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Lisa Bromberg* (lisa.bromberg@usma.edu) and **Michael Seminelli**
(michael.seminelli@usma.edu). *The Death of Paper: Should we use Digital Assessments in Undergraduate Mathematics?*

As technology continues to establish a more prominent role in the classroom, educators are turning to digital assessment tools to enhance the instruction of mathematics. The ease of grading and ability to provide the student quick feedback makes this style of assessment appealing to the instructor. This study investigates the effect of digital versus paper quizzes on student performance in a first year collegiate mathematics course. A sample of 150 students from nine sections were randomly assigned an assessment format: paper, digital through WebAssign, or the option to select either form. Students also provided qualitative data by responding to surveys at the beginning and end of the semester answering questions on their preference for quiz format. The study shows no difference in student performance based on assessment format; however the qualitative responses are overwhelmingly in favor of paper quizzes. (Received July 19, 2017)