

1086-VP-2558 **Lindsey R. Bosko-Dunbar*** (lboskodunbar@shc.edu), Spring Hill College, 4000 Dauphin St, Mobile, AL 36608. *College Algebra and One Instructor's Attempt to Build a Better Mousetrap*. Preliminary report.

Blackboards are rarely black, the Koala 'bear' is a marsupial, and College Algebra is almost exclusively composed of material taught in high school. The latter misnomer can be an area of continuous struggle for both students and instructors. The students have seen, but not yet mastered the course content. With this, the default for most instructors is to re-teach the course using lecture-based methods that were not successful for the students in their initial algebra course. This talk will focus on the author's experience implementing problem based learning (PBL) in a spring semester College Algebra course after having spent the fall semester lecturing. In addition to specific examples of the topics addressed in the PBL semester, the talk will cover the successes and challenges of such implementation and a general comparison of student achievement between the semesters. (Received September 25, 2012)