

1014-Z1-1593 **Amanda M Klein*** (amanda.klein@ttu.edu), Texas Tech University, Box 41042, Lubbock, TX 79409. *The effects of computer assisted instruction on college algebra students.*

This talk will discuss a semester long study conducted on the effects of MyMathLab, an online computer assisted instruction (CAI) software program, on the computational skills and mathematical beliefs of the average college algebra student. The setup for this study included one section of College Algebra that had access to the online CAI supplemental software and traditional classroom instruction, while another section received only traditional classroom instruction. The students took a pre-test and post-test, filled out a pre-survey and post-survey about their beliefs towards mathematics, and completed a course evaluation and qualitative survey at the end of the semester. The CAI seemed to have no effect on the students' change in test scores or their overall attitude toward math. MyMathLab did have an effect on the students' beliefs concerning the time commitments involved in solving math problems. (Received September 28, 2005)