Grant Title: MATH AND SCIENCE EDUCATION RESEARCH GRANTS

Grant Number: 84.305 A/B


Area of Research: Education research that contributes to improved academic achievement for all students.

Application Deadline: Letter of Intent: May 24, 2007; September 6, 2007; Application: July 26, 2007; November 1, 2007

Amount: Goal 1: $100,000-350,000 per year; Goal 2: $150,000-500,000 per year; Goal 3: $250,000-750,000 per year; Goal 4: Up to $6,000,000 over a 5 year period (but typically less); Goal 5: $150,000-400,000 per year.

Length of Support: Goal 1: Up to 2 years; Goal 2: Up to 3 years; Goal 3: Up to 4 years; Goal 4: Up to 5 years; Goal 5: Up to 4 years.

Eligible applicants: Include but are not limited to non-profit and for-profit organizations and public and private agencies and institutions, such as colleges and universities.

Agency/Department: ED; IES

Summary: This funding opportunity will fulfill five goals: (1) identifying curriculum and instructional practices that are associated with better mathematics or science outcomes, as well as mediators and moderators of the relations between these practices and student outcomes; (2) developing new curricula and instructional approaches to mathematics and science education that will eventually result in improving mathematics and science achievement; (3) establishing the efficacy of fully developed curricula and instructional approaches to mathematics and science education with small efficacy or replication trials; (4) providing evidence on the effectiveness of mathematics and science curricula and instructional approaches that are implemented at scale; and (5) developing and validating assessments for diagnosing sources of mathematics difficulties. The long-term outcome of this program will be an array of tools and strategies (e.g., curricula, programs) that have been demonstrated to be effective for improving mathematics and science learning and achievement.