

1125-G1-2049 **Matthew A Morena*** (mamorena@yhc.edu). *Students Teaching Students Through Video Presentations*. Preliminary report.

Teaching students to conceptual rather than procedural levels is often a goal of mathematics instructors. Strategies for doing so include interdisciplinary projects, flipped classrooms, and class presentations. One barometer for success is an affirmative to the question: can a student effectively teach a concept to other students? In a recent Multivariable Calculus class, I sought to combine all three teaching strategies into one technique: student-made video presentations. First, students select challenging, interdisciplinary problems and then, outside of class, the students video-record themselves demonstrating their solutions. Using the media platform VoiceThread, the video presentations are uploaded to a class website whereupon the students are also encouraged to study and learn from their classmates' videos. In this talk, I will share my observations and experiences using this technique, as well as those of my students. (Received September 19, 2016)