<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Room</th>
<th>Speaker</th>
<th>Topic</th>
<th>Host</th>
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</thead>
</table>
| Thur Jan 14| 4:00 pm | W140  | **PHYSICAL**
Paul Bohn
University of Notre Dame | Single Molecule Spectroelectrochemistry in Zero-Dimensional Nanophotonic-Nanoelectronic Structures | JEP        |
| Wed Jan 20 | 4:00 pm | W140  | **INORGANIC**
Marissa Wood
University of Washington | Electrochemistry Under Confinement: Controlling Dynamics in Nanochannels via Tunable Mass Transport | RGH        |
| Thur Jan 21| 4:00 pm | W140  | **CURRENT TOPICS**
Andrew Holland
Johns Hopkins University | Centrosome amplification, aneuploidy and cancer | JLA/Jon Alder |
| Thur Feb 4 | 4:00 pm | W140  | **CURRENT TOPICS**
Randall Peterson
Harvard University | Screening for small molecule therapeutics in zebrafish | BMW        |
| Thur Feb 11| 4:00 pm | W140  | **PHYSICAL**
Douglas Henderson
Brigham Young University | Computer Simulations Provide an Understanding of Electrochemical Interfaces | DHE        |
| Thur Feb 18| 4:00 pm | W140  | **CURRENT TOPICS**
Luke Gilbert
University of CA, San Francisco | Retooling CRISPR to turn genes on and off | BMW        |
| Mon Feb 22 | 4:00 pm | W140  | **BROADBENT LECTURE**
Barry M. Trost
Stanford University | Self-Assembly of Dinuclear main Group Catalysts for Enabling Asymmetric Synthesis | DJM        |
| Tues Feb 23| 4:00 pm | W140  | **BROADBENT LECTURE**
Barry M. Trost
Stanford University | A Challenge for Total Synthesis-Atom Economy | DJM        |
| Thur Feb 25| 4:00 pm | W140  | **ANALYTICAL**
Marc D. Porter
University of Utah | Detection of the Tuberculosis Antigenic Markers by Gold Nanoparticle Labeling and Surface-enhanced Raman Scattering (SERS) | ATW        |
| Mon Feb 29 | 4:00 pm | W140  | **INORGANIC**
Susannah Scott
University of CA, Santa Barbara | The mechanism of self-initiation in the Phillips ethylene polymerization catalyst | KJS        |
| Wed Mar 2  | 3:00 pm | W140  | **BIOCHEMISTRY**
Michael Morgan
University of CO, Denver | Methylation-Dependent Loss of RIP3 Expression in Cancer Cells Represses Programmed Necrosis in Response to Chemotherapy Agents | GFB        |
| Mon Mar 7  | 3:00 pm | W140  | **BIOCHEMISTRY**
Katie Pennington
University of Utah | Developing CRISPR/dCas9 to treat neovascular age-related macular degeneration | GFB        |
| Wed Mar 9  | 3:00 pm | W140  | **BIOCHEMISTRY**
Michael Rogers
Boston Children’s Hospital | Validation of anthrax toxin receptor 2 (Antxr2/CMG2) as a target for small molecule antiangiogenic therapy | GFB        |
| Thur Mar 10| 4:00 pm | 254 CB| **ANALYTICAL**
Shelley Minteer
University of Utah | Enzymatic Bioelectrocatalysis for Energy Conversion | ATW& John Harb |
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<th>Date</th>
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<th>University/Institution</th>
<th>Notes/Room</th>
<th>Lecturer</th>
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<tr>
<td>Thur Mar 17</td>
<td>4:00 pm</td>
<td>W140 BNSN</td>
<td>CURRENT TOPICS</td>
<td>Micah Drummond</td>
<td>University of Utah</td>
<td>Novel mechanistic insights into skeletal muscle metabolic disruption caused by physical inactivity</td>
<td>JLA/ Ben Bikman</td>
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<tr>
<td>Thur Mar 24</td>
<td>4:00 pm</td>
<td>W140 BNSN</td>
<td>ANALYTICAL</td>
<td>Ingrid Fritsch</td>
<td>University of Arkansas</td>
<td>Electrochemistry, Magnetic Fields, and Fluid Flow: Programming the Next Generation of Microfluidics</td>
<td>ATW</td>
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<tr>
<td>Fri Mar 25</td>
<td>4:00 pm</td>
<td>W140 BNSN</td>
<td>ORGANIC</td>
<td>Yu-Shan Lin</td>
<td>Tufts University</td>
<td>Computational design of small peptides</td>
<td>JLP</td>
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<td>Tue Mar 29</td>
<td>4:00 pm</td>
<td>W140 BNSN</td>
<td>INORGANIC</td>
<td>Reed M. Izatt</td>
<td>Brigham Young University, emeritus</td>
<td>It's Not Easy Being Green</td>
<td>RGH</td>
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<tr>
<td>Fri Apr 1</td>
<td>10:00 am</td>
<td>C107 BNSN</td>
<td>MATERIALS</td>
<td>Thorsten Schmidt</td>
<td>Technische Universität Dresden</td>
<td>DNA Nanotechnology – enabling technologies and potential applications for optoelectronics</td>
<td>ATW</td>
</tr>
<tr>
<td>Fri Apr 1</td>
<td>4:00 pm</td>
<td>W140 BNSN</td>
<td>RESEARCH IN LEARNING</td>
<td>Jack Barbera</td>
<td>Portland State University</td>
<td>How Do We Know What Students Know? The Development and Evaluation of a Concept Inventory</td>
<td>RLS</td>
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<tr>
<td>Mon Apr 4</td>
<td>4:00 pm</td>
<td>W140 BNSN</td>
<td>PHYSICAL</td>
<td>Junichiro Kono</td>
<td>Rice University</td>
<td>Optoelectronics with macroscopically aligned carbon nanotubes</td>
<td>JAJ</td>
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<td>Wed Apr 6</td>
<td>4:00 pm</td>
<td>W140 BNSN</td>
<td>ORGANIC</td>
<td>John McCauley</td>
<td>Rice University</td>
<td>Invention of Grazoprevir: A Hepatitis C Virus NS3/4a Protease Inhibitor</td>
<td>SLC</td>
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<td>Thur Apr 7</td>
<td>4:00 pm</td>
<td>W140 BNSN</td>
<td>BIOCHEMISTRY</td>
<td>Marc Hellerstein</td>
<td>University of CA, Berkeley</td>
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<td>JCP</td>
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<td>Fri Apr 8</td>
<td>4:00 pm</td>
<td>W140 BNSN</td>
<td>ANALYTICAL</td>
<td>Michael Breadmore</td>
<td>University of Tasmania</td>
<td>The right 3D printer for printing microfluidic chips, and what we can do with them</td>
<td>ATW</td>
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<tr>
<td>Mon Apr 11</td>
<td>4:00 pm</td>
<td>W140 BNSN</td>
<td>ORGANIC/INORGANIC</td>
<td>Marion Emmert</td>
<td>Worcester Polytechnic Institute</td>
<td>Breaking Strong Bonds and Recovering Rare Earths: Adventures in Sustainable Chemistry</td>
<td>KJS</td>
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<td>Tue Apr 12</td>
<td>4:00 pm</td>
<td>W140 BNSN</td>
<td>BIOCHEMISTRY</td>
<td>Hubert Vesper</td>
<td>Centers for Disease Control</td>
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<td>SWG</td>
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