



ITHACA COLLEGE  
BIOLOGY DEPARTMENT

Fall 2007

BIOL-30200 Junior Research Symposium



**WEDNESDAY, DECEMBER 12**

- 4:00 Sarah Kessler** ([Kirwin Providence](#))  
Algae Adhesion Mechanisms: A prelude to eukaryotic biofilm formation
- 4:15 Eleanor Clancy-Thompson** ([Kirwin Providence](#))  
*Staphylococcus aureus* stimulates the expression of a human gene involved in tissue repair
- 4:30 Sarah Garcia** ([Kirwin Providence](#))  
A human protein promotes bacteria survival in infected wounds
- 4:45 Sarah Avellaneda** ([Bruce Smith](#))  
Photopositive responses: Evaluating the effectiveness of underwater light traps for sampling zooplankton in Cayuga Lake
- 5:00 Zach Cava** ([René Borgella](#))  
Prey preference, dietary inhibition, and feeding pattern modification in neonatal garter snakes (*Thamnophis sirtalis*)

CNS 112

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

**THURSDAY, DECEMBER 13**

- 4:00 Joseph Lamendola** ([Jean Hardwick](#))  
Western blot analysis of iNOS expression in guinea pigs
- 4:15 Aaron Bloom** ([Andy Smith](#))  
The iron Fe-nomenon; quantifying metal contribution to slug glue strength
- 4:30 Steven Bowen** ([Susan Swensen](#))  
A molecular phylogeny of the sunflower maggot flies
- 4:45 Ben Switzer** ([René Borgella](#))  
Soil invertebrate biodiversity in the alternative landscaping project