

1046-A5-1806 **george rublein*** (gtrubl@math.wm.edu), Department of Mathematics, College of William and Mary, Williamsburg, VA 23187-8795. *A Control versus treatment evaluation of the chemistry in calculus project at William and Mary.*

Incoming freshman at William and Mary are assumed to have taken high-school chemistry. With the support of an NSF CCLI grant, a collection of problems for first and second semester calculus students was developed to exploit this acquaintance with the vocabulary of chemistry. Students entering in the Fall of 2006 were the first to be exposed to these problems. This term, Fall 2008, a number of the students who did calculus with these chemistry exercises are taking the first course in physical chemistry. Those students share the class with a somewhat larger group of students who took calculus elsewhere, either by transfer or by AP credit. With the cooperation of our co-PI, who is teaching the P-chem course, we will report on evidence, measured or informal, to learn whether the chemistry in calculus project was an advantage to students in physical chemistry. (Received September 16, 2008)