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* Lipoxygenase 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

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