

1125-K5-1652 **Michael D. Miner*** (michael.miner0@mycampus.apus.edu). *Real Data: Collect Your Own Data and Use It!* Preliminary report.

As different methodologies emerge in delivering a statistics course that is meaningful and relevant to students across different learning environments, the impact of providing good data sets is a fundamental attribute to understanding statistical concepts. One method of collecting real data and using it to assist students in understanding statistical concepts is to simply collect your own data and use it throughout the class to present students with meaningful and relevant examples on how statistical processes can be applied. This presentation will show the effectiveness of collecting data from students in a statistics class and then using this data throughout the class to engage student's critical thinking skills and facilitate the learning and understanding of basic statistical concepts presented in the Introduction to Statistics course. (Received September 18, 2016)