N Bradley Fox* (foxb@apsu.edu) and Ramanjit Sahi. Revitalizing Calculus to Connect the Dots.

Calculus is a vital component in the mathematical study of change. Due to the reduction of course credit hours at our university, our challenge was to redesign the Calculus course so that the same course content is offered to students without sacrificing student engagement and while improving student success. In this presentation, we will look at how interactive curricular material, focused on conceptual and application problems, has improved student learning. (Received August 30, 2016)