

1067-G1-2346 **Lesley W Wiglesworth*** (lesley.wiglesworth@centre.edu), 600 W. Walnut Street, Danville,
KY 40422. *Successful Strategies for Improving the Proof Writing of Linear Algebra Students.*

Linear algebra is often one of the first courses in which students are required to understand exactly what a proof is and how to write one. Because so many students are intimidated by formal mathematical proofs, I have tried several methods to engage my linear algebra students in proof writing. In this talk, I will share my experiences with group proof writing activities, peer review, and a daily proof writing assignment, as well as provide student feedback. I will also discuss which methods have had the greatest positive impact on my students. (Received September 22, 2010)