

1125-G1-2971 **Joanna G. Jauchen*** (jboyett2@gmu.edu). *Reflective Journaling in Quantitative Reasoning*.

Reflective practice in education has a long history, including the foundational tenets proposed by Dewey in the 1950s. In contemporary life, including our math curriculum, we rarely create time or space for reflection and the learning that accompanies it. In this talk, the author describes her experience piloting a Quantitative Reasoning course designed around mini-lectures, small-to-medium-sized problems and reflective journaling. Students in the course were given time to explore mathematical concepts in contexts of their own choosing. Emphasis was placed on concrete application of quantitative reasoning principles to subject matter that was individually meaningful to each student. Within the talk, I will describe the course, a typical class day and describe assignment structures. (Received September 20, 2016)