

1035-97-965

**Jack Bookman\*** ([bookman@math.duke.edu](mailto:bookman@math.duke.edu)), Mathematics Department Duke University, Box 90320, Durham, NC 27708. *Pride and Prejudice - Resistance to the Scholarship of Teaching and Learning in a Research Oriented Mathematics Department*. Preliminary report.

A brief discussion of a range of scholarship of teaching and learning (SOTL) activities that one might undertake in a mathematics department will be followed by a more detailed discussion of a particular study recently undertaken in a research mathematics department. The purpose of this study was to examine some long held and unexamined assumptions about first year calculus students. In particular, their performance in Calculus III as second year students and the number who persist to earning undergraduate degrees in mathematics was examined. This will be followed by a discussion on how these results were communicated to various members of the department - instructors, graduate students and research faculty - and the how various members responded (or didn't). The discussion will conclude with some speculation about the nature of the resistance to SOTL by some research mathematicians. (Received September 17, 2007)