budget includes a \$10 million dollar increase in research, development and dissemination funding for the Department of Education's new Institute of Education Sciences, from \$175 to \$185 million.