

1125-VQ-2644 **Adam J Castillo*** (adamj.castillo@austin.utexas.edu), 8746 Birmingham Drive, Austin, TX 78748. *Understanding Community College Math Faculty Perceptions and Use of Cooperative Learning*. Preliminary report.

Cooperative learning, students working together in small groups to increase their own and each other's learning, is a well-documented pedagogical approach to promote student learning. However, despite ample research on cooperative learning, there is little research on its use in community college math courses. I conducted a pilot study on community college math faculty at four Texas community colleges involved in major math reform initiatives. These colleges were purposefully selected to identify math faculty familiar with, and with nominal administrative support for, reform teaching strategies such as cooperative learning. The purposive sample was intended to identify participants familiar with cooperative learning, but not necessarily employing it with fidelity, enabling me to characterize: (1) perceptions of community college math faculty regarding cooperative learning and its use and (2) what the implementation of cooperative learning might look like in community college math courses. This talk will focus on pilot study results on faculty perceptions of cooperative learning and how it is used in developmental math courses. I will also discuss the process for testing and modifying research instruments for future research on community college math faculty at different colleges. (Received September 20, 2016)