## Summer Undergraduate Research Program in Food Safety

### Summer’s End Presentations

Room 6201 Microbial Sciences Building  
July 31st, 2014

<table>
<thead>
<tr>
<th>Presenter &amp; Title</th>
<th>Start</th>
<th>End</th>
<th>Q/A Until</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amy Parr</td>
<td>9:00</td>
<td>9:10</td>
<td>9:15</td>
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</table>
| *Jeri Barak; Laboratory mentor: Jeri Barak and Kimberly Cowles*  
Title of Presentation: **Determining Physical Interactions Between YobG and Sensor Kinases in Salmonella enterica.** |
| Joseph Pendleton | 9:15  | 9:25| 9:30     |
| *Charles Kaspar; Laboratory mentor: Charles Kaspar*  
Title of Presentation: **Bile Salt Sensitivity in Salmonella enterica Enteritidis E40.** |
| Emily Wilson     | 9:30  | 9:40| 9:45     |
| *Laura Knoll; Laboratory mentor: Kelly Pittman*  
Title of Presentation: **Disruption of Alpha-glucan, Water Dikinase 1 in Toxoplasma gondii using CRISPR/CAS9.** |
| Stella Winarto   | 9:45  | 9:55| 10:00    |
| *Charles Czuprynksi; Laboratory mentor: Charles Czuprynksi and Nancy Faith*  
Title of Presentation: **Listeria monocytogenes as an Independent Biofilm Former and in Conjunction with Industry Plant Isolates.** |
| Di Wang          | 10:00 | 10:10| 10:15    |
| *Barbara Ingham; Laboratory mentor: Wan Mei Leong*  
Title of Presentation: **Growth of Pathogens on Cheeses Stored under Aerobic, Anaerobic, Isothermal and Temperature Fluctuation Conditions.** |

10-minute break
Chase Fredrick 10:25 10:35 10:40
Eric Johnson; Laboratory mentor: Guangyung Lin
Title of Presentation: Effects of High Levels of Arginine on the Production of Clostridium botulinum Neurotoxin.

Nicole Baker 10:40 10:50 10:55
Kathy Glass and Jeff Sindelar; Laboratory mentors: Kathy Glass, Jeff Sindelar, Andy Milkowski
Title of Presentation: Effect of Prolonged Cooling on Clostridium perfringens Growth in a Ready-To-Eat Cured Ham Product.

Katie Osterbauer 10:55 11:05 11:10
Kathy Glass; Laboratory mentor: Kathy Glass
Title of Presentation: Growth of Clostridium perfringens in Uncured Turkey over Extended Cooling Periods.

Case Dunphy 11:10 11:20 11:25
J.P. van Pijkeren; Laboratory mentor: JeeHwan Oh
Title of Presentation: Identification and Characterization of Lactobacillus reuteri Phage.

Keegan Anderson 11:25 11:35 11:40
Jae-Hyuk Yu; Laboratory mentor: Ming-Yueh Wu
Title of Presentation: Aflatoxin Degradation by Aspergillus oryzae.