

Oral Presentations

Session One- Tuesday, August 5, 2014



Colin Gould

Brown University

Faculty Lab: Jeffrey Long, Ph.D.

Title: Formation and Characterization of a High Oxidation Metal-Oxo Species in a Manganese-Based Metal-Organic Framework

9:00 a.m.



Benjamin Raliski

University of Massachusetts Amherst

Faculty Lab: Evan Miller, Ph.D.

Title: The Synthesis of Next-Generation Voltage Sensitive Dyes

11:15 a.m.



Joseph Dennis

Hope College

Faculty Lab: Thomas Maimone, Ph.D.

Title: Investigations into the Ring-Opening and Functionalization of Cyclopropyl Amines

9:15 a.m.



Derek J. Platt

Tennessee State University

Faculty Lab: Greg Barton, Ph.D.

Title: Gene Inhibition and Targeted Gene Knockout to Confirm the Role of C-type Lectin Receptors in Mediating Changes in Neutrophil Function

11:30 a.m.



Kaarin Evans

Macalester College

Faculty Lab: Richmond Sarpong, Ph.D.

Title: Synthesis of a Diterpenoid Alkaloid Analogue for Ion Channel Modulation

9:30 a.m.



Devin Stranford

The University of Tulsa

Faculty Lab: Laurent Coscoy, Ph.D.

Title: Infection of B Cells by Kaposi's Sarcoma-Associated Herpesvirus Requires Cell-to-Cell Contact

11:45 a.m.



Christopher McAtee (CCHF) 9:45 a.m.

Lycoming College

Faculty Lab: Richmond Sarpong, Ph.D.

Title: Progress Toward the Total Synthesis of the Herbindoles and Trikenstrins

9:45 a.m.



Johnathan Maza

The College of William & Mary

Faculty Lab: Sarah Stanley, Ph.D.

Title: Identification of Pathways that Lead to Aerobic Glycolysis during Bacterial Infection

12:00 noon



Aubrey Paris

Ursinus College

Faculty Lab: Christopher Chang, Ph.D.

Title: Metalloporphyrin-Containing Covalent Organic Frameworks in the Electrochemical Reduction of CO₂

10:00 a.m.



Royce Harner

University of California, Berkeley

Faculty Lab: Nipam Patel, Ph.D.

Title: Investigating the Role of TGF-beta Signaling in Germline Regeneration in an Amphipod

12:15 p.m.



Amber Lott

Georgia Southern University

Faculty Lab: Felix Fischer, Ph.D.

Title: Synthesis of Atomically Defined Graphene Nanoribbons

10:15 a.m.



Mohamad Ali Najia

Georgia Institute of Technology

Faculty Lab: Michael Eisen, Ph.D.

Title: Temperature-Dependent Developmental Variation within Wild Strains of *D. melanogaster*

12:30 p.m.



Jia Ji Lin

University of Alabama

Faculty Lab: Bryan McCloskey, Ph.D.

Title: Examining the Role of Lithium Nitrate in Li-O₂ Batteries Using Quantitative O₂ and Li₂O₂ Assays

10:30 a.m.



Ryan Muller (CRSB)

Arizona State University

Faculty Lab: Ming Hammond, Ph.D. and Don Rio, Ph.D.

Title: Development of Cas9 as a Tool for Targeted Regulation of Alternative Splicing

12:45 p.m.



Taylor Barrett

Rochester Institute of Technology

Faculty Lab: Matt Francis, Ph.D.

Title: Synthesis of Small Molecules to Site-Selectively Modify the N-terminus of Proteins

11:00 a.m.

Come and join us in supporting our Scholars and learn about their summer research!