



# CENTRE FOR PUBLIC HEALTH AND ZOOONOSES

## 2017 SCIENTIFIC SYMPOSIUM POSTER LIST

### ***Streptococcus suis* serotypes and antimicrobial resistance in pigs**

Emily Arndt, *University of Guelph - Department of Population Medicine*

### **A protocol for a systematic literature review: Comparing the impact of seasonal and meteorological parameters on acute respiratory infections in Indigenous and non-Indigenous peoples**

Katherine Bishop-Williams, *University of Guelph - Department of Population Medicine*

### **Antimicrobial use in Ontario swine production**

Angie Bosman, *University of Guelph - Department of Population Medicine & Public Health Agency of Canada*

### **Skin cancer and UVR exposure among sexual minorities: A systematic review**

Shannon Brown, *University of Guelph - Department of Population Medicine*

### **Summary of passive tick surveillance data in Wellington County, Dufferin County & the City of Guelph; 2015-2016**

Mike Coburn, *Wellington-Dufferin-Guelph Public Health*

### **Designing Inuit-led health & environment monitoring using participatory software design methods**

Oliver Cook, *University of Guelph - School of Computer Science*

### **Extended-spectrum cephalosporin resistance in *Escherichia coli* from Alberta beef cattle**

Ashley Cormier, *University of Guelph - Department of Pathobiology*

### **Identifying environmental drivers of *Campylobacter* infection risk in Ontario, Canada using a One Health approach**

Melanie Cousins, *University of Guelph - Department of Population Medicine*

### **Resilience and Reconciliation: A pilot project in collaborative podcasting to support inclusive and equitable dialogue on water management in Canada**

Lindsay Day, *University of Guelph - Department of Population Medicine*

### **Prevalence of four vector-borne pathogens in Canadian dogs, 2007-2016**

Michelle Evason, *University of Guelph - Department of Pathobiology*

### **Influence of host factors and seasonality on *Baylisascaris procyonis* infections in raccoons in Ontario**

Shannon French, *University of Guelph - Department of Pathobiology*

### **Canadian National Dairy Study: Prevalence of *Salmonella Dublin* in Bulk Tank Milk**

Talia Glickman, *University of Guelph - Department of Population Medicine*

### **Developing a mathematical model to investigate *Mannheimia haemolytica* and Bovine Respiratory Disease**

Michael Griffiths, *University of Guelph - School of Computer Science*

### **Efficacy of a 30-day duration of Fidaxomicin in patients with recurrent *Clostridium difficile* infection**

Minahz Habib and Owen Krystia, *University of Guelph - Department of Mathematics & Statistics*

### **Factors associated with stress and resilience among Canadian agricultural producers**

Briana Hagen, *University of Guelph - Department of Population Medicine*

### **Ankaa: Mandalas, Art therapy, and Post Traumatic Stress Disorder, a mobile application for Canadian refugees**

Adele Heagle, *University of Guelph - School of Computer Science*

### **Zoonotic parasites in dogs in Iqaluit, Nunavut**

Danielle Julien-Wright, *University of Guelph - Department of Population Medicine*

### **Outcome of fecal microbiota transplantation for recurrent *Clostridium difficile* infection on quality of life**

Peter Kim, Cailin Harris and Augustine Wigle, *University of Guelph - Department of Mathematics & Statistics*

### **Prevalence and geographic distribution of *Echinococcus multilocularis* in wild canids across southern Ontario**

Jonathon Kotwa, *University of Guelph - Department of Pathobiology*

**Evaluation of thin agar layer and overlay methods for the recovery of desiccation-stressed *Listeria monocytogenes* from pistachios, corn flakes and chocolate liquor**

Vivian Ly, *University of Guelph - Department of Food Science*

**Comparing methods for evaluation of annual variation in susceptibility of generic *Escherichia coli* to ceftiofur from retail chicken meat surveillance**

Melissa MacKinnon, *University of Guelph - Department of Population Medicine*

**Cryptosporidium and Giardia in clams in Iqaluit, Nunavut**

Anna Manore, *University of Guelph - Department of Population Medicine*

**Enteric pathogens in surface water in Iqaluit, Nunavut**

Stephanie Masina, *University of Guelph - Department of Population Medicine*

**How do changes in meteorology, season, and climate impact Inuit mental health in Nunatsiavut?**

Jacqueline Middleton, *University of Guelph - Department of Population Medicine*

**Salmonella seroprevalence on 12 nursery farms in Ontario nursery pigs**

Saranya Nair, *University of Guelph - Department of Population Medicine*

**A study of the seroprevalence of *Borrelia burgdorferi* and *Anaplasma phagocytophilum* in Ontario horses**

Megan Neely, *University of Guelph - Department of Pathobiology*

**An experiment challenge study to investigate the effect of flavophospholipol on *Salmonella* infection in nursery pigs**

Jane Newman, *Department of Population Medicine*

**Bacteriophage engraftment *Clostridium difficile* infection and fecal microbiota transplantation**

Jessmyn Niergarth, *University of Guelph - Department of Mathematics & Statistics*

**Exploring the geographical distribution of cryptosporidiosis in the cattle population of Southern Ontario from 2011-2014**

Andrea Nwosu, *University of Guelph - Department of Population Medicine*

**A semi-quantitative comparative exposure assessment of antimicrobial resistance arising from food-producing animals in Canada**

Courtney Primeau, *University of Guelph - Department of Population Medicine*

**Participatory methods for Inuit public health promotion and program evaluation in Nunatsiavut, Canada**

Manpreet Saini, *University of Guelph - Department of Population Medicine*

**Salmonella shedding and antibody response in pigs at different stages of production**

Corinne Schut, *University of Guelph - Department of Pathobiology*

**Powassan Virus and other Tick-Borne pathogens from wildlife and companion animals in Southern Ontario**

Kathryn Smith, *University of Guelph - Department of Pathobiology*

**Maternal health care access in rural communities in southwestern Uganda: antenatal care attendance and delivery location among Indigenous Batwa and non-Indigenous Bakiga women.**

Vivienne Steele, *University of Guelph - Department of Population Medicine*

**Inuit childbirth in Canada: An exploration of the literature on place, culture, and health**

Laura Jane Weber, *University of Guelph - Department of Population Medicine*

**Household Stored drinking water in Rigolet, Nunatsiavut: Secondary contamination and potential risk factors for acute gastrointestinal illness**

Carlee Wright, *University of Guelph - Department of Population Medicine*

**Eukaryotic and phage viruses present in the commercial mink fecal virome: a metagenomic study**

Wendy Xie, *University of Guelph - Department of Pathobiology*

**Antimicrobial resistance to extended-spectrum cephalosporins in *Enterobacteriaceae* from chickens and pigs in Ontario, Canada**

Pauline Zhang, *University of Guelph - Department of Pathobiology*

Visit the posters in the concourse of Rozanski Hall!