<table>
<thead>
<tr>
<th>Time</th>
<th>Session 1A</th>
<th>Session 1B</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:45</td>
<td><strong>Semantic Priming during Binocular Suppression</strong>&lt;br&gt;Brandon Baartman, Kristine McGlennen</td>
<td></td>
</tr>
<tr>
<td>2:00</td>
<td><strong>Preparation and Reactivity of [1.1.1.] Propellane</strong>&lt;br&gt;Joel Rindelaub</td>
<td><strong>Niche partitioning between native and exotic earthworms in Costa Rica</strong>&lt;br&gt;Christine Askham</td>
</tr>
<tr>
<td>2:15</td>
<td><strong>Identification of an allosteric binding site in γ-glutamylcysteine ligase</strong>&lt;br&gt;Kelly Rozenboom, Colin Boettcher</td>
<td><strong>Belowground Analysis of a Historic Botrychium Population in Bonny Prairie Natural Area, Colorado</strong>&lt;br&gt;Whit Hohman, Steph Lewis, Amy Waldner</td>
</tr>
<tr>
<td>2:30</td>
<td><strong>Identification of an allosteric binding site in γ-glutamylcysteine ligase</strong>&lt;br&gt;Colin Boettcher, Kelly Rozenboom</td>
<td><strong>Photolysis of Sulfonoyl Group Herbicides: Nicosulfuron and Flumetsulam</strong>&lt;br&gt;Mallory Richards</td>
</tr>
<tr>
<td>2:45</td>
<td><strong>Synthesis of a Pyrrolizidine Alkaloid</strong>&lt;br&gt;David Guptill and Nina Serratore</td>
<td><strong>Excitation of Microcantilevers using Ultrasound Radiation Force</strong>&lt;br&gt;Eric Ofstad and Sam Barthell</td>
</tr>
<tr>
<td>3:00</td>
<td><strong>Studies on Diels-Alder Reactions of Substituted Siloxy-furans</strong>&lt;br&gt;Brittany Murphy</td>
<td><strong>Correcting for Particle Size Selectivity of Unsupported Pb$^{210}$ and Nuclear Fallout Cs$^{137}$</strong>&lt;br&gt;Peter Philippi</td>
</tr>
</tbody>
</table>
### Poster Session and Refreshments

<table>
<thead>
<tr>
<th>Time</th>
<th>Session 2A</th>
<th>Session 2B</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:15-3:45</td>
<td>Noble 222</td>
<td>Noble 201</td>
</tr>
<tr>
<td></td>
<td>Jonathan Smith, Chair</td>
<td>Margaret Bloch Qazi, Chair</td>
</tr>
<tr>
<td>3:15</td>
<td>ASIC3 and P2X involvement in ischemic pain sensation</td>
<td>Anion-exchange Resin-supported Sulfo-N-Hydroxysuccinimide:</td>
</tr>
<tr>
<td></td>
<td>Brandon Baartman</td>
<td>Drew Corbett</td>
</tr>
<tr>
<td></td>
<td>The Investigation of Excited State Dynamics in 7-azaindole: Resonance Raman Spectroscopy and Computational Simulation Techniques</td>
<td>Magnetic Interactions and the Mossbauer Effect in Ferrihydrite Nanoparticles</td>
</tr>
<tr>
<td></td>
<td>Nathan Erickson, Molly Beernink, Nathaniel Swenson</td>
<td>Anna Lindquist</td>
</tr>
<tr>
<td>3:15</td>
<td>Characterization of auditory responses in the ventral nerve cord of Periplaneta americana</td>
<td>Characterization of Speech Intelligibility in Christ Chapel</td>
</tr>
<tr>
<td></td>
<td>Asitha Jayawardena</td>
<td>Jing Han Soh, Daniel Mellema, Benjamin Wolf</td>
</tr>
<tr>
<td>3:15</td>
<td>The Relationship Between Empathy, Mirror Neuron Activity, and Heart Rate</td>
<td>The Relationship Between Empathy, Mirror Neuron Activity, and Heart Rate</td>
</tr>
<tr>
<td></td>
<td>Matt Novakovic, Eric Miller</td>
<td>Matt Novakovic, Eric Miller</td>
</tr>
<tr>
<td>3:45</td>
<td>Co-Rumination and Autobiographical Memory</td>
<td>Conservation genetics in the endemic streamfish Cottus marginatus.</td>
</tr>
<tr>
<td></td>
<td>Naomi Garbisch</td>
<td>Nathan Erickson, Molly Beernink</td>
</tr>
<tr>
<td>3:45</td>
<td>Hemizygous effects on female sperm storage in Drosophila melanogaster</td>
<td>Conservation genetics in the endemic streamfish Cottus marginatus.</td>
</tr>
<tr>
<td></td>
<td>Isaac Weeks</td>
<td>Isaac Weeks</td>
</tr>
<tr>
<td>4:00</td>
<td>Excited State Dynamics in 7-azaindole</td>
<td>Electrophysiological Characterization of Primary Afferent Neurons Responsive to Cowhage-induced Itch</td>
</tr>
<tr>
<td></td>
<td>Nathan Erickson, Molly Beernink</td>
<td>Daniella Gergen, Jenna Kesty, Nick Murray</td>
</tr>
<tr>
<td>4:15</td>
<td>Direct and Indirect Photochemical Degradation Pathways of Imazethapyr</td>
<td>Direct and Indirect Photochemical Degradation Pathways of Imazethapyr</td>
</tr>
<tr>
<td></td>
<td>Emily Pelton</td>
<td>Emily Pelton</td>
</tr>
</tbody>
</table>