Bio:

Nikita Lauren Burrows is currently an Assistant Professor at Monmouth University, conducting chemical education research which she started in the fall of 2017. She completed Georgia State's chemical education Ph.D program in the spring of 2017 after completing her B.Sc. in Biology (minor in Chemistry) at the University of the Bahamas in 2011. Her Ph.D research in Dr. Mooring's lab focused on Project-based laboratory curriculum development, assessment and evaluation along with concept maps and flipped classrooms. Her current research at Monmouth University looks at Development of evidence-based teaching labs that reflect a quasi-research experience for undergraduate students. Her main projects include:

1. Project 1: Development of a questionnaire to assess student experiences in undergraduate laboratory curricula
2. Project 2: Exploration of alternative undergraduate laboratory assessments
3. Project 3: Investigation of the experiences of graduate research students

ABSTRACT
Research has begun to explore the undergraduate laboratory in many facets, such as students' feelings, goals, and instructional approaches to the laboratory. However, research has not explored the experience of students with summative assessment in the laboratory. This qualitative study investigates the experiences of upper-level undergraduate students' exposure to lab interviews as an oral summative assessment. A phenomenological approach guided the analysis and interpretation of data gathered from sixteen semi-structured student interviews. Exploration of the data resulted in the development of an outcome space with three fundamental features and the core perception of students about lab interviews. This outcome space explores students' feelings, performance, and perceived conceptual understanding before, during, and after the interview process. Implications and suggestions for the design and improvement of assessment practices are discussed.