

1046-S1-1747 **Brian P Kelly*** (bkelly@bryant.edu), 1150 Douglas Pike, Smithfield, RI 02917. *Escalating Writing Assignments in Calculus 1.*

We have developed a series of web-based discovery activities that include discussion questions to foster a deeper understanding of calculus. We implemented this because our freshman calculus students have adequate computational skills, but will struggle to explain their thought processes. The assignments escalate in the sense that as the semester progresses, the students are asked more open-ended questions requiring longer responses. This presentation will explore the performance of the students through this progression as well as the pedagogical concerns incorporated into the design of the assignments. (Received September 16, 2008)