

1145-VK-3006 **Shannon R Lockard*** (slockard@bridgew.edu). *Finding the Right Angle: Experiences in Teaching Geometry, Takes 2 and 3.*

Last year at the Joint Mathematics Meetings I shared my experiences in teaching an upper level geometry course for the first time after not thinking about geometry in over a decade. That first semester was quite a learning experience for me, with both successes and failures, but overall an exciting experience as I reacquainted myself with an area of mathematics and taught the course using Inquiry Based Learning (IBL).

During my first semester teaching geometry I learned a lot about the subject and about the type of students that take the course at my institution. For the past two semesters as I've continued to teach geometry, I've been able to focus more fully on pedagogy and content. In this talk I'll discuss my continued experience with IBL: what's worked well, what hasn't, and the changes I made since that first semester in order to help my students adapt to IBL more seamlessly. I'll also discuss how the content has changed in my course in an effort to help the course feel more applicable to my students, many of whom are future mathematics teachers. (Received September 26, 2018)