

**STUDENT RESEARCH PRESENTATIONS
AGRICULTURAL BIOTECHNOLOGY PROGRAM (ABT 395/399)
FINAL SCHEDULE**

When: 1:00 pm – 4:00pm, Tuesday, December 10, 2013

Where: Cameron Williams Lecture Hall – Plant Science Bldg.

- 1:00 pm** Welcome and Introduction Dr. Bruce Webb, ABT 395/399 Course Coordinator
- 1:10pm** **Katelyn Robertson** The Direct Effect of Doxorubicin and MESNA on TNF-alpha and Non-target Tissues of the Brain
Mentor: Dr. Daret St. Clair, Graduate Center for Toxicology, UK College of Medicine
- 1:25pm** **Kayla King** Pharmacological Analysis of Dopamine Modulation in the Developing Fruit Fly Heart
Mentor: Dr. Robin Cooper, Department of Biology, UK College of Arts and Sciences
- 1:40pm** **Stu Lichtenberg** Polyhedrin Production in a Mutant Variant of Cytoplasmic Polyhedrosis Virus HvCPV5
Mentor: Dr. Kendra Steele, ParaTechs Corp., Lexington, KY
- 1:55pm** **James Jasis** Functional Characterization of the Methylation State of Calmodulin in *Drosophila melanogaster* using Knockdown of Calmodulin Methyltransferase
Mentor: Dr. Robert Houtz, Department Horticulture, UK College of Agriculture Food and the Environment
- 2:10pm** **Chris Gerwe** Characterization of the Interaction between Neurophilin-1 and GIPC
Mentor: Dr. Craig Vander Kooi, Department of Molecular and Cellular Biochemistry, UK College of Medicine
- 2:30pm** **BREAK**
- 2:45pm** **James Bastin** Seleno-compounds in Selenium-enriched Yeast Inhibit the Metastatic Ability of Breast Cancer Cells
Mentor: Dr. Ronan Power, Nutrigenomics Center, Alltech, Nicholasville, KY
- 3:00pm** **Olivia Jones** Molecular Marker Analysis for Native Traits and Adventitious Presence of GMO Traits in Inbreds
Mentor: Dr. Hsiao-Yi Hung, Dupont/Pioneer Champaign Research Center
- 3:15pm** **Devin Henry** An Integrated Protein Localization and Interaction Map of Tobacco Etch Virus
Mentor: Dr. Michael Goodin, Department of Plant Pathology, UK College of Agriculture Food and the Environment
- 3:30pm** **Sarai Wethington** The Role of MC1R in Suppressing UV-Induced Mutations and Cell Death
Mentor: Dr. John D’Orazio, Department of Pediatric Hematology/Oncology, UK College of Medicine
- 4:00pm** Reception and awarding of the Glenn B. Collins Undergraduate Research Achievement Award in Agricultural Biotechnology