

1154-97-1356

Megan Olivia Powell* (mpowell14@unca.edu), One University Heights, Department of Mathematics, University of North Carolina Asheville, Asheville, NC 28804, and **Angela Antonou** and **Sara Liesman**. *Impacts of a cross-institutional undergraduate research experience workshop on student understanding of and self-efficacy for research.*

There are many perceived benefits to undergraduate student research; however, students may not have a full understanding of the research process prior to engaging in a project. The Intercollegiate Biomathematics Alliance Cross-Institutional Research Experience (IBA-CURE) workshop seeks to help students understand more about the research process before embarking on a full research project. In this talk, we discuss an analysis of students' understanding of academic research as well as their self-efficacy for conducting research. Students were surveyed before and after the workshop in 2018 and 2019 to determine changes in their understanding of research, effective collaboration, their role, and their perception of their own skills specific to biomathematics research. Examples of specific results that will be discussed are faculty encouragement being the highest motivator for participation and a shift in perception of research from solving a particular problem to contributing to a field by discovering or creating new knowledge. (Received September 15, 2019)