

## Education Innovation and Research Program (EIR) Project Abstract

**Applicant Name:** Georgia State University Foundation

**Project Title:** NURTURES

**Type of Grant Requested:** (select one)  Early-Phase  Mid-Phase  Expansion

**Absolute Priorities the Project Addresses:** (select all that apply)

- Absolute Priority 1-- Demonstrate a Rationale (Early), Moderate (Mid), Strong (Expansion)
- Absolute Priority 2-- Field-Initiated Innovations—General
- Absolute Priority 3-- Promoting STEM Education
- Absolute Priority 4-- Meeting Student Social, Emotional, and Academic Needs
- Absolute Priority 5-- Educator Recruitment and Retention

**Competitive Preference Priorities the Project Addresses:** (select all that apply)

- Competitive Preference Priority 1— Promoting Equity in Student Access to Educational Resources and Opportunities: Implementers and Partners
- Competitive Preference Priority 2— Addressing the Impact of COVID–19 on Students, Educators, and Faculty

**Total number of students to be served by the project:** 6,720

**Grade level(s) to be served by the project:** K-3

**Definition of high-need students:** Students at risk of educational failure who meet one or more of the following (live rural areas, live in poverty, qualify for free or reduced lunch, attend a high-minority school, are below grade level, have disabilities, are English Language Learners, or behind due to COVID-19 learning losses).

**Brief description of project activities:** This 5-year replication and scale up project evaluates the impact and cost effectiveness of the NURTURES program to previously un-served populations.

**Summary of project objectives and expected outcomes:** Objectives: To measurably improve K-3 student science, literacy, and mathematics achievement through 1) teacher professional development and 2) engagement of families of K-3 students in science inquiry practices.

**Summary of how the project is innovative:** This program includes a vital element missing from most other projects, the inclusion of parents/families in school-home linked STEM initiatives.

**Other studies related to the proposed project:** 1) NURTURES Evaluation Report: Five Year Summary: 2011-2016. Gale Mentzer & Peter Paprzcki (<https://eric.ed.gov/?id=ED643333>)This study was reviewed by IES (<https://ies.ed.gov/ncee/wwc/Study/86102>)and rated Tier 2 Moderate Evidence. 2) NURTURES: Longitudinal Summary of Project Impact on Students' Mathematics, Reading, & Science Learning. Gale A. Mentzer & Peter Paprzycki (<https://eric.ed.gov/?q=nurtures&id=ED641334>)This study was reviewed by IES (<https://ies.ed.gov/ncee/wwc/Study/89797>)and rated Tier 2 Moderate Evidence.

**Proposed implementation sites:** Schools in Georgia.

**Organizations partnering with this project:** Georgia State University Foundation, University of Toledo (OH), and WestEd.