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**