The SIGMAA-IBL Fall 2022 Speaker Series will feature the following thought leaders:

- **August 25, 5 PM (EDT) - Athena Sparks Pelfrey** (Colorado School of Mines, Golden, CO)
  - *Online Activities for In-person or Remote Multivariable Calculus Courses* – Dr. Pelfrey will explore numerous activities developed with the Desmos Activity Builder to help students visualize, investigate, and master various course concepts in multivariable calculus from the perspectives of both the student and the instructor.

- **September 29th, 11 AM (EDT) - Carol Schumacher** (Kenyon College, Gambier, OH):
  - *Using Inquiry to Teach Mathematics and Thinking* – How do we help students learn to think like mathematicians? In this workshop, Dr. Schumacher will engage participants in an examination into specific scenarios and insights that might help us unravel this important question.

- **October [Date and time TBD] - Sheila Tabanli** (Rutgers University, New Brunswick, NJ)
  - *Incorporating Cognitive Psychology-Based Strategies for Math Instruction* – Dr. Tabanli will discuss a course she developed that aims to improve students’ mathematical learning and studying skills based on neuroscience and cognitive psychology inspired by the research done by Dr. Barbara Oakley. The presentation will include an instructional framework that can be incorporated with low-stakes assessments to improve students learning experiences.

- **November [Date and time TBD] - Robin Wilson** (California Polytechnic University, Pomona, CA) and **Nina White** (University of Michigan, Ann Arbor, MI)
  - *Groupwork, Equity, and Student Buy-In* – Dr. Wilson and Dr. White will bring workshop participants together to reflect on some of the things that can go wrong when students work together in groups in the classroom. We’ll look at a video of groupwork not going well, and then consider different ways instructors can support more equitable and productive group work from Day 1.