

From Biocalculus to Undergraduate Research. Timothy D. Comar, Benedictine University, 5700 College RD, Lisle, IL 60532, tcomar@ben.edu

One of the goals of the biocalculus courses at Benedictine University is to prepare students to engage in research in mathematical biology, mathematics, or related areas upon completion of the course. This presentation will focus on course activities that help prepare students to begin research work and will highlight subsequent undergraduate research projects completed by former biocalculus students. Projects topics include models in integrated pest management, the spread of a nonindigenous, invasive, and gene regulatory networks.