Food Research Institute
UNIVERSITY OF WISCONSIN–MADISON

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

  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 Qui. 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