



University of Wisconsin-Madison

Food Research Institute

Since 1946, a tradition of food safety leadership through research, training, service, and outreach

Summer Undergraduate Research Program in Food Safety

Summer's End Presentations

Room 6201 Microbial Sciences Building
July 31st, 2014

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

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*.**