

A co-teaching model for presenting statistics in an ecology lab

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Our Ecology and Evolution course forms a bridge between freshmen-level biology courses and our junior-level research writing course. Students are asked to design, analyze, and interpret a formal research project using appropriate statistical methods applied to data gathered from classroom labs. We recently implemented a co-teaching model that involves an ecology and a statistics instructor for the lab component of this course. This teaching model provides extra support for the students as well as the ecology instructor, serves to scaffold the topics that students have already learned in their statistics class, and also informs the statistics instructor of future expectations for our biology majors. We will discuss what aspects of the course went well and what will likely be modified after completing a semester with this teaching model.