Deborah Moore-Russo* (dmr@ou.edu), Keri Kornelson (kkornelson@ou.edu), Milos Savic and Noel Brady (nbrady@ou.edu). First Year Mathematics Program at the University of Oklahoma.

Over the last 5 years, the Department of Mathematics at the University of Oklahoma has developed its First Year Mathematics (FYM) Program. This effort aimed to improve students' experiences and learning in early math courses. The first wave of change was structured around the 7 Characteristics of Successful Calculus Programs identified by the MAA (Bressoud et al., 2015). Crucial to the success of FYM efforts was the transition from extensive use of adjuncts to renewable term faculty positions and the selection of an experienced director in 2017. Additional efforts include piloting corequisite course offerings to help borderline students avoid no-credit remedial courses and leveraging partnerships with the College of Engineering to help fund fast-track sequences to offer catch-up opportunities for students needing to complete the calculus sequence. Recently, FYM turned to Calculus I incorporating coordination and using grassroots efforts to create active learning activities that allow for more student-centered instruction. Change has been steady, and FYM has had to be responsive to consistently increasing enrollment pressures and to challenges faced due to placement decisions made at administrative levels. In this talk, we describe the status and goals of the FYM program at OU. (Received September 17, 2019)