

1106-E5-1364 **Tim Chartier*** (tichartier@davidson.edu), Davidson College, Department of Math and CS,
P.O. Box 6908, Davidson, NC 28305. *Clowning around with mathematical ideas.*

Clowns often play the role of a prankster and/or buffoon. Both roles can be useful in the teaching of mathematics. Experimentation can play a vital role in exploring and discovering mathematical ideas. A clown can plod through mathematics and discover. Moreover, a clown traditionally succeeds through failure – an important lesson for the mathematical classroom. In this talk, Tim Chartier, a professionally-trained mime, will discuss aspects of clowning used in his mime show, Mime-matics. Further, he will give examples of mathematical ideas introduced silently with clowning in performances in Japan and South Korea. (Received September 12, 2014)