Jeffrey Clark* (clarkj@elon.edu), 100 Campus Drive, 2122 Campus Box, Elon University, Elon, NC 27244. Using History to make Differential Calculus Come Alive.

This paper will discuss examples of the use of the history of calculus in classroom discussions and assignments in a first calculus class. The examples should be readily applicable to any such classes that you may be teaching. (Received June 08, 2005)