

# Youth Scholars Institute

## 2010 Program

**TITLE:** Environmental Science: Going Green

**INSTRUCTOR:** Becky Urban, PhD, Assistant Professor of Biology

**DESCRIPTION:** Environmental scientists conduct research to determine how physical, chemical, and biological components interact with each other in the environment. Climate change, species conservation, land use, pollution, and resource depletion are just a handful of “green” issues that these researchers study. Participants of this week-long program will learn major ecological concepts and discuss global environmental issues. Students will also conduct a series of field experiments. Field work will be weather-dependent, but possible opportunities include: water quality analysis, stream invertebrate sampling, vegetation survey, and a mark and recapture study. Please be prepared to get wet and dirty!