1171-97-127 Carolyn Luna (carolyn.luna@utsa.edu) and Jonathan Brucks* (jonathan.brucks@utsa.edu). Re-packaging Mathematics for EVERYONE.

The University of Texas at San Antonio transformed its STEM and business algebra courses through grant funding from the Department of Education and the UT System. Dubbed the Math Matters program and introduced to the university in 2016, the change in mathematics curriculum and instruction impacts approximately 2,500 students during the fall and spring semesters. Grant funds were designated to stand up and maintain the Math Matters Student Success Center, a collaboration between UTSA Student Success and the math department that integrated support and instruction for MAT 1073 and MAT 1053. For five years, this program made positive strides in normalizing content across sections of supported courses through extensive course coordination and aligning content with successive courses required by various majors (known as horizontal and vertical alignment). Additional improvements include the development of open educational resources, providing exceptional materials and millions of dollars in cost savings to students, as well as the funding of a summer bridging program for incoming freshmen. This session will discuss the alignment, the lab, and other advancements initiated with funding from the UT System that are continuing at UTSA after the various grants end. (Received August 09, 2021)