



ITHACA COLLEGE
BIOLOGY DEPARTMENT
Fall 2009



BIOL-30200 Junior Research Symposium



Wednesday, December 9

- 4:00 Erika Hughes** (Peter Melcher)
Soil quality and its effect on fall foliage
- 4:15 Ashley Bell** (Andy Smith)
Analysis of the oxidation of glue protein secreted by *Arion subfuscus*
- 4:30 Jessica Treacy** (Leann Kanda)
Dispersal and space use of juvenile muskrat in a manmade habitat
- 4:45 Laura Murphy** (Bruce Smith)
Trapping the light fantastic
- 5:00 William Moreton** (Andy Smith)
Sequencing of the 15 kDa protein found in the glue of *Arion subfuscus*
- 5:30 David Seidorf** (Kirwin Providence)
Assessing the role of PAI-1 in neutrophil motility
- 5:45 Amanda Perlman** (Kirwin Providence)
Assessing the role of PAI-1 in neutrophil motility (the saga continues)

Thursday, December 10

- 4:00 Meghan Menges** (Andy Smith) **Summer 2009 Research**
Evidence for the role of metal-sulfate interactions in the cross-linking mechanism of the *Arion subfuscus* hydrogel
- 4:15 Philip Feinberg** (Jean Hardwick)
Preliminary molecular analysis of NOS mRNA expression in guinea pig neurons
- 4:30 Madonna Liverpool** (Jason Hamilton)
The ecology of sustainable food systems: Entomophagy and crickets
- 4:45 Kate Noonan** (Susan Swensen)
Utility of trns-G chloroplast intergenic spacer for reconstructing the phylogeny of *Gurania*
- 5:00 Ivory Mintah** (Ed Cluett)
Cholesterol transport in Hela cells
- 5:30 Kristyn Polucha** (Jason Hamilton)
Where are those pesky invasives? Spatial distribution of invasive species in the South Hill Natural Area

CNS 112

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