



ITHACA COLLEGE
BIOLOGY DEPARTMENT

Spring 2005

303-30200 Junior Research Symposium



TUESDAY, APRIL 26

- 4:00 Darrin Bann** (Susan Swensen)
Testing hypotheses of host use in *Blepharoneura* (Diptera: Tephritidae)
- 4:15 Lindsey Massengale** (Bruce Smith)
Is there intrasexual competition for mates among male *Arrenurus manubriator* mites?
- 4:30 Lesley Farquharson** (Bruce Smith)
Interspecific dating: Prezygotic isolating mechanisms in *Arrenurus* spp. mites
- 4:45 Rebekah Weck** (Susan Allen-Gil)
Changes in behavior and secondary sex characteristics in fathead minnows associated with ethinyl estradiol exposure
- 5:00 Andrea Blitz** (Vicki Cameron)
Analysis of COX2 mutants
- 5:15 Krystal Kaminski** (Jason Hamilton)
Interactive effects of drought & herbivory on soy bean gas exchange
- 5:30 Cassie Kryzak** (Vicki Cameron)
Analysis of strains with single and double mutations in COX2: Part 1
- 5:45 Adam Gattis** (Jason Hamilton)
Drought and grazing in African grasses
- 6:00 Diane Duby** (Vicki Cameron)
Analysis of strains with single and double mutations in COX2: Part 2

ALL ARE WELCOME!

WEDNESDAY, APRIL 27

- 4:00 David Syracuse** (Marina Caillaud)
Analysis of gene expression in the horn and maxilla of *Menduca sexta* using differential display
- 4:15 Tyler Eusden** (John Confer)
Amphibian migration and mortality
- 4:30 Jeff Stahl** (Peter Melcher)
Does calcium effect the biomechanics of border pit membranes?
- 4:45 Shira Evans** (Andy Smith)
How does disruption of ionic bonds in Molluscan glue proteins affect adhesive capabilities?
- 5:00 Christin Tombrello** (Peter Melcher)
Linking leaf litter chemistry to seedling establishment
- 5:15 Sara Sullivan** (Jason Hamilton)
Interactive effects of drought and herbivory on soybean photosynthesis machinery
- 5:30 Allison Krasnow** (Jason Hamilton)
Land use beneath wind turbines

THURSDAY, APRIL 28

- 4:00 Ali Munawar** (Peter Melcher)
Is there a link between leaf litter color and soil micro-organism performance?
- 4:15 Tyler Pardee** (Marina Caillaud)
PCR primer optimization for amplification of microsatellite regions
- 4:30 Sean Tracy** (Ed Cluett)
Got protein? A study of changes in autumn leaves
- 4:45 Lisa Seltzer** (Ed Cluett)
Cholesterol trafficking, where did it go?
- 5:00 Jason Canfield** (Susan Allen-Gil)
Flow through tanks and water quality
- 5:15 Nolan Flores** (John Confer)
Amphibian migration and road mortality
- 5:30 Isabel Preeshagul** (Peter Melcher)
King of the Hill vs. Leader of the Valley: The drought tolerant plant will prevail
- 5:45 Joseph Scalice** (Ed Cluett)
41866A/ONO Rescue or catastrophe

CNS 112

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