



**UC Berkeley's
Transforming STEM Teaching
Faculty Learning Community Program (FLC) at CSUSM
Spring 2018-Fall 2018**

“Are you connecting with your students in your STEM courses? Join a cross-institutional cohort of STEM faculty from CSUSM, Palomar and MiraCosta to enrich your courses, promote student engagement and improve learning gains.”

What is the Transforming STEM Faculty Learning Community (FLC) Program?

CSUSM is partnering with UC Berkeley's Center for Teaching and Learning through a program designed as part of an NSF-WIDER Grant, and now being broadly implemented as part of an NSF-Improving Undergraduate STEM Education (IUSE) Grant to support instructors of STEM courses to enhance teaching practices and improve student learning gains. We welcome applicants from a diversity of disciplines and faculty ranks including those who are interested in redesigning lower division courses such as pre-calculus, calculus, physics, computer programming, chemistry, etc.

The program focuses on three goals:

- (1) support faculty to continue learning about effective STEM teaching practices within higher education
- (2) aid faculty to use this knowledge to redesign their courses, and
- (3) provide a community of fellow instructors to help support this progress

When will this FLC Program meet?

This program integrates both in-person and online (synchronous & asynchronous) sessions.

- ü Two-day kick-off retreat at CSUSM **Tuesday January 16th & Wednesday 17th, 2018** (9am -5pm)
- ü Part 1: January 2018–May 2018 with synchronous online or in person sessions
- ü Midpoint Check-In Lunch, Summer 2018
- ü Part 2: August 2018-December 2018 with synchronous and asynchronous online sessions

What happens in this FLC Program?

- ü The **kick-off retreat** allows faculty to share their personal teaching experiences and to become acquainted. We will introduce research on how people learn with relevant strategies and technologies for STEM lecture courses.
- ü The **online portion of the program**, using Moodle, will invite faculty to engage in a series of online modules that expand topics in STEM learning in higher education. These sessions provide faculty with opportunities to test out active learning activities within their classes.
- ü Throughout **Part 1** (Spring 2018), faculty will work towards redesigning a spring course in anticipation of **Part 2** (Fall 2018) of the program, where implementation of the redesign actually occurs. Faculty will have opportunities to analyze videos of classroom instruction and reflect on the new active learning strategies within the community of faculty in this program.

Who will facilitate this FLC Program?

Denise Garcia, PhD, CSUSM Biology Faculty Member
Stephen Tsui, PhD, CSUSM Physics Faculty Member

How many spaces are available & who can apply?

There are a total of 12 spaces (6 from CSUSM, 3 from Palomar and 3 from MiraCosta) for faculty teaching STEM courses.

Is there funding associated with participating?

Yes! A **\$2000 stipend/honorarium** is available for faculty who fully engage and complete the program. The time commitment is approximately 50 hours spread out over 2 semesters.

What is expected in exchange for the stipend/honorarium?

Each of the following will result in a full stipend/honorarium:

- Attendance at the January 2-day kick-off retreat
- Completion of all online modules
- Completion of all program evaluation assessments (pre-survey; post-survey)
- Presentation/Poster at a CSUSM Faculty Center event

If I have follow-up questions; who can I ask?

Feel free to contact these individuals at the following participating institutions:

CSUSM: Denise Garcia (dgarcia@csusm.edu) or Stephen Tsui (stsui@csusm.edu)
UC Berkeley: Catherine Halversen (chalver@berkeley.edu)

How do I apply?

[Please use the link to apply.](#)

Applications due **September 30, 2017**