

**Yuan Fang** is a Ph.D. candidate in Food Science, focusing research in Food Microbiology, and co-supervised by Dr. Lynn McMullen and Dr. Michael Gänzle in the University of Alberta. Her research addresses the major foodborne pathogen, Shiga-toxin producing *Escherichia coli*, which frequently contaminate meat products. Specifically, she is investigating the effect of pathogen interventions on the spreading and persistence of Shiga-toxin producing *E. coli* during beef processing. The long-term goal is assisting the beef industry to find an effective strategy to eliminate the prevalence of Shiga-toxin producing *E. coli* in meat products.



Yuan Fang completed her Bachelor of Science in Food Science with distinction in the University of Manitoba in 2013. During her undergraduate study, she participated in two meat microbiology projects in the Meat Microbiology lab in the University of Manitoba and have one paper published. Those research experiences made her interested in applied microbiology, and eager to learn more related to the area. She decided to pursue her Masters at the University of Alberta in 2014, and then transferred to the Ph.D. program in 2016 based on a passion to research. In 2017, she presented her research work at the international Conference held by American Society for Microbiology.

*Winner of the 2017 CMC Associates Graduate Scholarship.*