

1135-D5-1956 **Ekaterina Lioutikova*** (elioutikova@usj.edu), University of Saint Joseph, 1678 Asylum Ave., West Hartford, CT 06117. *Fostering engagement and inquiry in a linear algebra class*. Preliminary report.

In this talk, I will share my experience teaching a “hybrid IBL” linear algebra class, where a course previously taught in a more traditional way was infused with a variety of inquiry-based, active-learning activities. Students spent a significant portion of each class period collaborating on conceptually focused tasks and sharing their reasoning with peers. I will discuss the benefits and challenges of the inquiry-based approach from both the instructor’s and students’ perspectives. (Received September 25, 2017)