

Summary

TEST-UP: Talent Expansion in Science and Technology - An Urban Partnership.

Cathy Fernandez-Weston¹, Steven N. Murray¹, Carol Comeau², Larry Redinger³, Martin V. Bonsangue¹, and Rochelle Woods¹. California State University Fullerton¹, Santa Ana College², and Mount San Antonio College³.

TEST-UP is a National Science Foundation(NSF) funded collaborative, initiated in fall 2008, among three institutions—California State University, Fullerton (CSUF), a four-year, comprehensive university, and Mt. San Antonio College (Mt. SAC) and Santa Ana College (SAC), two of CSUF's feeder community colleges. To increase the number of two-year STEM transfers and the number of CSUF STEM baccalaureates, TEST-UP seeks to: 1) improve STEM advisement and mentoring opportunities for two-year students using a traveling Coordinator for STEM Transfer Student Services and additional STEM advisors; 2) build STEM student learning communities and facilitate the transition of STEM transfers to CSUF; 3) improve student learning in pivotal STEM courses through Supplementary Instruction (SI); and 4) develop an intern/mentor program to improve pedagogical and mentoring skills of CSUF students seeking two-year college teaching careers.

Abstract

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