

1135-N5-1341      **Erik Lundberg\*** (elundber@fau.edu). *My experiences at FAU with integrating undergraduate research into the classroom.*

This talk will survey recent efforts at Florida Atlantic University in project-oriented course design, an ongoing venture that was pushed to a new level after we participated in the PIC Math program (preparation for industrial careers in mathematics). The PIC Math course had students work in groups to solve a problem provided by an external industry partner. After offering the course in two consecutive years with participation from Oak Ridge National Laboratory, American Traveler Staffing Professionals, and Moffitt Cancer Research Center, FAU faculty developed a capstone course for Math majors largely based on the PIC Math course. I will discuss challenges, successes, and concerns associated with project-oriented course design. (Received September 21, 2017)