

1106-K5-2139 **Catherine Case*** (ccase@uf1.edu) and **Anna Bargagliotti**. *Statistical Education of Teachers in the Common Core Era*.

The Common Core State Standards for Mathematics place heavy emphasis on statistics and probability, particularly in grades 6-12. However, effective implementation of the new rigorous standards depends to a large extent on the teachers who will bring them to the classroom. To address the preparation of those teachers, the American Statistical Association has commissioned the Statistical Education of Teachers (SET) report, which calls for collaboration between mathematicians, statisticians, teacher educators, and policy-makers to prepare teachers to teach the intellectually demanding statistics in the K-12 curriculum. This session will provide an overview of the recommendations put forth in the SET report. Specifically, this session will outline recommendations for the statistical preparation of pre-service and in-service teachers at all grade levels, highlighting the statistical problem-solving process and the distinctions between statistics and mathematics that have implications for teaching and learning. The session will also address pedagogical issues of particular relevance to statistics, such as the use of technology and the role of assessment. (Received September 15, 2014)