



Summer Undergraduate Research Program in Food Safety

Summer's End Presentations

Room 6201 Microbial Sciences Building

July 30, 2012

<u>Presenter & Title</u>	<u>Start</u>	<u>End</u>	<u>Q/A Until</u>
Jordan Sabez <i>faculty mentor: Kathy Glass; laboratory mentor, Katie Kennedy (Student in 2011 FRI summer program)</i> "Inhibition of <i>Clostridium perfringens</i> Growth during the Cooling Cycle of Uncured Turkey Breast Meat by Conventional and Natural Antimicrobials"	9:00	9:10	9:15
Jennifer Roberts <i>faculty mentor: Mark Cook; laboratory mentor, Jordan Sand</i> "Developing a Model for Oral Antigen-induced Dermatological Disease"	9:15	9:25	9:30
Hilary Kleinert <i>faculty mentor: Nancy Keller; laboratory mentor, Joseph Spraker</i> "The Effect the Density of Media Has on Secondary Metabolite Production in <i>Aspergillus flavus</i> "	9:30	9:40	9:45
Trace Borchardt <i>faculty mentor: Amy Wong; laboratory mentor, Zach Pratt</i> "Investigating the Role of Transcription Factors FNR and ArcA in <i>Escherichia coli</i> in Hyperosmotic Conditions"	9:45	9:55	10:00
Gerald Martell <i>faculty mentor: Chuck Kaspar; laboratory mentor, Dong-Jin Park</i> "Characterization of Putative Acid Resistance Genes <i>slp</i> and <i>yhif</i> in <i>Escherichia coli</i> O157:H7"	10:00	10:10	10:15
Di Wang <i>faculty mentor: Kathy Glass; laboratory mentor, Katie Kennedy (Student in 2011 FRI summer program)</i> "Inhibitory Effect of Sodium Nitrite and Nitrite-containing Celery Powder on <i>Clostridium perfringens</i> "	10:15	10:25	10:30
10-minute break			
Nicholas Rogall <i>faculty mentor: Jae-Hyuk Yu; laboratory mentor, Mi-Kyung Lee</i> "The Identification of PAH Metabolizing Genes in <i>Aspergillus flavus</i> "	10:40	10:50	10:55
Chelsey Timm <i>faculty mentor: Barb Ingham; laboratory mentors, Wan Mei Leong and Sarah Engstrom</i> "The Survival Patterns of <i>Listeria monocytogenes</i> , <i>Staphylococcus aureus</i> , <i>Escherichia coli</i> O157:H7 and <i>Salmonella</i> spp. in Extended Shelf Life of Cheddar and Muenster Cheese Curds"	10:55	11:05	11:10
Jonathan Szewczyk <i>faculty mentor: Laura Knoll; laboratory mentor, Lori Neal (former FRI Foster Fellow)</i> "Toxoplasma gondii Protein Protection Against <i>Listeria monocytogenes</i> Infection"	11:10	11:20	11:25
Quinn Watson <i>faculty mentor: Jeri Barak; laboratory mentor, Grace Kwan</i> "Hiding the Rot: A Study of the Varying Effects of Distinct Serovars of <i>Salmonella enterica</i> on <i>Pectobacterium carotovorum</i> subsp. <i>carotovorum</i> Virulence when Incubated on Romaine Lettuce"	11:25	11:35	11:40
Adam Bartling <i>faculty mentors: Andy Milkowski, Jeff Sindelar; laboratory mentor, Amanda King</i> "Nitrite Depletion Throughout Thermal Processing in Meat Species with Varying Heme Content"	11:40	11:50	11:55