

1145-P1-1220 **Alison Ahlgren Reddy*** (ared@illinois.edu). *Getting College Ready at The University Illinois: Co-Requisite Support College Algebra at a R1 University.*

In 2015 the number of students deemed not mathematically college ready at the University of Illinois doubled and has since doubled again. Additionally this population is disproportionately first generation and underrepresented minority students. Getting students started, and retaining them, in the appropriate math course is important for their mathematical success and success on campus in general. The challenges were, and are, to maximize student outcomes within the context of a single course, identify which students are good candidates for such a course, maintain rigor for a successful transition to subsequent mathematics coursework, and to design and implement such changes with minimal additional resources. The stark reality is that these courses are taught in lectures of 200+ students, so an additional challenge is to maximize success on a large scale and impersonal setting. The use of technology, breakout sessions, partnering with other offices for supplement instruction, and an overall keen commitment to the students has lead to 80% course success rates, when as many as 50% of the students are in a co-requisite situation, and similar success rates in subsequent mathematics coursework. Collected data will be shared. (Received September 20, 2018)