

1135-VE-2408 **Fumiko Futamura*** (futamurf@southwestern.edu), 1001 E University Ave, Georgetown, TX 78626, and **Alison Marr**. *EQUIPping freshmen STEM majors through the EQUIP program.*

This talk describes the EQUIP program, started at Southwestern University in 2016. EQUIP (Embracing Quantitative Understanding and the Inquiry Process) introduces a diverse group of 20 incoming freshmen with interest in the STEM fields to college life, various opportunities for STEM majors at SU and Precalculus through inquiry based learning to prepare them for Calculus I, which they take together with one of the EQUIP professors. It begins for a week on campus over the summer, through the Fall as a 1 credit course and informally throughout their academic career. We describe the successes of the program, including involving EQUIP students in publishable math research, as well as improvements made for 2017. (Received September 26, 2017)