1  **126 - Molybdenum pyranopterin dithiolene complexes: Synthesis and reactivity of models for the molybdenum cofactor**
   **Authors:** Douglas Gisewhite, Benjamin Williams, Yichun Fu, Hannah Gilbert, Syuyin Lee, Professor Sharon Burgmayer
   **Division:** INOR: Division of Inorganic Chemistry
   **Date/Time:** Sunday, August 19, 2012 - 06:00 PM and Monday, August 20, 2012 - 08:00 PM
   **Session Info:** Memorial Symposium for Michelle Millar: Exploration of Enzymes and their Functions Using Synthetic Inorganic Chemistry (06:00 PM - 08:00 PM)
   **Location:** Pennsylvania Convention Center
   **Room:** Hall D

2  **633 - Novel synthesis of 2-alkyl-2-allyl-3-cyclohexen-1-one compounds**
   **Authors:** Andrew Krasley, William P Malachowski
   **Division:** ORGN: Division of Organic Chemistry
   **Date/Time:** Monday, August 20, 2012 - 0:800 PM and Tuesday, August 21, 2012 - 08:00 PM
   **Session Info:** Materials for Health and Medicine, Biologically Related Molecules and Processes, Materials Devices and Switches, Metal-Mediated Reactions and Syntheses, and Organometallics (08:00 PM - 10:00 PM)
   **Location:** Pennsylvania Convention Center
   **Room:** Hall D

3  **630 - Synthesis, electrochemistry, and utilization as light harvesting catalysts of ruthenium and iridium complexes containing multiple metal centers**
   **Authors:** Ryan J Fealy, Jonas I Goldsmith
   **Division:** INOR: Division of Inorganic Chemistry
   **Date/Time:** Wednesday, August 22, 2012 - 03:40 PM
   **Session Info:** Electrochemistry (01:30 PM - 05:00 PM)
   **Location:** Pennsylvania Convention Center
   **Room:** 123

4  **310 - Design and synthesis of hydroxylamine derivatives as indoleamine 2,3-dioxygenase inhibitors**
   **Authors:** Maria Winters, Eesha Sheikh, Maisha Rahman, William P. Malachowski, George Prendergast, Alexander Muller, and James DuHadaway
   **Division:** MEDI: Division of Medicinal Chemistry
   **Date/Time:** Wednesday, August 22, 2012 - 07:00 PM
   **Session Info:** General Poster Session (07:00 PM - 10:00 PM)
   **Location:** Pennsylvania Convention Center
   **Room:** Grand Ballroom PCC

5  **291 - Curious Cope rearrangement in an enantioselective synthesis**
   **Authors:** Tina M Ross, William P Malachowski
6 253 - Exploration of enantioselective conjugate additions to a hindered cyclohexenone system

Authors: Sarah J Burke, Sharan Mehta, Roselyn Appenteng, William P. Malachowski
Division: ORGN: Division of Organic Chemistry
Date/Time: Sunday, August 19, 2012 - 08:00 PM
Session Info: Asymmetric Reactions and Syntheses, Heterocycles and Aromatics, Total Synthesis of Complex Molecules, Physical Organic Chemistry: Calculations, Mechanisms, Photochemistry, and High-Energy Species (08:00 PM - 10:00 PM)
Location: Pennsylvania Convention Center
Room: Hall D

7 250 - Synthesis of hydroxylamines as indoleamine-2, 3-dioxygenase inhibitors

Authors: Maisha M Rahman, Maria Winters, Eesha Sheikh, William P. Malachowski, George Prendergast, Alexander Muller and James DuHadaway
Division: CHED: Division of Chemical Education
Date/Time: Monday, August 20, 2012 - 02:00 PM
Session Info: Undergraduate Research Posters (02:00 PM - 04:00 PM)
Location: Pennsylvania Convention Center
Room: Hall D

8 134 - Synthesis and characterization of a novel pyrene-terminated ruthenium polypyridyl complex that mediates the photocleavage of DNA

Authors: Samantha K Jones, Sharon N Burgmayer, Jonas I Goldsmith
Division: INOR: Division of Inorganic Chemistry
Date/Time: Sunday, August 19, 2012 - 06:00 PM
Session Info: Bioinorganic Chemistry (06:00 PM - 08:00 PM)
Location: Pennsylvania Convention Center
Room: Hall D

9 132 - Turning on DNA photocleavage by Ru(bpy)₂(pteridine)²⁺ complexes

Authors: Benjamin Williams, Alexandra Gaudette, Meredith Skiba, Professor Sharon Burgmayer
Division: INOR: Division of Inorganic Chemistry
Date/Time: Sunday, August 19, 2012 - 06:00 PM
Session Info: Bioinorganic Chemistry (06:00 PM - 08:00 PM)
Location: Pennsylvania Convention Center
Room: Hall D