Funding Opportunities
at the Institute of Education Sciences

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National Center for Education Research
• Overview of the Institute of Education Sciences
• Research Priorities
• Grant Programs
• Research Goals
• Preparing and Submitting an Application
• What Happens Next?
Overview of the Institute of Education Sciences
Legislative Mission

• Describe the condition and progress of education in the United States

• Identify education practices that improve academic achievement and access to education opportunities

• Evaluate the effectiveness of Federal and other education programs
Organizational Structure

Office of the Director

National Board for Education Sciences

National Center for Education Research
National Center for Education Statistics
National Center for Education Evaluation
National Center for Special Ed Research
Research Priorities
Long-Term Research Goals

• Develop or identify programs, practices, policies, and approaches that enhance academic achievement

• Identify what does not work and thereby encourage innovation and further research

• Explain variations in effectiveness of education programs, practices, policies, and approaches

• Develop delivery systems for the results of education research
Outcomes of Interest
(Independent Variables)

Prekindergarten

- Readiness for schooling
- Developmental outcomes for infants and toddlers with disabilities
Outcomes of Interest
(Dependent Variables)

Kindergarten through Grade 12

- Reading and writing
- Mathematics and science
- Behaviors and social skills that support learning in school and successful transitions to post-school opportunities
- Functional skills that support independent living for students with disabilities
Outcomes of Interest
(Independent Variables)

Postsecondary Education
• Enrollment in postsecondary education
• Completion of postsecondary education

Adult Education
• Basic reading, writing, and mathematics
Conditions of Education (Independent Variables)

- Curriculum
- Instruction
- Assessment
- Quality of the education workforce
- Systems-level programs and policies
FY 2010 Research and Research Training Grant Programs
Research and Research Training Grant Programs

• Education and Special Education Research Grant Programs
• Postdoctoral Research Training Grant Programs
• National Research and Development Centers
• Statistical and Research Methodology in Education
• Evaluation of State and Local Education Programs and Policies
Education Research Programs – NCER

- Reading and Writing
- Mathematics and Science Education
- Cognition and Student Learning
- Teacher Quality
- Social and Behavioral Context for Academic Learning
- Education Leadership
- Education Policy, Finance, and Systems
- Postsecondary Education
Education Research Programs (cont.)

- Interventions for Struggling Adolescent and Adult Readers and Writers
- Middle and High School Reform
- Early Childhood Programs and Policies
- Education Technology
- English Language Learners
Special Education Research

Programs – NCSER

• Early Intervention and Early Childhood Special Education
• Reading, Writing, and Language Development
• Mathematics and Science Education
• Social and Behavioral Outcomes to Support Learning
• Transition Outcomes for Special Education Secondary Students
Special Education Research Programs (cont.)

- Cognition and Student Learning in Special Education
- Teacher Quality
- Related Services
- Special Education Policy, Finance, and Systems
- Autism Spectrum Disorders
Education Research Training Grant Program

- **Postdoctoral Program**: supports the training of postdoctoral fellows interested in conducting applied education research. (NCER and NCSER)
National Research and Development Centers

TOPIC 1: Scaling Up Effective Schools

TOPIC 2: Mathematics Standards and Assessment

TOPIC 3: Cognition and Mathematics Instruction
R&D Center on Scaling Up Effective Schools

- Identify effective schools and practices
- Develop transferable practices and a system to support the transfer of practices
- Implement identified practices in new schools
- Evaluate transfer of practices and impacts on achievement
R&D Center on Mathematics Standards and Assessment

• Establish a mathematics standards and assessment framework

• Conduct research on assessment construction and methods for setting standards
R&D Center on Cognition & Mathematics Instruction

• Identify existing mathematics curriculum that will be revised
• Rationale for redesign of instructional approach to chosen mathematics curriculum
• Revise chosen curriculum using revise-test-redesign-test process
• Evaluate effect of revised curriculum
National R&D Centers in Special Education

• TOPIC 1: Assessment and Accountability

• TOPIC 2: Improving Mathematics Instruction for Students with Mathematics Difficulties
R&D Center on Assessment and Accountability

- Examine the natural developmental progress in achievement by students with disabilities

- Develop and test various approaches for measuring growth for students with disabilities intended for use by school systems for accountability purposes.
R&D Center on Improving Mathematics Instruction for Students with Mathematics Difficulties

• Explore underlying cognitive processes that impede mathematics performance in students with mathematics difficulties for the purpose of identifying possible targets for intervention

• Develop and test innovative instructional approaches or other interventions for students with mathematics difficulties based on underlying cognitive principles
Funding available for R&D Centers

- $1,000,000 to $2,000,000 (total cost = direct + indirect) per year

- 5 years
Statistical and Research Methodology in Education

• Research projects intended to expand and improve the methodological and statistical tools available for education researchers

• $75,000 to $400,000 (total cost = direct + indirect costs) per year for up to 3 years
Evaluation of State and Local Education Programs and Policies

• Support for rigorous evaluations of education programs or policies that are implemented by state or local education agencies

• Typical awards for projects will be $500,000 to $1,200,000 (total cost = direct + indirect costs) per year for a maximum of 5 years
Research Goals
Determine Which Goal is Right for You

G1 Explore programs, practices, or malleable factors associated with better student outcomes

G2 Develop new education interventions

G3 Evaluate the efficacy of interventions

G4 Evaluate the impact of interventions implemented at scale

G5 Develop and/or validate measurement tools
Goal One: Exploration

Explore education programs, practices, and malleable factors that are associated with better student learning and achievement outcomes.
Goal One: Exploration

- $100,000 to $350,000 per year total cost (direct + indirect)
- 2 to 4 years
Goal Two: Development and Innovation

- Develop new interventions (e.g., instructional practices, curricula, teacher professional development)
- Demonstrate the feasibility of the intervention for implementation in an authentic education delivery setting
- Collect pilot data on promise of intervention to achieve intended outcomes
Goal Two: Development and Innovation

- $150,000 to $500,000 per year (total cost = direct + indirect)
- 1 to 3 years
Goal Three: Efficacy and Replication

- Test efficacy of fully developed interventions
- Efficacy = the degree to which an intervention has a net positive impact on the outcomes of interest relative to the program/practice to which it is being compared
Goal Three: Efficacy and Replication

- $250,000 to $750,000 per year (total cost)
- Up to 4 years
Goal Four: Scale-up Evaluations

- Test the impact of interventions implemented at scale
- As implemented by practitioners (i.e., not by researchers)
- Studies using randomized assignment to treatment and comparison conditions are strongly preferred
Goal Four: Scale-up Evaluations

- $500,000 to $1,200,000 per year (total cost)
- Up to 5 years
Goal Five: Measurement

- Develop and validate assessments or other measurement tools

- $150,000 to $400,000 per year (total cost = direct + indirect)

- Up to 4 years
Preparing and Submitting an Application
Getting Started

- Request for Applications
- IES Grants.gov Application Submission Guide
- Application Package
Finding Requests for Applications

FY 2010 Requests for Applications are available on:

http://ies.ed.gov/funding

Sign up for the IES Newsflash:

http://ies.ed.gov/newsflash/
Finding Application Packages

• FY 2010 Application Packages will be available on www.grants.gov

• June Application Package available
  – April 27, 2009

• October Application Package available
  – August 3, 2009
Grants.gov is your source to FIND and APPLY for federal government grants. The U.S. Department of Health and Human Services is proud to be the managing partner for Grants.gov, an initiative that is having an unparalleled impact on the grant community. Learn more about Grants.gov.

To find out if you are eligible for grant opportunities offered on this site, click here.

What's New This Week at Grants.gov

New Opportunities This Week

Information on using Adobe Acrobat software with Grants.gov

Tips for Avoiding Grant Scams and Fraud

Verify if your Adobe Reader version is compatible with Grants.gov.

Click here to view more information on Vista and Microsoft Office 2007 Compatibility.
Help Us Help You

• Read the Request for Applications carefully.
• Call or email IES program officers early in the process.
• IES program staff can review draft proposals, and provide feedback.

Don’t be afraid to contact us!
Follow Directions and Attend to Details

Read Program Announcements and Application Instructions carefully

• Eligible Applicants
• Special Requirements
• Content and Formatting Requirements
• Application Submission and Processing
• Application Due Dates
Application Due Dates

• Education and Special Education Research; Evaluation of State and Local Education Programs and Policies
  – June 25, 2009 and October 1, 2009

• Statistical and Research Methodology in Education; Research Training Grants
  – June 25, 2009

• National Research and Development Centers
  – October 1, 2009
What Happens Next?
Peer Review

- Proposal is reviewed for compliance.
- Compliant proposals are assigned to a review panel.
- Two or three panel members conduct primary review of each application.
- Most competitive applications are reviewed by full panel at the panel meeting.
Notification

- All applicants will receive email notification of the status of their application.
- All applicants receive copies of reviewer comments.
- If you are not granted an award the first time, consider resubmitting, and talk to your program officer.
http://ies.ed.gov/funding

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