

Abstract Submitted  
for the TSS16 Meeting of  
The American Physical Society

**Development of a Survey to Assess Transformative Experience in an Introductory Calculus-Based Mechanics Course** DAVID DONNELLY, Texas State University, STEVEN WOLF, East Carolina University — At Texas State University and East Carolina University, we have been implementing many research-based curricula in our introductory physics classes, and have developed a survey to assess the degree of Transformative Experience in our students. The survey was modeled after one used by Pugh, and is similar to those developed by Frank and Atkins. Our pilot survey was administered to a total of 209 students during the 2014-2015 academic year and has been revised and readministered during the 2015-2016 academic year. We will present data related to the reliability of this instrument, and plans for revision, validation, and implementation of the final product.

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Date submitted: 03 Mar 2016

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