

1106-VD-457      **Natasha E. Gerstenschlager\*** (neg2d@mtmail.mtsu.edu), 1301 E. Main Street, Murfreesboro, TN 37132. *Implementing Reform-Oriented Statistics in the Middle Grades: A Case Study*. Preliminary report.

With the adoption of the Common Core State Standards for Mathematics (CCSSM)(CCSSI, 2010), statistics and probability have a more influential role in the middle grades curriculum than in the past. Specifically, sixth-grade now begins middle-school students' formal exposure to and experience with statistics. However, statistics is generally not a priority in teacher preparation programs, and some teachers may not feel prepared to teach statistics as described in the CCSSM. This presentation will demonstrate current results from a dissertation study that will examine a sixth-grade teacher's implementation of a reform-oriented unit in statistics. The purpose of this case study is to identify what the teacher deems as necessary for implementation fidelity for reform-oriented statistics. (Received August 28, 2014)