Grant Title: RESEARCH AND EVALUATION ON EDUCATION IN SCIENCE AND ENGINEERING (REESE)

Funding Opportunity Number: NSF 09-601. CFDA Number(s) - 47.076.

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

Area of Reseach: Basic and applied research and evaluation that enhance science, technology, engineering, and mathematics (STEM) learning and teaching.

Release and Expiration: N/A

Application Deadline: November 12, 2009.

Amount: The maximum award for Knowledge Diffusion and Pathways projects is $250,000. The maximum award for Empirical Research projects is $1,500,000. The maximum award for Large Empirical Research projects is $2,500,000. Estimated Number of Awards: 30 to 50 awards per year. Approximately 5-10 Pathways, 10-15 Knowledge Diffusion, 15-20 Empirical, and 5-10 Large Empirical awards.

Length of Support: Knowledge Diffusion and Pathways projects - up to two years. Empirical Research projects - up to three years. Large Empirical Research - up to five years.

Eligible Applicants: Unrestricted.

Summary: The Research and Evaluation on Education in Science and Engineering (REESE) program seeks to advance research at the frontiers of STEM learning, education, and evaluation, and to provide the foundational knowledge necessary to improve STEM teaching and learning at all educational levels and in all settings. This solicitation calls for four types of proposals-Pathways, Knowledge Diffusion, Empirical Research, and Large Empirical Research. The goals of the REESE program are: (1) to catalyze discovery and innovation at the frontiers of STEM learning,education, and evaluation; (2) to stimulate the field to produce high quality and robust research results through the progress of theory, method, and human resources; and (3) to coordinate and transform advances in education, learning research, and evaluation. REESE pursues its mission by developing an interdisciplinary research portfolio focusing on core scientific questions about STEM learning in current and emerging learning contexts, both formal and informal, from childhood through adulthood, and from before school through to graduate school and beyond into the workforce. REESE places particular importance upon the involvement of young investigators in the projects, at doctoral, postdoctoral, and early career stages, as well as the involvement of STEM disciplinary experts. In addition, research questions related to educational research methodology and evaluation are central to the REESE activity.

Detail Information: http://www.nsf.gov/pubs/2009/nsf09601/nsf09601.htm?govDel=USNSF_25