

1154-A5-861

**Jesus R Oliver\*** ([jesus.oliver@csueastbay.edu](mailto:jesus.oliver@csueastbay.edu)), 25800 Carlos Bee Boulevard, Hayward, CA 94542, and **Julia Olkin** ([julia.olkin@csueastbay.edu](mailto:julia.olkin@csueastbay.edu)), 25800 Carlos Bee Boulevard, Hayward, CA 94542. *A Community of Practice Model for Infusing Active Learning in the Classroom.*

This work outlines a model for creating momentum for active learning at the departmental level through a Mathematical Community of Practice (MCoP). This approach focuses on empowering members of the community by providing easy access to active learning tasks, pacing guide via a dynamic calendar, and teaching tips for the course.

The dynamic calendar, housed in an electronic repository for easy access, incorporates a weekly pacing guide, live links to group-worthy tasks, and helpful comments on content emphasis and coverage. The active learning tasks and pacing designated in the dynamic calendar are discussed and shared in monthly MCoP meetings. The instructors at these meetings discuss ideas about the course, check in on their pacing, and share insights. Our instructors report that they feel heard, respected and supported as a result of being part of the MCoP.

The SEMINAL project at CSUEB has seen some early success in lowering the departmental DFW rates for Calculus 1. Specifically, the strategic infusion of active learning brought about by the SEMINAL effort has coincided with a lower DFW rate for all sections of Calculus 1. This lower DFW rate has persisted across all sections taught. In particular, the historical DFW for this course has shifted from 33% to about 19%. (Received September 11, 2019)