Grant Title: MATH AND SCIENCE PARTNERSHIP

Funding Opportunity Number: 10-556. CFDA Number(s): 47.076.

Agency/Department: National Science Foundation, Directorate for Education & Human Resources, Division of Undergraduate Education.

Area of Research: Innovative partnerships to improve K-12 student achievement in mathematics and science.

Release and Expiration: Release Date: April 08, 2010.


Amount: Award Ceiling: $10,000,000. Award Floor: $300,000. Targeted Partnerships: $2,000,000 per year. Institute Partnerships: $1,000,000 per year. MSP-Start Partnerships: $150,000 per year. Phase II Partnerships: $700,000 per year. RETA projects: $650,000 per year. Estimated Number of Awards: 17 to 27 for MSP projects, including 3-5 Targeted Partnerships, 3-5 Institute Partnerships, 5-7 MSP-Start Partnerships, 3-5 Phase II Partnerships and 3-5 RETA awards, pending availability of funds.

Length of Support: Targeted Partnerships, Institute Partnerships: Up to 5 years. MSP-Start Partnerships: Up to 2 years. Phase II Partnerships, RETA projects: Up to 3 years.

Eligible Applicants: Proposals may only be submitted by the following: - Lead institution eligibility for any of the Partnership categories - Targeted, Institute, MSP-Start or Phase II - is limited to an institution of higher education or an eligible non-profit organization. Eligibility for Research, Evaluation and Technical Assistance (RETA) projects is open to all categories of proposers identified in the NSF Grant Proposal Guide. Any proposal to the MSP Program should be a single submission that includes support for all partners that are requesting funding from NSF.

Summary: The Math and Science Partnership (MSP) program is a major research and development effort that supports innovative partnerships to improve K-12 student achievement in mathematics and science. MSP projects are expected to raise the achievement levels of all students and significantly reduce achievement gaps in the mathematics and science performance of diverse student populations. MSP projects contribute to mathematics and science education and serve as models that have a sufficiently strong evidence/research base to improve the mathematics and science education outcomes for all students. NSF's MSP program coordinates its effort with programs of the U.S. Department of Education in the expectation that effective innovations in mathematics and science education will be disseminated into wider practice. NSF supports five types of awards: Targeted Partnerships focus on studying and solving teaching and learning issues within a specific grade range or at a critical juncture in education, and/or within a specific disciplinary focus in mathematics or the sciences; Institute Partnerships - Teacher Institutes for the 21st Century focus on meeting national needs for teacher leaders/master teachers who have deep knowledge of disciplinary content for teaching and are fully prepared to be intellectual leaders in mathematics or the sciences; MSP-Start Partnerships are for awardees new to the MSP program to support the necessary data analysis, project design, evaluation and team building activities needed to develop a full MSP Targeted or Institute Partnership; Phase II Partnerships are for prior NSF MSP Partnership awardees to continue implementation on specific innovative areas of their work where evidence of the potential for significant positive impact is clearly documented. The intent is that there will be focused efforts to carry out the necessary research to advance knowledge and understanding in the specific area(s); and Research, Evaluation and Technical Assistance (RETA) projects (a) study the relationships among MSP activities and student learning using theoretically informed, methodologically rigorous methods; (b) develop and validate instruments of teacher or student knowledge that MSPs and others can use to assess the impact of their work, or (c) provide technical assistance to MSP projects to help them rigorously evaluate their work.