

STUDENT RESEARCH PRESENTATIONS
AGRICULTURAL BIOTECHNOLOGY PROGRAM
(ABT 395/399)
Final Schedule

When: 1:00 – 5:15 PM, Thursday, April 28, 2011
Where: Cameron Williams Lecture Hall – Plant Science Bldg.

Welcome and Introduction (Dr. Bruce Webb)

1:00 PM B. Kirtley Amos

Title: Enriching Vesicular Glutamate Transporters within Bovine Tissue
Mentor: Dr. Jamie Matthews, Department of Animal Sciences, UK College of Agriculture

1:15 PM Jamie Cottrell

Title: Investigation of KIT for the Mutation Causing the Spotting Phenotype in Donkeys
Mentor: Dr. Ernie Bailey, Department of Veterinary Sciences, UK College of Agriculture

1:30 PM Corey Cox

Title: Genetic basis for host specificity in plant symbiotic fungi
Mentor: Dr. Christopher Schardl, Department of Plant Pathology, UK College of Agriculture

1:45 PM Erin Fehrenbach

Title: Anti-Viral and Anti-Bacterial Properties of Blackberry Extract and their Effects Against the Human Herpes Virus and Periodontal Diseases
Mentor Dr. Craig Miller, Department of Oral Health Practice, UK College of Dentistry

2:00 PM Alyssa Fountain

Title: Assessing Dopamine Neuron Stimulating Peptide-11's Metabolic Effects
Mentor: Dr. Luke Bradley, Department of Anatomy and Neurobiology, UK College of Medicine

2:15 PM Kate Brandewie

Title: Biglycan and TGF- β in Diabetic Nephropathy
Mentor: Dr. Lisa Tannock, Department of Internal Medicine, UK College of Medicine

2:30 PM Scott Parker

Title: Expression Pattern and Single Copy Gene Frequency Within Copy Number Variation Events Under Force and Selection
Mentor: Dr. Seth DeBolt, Department of Horticulture, UK College of Agriculture

2:45 PM Taylor Lloyd

Title: Differential expression of PIF1 targeted genes in various PIF1 and CTG10 mutants
Mentors: Dr. Bruce Downie and Dr. Santosh Kumar, Department of Horticulture, UK College of Agriculture

3:00 PM PM BREAK

3:15 PM Shelby Malone

Title: Immunological Analysis of Tagged HMPV P Protein
Mentor: Dr. Rebecca Dutch, Dept of Molecular and Cellular Biochemistry, College of Medicine

3:30 PM Elizabeth Wilson

Title: The Efficacy of the Essential Oil Based Antiseptic Mouthwash, OraMd®, on the Gram Negative Biofilm Producing Bacteria, *Fusobacterium nucleatum*
Mentor: Dr. John Novak, Department of Oral Biology, UK College of Dentistry

3:45 PM Jordan Clay

Title: Steryl Glycosides and Their Role in the Plant Cell

Mentor: Dr. Seth DeBolt, Department of Horticulture, UK College of Agriculture

4:00 PM Philip Houtz

Title: The Characterization of a Novel Cypovirus in a Parasitoid-Host Relationship

Mentor: Dr. Bruce Webb, Department of Entomology, UK College of Agriculture

4:15 PM Brad Paasch

Title: Hippocampal Glutamate Dynamics in a Kindled Model of Epilepsy

Mentor: Dr. Greg Gerhardt, Department of Anatomy and Neurobiology, UK College of Medicine

4:30 PM Ariel Robinson

Title: Ephaptic Transmission between Motor Axons

Mentor: Dr. Robin Cooper, Department of Biology, UK College of Arts & Sciences

4:45 PM Joey Hoover

Title: Retrotransposon in the Telomere of *Magnaporthe oryzae*

Mentor: Dr. Mark Farman, Department of Plant Pathology, College of Agriculture

5:00PM Reception and Presentation of the Glenn Collins Research and Presentation Award