Grant Title: COGNITION AND STUDENT LEARNING 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 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 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 improve student learning by bringing recent advances in cognitive science to (1) identify underlying processes involved in reading, writing, mathematics skills, or science that are predictive of student achievement in the relevant domain; (2) develop interventions – instructional approaches, practices, and curriculum – for improving student learning; (3) establish the efficacy of existing interventions and approaches for improving student learning with efficacy or replication trials; and (4) develop 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.