### Schedule

**January 21**
Host: Dr. John Bartmess  
**“Boron Science at Tennessee: Chemistry Basics to Modern Medicine”**  
**Dr. George Kabalka** – University of Tennessee, Knoxville

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**January 28**
Host: Dr. David Jenkins  
**“Unsaturated Metal Isocyanides”**  
**Dr. Joshua S. Figueroa** – University of California, San Diego

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**February 4**
Host: Dr. Shawn Campagna  
*5pm Buehler 555*  
**“New Analytical Tools for the Cell by Cell Chemical Characterization of the Brain”**  
**Dr. Jonathan Sweedler** – University of Illinois, Urbana-Champaign

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**February 11**
Host: Dr. Jan Musfeldt  
**“Controlling Electronic and Magnetic Properties of Molecular Solids through Directional Intermolecular Interactions”**  
**Dr. John Schluter** – Argonne National Laboratory, Illinois

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**February 18**
Host: Dr. John Lares  
**“Bioengineering Silk Proteins for Regenerative Medicine”**  
**Dr. David Kaplan** – Tufts University, Massachusetts

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**February 25**
Host: Dr. Ben Xue  
**“Dopant-defect Incorporation and Interactions in Multifunctional Inorganic Nanomaterials”**  
**Dr. Kevin Kittilstved** – University of Massachusetts, Amherst

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**March 3**
Host: Dr. Janice Musfeldt  
**“Organic-based Magnets: New Chemistry, Physics and Materials for this Millennium”**  
**Dr. Joel Miller** – University of Utah

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**March 10**
Host: Dr. Jeffrey Kovac  
**“Modern Chemical Warfare: History, Chemistry, Medicine and Morality”**  
**Dr. Joseph Gal** – University of Colorado, Anschutz Medical Campus

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**March 31**
Host: Dr. Bin Zhao  
**“Nanostructured Functional Materials by Taming Free Radicals”**  
**Dr. Krzysztof Matyjaszewski** – Carnegie Mellon University, Pennsylvania

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**April 7**
Host: Dr. Ben Xue  
**“Using Light to Control Magnetic Switching: Photomagnetic Semiconductors and Light-Induced Radical Trapping”**  
**Dr. Mike Shatriuk** – Florida State University

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**April 14**
Host: Dr. Mike Best  
**“Applying Selective Conjugation Reactions for Mimicking and Modifying Biomolecules”**  
**Dr. Neal Devaraj** – University of California, San Diego

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**April 21**
**BoV Poster Winners**

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<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Lena Elenchin</td>
<td>“Synthesis and Characterization of Single Site Heterogeneous Titanium Catalysts for Selective Oxidation”</td>
<td>Dr. Craig Barnes</td>
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<tr>
<td>Xinyi Lu</td>
<td>“Improved Carbon Nanotube Fibers through Crosslinking”</td>
<td>Dr. Jimmy Mays</td>
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**Spring 2016**

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**Seminar Chair:**
**Dr. David Baker**  
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