GGB Student Symposium 2013

8:00-9:00AM  New Student Orientation

8:30-9:30AM  Breakfast and Registration  
( Genomics Lobby)

9:30-10:45AM  Session I
Chair: Stephanie Coffman

9:30AM  Welcome & Opening Remarks

9:45AM  Amanda Hollowell, Sachs Lab  
Variation in antibiotic resistance in natural populations of  
Bradyrhizobium

10:00AM  Keira Lucas, Raikhel Lab  
Conserved microRNA miR-8 is an essential regulator of  
reproductive events in the fat body of the female mosquito,  
Aedes aegypti

10:15AM  Bo Zhao, Raikhel Lab  
Towards improvement of genetics tools for mosquito research:  
Development and application of the binary Gal4/UAS system in  
Aedes aegypti

10:30AM  Shaofang Li, Chen Lab  
Genome-wide profiling of Pol IV-dependent siRNA precursor  
transcripts

10:45-11:00AM  Coffee Break

11:00-12:00PM  Session II  
Chair: Caroline Sjorgen

11:00AM  Evelien Bunnik, Le Roch Lab  
Polysome Profiling reveals Translational Control of Gene  
Expression in the Human Malaria Parasite Plasmodium  
falciparum

11:15AM  Stephanie Coffman, Ding Lab  
Identification of genes required for RNAi-mediated antiviral  
immunity in C. elegans

11:30AM  Jinfeng Lu, Ding Lab  
RNA interference functions as an antiviral immunity in  
mammals

11:45AM  Ilva Cabrera, Borkovich Lab  
Prediction of Gene Functions using Phenomics in a Model  
Filamentous Fungus

12:00-1:30PM  Lunch (HUB 355)
1:30-2:30PM  Session III
Chair: Mitchell Lucas
1:30-2:30PM  Keynote Address
Dr. Bradley White, Entomology Department

2:30-2:45PM  Coffee Break

2:45-3:45PM  Session IV
Chair: Steven Ahrendt
2:45PM  Mitchell Lucas, Close Lab
Application of Genomic Resources to Aid a Legacy of Collaborative Cowpea Breeding between UCR and Africa
3:00PM  Sarah Perry, Ray Lab
Genetic and epigenetic mechanisms underlying olfactory learning and memory in Drosophila melanogaster.
3:15PM  Meenkashi Kagda, Judelson Lab
Metabolic adaptations and phosphagen kinases in the plant pathogen Phytophthora infestans
3:30PM  Jolly Shrivastava, Judelson Lab
Building a pipeline to identify antigenic peptides specific to Phytophthora infestans

3:45-4:00PM  Coffee Break

4:00-4:45PM  Session V
Chair: Keira Lucas
4:00PM  Steven Ahrendt, Stajich Lab
Comparative Analysis of Putative Rhodopsins in Early Diverging Fungal Lineages
4:15PM  Caroline Sjorgen, Larsen Lab
Aluminum promotes root growth inhibition through an ATR- and SOG1-dependent transcriptional response.
4:30PM  Gabriel Murillo, Cui Lab
High-Throughput Sequencing Analysis Using the REMix Base-Caller and the GeMS SNP Caller

5:30-6:30PM  Poster Session and Reception
( Genomics Lobby)

6:30PM  Awards and Closing Remarks