

1077-VC-1448 **Laurie Lenz*** (Laurie.Lenz@marymount.edu), 2807 N. Glebe Rd., Arlington, VA 22203, and **Jill Guerra, Catherine Beneteau** and **Zdenka Guadarrama**. *The POGIL project: Student-Centered Learning in Calculus*. Preliminary report.

POGIL is a student centered, guided inquiry teaching method that has been shown to increase student engagement and achievement in the classroom by having students work in self-managed teams to analyze data and draw conclusions, modeling the way a team of scientists function in the research laboratory. This talk is a report on a new NSF-funded project to develop a set of POGIL learning materials for Calculus and Pre-Calculus and to build faculty expertise within the mathematics community to implement these new materials. The talk will include a discussion of the POGIL project as well as examples of learning materials currently being tested in the classroom. (Received September 19, 2011)