Graduate Research Symposium
September 18, 2008

9:30-9:40  Introduction

9:40-10:00  Improvements in Oligonucleotide Fingerprinting of Ribosomal rRNA Genes
Presented by Paul Ruegger

10:00-10:20  Small Molecule Inhibitors of RNA Silencing
Presented by Samer Elkashef

10:20-10:40  Genome-wide dynamic response of light-regulated mRNA translation in Arabidopsis
Presented by Piyada Juntawong

10:40-10:55  Coffee Break

10:55-11:15  Origin and Evolution of Invasive Thistle Populations in California
Presented by Janet Garcia

11:15-11:35  Non-Coding RNA-mediated Epigenetic Regulation
Presented by Alice Kan

11:35-11:55  Chemical Genetics Approach to Study ROP Pathway that Regulates Tip Growth in Arabidopsis
Presented by Augusta Jamin

11:55-1:10  Lunch Break, Commons 268

1:10-1:30  Effects of protein size and secondary structure on tensile strength
Presented by Matt Collin

1:30-1:50  Contribution of Specific Amino Acid Changes in Penicillin Binding Protein-1 to Amoxicillin Resistance in Helicobacter pylori
Presented by Nadia Qureshi

1:50-2:10  Retrotransposons as Potential DNA Markers Used in Targeting Genetic Differences Between Related
Species of Citrus
Presented by Jennifer Crowley

2:10-2:30
Silk gland transcripts from *Liphistius malayanus* (Araneae, Mesothelae) reveal an early diversification of silk genes in spiders
Presented by James Starrett

2:30-2:45
Coffee Break

2:45-3:05
High throughput approach for determination of HNF4α binding motifs
Presented by Eugene Bolotin

3:05-3:25
Discovery of motifs regulating stage-specific transcription in the asexual cycle of the phytopathogen
Presented by Sourav Roy

3:25-3:45
Identification and characterization of the *Pennywise/Poundfoolish (PNY/PNF)* regulatory networks that controls floral specification in *Arabidopsis thaliana*
Presented by Shruti Lal

3:45-4:05
A chemical genomics approach to investigate the functions of Mitogen activated protein kinases in *Arabidopsis thaliana*
Presented by Charles Jang

4:05-
Presentation of Best student speaker Award, and Closing Remarks