

As part of the biology major, all students carry out one semester of research under the supervision of a faculty member in the department.

Undergraduate participation in original research gives students the chance to experience firsthand what the science of biology is really about.

Students may complete the research requirement by conducting research on campus during either the academic year or the summer. In both cases, the student must submit a written report describing the project and its outcome. In addition, the student must give an oral presentation describing his/her research at a departmental seminar at the end of the research period.

Research efforts by majors in the department often result in publications in peer-reviewed scientific journals. Over the past five years, 40 undergraduates in the program coauthored scientific papers. Seventy students in the last three years have given research presentations at professional scientific meetings, including the highly competitive National Conference on Undergraduate Research.

BIOLOGY DEPARTMENT

Fall 2010

BIOL-30200 Junior Research Symposium



Wednesday, December 8

- 4:00 Matthew Arnold (Susan Allen-Gil)**
Sperm Tales: The Effect of Atrazine on Male Fathead Minnows
- 4:15 Noelle Litra (Andy Smith)**
Glue cross-linking by protein oxidation
- 4:30 Elise Edwards (Leann Kanda)**
Amphibian Distribution: Environmental Factors Surrounding New Mitigated Wetlands
- 4:45 Elise Heick (Marina Caillaud)**
Effect of bisphenol A on the nematode *Caenorhabditis elegans*
- 5:00 Samantha Corrado (Jean Hardwick)**
The ionic mechanism of the underlying norepinephrine induced changes in guinea pig intracardiac neuron plexus.
- 5:15 Frank Elmuccio (Bruce Smith)**
Are zooplankton of the littoral zone differentially attracted to polarized light?

CNS 115

Refreshments served 3:40 p.m. CNS 1st floor lobby
Please bring your own reusable mug for beverages. Reuse, reduce, recycle!