



ITHACA COLLEGE  
BIOLOGY DEPARTMENT



Fall 2005  
303-30200 Junior Research Symposium



**TUESDAY, DEC 6**

- 4:00 Casey Swann (Andy Smith)**  
The Role of Iron in Cross-linking Snail Glues
- 4:15 Nancy Andersen (Jean Hardwick)**  
Immunohistochemical Analysis of Opiates in the Guinea Pig Cardiac Ganglion
- 4:30 Andrew Kelley (Jean Hardwick)**  
NOS expression in the Guinea Pig Cardiac Ganglia and Myenteric Plexus during Immune Response
- 4:45 Tamara McFarlane (John Confer)**  
Mapping the Plants of the Pitch-Pine-Heath-Barrows

ALL ARE WELCOME!

**WEDNESDAY, DEC 7**

- 4:00 Jack Hammond (Jason Hamilton/  
Peter Melcher)**  
Why do Leaves Turn Red?
- 4:15 Agnessa Dreytser (Kirwin Providence)**  
Proteins or polysaccharides: algae and undergraduates help understand benthic community development
- 4:30 Becky Bordonaro (Jason Hamilton)**  
Effects of Drought on Soybeans Under Simulated Insect Herbivory
- 4:45 Valerie Woodring (Jason Hamilton)**  
Hungry Spiders and the Changing CO<sub>2</sub> Atmosphere

**THURSDAY, DEC 8**

- 4:00 Jacqueline Scahill (Susan Allen-Gil)**  
Effects of Atrazine on the Embryonic Development of *Xenopus laevis* and Fathead Minnows (*Primephales promelas*)
- 4:15 Ryan Bochacki (Jean Hardwick)**  
The Physiological and Anatomical Effects of Nitric Oxide on Guinea Pig Cardiac Ganglia
- 4:30 Chris Wyland (Marina Caillaud)**  
PCR Optimization of Microsatellite Regions in the Greenbug
- 4:45 Bobby Rivard (Susan Swensen)**  
A Study of Computer Plug Load Usage in the Center for Natural Sciences

CNS 112

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