Stella K Hofrenning* (hofrenni@augsburg.edu) and Suzanne I Dorée (doree@augsburg.edu). What Mathematics do Economics Students Need to Know? Preliminary report.

The MAA CRAFTY Curriculum Foundation Project studied the mathematics that students in the partner disciplines need to know. In the new national SUMMIT-P project, we are re-examining those recommendations and updating them to fit modern curricula. In this talk, we’ll share examples from the CFP reports and Economics texts that highlight key areas of Mathematics used in Economics with particular emphasis on the concepts of rate of change, system of equations and optimization. These findings are driving the renovation of our calculus sequence and were developed in collaboration with the partner disciplines. (Received September 22, 2017)