

1014-U1-673      **Monica Pierri-Galvao\*** ([pierri@gannon.edu](mailto:pierri@gannon.edu)), Department of Mathematics, Gannon University,  
109 University Square, Erie, PA 16541. *Using the Geometer's Sketchpad Software for Introductory  
Calculus Demonstrations.*

In an Era when students spend a great amount of time in front of a computer, animation and computer images seem like a reasonable way to convey ideas to them. Using the Geometer's Sketchpad Software, one can create interactive demos with sliders, show/hide buttons and animations that can be used to introduce course concepts.

In this presentation, I will discuss and demonstrate a variety of GSP demos that I have created for pre-calculus and calculus courses. In addition, I will discuss the impact on the student understanding of some of the concepts through data on test scores. (Received September 22, 2005)