Grant Title: INSTITUTE OF EDUCATION SCIENCES-EDUCATION RESEARCH GRANT PROGRAM: COGNITION AND STUDENT LEARNING 84.305A

Funding Opportunity Number: CFDA Number(s): 84.305A.


Area of Research: Cognition and Student Learning.


Amount: Range of awards: $100,000-$1,200,000. Exploration Goal: Secondary data analysis or meta-analysis typically $100,000 to $350,000 (total cost = direct + indirect costs) per year. Data collection - typically $100,000 to $400,000 per year. Development and Innovation Goal: Typical awards for projects at this level are $150,000 to $500,000 per year. No more than 30 percent of the total funds may be used for collection of pilot data to demonstrate the promise of the intervention for achieving the desired outcomes. Efficacy and Replication Goal: Efficacy and replication evaluations are typically $250,000 to $750,000 per year, follow up studies are $150,000 to $400,000. Scale-up Evaluations Goal: Scale-up Evaluation projects are typically $500,000 to $1,200,000 per year. Follow-up studies are typically $250,000 to $600,000 per year. Measurement Goal: Typically $150,000 to $400,000 per year.

Length of Support: Exploration Goal: Secondary data analysis or meta-analysis - up to 2 years, data collection - up to 4 years, but must justify the need for the number of years requested. Development and Innovation Goal: Up to 3 years. Efficacy and Replication Goal: Up to 4 years, follow-up studies - up to 3 years. Scale-up Evaluation Goal: Scale-up Evaluation projects - up to 5 years, follow-up studies - up to 3 years. Measurement Goal: Up to 4 years.

Eligible Applicants: 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.

Summary: The purpose of the Cognition and Student Learning (Cognition) research program is to improve student learning by applying recent advances in cognitive science to education practice. The objectives of the Cognition research program are to: (1) explore underlying processes involved in reading, writing, mathematics, or science that are associated with student achievement in the relevant domain, for the purpose of identifying potential targets of intervention; (2) develop innovative interventions-instructional approaches, practices, and curricula-for improving student learning; (3) establish the efficacy of fully developed interventions and approaches for improving student learning with efficacy or replication trials; and (4) develop and/or validate measurement tools that can be used to improve student learning and achievement. The long-term outcome of this program will be an array of tools and strategies (e.g., instructional approaches, computer tutors) that are based on principles of learning and information processing gained from cognitive science and that have been documented to be efficacious for improving learning in education delivery settings from prekindergarten through high school and for vocational or adult basic education or developmental (remedial)/bridge programs for under-prepared college students.

Detail Information: http://ies.ed.gov/funding/11rfas.asp