



Food Research Institute
UNIVERSITY OF WISCONSIN-MADISON

2025 Summer Undergraduate Research Program Scholars' Final Presentations
Friday, August 1st, 10:00 a.m., Microbial Sciences Room 6201

Register online for free Zoom webinar:

https://uwmadison.zoom.us/meeting/register/Qpfixmt0Qp2M7td7vxY_2g

- 10:00 – 10:15:** Haley Tarcin – “The effect of SP6 bacteriophage on the survival of *Salmonella typhimurium* in an in vitro poultry cecal model.”
Faculty mentor: Dr. Steve Ricke
- 10:15 – 10:30:** Makaya McCarthy – “Investigation of patulin disruption of quorum sensing in *Pseudomonas aeruginosa*.”
Faculty mentor: Dr. Nancy Keller
- 10:30 – 10:45:** Tina Zhou – “The use of a natural antimicrobial to inhibit the growth of foodborne pathogens and spoilage yeasts in dairy products (soft cheese and yogurt).”
Faculty mentor: Dr. Jae-Hyuk Yu
- 10:45 – 11:00:** Clare Stuczynski – “Determining whether changes in bile acid physiology induced by a chronic *Toxoplasma gondii* infection protect from weight gain in a murine model of diet-induced-obesity.”
Faculty mentor: Dr. Laura Knoll
- 11:00 – 11:15:** Jade Reiger – “investigation of a novel microbial solution’s ability to mitigate the effects of toxic tall fescue in cattle.”
Faculty mentor: Dr. Garret Suen
- 11:15 – 11:30:** Richard Wolff – “An in vitro analysis of nutrient transporters used by *Streptococcus agalactiae* during gastrointestinal colonization.”
Faculty mentors Dr. Andrew Hryckowian