

**Example Classroom-Based Research  
Module:  
Population Genetics of a  
Threatened Plant**

Jen Rhode Ward

University of North Carolina Asheville

NSF DUE CCLI supported project

Introductory Biology Laboratory sequence (majors)  
3 week experiments

Undergraduate Research Project

- Undergraduate research students modify project as classroom module
- Research students act as laboratory T.A.s
- Classroom students generate hypotheses, design statistical analyses
- Common protocol to collect data
- Students report findings: journal-style paper, presentation