**SPEAKER BIO & PRESENTATION DESCRIPTION**

**BETH BEASON-ABMAYR**

Beth Beason-Abmayr is a Teaching Professor of BioSciences at Rice University. She earned her B.S. in Microbiology from Auburn University and her Ph.D. in Physiology & Biophysics from the University of Alabama at Birmingham. After a postdoc at Vanderbilt University, she came to Rice as a Postdoctoral Teaching Associate. She teaches project-based lab courses as well as a 100% active learning course in animal physiology. She works with the Rice REU in Biomolecular Networks and is involved in outreach with the Rice Institutes of Biosciences & Bioengineering. She is the PI of the Rice iGEM team and is a member of the iGEM Executive Judging Committee. Beth has participated in the National Academies Summer Institute on Undergraduate Education in Biology, an AAAS Vision and Change workshop on undergraduate biology education, and the APS-ITL. A National Academies Education Mentor in the Life Sciences (2012-2018), she received a George R. Brown Award for Superior Teaching at Rice in 2017.

**SESSION NAME: CONCURRENT WORKSHOP II: Tricks of the Trade**

**PRESENTATION TITLE: Collaborative Learning**

Collaborative group work can be an effective method to facilitate inquiry-based learning. By scaffolding assignments throughout the semester, students work in teams to progress from structured to open-ended and independent levels of inquiry. In this workshop you will work with two examples of team-based projects to help students learn animal physiology and brainstorm strategies to incorporate similar projects into your own courses.