

1096-B5-2486 **Elizabeth Theta Brown*** (brownet@jmu.edu), Department of Mathematics and Statistics, MSC 1911, JMU, Harrisonburg, VA 22807. *The Old is New Again: Oral Assessment in Undergraduate Mathematics.*

Oral examination is, after a long hiatus, relevant again in undergraduate mathematics assessment. New interest in active learning in the classroom, and new approaches to fostering deep learning, indicate that it is time to rethink current standard, static, methods of determining what students learn. At the same time, plagiarism pressure from the internet has undermined the integrity of the graded problem set, a previous generation's tool for evaluating students' deep mathematical thinking.

This talk will outline strategies, successes, and challenges of using oral examination and oral communication to assess undergraduate mathematical performance. We will discuss different instantiations of this notion of verbal communication as a central method of assessment that have been used in math courses from introductory to senior levels. (Received September 17, 2013)