

## Enhancing Quality in Teacher Preparation in Mathematics within Urban Partnerships

**PR Award #:** U336S180044

**Organization Name:** The University of Central Florida Board of Trustees

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**Project Model:** Pre Bac Model

**Competitive Preference Priorities:** (1) *Promoting STEM Education*, and (2) *Promoting Effective Instruction in Classrooms and Schools*

**Requested Total Award Amount:** \$ 3,388,951.00

**Project Description:** The project will develop, implement, evaluate, and disseminate an ***Enhanced Preparation Model*** that incorporates evidence-based, culturally relevant practices, including social/emotional supports, within an enhanced, school-based partnership model of educator preparation and clinical experiences. Interdisciplinary teams of national researchers, university Professors-in-Residence, and school district instructional coaches will co-construct and evaluate high-quality, classroom implementation at each school site by teams of coaches, prospective teachers and supervising teachers, using multiple qualitative and quantitative formative and summative measures, including randomized controlled trials (RCTs).

**Project Expected Outcomes:** The project's three primary goals and outcomes are: recruit prospective teachers from diverse backgrounds and identify supervising teachers and instructional coaches as teams within identified high-need schools; develop, pilot, implement, rigorously evaluate, and disseminate an ***Enhanced Preparation Model*** focused on the knowledge, skills, and classroom implementation of evidence-based instruction and interventions in mathematics and disciplinary literacy by both prospective and supervising teachers that improve learning in mathematics for students with diverse learning needs in high-need schools (HNS); retain and continuously develop teachers in HNS throughout their careers: program completion, induction into the profession, and continuous career development and enhancement through sustained support and mentorship.

**Project Special Features:** To help teachers increase their capacities to meet the unique needs of every student, this project will develop, implement, evaluate, and disseminate an ***Enhanced Preparation Model*** that incorporates evidence-based, culturally relevant practices, including social/emotional supports, within school-based clinical experiences. Interdisciplinary teams of national researchers, university Professors-in-Residence, and school district instructional coaches will co-construct and evaluate high-quality, classroom implementation at each school site by teams of coaches, prospective teachers and supervising teachers. National, comprehensive dissemination of products, processes, and results will occur in collaboration with multiple educational partners representing other federal investments in educator development.

**Project Partners:** The Orange County Public School District, the University of Central Florida (UCF), Ivey Lane Elementary, University of Central Florida, and College of Community Innovation and Education.