

1145-O5-2380      **Anna Mummert\*** ([mummerta@marshall.edu](mailto:mummerta@marshall.edu)). *Using Guided Inquiry in Geometry – First-time Reflections*. Preliminary report.

In this talk I will discuss my first experience teaching Euclidean geometry using a guided inquiry approach. In the guided inquiry pedagogy students work through a set of specified problems and present solutions during class. Thus by design, the guided inquiry approach strengthens students' ability to present, discuss, and write mathematics. It also requires them to read and learn mathematics without lecture and assess the correctness of mathematical arguments without (immediate) instructor feedback. Students in the class are primarily math education majors, making this method ideal to help them develop skills they will need in their own classrooms. Student thoughts and my own will be shared. (Received September 25, 2018)