



ITHACA COLLEGE
BIOLOGY DEPARTMENT

Fall 2004

303-30200 Junior Research Symposium



Tuesday, December 7

- 4:00 Scott Baker** (Jason Hamilton)
Erosion and forested slopes in Ithaca College's Van Buskirk Gorge: Adopting proper forest management techniques
- 4:15 Andrew McGraw** (Peter Melcher)
Ions and Bordered Pit Strength
- 4:30 Jacob Nelson** (Jean Hardwick)
Correlation of nitric oxide responses and nNOS expression in the guinea pig cardiac ganglion
- 4:45 Jenny Kimball** (Bruce Smith)
Bright coloration in mites - a warning to newts?

CNS 112

Refreshments served 3:40 p.m. CNS 1st floor lobby
ALL ARE WELCOME

Wednesday, December 8

- 4:00 Christine Simon** (Andy Smith)
Gel mechanics associated with slug, *Arion subfuscus*, glue proteins
- 4:15 Kim Schenk** (Bruce Smith)
Why is there a density-dependent response in pheromone production by female *Arrenurus manubriator* mites?
- 4:30 Patrice Kurnath** (Bruce Smith)
Why is there an asymmetrical assortative mating bias between populations of the mite, *Arrenurus manubriator*?
- 4:45 Lyndsey Runaas** (Vicki Cameron)
Analysis of Cox2 Mutant Yeast Strains

Thursday, December 9

- 4:00 Thomas Welter** (Peter Melcher)
Ions, Bubbles or Caiparinas - Understanding Hydration in a Brazilian C errado
- 4:15 Abby Wilkes** (Jean Hardwick)
Histamine's Effect on Presynaptic H3 Receptors of Parasympathetic Cardiac Neurons
- 4:30 Dana Walsh** (Susan Swensen)
An assesement of allele sharing in the ITS *region of species in genus Gurania (Cucurbitaceae)*
- 4:45 Max Bronstein** (Jean Hardwick)
Effect of mast cell activation on expression of neuronal-NOS (nitric oxide synthase) in guinea pig cardiac ganglia
- 5:00 Tamy Arvanian** (Jason Hamilton)
Interactions between drought and grazing in two Serengeti grasses

Please bring your own reusable mug for beverages.
Reuse, reduce, recycle!