

1023-F1-1573 **Bill Haver*** (wehaver@vcu.edu), 3241 Waterton Drive, Midlothian, WI. *Modeling based College Algebra Pilot Study*. Preliminary report.

With support from the National Science Foundation, MAA and CRAFTY are conducting a research study on the impact of modeling based College Algebra courses. Faculty from the eleven participating institutions attended a workshop in August 2005 and are offering modeling based college algebra courses as a part of this research study. Participating institutions offered at least 3 pilot and 3 control sections in Spring 2006 and again in Fall 2006. Barbara Edwards has designed the research study and the institutions have agreed to provide extensive quantitative data as well as arrange for researchers to conduct focus group discussions with their students. The study will contain comparative information concerning persistence in the courses, performance on common exam questions, retention in future courses, grades in future courses and student perceptions. Some preliminary information will be available at the time of this presentation. (Received September 26, 2006)