

1 [126 - Molybdenum pyranopterin dithiolene complexes: Synthesis and reactivity of models for the molybdenum cofactor](#)

Authors: Douglas Gisewhite, Benjamin Williams, Yichun Fu, Hannah Gilbert, Suyin 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 catalyts 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

Division: ORGN: Division of Organic Chemistry
Date/Time: Monday, August 20, 2012 - 10:00 AM
Session Info: [Asymmetric Reactions and Syntheses \(08:00 AM - 11:40 AM\)](#)
Location: Pennsylvania Convention Center
Room: 204 A

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\(bpy\)₃\(pteridine\)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

