

PR Award #: U336S190006

Organization Name: University Corporation at Monterey Bay

Address: 100 Campus Center, Seaside, CA 93955

Program Contact: Dr. Erin M. Ramirez

Phone: 831-582-5087

Email: erramirez@csumb.edu

Project Model: Residency Model

Competitive Preference Priorities: (1) Promoting STEM Education (Computer Science)

Invitational Priority – Opportunity Zones: (Y/N)

Requested Total Award Amount: No

Project Description:

The overarching goal of this project is to increase achievement among K-12 students by preparing highly qualified prospective teachers through rigorous curriculum reform, a yearlong clinical residency model, and sustained intensive professional development opportunities in both STEM and literacy fields.

The project has five goals centered around: 1) recruitment of teachers from underrepresented populations and high-needs subject areas (STEM fields, computer science, bilingual education, and special education); 2) residency model that includes a yearlong clinical experience with a highly qualified mentor teacher and tightly aligned rigorous graduate level coursework; 3) a formalized two-year induction model for new teachers; 4) sustained evidence-based and classroom-focused professional development opportunities around STEM and literacy integration across the curriculum for prospective, new, and practicing teachers and clinical coaches; and 5) improvement science to engage in continuous improvement throughout the duration of the project.

Project Expected Outcomes:

The outcomes of the project are centered around the five goals and lead towards building capacity and sustainability beyond the funding period. Expected outcomes include, but are not limited to, recruiting teachers from underrepresented populations and high-needs content areas; increasing the number of highly qualified teachers entering the field so that partner districts can hire and retain effective new teachers; creation of a formalized teacher induction program to support new teacher retention and effectiveness; increased teacher knowledge around STEM practices and integrating literacy across the content areas to improve student literacy achievement and reduce the number of Long-Term English Learners; and effective implementation of improvement science to ensure all project outcomes are met or exceeded.

Project Special Features:

CSUMB is a unique program that has made service learning a required element of the academic program. The goal is to help CSUMB students become multicultural community builders: students who can work sensitively and effectively in a diverse society.

Project Partners: California State University Monterey Bay (CSUMB), College of Science, School of Computing and Design, Makerspace, Center for Academic Technology (CAT), CSUMB and 8 LEAs: Salinas UHSD, Salinas City ESD, Alisal ESD, Greenfield USD, Gonzales USD, King City USD, Soledad USD, and South Monterey JUHSD; and the Monterey County Office of Education.