Program-Title Electrical Engineering Adjunct Faculty, STEM STEM

STEM Inventory

Entry# 62

Org-Type Higher-Education-based

Lead Cal Poly SLO PoC Dr. Ron Hughes, Co-Director

PoC-Phone 661 654-3471 PoC-Email rhughes@csub.edu

Address SoE, CSU, Bakersfield, 9001 Stockdale Highway, CA 93311-1099

URL

Service-Region Central Coast

Type Professional Development for Teachers

Subjects General Science | Biology | Earth Science | Computer Science | Environmental Science

Level Middle School (5-8th grade) | High School (9-12th grade)

Other-Objectives

Served-per-Year 200 Demographics

Content A four-week opportunity for middle and high school students and teachers to participate in university-level science research.

Outcomes University-level science research experience with university science researchers and 2) the opportunity to present and publish the

research findings.

Started Funded-Through 2009

Length Cos

Primary-Funding Industry Primary-\$

Materials

Other-Funding Chevron Corporation

How-Assessed

Best-Practice-Why Yes. This program allows students and teachers the opportunity to engage in authentic, university-level scientific research. These

activities stimulate student interest in STEM fields, and sustain the interest in laboratory science research for teachers.

Promising-Practice Yes. Science teacher need the opportunity to engage in university-level scientific research. It is this level of research that often initiated

their interest in science at the beginning of their careers, and led them to become science teachers.

Sponsor Sponsor-Org

Sponsor-Phone Sponsor-Email

Other-Orgs