Transforming STEM Teaching Faculty Learning Program 2018

Call for Applications

The UC Santa Cruz Center for Innovations in Teaching and Learning (CITL) is pleased to announce its participation in the Transforming STEM Teaching Faculty Learning Program, a statewide program initiated by UC Berkeley’s Lawrence Hall of Science and Center for Teaching and Learning, and funded by a National Science Foundation grant for Improving Undergraduate STEM Education.

UC Santa Cruz STEM faculty (senate and non-senate welcome), along with STEM faculty at local community colleges with high transfer rates, are invited to participate in this professional development opportunity.

Across the state, this program brings together STEM faculty from the UC, CSU, and California Community Colleges systems to learn together, improve their instructional practice, and build relationships and understanding of one another’s teaching and learning contexts—aiming to better align teaching practices and to improve student learning outcomes in STEM across two- and four-year institutions.

In this Faculty Learning Program, you will:

- Build your STEM education expertise
- Develop your teaching practice to support student learning, especially in lecture courses
- Redesign your STEM lectures to apply what you learn and integrate new approaches to teaching
- Gain experience in using online technologies to develop your instructional practice and support student learning

Program Dates

- The program kicks off with a two-day, in-person workshop on Saturday, January 27 and Sunday, January 28 at UC Santa Cruz
- Part 1 takes place in Winter and Spring 2018 with seven 1.5-hour synchronous online sessions and seven asynchronous online sessions
- Part 2 takes place in Fall 2018 with six synchronous online sessions and the implementation of a redesigned course
Faculty Commitments and Stipend

Each participant will receive $1,500 for participating in the program, distributed in two payments ($750 for Part 1 and $750 for Part 2).

The time commitment is approximately 50 hours, spread out over 3 quarters or 2 semesters (approximately 10 months), with no programming over the summer.

The 2018 cohort will consist of 6 UC Santa Cruz STEM faculty and 6 STEM faculty from community colleges.

Faculty Learning Program Facilitators

- Nandini Bhattacharya, Lecturer in Mathematics
- Katie Monsen, Lecturer in Environmental Studies and Electrical Engineering

How to Apply

Please submit the following materials to the UC Santa Cruz Center for Innovations in Teaching and Learning (citl@ucsc.edu) by November 28, 2017:

- A 1-page letter of interest
- A brief (1-2 page) CV

The CITL will notify applicants of acceptance by December 8, 2017.

For more information: https://citl.ucsc.edu/programs/stem-teaching.html