



ITHACA COLLEGE
BIOLOGY DEPARTMENT



Spring 2004
303-30200 Junior Research Symposium



TUESDAY, APRIL 27

- 4:00 Andrew Cameron** (Andy Smith)
“The adhesive effects of molluscan glue proteins on commercial polymers”
- 4:15 Tugcem Monargali** (Jason Hamilton)
“Grazing tolerance & water availability in Serengeti grasses”
- 4:30 Amy Kotarski** (Jean Hardwick)
“The role of intracellular calcium in the production of histamine-induced responses in guinea pig intracardiac neurons”
- 4:45 Alison Bowers** (Ed Cluett)
“Effects of U1866A and ONO on cholesterol trafficking”
- 5:00 Trudy-Ann Morrison** (Andy Smith)
“Comparing the effects on gel mechanics of glue proteins from different species”

WEDNESDAY, APRIL 28

- 4:00 Brent Karow** (Bruce Smith)
“Predator-prey interaction: Do *Arrenurus manubriator* mites find their prey by chemical cues or by chance”
- 4:15 David Metzger** (Vicki Cameron)
Effects of Mutations in the Mitochondrial Cox2 gene on the stability of the Cox2 protein in *Saccharomyces cerevisiae*
- 4:30 Anthony Santoriello** (Susan Swensen)
“Molecular phylogeny of Asian Begonia: effects of combining data from ITS, ndhF, and trnS-psbC”
- 4:45 Kelly Gallager** (Susan Allen-Gil)
“How many eggs can you lay? Ready, set...go”
- 5:00 Victoria Couture** (Susan Allen-Gil)
“Mommy, why am I not growing? Effects of estradiol on survival and growth of fathead minnows”

THURSDAY, APRIL 29

- 4:00 Ravi Kagali** (Vicki Cameron)
“Examination of Cox2 polypeptides in mutant yeast strains through Western Blot”
- 4:15 Mary Kate Gaetani** (Marina Caillaud)
“Development of high quality polymorphic microsatellite loci in pea aphids (*Acyrtosiphon pisum*)”
- 4:30 Allison Mikita** (Jason Hamilton)
“The effects of light on soybean leaf response to herbivory”
- 4:45 Evan Novick** (Marina Caillaud)
“Cross-amplification of microsatellite loci in the greenbug (*Schizaphis graminum*)”
- 5:00 Caitlin McDonald** (Marc Servetnick)
“The role of FGFR-4 in activation of ERK through signal transduction”

CNS 112

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