

**SUMMER CORE PROGRAM POSTER PRESENTATIONS - THURSDAY Aug. 16, 2018  
CREELMAN HALL, 10:00 AM – 12:00 PM**

#	Last Name	First Name	Department	Advisor	Project Title
1	Roati	Valeria	Pathobiology	Wood	Tumor Suppressor Gene Copy Number Loss in Horse Lymphomas
2	Burns	Jamie	Population Medicine	Chenier	Annexin V: A possible role in the development of endometrial degenerative fibrosis in the mare?
3	Bellin	Ashley	Biomedical Sciences	Vickaryous	Cardiac self-repair and regeneration in the leopard gecko ( <i>Eublepharis macularius</i> )
4	McGaffey	Marissa	Clinical Studies	zur Linden	Assessment of inherent sterility of 3D printed plastic (SLA) used for customized surgical tools
5	Klafuric	Elaine	Pathobiology	Bridle	Type I interferon-mediated regulation of cytokine production and infection of mast cells by vesicular stomatitis virus
6	Syjueco	Erin	Population Medicine	Coe	A Preliminary Analysis of Shared Decision Making in Veterinarian-Client-Patient Interactions
7	Awosanmi	Zikra	Biomedical Sciences	Hanna	Evaluating the Teaching of RCT Critical Appraisal in the DVM Program
8	Allegrini	Gabriella	Pathobiology	Wood	Retrospective evaluation of the use of thromboelastography as a diagnostic tool in dogs
9	Buchan	Jordan	Population Medicine	Friendship	How neonatal factors affect reproductive performance of swine replacement breeding-stock
10	Jeffery	Alison	Population Medicine	Friendship	Vaccine Storage and Handling on Ontario Swine farms
11	Peter	Elyse	Clinical Studies	Singh	Efficacy of mini-laparoscopic instruments for canine kidney biopsy
12	Lang	Brittany	Pathobiology	Beeler-Marfisi	Effect of Air Quality on the Incidence of Exercise-Induced Pulmonary Hemorrhage in Ontario Thoroughbreds and Standardbreds
13	DeCaluwe-Tulk	Enise	Population Medicine	O'Sullivan	Clinical validation of infrared thermometers (IRT) in periparturient sows
14	Kruth	Madeleine	Pathobiology	Barta	Apicomplexan parasites in periurban wildlife of Southern Ontario, including a novel species
15	Croft	Emily	OMAFRA	Blackwell	Determining the sensitivity and specificity of the PRRS virus IDEXX ELISA on oral fluids collected from growing pigs
16	Chek-Harder	Alessandra	Pathobiology	Jardine & Nemeth	Distribution of <i>Culicoides</i> spp. in Southern Ontario
17	Dobberstein	Rachel	Clinical Studies	Brisson	Video recording of surgical skills examinations as a teaching tool: an opportunity for reduced student stress, improved performance, and self-reflection
18	Calvert	Julie	Pathobiology	Boerlin	Antimicrobial Resistance in Enterobacteriaceae from Canadian Turkey
19	Del Medico	Maura	Population Medicine	McWhirter	Toned and tan: tanning availability and information at Ontario gyms
20	Moore	Kai	Pathobiology	Beeler-Marfisi	Cytologic profile of bronchoalveolar lavage fluid in Ontario horses diagnosed with mild asthma in association with air pollution
21	Duggan	Victoria	Biomedical Sciences	Koch	The Expression of Major Histocompatibility Complex I & II on Equine Mesenchymal Stromal Cells After Differentiation into Chondrocytes
22	Swartz	Sydney	Pathobiology	Bienzle	Optimization of an expanded antibody panel for characterizing canine leukocytes
23	Frie	Jude	Biomedical Sciences	Khokhar	Automated Two-Bottle Choice Test
24	Brown	Tori	Pathobiology	Lumsden	Characterization of a fatal mycosis in captive-reared lined seahorses ( <i>Hippocampus erectus</i> )
25	Nichol	Grace	Population Medicine	Khosa	A mixed methods approach to exploring student veterinarians' perceptions of their own and their pets' nutrition
26	Holtz	Samantha	Pathobiology	Bridle	Combining oncolytic virotherapy with epigenetic modifiers to treat lymphomas
27	St-Denis	Myles	Biomedical Sciences	Bailey	The Expression of Muscarinic Receptor Isoforms and Progesterone Receptors in the Medial Prefrontal Cortex of Mice
28	Thornton	Grace	Pathobiology	Jardine	Assessing the potential exposure of birds and mammals to raccoon roundworm in the environment

29	Smith	Elysha	Pathobiology	Susta	Prevalence of pathogens in small poultry flocks in Ontario, Canada: A retrospective study
30	Tam	Peyton	Population Medicine	Bauman & Kim	Investigating Disbudding in Dairy Goat Kids: Time, Temperature, and Pressure
31	Michel	Cassia	Pathobiology	Barta	Mitogenomics of a novel apicomplexan parasite <i>Eimeria taggarti</i>
32	Anderson	Becky	Pathobiology	Boerlin	Molecular epidemiology of resistance to extended-spectrum cephalosporins in <i>Enterobacteriaceae</i> isolated from animals
33	Belcourt	Marie	Population Medicine	Bauman & Wills	Capturing and comparing the extent of client- and family-centred care received by Canadian patients with Lyme disease
34	Zaman	Afshaun	Pathobiology	Bienzle	Minimal Anesthetic Concentration of Isoflurane and the effect of Midazolam and Nitrous Oxide in the Ball Python ( <i>Python regius</i> )
35	Madden	Mary	Pathobiology	Keller	The Use of Synthetic Template DNA to Quantify Minimal Residual Disease in Canine B cell Lymphoma
36	Rutherford	Ashley-Ann	Clinical Studies	Sanchez	Validating and Accessing Sedation Scores in Felines
37	Luo	Emmy	Population Medicine	O'Sullivan	Clinical validation of infrared thermometry for use in horses
38	Jajou	Sarah	Population Medicine	Niel	Assessing Fear Behaviour in Kittens
39	Moore	Melanie	Pathobiology	Peregrine	Is global warming leading to an increase in disease incidence?
40	MacFadyen	Alyssa	Population Medicine	Bauman	Investigating Mortality in Ontario Goat Kids: Assessing the Role of Colostrum Quality
41	Appleton	Meaghan	Clinical Studies	Fonfara	Can elevated liver parameters predict cardiac outcome?
42	Alvater-Hughes	Tess	Pathobiology	Mallard	The Correlation Between IgG1 Concentrations in the Serum of Beef Cows and Their Neonatal Calves

**SUMMER CORE PROGRAM CLOSING BBQ FOR STUDENTS, ADVISORS AND JUDGES**

**12:00 – 1:00 PM**

**SUMMER CORE PROGRAM POSTER PRESENTATIONS 1:00 – 3:00 PM**

#	Last Name	First Name	Department	Advisor	Project Title
1	Beattie	Katherine	Population Medicine	Kelton	Variation of blood leukocyte differentials in neonatal Holstein calves with normal and abnormal navels
2	Minott	Jessica	Pathobiology	Bridle	Assessing the impact of estrogen on the efficacy of oncolytic viruses
3	Mutlak	Vanessa	Clinical Studies	Hurtig	Characterizing the Cytokine Profile of Macrophages after Administration of Stem Cell Therapy in an Inflammatory Environment
4	Ha	Cindy	Biomedical Sciences	Viloria-Petit	Linking TGFβ1-induced Apoptosis to Epithelial-Mesenchymal Transition (EMT) During Mammary Gland Involution
5	Vancasteren	Alicia	Population Medicine	Coe & Duffield	A study of food-animal veterinarian-producer interactions
6	Becker	Sylvie	Pathobiology	Wood	Pre- vs Post-Amputation Plasma microRNA Expression in Canine Osteosarcoma Patients
7	Westlund	Amy	Clinical Studies	Koenig	Evaluation of the significance of arthropathy of the caudal facet joints in horses
8	Leblanc	Nicole	Biomedical Sciences	Madan	The role of the hippo signalling pathway in bovine mesenchymal stem cell lineage differentiation
9	Murison	Kiera	Population Medicine	Weese	An Investigation of the Outbreaks of H3N2 Canine Influenza Virus in Southern Ontario in 2018
10	Sergejewich	Lauren	Pathobiology	Caswell	Characterizing bronchopneumonia with interstitial pneumonia in feedlot cattle
11	Flynn	Bret	Clinical Studies	Pinard	Evaluation of the sedation effects of oral tramadol, gabapentin, and meloxicam in canine patients
12	Wong	Mackenzie	Biomedical Sciences	Viloria Petit	Isolation and Characterization of Extracellular Vesicles in Canine Osteosarcoma Patients
13	Drinkwater	Emily	Population Medicine	Best & Bitten-Jones	Mental health of veterinarians: A literature review of mental health in healthcare professionals and support programs
14	Botts	Michaela	Pathobiology	Lillie	Seasonal effect of Equine Herpesvirus-1 shedding in Ontario broodmares

15	Tiessen	Angela	Clinical Studies	Arroyo	Molecular prevalence of <i>Neorickettsia risticii</i> in aquatic invertebrates in Ontario
16	Madsen	Virginia	Pathobiology	Keller	Correlating clinical and pathological findings in inflammatory CNS diseases
17	Tschritter	Dana	Population Medicine	Pearl & Trotz - Williams	Identifying High and Low Risk Clusters for Bacterial Contamination of Private Wells in the Wellington-Dufferin-Guelph Region
18	Woodhouse	Hanna	Population Medicine	Kelton	A cow level comparison of milk free fatty acids among milking systems
19	Young	Cameron	Biomedical Sciences	Koch	Mechanosensitive gene expression in native and MSC derived Equine cartilage
20	Richardson	Evan	Biomedical Sciences	Koch	
21	Muntwyler	Noah	Population Medicine	Weese	Assessing the Prevalence of ESBL-Producing Bacteria in Horses Undergoing Elective Arthroscopy and Colic Surgery at the OVC Large Animal Hospital
22	Kai Kai	Matthew	Pathobiology	Susta	Optimization of the reverse genetics platform for rescue of recombinant aquatic bird bornavirus-1 (ABBV-1) virions
23	Su	Yu Ning	Population Medicine	Physick-Sheard	The Prognosis for Sustained Sinus Rhythm After Transvenous Electrical Cardioversion of Atrial Fibrillation in Horses
24	Inkol	Jordon	Biomedical Sciences	Mutsaers	Copper trafficking, a novel target for chemosensitization to platinum therapy in osteosarcoma
25	Finer	Rachel	Pathobiology	Jardine	Assessing the changing risk for tick borne pathogens in 1000 Islands National Park
26	Fuller	Bailey	Pathobiology	Lillie & Farzan	Salmonella serotypes in pigs at various production stages
27	Kennedy	Timothy	Population Medicine	Kelton	Understanding the association between hock & knee injuries and lameness in dairy cattle

### **MASTER OF BIOMEDICAL SCIENCES POSTER PRESENTATIONS**

#	Last Name	First Name	Advisor	Project Title
28	Sharma	Chetna	Bartlewski & Saleh	Measurements of circulating progesterone (P4) and estrone sulfate (E1S) concentrations as a diagnostic and prognostic tool in porcine pregnancy revisited
29	Del Castillo	Stacey	Petrik	Expression of Follicular and Angiogenic Proteins in Bovine Cystic Ovarian Disease
30	Neal	Tiffany	King	DHEA treatment prior to Controlled Ovarian Stimulation for IVF in Women with Diminished Ovarian Reserve
31	Steinberg	Samantha	Pyle	Micromanaging Heart Failure: Identification of Serum Biomarkers of Heart Failure in a Naturally Occurring Model of Dilated Cardiomyopathy in Doberman Pinschers
32	Joshua	Jessica	Martino	Monitoring Nighttime Light and Sound Levels in Veterinary Care Settings to Benefit Animal Health and Welfare
33	Chong	Cynthia	Madan	Understanding Endoplasmic Reticulum and Mitochondrial Distribution Patterns During Bovine Oocyte Maturation In Vitro
34	Stuart	Deirdre	LaMarre	Expression and localization of the microRNA processor Drosha in the maturing bovine oocyte
35	Macdonald	Rachel	Viloria-Petit	The use of polyacrylamide hydrogels to evaluate the impact of extracellular matrix stiffness on tumorigenic properties of canine osteosarcoma cells
36	Hummel	Roxanne	Mutsaers	Targeting the PI3K/mTOR pathway in combination with chemotherapy in canine osteosarcoma
37	Kajendrakumar	Viola	Bartlewski	How Effective are Combined Oral Contraceptives towards Pregnancy Prevention?
38	Laskowski	Isabella	Jadeski & Thomason	Comparative morphology of the mammalian shoulder