

1067-B1-1047 **Michael A Posner*** (michael.posner@villanova.edu), Department of Mathematical Sciences, Villanova University, 800 Lancaster Ave, Villanova, PA 19085. *FREE CLICKERS!: Using PollEverywhere for Formative Assessment in the Classroom*. Preliminary report.

Formative assessment is where feedback on learning activities is used to modify the method of teaching to meet the needs of the learner. One such strategy is the use of personal response systems, or clickers, for instant feedback. Immediately examining the responses, teachers transcend the lecture-only model and are empowered to foster student-centered learning by explaining misconceptions or feeling confident that students understand the concepts. Attention is no longer deferred to the loudest student or the fastest hand-raiser, but rather to entire class. I have wanted to try clickers, but was reluctant due to the barriers of implementation - cost to the student and software and hardware demands, including students forgetting their clickers. I recently discovered polleverywhere.com, which allows students to text in their answers using cell phones and see the results immediately on either the screen. Results can be captured and shared with students on websites or blogs. And it's free for small classes. My students love it! I'll discuss my experiences and share how I have integrated some of the classic active-based exercises in statistics into my class and used formative assessment techniques that have helped bring my classroom to life. Bring your cell phones!!! (Received September 17, 2010)