

Discovering How to Discover: Collaborative Development of Discovery Learning Materials for Statistics

In a project funded by the National Science Foundation, we collaboratively develop learning materials for introductory statistics. The materials engage students in authentic career-specific discovery learning projects. Project goals are to increase students' comprehension of statistics, improve students' perceptions of the usefulness of statistics, and enhance students' self-beliefs about their ability to understand and apply statistics. Project tasks include developing the materials and guidelines for their use, measuring their effectiveness, and training high school and college instructors in their use.