



**Teaching with your mouth closed:
Facilitating student collaborative learning**
An introduction to process-oriented, guided-inquiry learning (POGIL)

Monday, March 14 3:00 – 4:30pm
Natural Sciences Building (NSB) 2303

Process Oriented Guided Inquiry Learning, or POGIL, is a student-centered, group-learning instructional strategy and philosophy developed through research on how students learn best. The POGIL approach seeks to bridge the gap between concept and understanding by providing an innovative classroom and teaching model that allows students to work together to develop and construct important concepts of science, mathematics, and other disciplines, as well as cultivate lifelong learning skills. The goal of the POGIL approach is not only to develop content mastery through students' construction of their own understanding, but also to enhance important learning skills such as information processing, oral and written communication, critical thinking, problem solving, and metacognition and assessment. The POGIL approach is effective because it allows students to master fundamental disciplinary concepts and to reflect on their own process of learning. www.pogil.org

In this short workshop we will experience group roles, participate in a collaborative guided inquiry learning activity, consider the theoretical underpinnings of this student-centered learning strategy, and examine educational research that documents student learning outcomes in POGIL classrooms.

The workshop facilitator, Mare Sullivan, has taught K-12 science in public and private schools for 25 years, facilitated numerous inquiry-based science teaching workshops, and contributed to three published books of guided-inquiry activities for HS Biology and Chemistry. Named the 2013 Washington State Secondary Science Teacher of the Year and the 2012 Puget Sound Area ACS HS Chemistry Teacher of the Year, Mare loves helping peers increase the inquiry environment in their own classrooms. She is currently an adjunct faculty member in the SPU School of Education, serves on the POGIL Project Steering Committee, and acts as a writing consultant on an NSF research grant jointly administered by Washington State University, University of Montana, and Gonzaga University. joe.mare.sullivan@gmail.com

No fee for participants

RSVP at tinyurl.com/ucsdPOGIL by Friday, March 11