



**2018 Summer Undergraduate Research Program Scholars' Final Presentations**  
**Thursday, July 26, 9 a.m., Microbial Sciences Room 6201**

- 9am – 9:15:** **Protein Purification and Enzymatic Assay of *Toxoplasma* Lipoygenase Candidates.**  
Lindsey Koch. Faculty mentor: Laura Knoll; Lab mentor: Sarah Wilson
- 9:15 – 9:30:** ***Entamoeba coli* cyst development during acute and chronic phases of host-colonization.**  
Colin Kim. Faculty mentor: Laura Knoll; Lab mentor: Carolina Mendoza-Cavazos
- 9:30 – 9:45:** **Investigation on the Antibacterial Activity of *Aspergillus Oryzae* Extract.**  
Phoebe Zhao. Faculty mentor: Tu Anh Huynh
- 9:45 – 10:00:** **The role of cyclic-di-AMP in bacterial growth and antibiotics resistance.**  
Nigel Kang. Faculty mentor: Tu Anh Huynh
- 10:00 – 10:15:** **Growth of filamentous and non-filamentous *Escherichia coli* during osmotic stress.**  
Brigitte Flannery. Faculty mentor: Charles Kaspar
- 10:15 – 10:30:** **Break**
- 10:30 – 10:45:** **Observation of spoilage organisms in chorizo.**  
Vanessa Villasenor. Faculty mentor: Kathy Glass and Andy Milkowski.
- 10:45 – 11:00:** **Comparative survival of *Listeria monocytogenes*, *Salmonella enterica*, or Shiga toxin-producing *Escherichia coli* on fresh-cut retail produce at 22°C.**  
Eleanor Hanson. Faculty mentor: Barb Ingham; Lab Mentor: Crystal Zhao.
- 11:00 – 11:15:** **Investigation of *Salmonella enterica* mutants through plant colonization assays.**  
Kelsey Wigand. Faculty mentor: Jeri Barak; Lab mentor: Brett Plagenz
- 11:15 – 11:30:** **Microbial Suppression by *Lactobacillus reuteri* in Orange Juice.**  
Ling Qiu. Faculty mentor: JP Van Pijkeren; Lab mentor: JeeHwan Oh
- 11:30 – 11:45:** **Control of aflatoxin contamination using edible *Aspergillus oryzae* fungus.**  
Meghan Graham. Faculty mentor: Jae-Hyuk Yu; Lab mentor: Ahmad Alshannaq