

**CENTER ON SCIENCE, TECHNOLOGY,
ENGINEERING, AND MATHEMATICS FOR YOUNG
CHILDREN WITH DISABILITIES,
(ASSISTANCE LISTING NUMBER 84.327G)**

APPLICANT INFORMATION SESSION

- ▶ **Slides are for guidance only** and information has been summarized due to logistics of the webinar.
- ▶ **Read the entire Notice Inviting Applications (Notice or NIA), Application Package,** and any additional information available.
- ▶ **Review the recorded webinar** entitled “*Applying for Office of Special Education Programs Discretionary Grants*” for additional information.
- ▶ **[OSEPIdeasThatWork.org](https://www.osepideas.org)**

- ▶ **Notice Inviting Applications published: February 22, 2023**
- ▶ **Application Deadline: April 24, 2023**
 - No later than 11:59:59 pm **Eastern Time** (Washington DC)
 - Must allow time for the application to upload
 - Apply Early

- ▶ **Dear Applicant Letter**
- ▶ **Notice Inviting Applications**
 - Federal Register Notice
 - Grants.gov System Submission Procedures and Tips for Applicants
- ▶ **Priority Description and Selection Criteria**
- ▶ **General Information**
- ▶ **Required Forms**

Program Information

Purpose and Absolute Priority

Eligible Applicants

Funding Levels

Purpose is:

1. promoting the development, demonstration, and use of technology;
2. supporting educational media activities designed to be of educational value in the classroom for students with disabilities;
3. providing support for captioning and video description that is appropriate for use in the classroom; and
4. providing accessible educational materials to students with disabilities in a timely manner

84.327G Absolute Priority

The purpose of this priority is to fund a **cooperative agreement** to establish and operate a national **Center on Science, Technology, Engineering, and Mathematics (STEM) for Young Children with Disabilities** to improve outcomes for young children with disabilities by:

- Expanding the **knowledge base** on **STEM**, including the **use of technology and art** to support STEM learning, for young children with disabilities, including those who are multilingual and racially, ethnically, and culturally diverse
- Increasing **exposure of STEM** for **young children with disabilities**, including those who are **multilingual and racially, ethnically, and culturally diverse**
- Building the capacity of **professional development providers** to supporting STEM learning, including through the use of technology and art, into professional development
- Increasing capacity of **faculty** to integrate supporting STEM learning, including through the use of technology and art, **into programs of study**
- Helping **families** integrate STEM, including through the use of technology and art, **into everyday routines**

Eligible Applicants

- ▶ State educational agencies
- ▶ State lead agencies under Part C of the IDEA
- ▶ Local educational agencies (LEAs) including charter schools that operate as LEAs under State law
- ▶ Institutions of Higher Education
- ▶ Other public agencies
- ▶ Private nonprofit organizations
- ▶ Freely associated States and outlying areas
- ▶ Indian Tribes or Tribal organizations
- ▶ For-profit organizations

- ▶ **Type of award:** Cooperative Agreement
- ▶ **Maximum award:** For a single budget period of 12 months, not to exceed **\$1,450,000**
- ▶ **Estimated number of awards:** 1
- ▶ **Project period:** Up to 60 months

Competition Information

Expected Outcomes and Activities

Application Narrative and Selection Criteria

Application and General Requirements

Expected Project Outcomes

Projects are expected to meet the following outcomes:

(a) **Expand body of knowledge** on implementing evidence-based practices (EBPs) for early STEM learning that integrates STEM learning trajectories and inclusive and culturally and linguistically informed evidence-based STEM instructional methods and practices, including through the use of technology and art.

(b) **Increased capacity of faculty** in institutions of higher education (IHEs), including HBCUs, TCCUs, and other MSIs, to integrate STEM learning trajectories and inclusive and culturally and linguistically informed evidence-based STEM instructional methods and practices, including through the use of technology and art, within programs of study.

Expected Project Outcomes



(c) **Increased capacity of early childhood PD providers** in State and local early childhood systems to integrate STEM learning trajectories and inclusive and culturally and linguistically informed evidence-based STEM instructional methods and practices, including through the use of technology and art, into their PD.

(d) **Increased capacity of early childhood personnel** to integrate STEM learning trajectories and inclusive and culturally and linguistically informed STEM instructional methods and practices, including through the use of technology and art, into supports and services provided to all young children with disabilities and their families.

(e) **Increased capacity of families**, including those who are multilingual and racially, ethnically, and culturally diverse, to integrate developmentally appropriate STEM learning opportunities into everyday routines, including through the use of technology and art.



- ▶ **Significance**
- ▶ **Quality of Project Services**
- ▶ **Quality of the Project Evaluation**
- ▶ **Adequacy of Resources and Quality of Project Personnel**
- ▶ **Quality of the Management Plan**

Address current and emerging needs for –

- ▶ **Knowledge about STEM learning**, including through the use of technology and art, for young children with disabilities and their families, including those who are multilingual and racially, ethnically, or culturally diverse
- ▶ **Faculty**, including faculty at HBCUs, TCCUs, and other MSIs, to integrate STEM learning trajectories and inclusive and culturally and linguistically informed evidence-based STEM instructional methods and practices, including through the use of technology and art, into early childhood preparation programs of study that will prepare high-quality providers that serve young children with disabilities and their families, including those who are multilingual and racially, ethnically, and culturally diverse

Address current and emerging needs for –

- ▶ **PD providers** to provide PD to early childhood personnel to integrate STEM learning trajectories and inclusive and culturally and linguistically informed evidence-based STEM instructional methods and practices, including through the use of technology and art, into early childhood learning opportunities that will improve early STEM learning for young children with disabilities, including those who are multilingual and racially, ethnically, and culturally diverse
- ▶ **Families**, including those who are multilingual and racially, ethnically, and culturally diverse, to integrate developmentally appropriate STEM learning opportunities, into everyday routines, including through the use of technology and art

- ▶ Address how the proposed project will improve the potential for early STEM outcomes for young children with disabilities, including those who are multilingual and racially, ethnically, and culturally diverse; and indicate the likely magnitude or importance of these outcomes

Quality of Project Services (1 of 3)

Demonstrate how the project will –

- ▶ **Ensure equal access and treatment for members of groups that have traditionally been underrepresented;**
- ▶ **Achieve its goals, objectives and intended outcomes;**
- ▶ **Use a conceptual framework;**
- ▶ **Be based on current research and make use of EBPs;**

Demonstrate how the project will -

- ▶ **Develop products and provide services that are of high quality and sufficient intensity and duration to achieve the intended outcomes** of this proposed project; including how the proposed project intends to develop the knowledge base of -
 - ▶ Evidence-based practices on STEM learning, including the use of technology and art to improve access to STEM learning
 - ▶ How children learn STEM at various ages
 - ▶ How to integrate STEM in children's individualized plans
 - ▶ Implementation supports for programs, providers, and families to support STEM learning

- ▶ **Demonstrate how the project will approach -**
 - Universal, general TA
 - Targeted TA
 - Intensive TA

- **Demonstrate how the project will -**
 - Develop products and implement services that maximize efficiency;
 - Develop a dissemination plan

Quality of the Project Evaluation

- Articulate **formative and summative evaluation** questions, including important process and outcome evaluation questions
- Describe how **progress** in and **fidelity of implementation**, as well as **project outcomes will be measured** to answer the evaluation questions
- Describe **strategies for analyzing data** and how data collected as part of this plan will be used to inform and improve service delivery over the course of the project and to refine the proposed logic model and evaluation plan, including subsequent data collection
- **Provide a timeline for conducting the evaluation**, and include staff assignments for completing the plan
- **Dedicate sufficient funds in each budget year** to cover the costs of developing or refining the evaluation plan in consultation with the **third-party evaluator**, as well as the costs associated with the implementation of the evaluation plan by the third-party evaluator

Demonstrate in the narrative section that the proposed project will -

- ▶ **Encourage employment of traditionally underrepresented personnel**
- ▶ Engage key personnel, consultants, and subcontractors that have the **qualification and experience needed**
- ▶ **Have adequate resources** to carry out proposed activities
- ▶ Incur **costs are reasonable** in relation to the anticipated results and benefits

Demonstrate in the narrative section how the proposed management plan will -

- ▶ Ensure the project's **intended outcomes are achieved on time and within budget**
- ▶ Clearly **defined roles and responsibilities** for project personnel
- ▶ **Allocate key project personnel and any consultants and subcontractors** to achieve intended outcomes
- ▶ Ensure products and services are of **high quality, relevant, and useful** to recipients
- ▶ Benefit from a **diversity of perspectives**

Selection Criteria

▶ Significance	10 points
▶ Quality of Project Services	35 points
▶ Quality of the Project Evaluation	20 points
▶ Adequacy of Resources and Quality of Project Personnel	15 points
▶ Quality of the Management Plan	20 points
• •	<hr/> 100 points

Address requirements that include -

- ▶ In Appendix A, **personnel-loading charts and timelines** to illustrate the management plan described in the narrative;
- ▶ In the budget, sufficient funding to support –
 - **attendance at meetings** sponsored by the Department as specified in the Notice;
 - Five-percent **annual set-aside** to address emerging issues consistent with the project;

- ▶ **Engage doctoral scholars and post-doctoral fellows** in the project;
- ▶ **Maintain a high-quality website**, with an easy-to-navigate design, that meets or exceeds government or industry-recognized standards for accessibility
- ▶ Ensure that **annual progress toward meeting project goals is posted** on the project website; and
- ▶ Assurance to **assist OSEP with the transfer of pertinent resources and products and to maintain the continuity of services**

Submission Information

Application Submission

Submission Tips

Ineligible Applications

Application Tips

- ▶ Applications must be **submitted electronically using Grants.gov.**
- ▶ Applications may **NOT** be submitted via email.
- ▶ Applications must be submitted no later than 11:59:59 p.m., Eastern Time, on **April 24, 2023.**
- ▶ Application narrative sections and all other attachments to the application must be **uploaded as a PDF read-only, non-modifiable format (preferred) or Microsoft Word file.**

- ▶ **Register early.** Grants.gov may take five or more business days to complete. Be sure that your registration with the System for Award Management (SAM) is current.
- ▶ **Submit early.** Don't wait until the last day to submit your application. Grants.gov will put a date/time stamp on your application and then process it after it is fully uploaded.
- ▶ **Verify submission is ok.** Verify that Grants.gov received your submission on time and that it was validated successfully.

- ▶ Maximum funding level is noted in the Notice.
- ▶ Recommended organization, page limits, spacing, and font sizes facilitate the application review process.
- ▶ Read-only, non-modifiable PDF files facilitate the consolidating of application elements and review process.
- ▶ Read carefully “Grants.gov Submission Procedures and Tips for Applicants” found in section B of the application package.
- ▶ Ask. If you have questions, contact the competition manager to clarify.

Ineligible Applications

- ▶ Duplicate applications
- ▶ Applications received after deadline
- ▶ Applications not addressing the published priority
- ▶ Application not from an eligible applicant

Contact Information:



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