

Collaborative Research: Developing and Exploring Mathematical Modeling Curricula for Preservice K-8 Teachers

The goal of this three-year project is to design, implement, and refine mathematical modeling modules for preservice K-8 teachers. Over the last year, we have completed the first phase of the project (i.e., the curricular design phase) in which we began the initial drafting of modules across the content domains that preservice elementary teacher educators could implement within existing courses. We have followed the project timetable, completing the initial development of four modules, beginning to discuss the research tools, and meeting with advisory board members to assess and modify the modules.