## DEPARTMENT OF CHEMISTRY Presents:
### 2009 FALL Colloquium

All lectures to be held at 4:15 p.m. on Fridays, unless otherwise noted, in Room 121 of the Todd Wehr Chemistry Building, 535 North 14th St. Refreshments will be served at 4:00 PM in Room 121. For more information call (414) 288-3515.

<table>
<thead>
<tr>
<th>Date</th>
<th>Topic</th>
<th>Speaker</th>
<th>Affiliation</th>
<th>Host</th>
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</thead>
<tbody>
<tr>
<td>Sep 4</td>
<td>“The Oxoiron(IV) Reaction Landscape”</td>
<td>Professor Lawrence Que</td>
<td>Department of Chemistry, University of Minnesota</td>
<td>JG</td>
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<tr>
<td>Sep 11</td>
<td>“Lessons from Nature: Utilizing Hydrogen Bonds to Control Metal-Mediated Processes”</td>
<td>Professor A. S. Borovik</td>
<td>Department of Chemistry, University of California at Irvine</td>
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<tr>
<td>Sep 18</td>
<td>“Light Interactions with Metallic Nanostructures”</td>
<td>Dr. Stephen K. Gray</td>
<td>Argonne National Laboratories</td>
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<td>Sep 25</td>
<td>“Light, a ‘Traceless Reagent’ for Rapid Release of Substrates: Utilizing the photo-Favorskii Rearrangement”</td>
<td>Professor Richard Givens</td>
<td>Department of Chemistry, University of Kansas</td>
<td>MGS</td>
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<td>Oct 2</td>
<td>“Using Metal-Metal Bonds to Activate Transition Metals”</td>
<td>Professor John Berry</td>
<td>Department of Chemistry, University of Wisconsin-Madison</td>
<td>JG</td>
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<td>Oct 9</td>
<td>“Mechanistic studies of metalloproteins involved in bacterial responses to nitric oxide”</td>
<td>Professor Pierre Moenne-Loccoz</td>
<td>Department of Chemistry, Oregon Health and Science University</td>
<td>JK</td>
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<td>Oct 16</td>
<td>“DNA-based Light Harvesting Complexes”</td>
<td>Professor Challa V. Kumar</td>
<td>Department of Chemistry, University of Connecticut</td>
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<td>Oct 30</td>
<td>“TBA”</td>
<td>Professor Jef DeBrabander</td>
<td>Department of Chemistry, University of Texas, Southwestern Medical Center</td>
<td>WAD</td>
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<td>Nov 6</td>
<td>“Spectroscopic Studies of the Chemistry of Ozone: Applications to Atmospheric Chemistry and Semiconductors”</td>
<td>Professor Bruce S. Ault</td>
<td>Department of Chemistry, University of Cincinnati</td>
<td>SAR</td>
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<td>Dec 4</td>
<td>“Next Generation Therapeutic Targets: Multidrug Resistance and Regenerative Medicine”</td>
<td>Professor Jean Chmielewski</td>
<td>Department of Chemistry, Purdue University</td>
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<tr>
<td>Dec 11</td>
<td>“Organic supramolecular chemistry in the solid state and solution - from crystal engineering to host-guest interactions”</td>
<td>Professor Chris Pigge</td>
<td>Department of Chemistry, University of Iowa</td>
<td>RR</td>
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