PR Award #: U336S190038
Organization Name: The Regents of the University of California, Los Angeles
Address: 1320 Moore Hall, Box 951521, Los Angeles, CA
Program Contact: Annamarie Francois
Phone: 310-825-6812
Email: francois@gseis.ucla.edu
Project Model: Residency Model
Competitive Preference Priorities: CPP1: Projects designed to improve student achievement or other educational outcomes in computer science
Invitational Priority – *No*
Requested Total Award Amount:
Project Description:
(ACCESS), STEM+C3 is an innovative 16-month program leading to a California Preliminary Teaching Credential (in Math or Science), Computer Science Supplemental Authorization and master's degree in Education. STEM+C3 will serve 48 preservice teachers and approximately 16 to 20 in-service STEM and Computer Science teachers. Includes the thoughtful integration of three critical C's: **C**omputational Thinking Practices, **C**omputer Science Principles, and **C**ommunity of Practice.
Project Expected Outcomes:
IMPACT's robust and effective STEM teacher residency program will create a sustainable and systemic approach to developing a community of STEM teachers who understand and leverage computational thinking and computer science principles into their practice, foundational components of today's classroom. Hopes to transform STEM learning for an estimated 8,000 – 27,000 students over the life of the grant, and thousands more in the future.
Project Special Features:
This project builds on the wealth of knowledge and experience gained from the successful design and implementation of the UCLA IMPACT Urban Teacher Residency Program, which successfully prepared 255 highly effective math and science teachers for high needs schools in Los Angeles.
Project Partners:
The Centinela Valley Union High School District including Lloyde, Leuzinger, Lawndale, and Hawthorne High School, The Alliance for California Computing Education for Students and Schools, UCLA Center X, and the Alliance for California Computing Education for Students.