

FRIDAY, OCTOBER 2, 2009

[Student/Faculty Talks are in the Pineview Room.]

5:00pm	CHECK IN
5:30-6:30pm	OPENING RECEPTION [Lakeview Room]
6:30-8:00pm	DINNER
8:00-8:10pm	WELCOME
8:10-9:10pm	KEYNOTE SPEECH Dr. Terence A. Walsh, Dow AgroSciences — "Selectivity & Plant Fate of Novel Phytotoxins: Some Chemical Genetic Case Studies"
9:10-9:30pm	BREAK — Coffee & Tea
9:30-10:00pm	CHALLENGES
10:00pm	SOCIAL [Lakeview Room]

SATURDAY, OCTOBER 3, 2009

8:00-9:00am **BREAKFAST**

Moderator: Moses Tataw

9:00-9:20am	Jolene Diedrich — "Analyzing Protein Modifications by Photodis- sociation and Mass Spectrometry"
9:20-9:40am	Melinda Salus — "Dissecting Plant Defense Signaling by Chemical and Molecular Genetics"
9:40-10:00am	Yiqun (Eddie) Cao — "Accelerated Similarity Searching and Clustering of Large Compound Sets by Geometric Embedding and Locality Sensitive Hashing"
10:00-10:20am	Augusta Jamin — "Chemical Genetics Approach to Identify Inhibitor of ROP and GAP Interaction in Arabidopsis"
10:20-10:35am	BREAK — Coffee & Tea

Moderator: Patrick Schacht

10:35-10:55am	Gregory Barding — "A Metabolic Exploration of <i>O. sativa</i> ssp. <i>Japonica</i> cv. M202(Sub1)"
10:55-11:15am	Patrick Schacht — "Studying the Guanine Nucleotide Exchange Factor RIC8 Using Chemical and Genetic Screens"
11:15-11:35am	Michelle Brown — "Dissecting Endomembrane Trafficking Underlying Gravitropic Responses in <i>Arabidopsis thaliana</i> via Chemical Genomics"
11:35-11:55am	Andrew Defries — "Synthesis and Utility of Tagged Small Molecule Libraries for Forward Chemical Genetics in <i>Arabidopsis</i> and <i>Saccharomyces</i> "
12:00-1:00pm	LUNCH
1:00-2:00pm	FACULTY MEETING [Pineview Room] STUDENTS MEET w/DR. WALSH [Lakeview Room]
2:00-5:00pm	FREE TIME
5:00-6:30pm	PRE-DINNER SOCIAL [Lakeview Room]
6:30-8:00pm	DINNER
Moderator: Kayla Kaiser	
8:00-8:20pm	James Kim — "Study of Conidiation in <i>Neurospora crassa</i> Using Metabonomics"
8:20-8:40pm	Sean Boyle — "A Novel Chemical- informatics Method to Decode Odor Receptor Chemical Space"
8:40-9:00pm	Blanca Barrera — "Screening of Chemicals Affecting ABA and Abiotic Stress Responses in <i>Arabidopsis</i> "
8:40-9:00pm	Karine Le Roch , Assistant Professor, Cell, Biology & Neuroscience Department — "Mapping Chromatin Structure and Nucleosome Fluctua- tion by Massive Parallel Sequencing: A Genomic Approach to Under- stand the Human Malaria Parasite Infectious Cycle"

9:20-9:30pm **BREAK — Coffee & Tea**

9:30-10:00pm **PERSPECTIVES**

10:05pm **SOCIAL**
[Lakeview Room]

SUNDAY, OCTOBER 4, 2009

8:00-9:00am **BREAKFAST**

Moderator: Michelle Brown

9:00-9:20am	Rae Eden Yumul — "Using Chemical Genomics to Identify Negative Regulators of Transcrip- tional Gene Silencing"
9:20-9:40am	Thanh (Theresa) Dinh — "A Forward Chemical Genomics Screen to Identify Players Involved in TGS"
9:40-10:00am	Moses Tataw — "Curvature Interest Points for Detection and Tracking: A Quantitative Analysis of Primordia Development in <i>Arabidopsis thaliana</i> "
10:00-10:20am	Shang Wu — "The Role of Homeobox Genes in Regulating Gene Expression Domains in the SAM"
10:20-10:35am	BREAK — Coffee & Tea

Moderator: Andrew Defries

10:35-10:55am	Melissa Smith — "Elucidation of the Role of Leucine Aminopepti- dase A in the Wound Response Pathway in Tomato"
10:55-11:15am	Kayla Kaiser — "Solid Phase Extraction: A Strategy for Class- specific Enrichment of Secondary Metabolites"
11:15-11:30am	PROPOSALS
11:30am-12:00pm	EXTERNAL PROGRAM EVALUATION — L. Kohne
12:00-1:00pm	LUNCH