

Project Name	Participant Institutions as of January 22, 2019
Advancing California Chemistry Education into the 21st Century with Individualized Adapted Learning	UC Davis, CSU San Bernardino, Woodland Community College, Mendocino College
Building and Testing a New Model for Continuous Improvement of High-Impact Online and	UCLA, Cal State Los Angeles, LA Pierce College
Building College-Level Number Sense with Adaptive Technology	CSU San Bernardino, Riverside City College
California Challenges in STEM Energy Education	CSU Bakersfield, UC Merced, Bakersfield College
Community Sourced, Data-Driven Improvements to Open, Adaptive Courseware	Santa Ana College, CSU Fullerton
Computing Talent Initiative- Problem Solving Labs	CSU Monterey Bay, Hartnell College, Cabrillo College, CSU Dominguez Hills, El Camino College, San Jose State University, Orange Coast College, CSU Long Beach, City College of San Francisco, Ohlone College, San Francisco State University
Creating an Adaptive Online STEM Learning Environment from Shared Content Using Online Community and Crowd Sourcing Technologies	UC Berkeley, UC Irvine, Foothill College, Laney College, Sonoma State University
Developing Student Identity and Self-Perception as Capable STEM Thinkers and Learners at the Community College Level	College of Marin, UC Berkeley, Sonoma State University
Eliminating Equity Gaps in Online STEM Gateway Courses through Humanized Instruction	Foothill-DeAnza CC District (Foothill & De-Anza), Humboldt State University, UC Irvine, Modesto Junior College
Facilitate Student-Driven Learning through a Hybrid Interactive Learning Environment that Actively Listens to, Observes and Responds to Student Inputs and Behaviors	CSU San Marcos, MiraCosta College
Hands-On Virtual Reality Science Labs	CSU San Marcos, MiraCosta College, UC Berkeley
Improving Learning Outcomes, Equity and Accessibility in General Chemistry	Shasta College, UC Davis
Improving Retention in Engineering: Development of Unbiased Online Gaming Modules	UC Davis, American River College, CSU Sacramento
Introducing Research Deconstruction Pedagogy into Gateway Courses to Improve Student Engagement with STEM	UCLA, Fresno State University, Santa Monica College, Glendale Community College

Kindergartners don't start by writing essays -- introductory programmers shouldn't either	UC San Diego, Mesa Community College, CSU San Marcos, CSU Long Beach
The Mechanics of Inclusion and Inclusivity in Mechanics	California Polytechnic State University, San Luis Obispo, Allan Hancock College, UC Santa Barbara
Optimizing the Online Learning Environment in Hybrid Courses and Improving Student Outcomes in Gateway Chemistry Courses	UC Riverside, CSU Northridge, Glendale Community College, Columbia Community College
Promoting Self-Regulated Learning in Online STEM Gateway Courses	UC Irvine, CSU Fullerton, Irvine Valley College
Realizing Engineering Potential Through Summer Math Bridge Programs	San Jose State University, UCLA, San Jose City College, Evergreen Valley College
Reducing attrition and enhancing student success via active adaptive learning in a freshman Mechanical Engineering class.	UC Riverside, Riverside City College
Reimagining the Introductory Math Curriculum for Life Science Students: Technology- Supported Pathways for Equitable Achievement of Quantitative Literacy	Santa Monica College, Cal State Los Angeles, UCLA