

Grant Title: DISCOVERY RESEARCH K-12 (DR-K12)

Funding Opportunity Number: 09-602. CFDA Number: 47.076.

Agency/Department: National Science Foundation, Directorate for Education & Human Resources Research on Learning in Formal and Informal Settings.

Area of Research: Enable significant advances in pre K-12 student and teacher learning of the STEM disciplines through the development, implementation, and study of resources, models, and technologies for use by students, teachers, and policymakers.

Release and Expiration: Posted Date: August 03, 2009.

Application Deadline: January 07, 2010.

Amount: Research and development projects: up to \$3,500,000 with the exception of those that focus on the implementation challenge which are up to \$5,000,000. Exploratory projects: up to \$450,000. Synthesis projects: up to \$250,000. Conference/Workshop proposals: up to \$100,000. Estimated Number of Awards: 50 to 70 per year with approximately 20-25 Research and Development awards, 20-25 Exploratory awards, 5-10 Synthesis awards, and 5-10 Conference and Workshop awards.

Length of Support: Research and development projects: up to five years. Exploratory projects: up to three years. Synthesis projects up to two years. Conference/Workshop proposals: up to two years.

Eligible Applicants: Unrestricted.

Summary: The Discovery Research K-12 (DR-K12) program seeks to enable significant advances in preK-12 student and teacher learning of the STEM disciplines through the development, implementation, and study of resources, models, and technologies for use by students, teachers, and policymakers. Activities funded under this solicitation begin with a research question or hypothesis about effective preK-12 STEM learning and teaching; develop, adapt, or study innovative resources, models, or technologies; and demonstrate if, how, for whom, and why their implementation affects learning. DR-K12 invites projects that meet a variety of educational needs, from those that address immediate and pressing challenges facing preK-12 STEM education to those that anticipate opportunities for the future. DR-K12 encourages proposals that challenge existing assumptions about learning and teaching within or across STEM fields, envision needs of learners in 10-15 years, and consider new and innovative ways to reach students and teachers. All projects should be informed by current research and broaden the boundaries of schools and disciplines. DR-K12 accepts research and development, exploratory, and synthesis projects, as well as conferences and workshops related to the mission of the DR-K12 program.

Detail Information: <http://www.nsf.gov/pubs/2009/nsf09602/nsf09602.htm>