

## **STEM Completion Coaching December 13, 2019 update**

**Prepared by James McGarrah, Faculty Lead**

### **Progress**

On Friday, Nov. 22<sup>nd</sup> Steve Waller held an all-day faculty workshop on using Process Oriented Guided Inquiry Learning (POGIL) teaching methods. This is being supported through a grant that Steve is on with UCM and CSUB. There were 32 faculty participants mainly from Math, Physical Science and Biological Science.

### **Opportunities with UC Merced**

Kia Tan, Associate Director of the Office of Admissions, sent an invite to participate in the UC Merced Educator Program. They are running a Community College Educator Tour Feb. 19 – 20. All expenses are paid by UCM for the participants. The details are at the following link:

<https://admissions.ucmerced.edu/admissions-events/educator-tour-program>

### **Planning for the Spring**

Deborah Rosenthal is organizing STEM student field trip to UC Merced in the spring where we take the train to go visit the campus. The visitation is scheduled for Friday, February 21. We have a commitment from UCM Office of Admissions to support 10-20 students on this trip. We have also contacted the head of the Chemistry Department, the Materials Research Society and Sierra Nevada Research Institute in order to give more specialized presentation of the STEM facilities and STEM opportunities at UCM. Tentatively, Maria Martinez Madrigal is scheduled to give a MESA Town Hall presentation on 1/31 to drum-up recruitment for the 2/21 trip.

Ximena DaSilva (Chemistry) and Wade Ellis (Chemistry) are collaborating with Mark Kubinec at UC Berkeley on a California Education Learning Lab grant proposal in order to engage community college STEM students with research. It is still in the preproposal stage.

Sometime around March 14 there will be a STEM Expo event put on by the Math Department (the theme is pi).

### **Meeting Schedule for the Spring**

MS 2 from 8:30 - 9:30 AM on the following Fridays

- 1/24/20
- 1/31/20
- 2/28/20
- 3/27/20
- 4/17/20

We are still working on the agenda. We have asked Nigie Shi who is working on an assessment of Math's curricular changes due to A.B. 705 to discuss what he has learned.