Dr. Daniel Amante, Assistant Professor, Division of Health Informatics and Implementation Science, Department of Population and Quantitative Health Sciences at UMass Chan, was supported by UMass Memorial Health as a KL2 Health Systems Scholar for three years, through June, 2022. Dr. Amante’s research focuses on development and implementation of technology-based behavioral Interventions optimized to support patient self-management of disease. Over the course of his career development award, Dr. Amante’s research focused on developing and subsequently testing the acceptability and usability of DM-BOOST, an intervention designed to improve implementation of diabetes self-management training. While conducting the randomized feasibility pilot study, he exceeded his target recruitment goal of n=60. Delivery of the intervention and data collection were completed in November 2022. During the award period, Dr. Amante published seven manuscripts; additional manuscripts are in preparation.

As an outcome of his work, Dr. Amante was awarded an NIH K01 award from the NIDDK in July 2022 (K01DK131318-01A1 7/1/22 – 4/30/25). Growing from his DM-BOOST work, the new project is DM-BOOST para Latinx: a Diabetes Mellitus program using Behavioral economics to Optimize Outreach and Self-management support with Technology for Latinx patients. The specialized training and expert mentorship provided in his K01 career development award will guide the specific aims to culturally adapt, usability test and conduct a feasibility evaluation of the ‘DM-BOOST para Latinx’ intervention, designed to increase patient engagement and experience with diabetes self-management training among Spanish-speaking Latinx patients. The total amount of the award is $492,432.

KL2 related Authorship:


