

1125-K5-33

**Gina F Reed\*** ([gina.reed@ung.edu](mailto:gina.reed@ung.edu)), Mathematics Department, University of North Georgia, 3820 Mundy Mill Rd., Oakwood, GA 30566. *Analyzing the lead content in drinking water during the Flint water crisis.*

This talk will focus on how to include a data set that will motivate students to apply and test what they are learning in class to a real and relevant problem. The data set is introduced on the first day of class in both an intro class comprised of predominantly non STEM majors and in a required statistics class for math majors. This early and active involvement in a systematic investigation of a real data will hopefully encourage students to complete an optional research project during the semester. (Received June 12, 2016)