Poster Session I

1. **Scott J. Barraza** (Prof. Scott E. Denmark)
   Synthesis and functionalization of novel silicon-containing heterocycles for drug discovery

2. **Adam G. Hill** (Prof. Martin D. Burke)
   *Peridinin as a Probe for the Role of Lipid Peroxidation in Disease*

3. **Kaibo Feng** (Prof. M. Christina White)
   Remote Aliphatic C—H Oxidation of Nitrogen-Containing Molecules

4. **Emma H. Southgate** (Prof. David Sarlah)
   Total Synthesis of Lycoricidine Enabled by Dearomative Dihydroxylation with Arenophiles

5. **Hailey Knox** (Prof. Jefferson Chan)
   Applications of Photoacoustic Imaging for Hypoxia Detection and Image-Guided Drug Delivery

6. **Riley Svec** (Prof. Paul J. Hergenrother)
   Removing Enzymatic Susceptibility of Imidazotetrazine Prodrugs for the Treatment of Glioblastoma

7. **Abigail Halmes** (Prof. Jeffrey Moore)
   The Effect of Regiochemistry on Naphthopyran Mechanochromism

8. **Brenda Andrade** (Prof. Steven Zimmerman)
   Development of Aldehyde Bisamidinium Ligands for the Treatment of Myotonic Dystrophy Type 1 (DM1)

9. **Paul Klauser** (Prof. Scott Silverman)
   DNA-Catalyzed DNA Cleavage by a Radical Pathway with Well-Defined Products

10. **Travis Buchanan** (Prof. Kami Hull)
    Three Component Cu-Catalyzed Carboamination of Olefins

11. **Xiao Rui Guo** (Prof. Douglas A. Michell)
    Bioinformatics-Guided Natural Products Discovery via Reactivity-Based Screening

12. **Zhengan Zhang** (Prof. Wilfred A. van der Donk)
    *In vitro reconstitution and substrate specificity of the biosynthesis of the core scaffold of the thiopeptide thiomuracin*