

TWENTY FIFTH ANNUAL GRADUATE STUDIES & RESEARCH DAYS
LECTURE THEATRE "A"
ATLANTIC VETERINARY COLLEGE
THURSDAY AND FRIDAY, MAY 18 AND 19, 2017

DAY 1, THURSDAY, MAY 18

9:00 a.m.	Opening Ceremonies and R. G. Thomson Lecture Welcome from the UPEI School of Graduate Studies – Dr. Larry Hammell, Interim Dean Welcome from the Atlantic Veterinary College – Dr. Greg Keefe, Dean, AVC Greetings from the University – Alaa Abd-El-Aziz, President, UPEI Greetings from the Province – Honorable Sonny Gallant, Minister of Workforce and Advanced Learning Introduction of Dr. Anthony Blikslager, Dr. Wendy Duckett, Department of Health Management
9:20 a.m.	R. G. Thomson Lecture “Gut Pain and Repair: How Can Both be Treated at Once?” Dr. Anthony Blikslager, DVM, PhD, Professor and Service Chief Equine Medicine & Surgery, Associate Director Comparative Medicine Institute, College of Veterinary Medicine North Carolina State University

10:30-10:45 Refreshments

Program

Session One - Department of Biomedical Sciences		Moderator – Logan MacIntyre
TIME	TITLE	SPEAKER
10:45-11:00	Assessment of Cognitive Function and Associated Bio-Markers in a Novel Progressive Model of Parkinson's Disease	Logan Bigelow
11:00-11:15	Assessing the efficaciousness of lidocaine used as an analgesic on rainbow trout	Fred Chatigny
11:15-11:30	Ecologically relevant co-cultures of marine fungi as sources of novel antimicrobial cryptic natural products	Logan MacIntyre
11:30-11:45	Naphthenic Acids Are Oxidative Uncouplers	Kate Rundle
11:45-12:00	Effects of low dose neonicotinoid pesticides on CNS function in the rat	Maria Soriani
12:00-1:00 <i>Lunch, AVC Learning Commons</i>		
Session Two - Department of Health Management		Moderator – Kate Rundle
1:00-1:15	Clinical findings, diagnosis and outcome of horses presented for colic at a referral hospital in Atlantic Canada (2000 to 2015)	Jaclyn Kaufman
1:15-1:30	Variability of Bovine Leukemia Virus Bulk Tank Milk Antibody Levels over Different Sample Collection Intervals	Emily John
1:30-1:45	Observational study on the occurrence of surgical glove perforation and associated risk factors in large animal surgery	Nora Biermann
1:45-2:00	Risk Factors for Musculoskeletal Injuries in Standardbred Racehorses in Prince Edward Island	Jamye Rouette
2:00-2:15	Extended-spectrum cephalosporin resistance in <i>Escherichia coli</i> isolates from retail meats from the Maritime Provinces	Babafela Awosile

2:15-2:30	The Epidemiology of Ulcer Disease in Atlantic salmon <i>Salmo salar</i> in Atlantic Canada	Brett MacKinnon
2:30-2:45	Prospective, randomized trial of four different pre-surgical hand antiseptic techniques in equine surgery	Nora Biermann
2:45-3:00	<i>Refreshments</i>	
3:00-3:15	Antimicrobial use and resistance in poultry: comparison of Canadian, Dutch, and South Korean regulatory systems and enforcement	Sunoh Che
3:15-3:30	Prevalence of hock injuries and their associated risk factors on Maritime dairy farms	Megan Jewell
3:30-3:45	Obesity is associated with increased asthma prevalence and asthma related health service use, in a population based study of Nova Scotia children	Teri McComber
3:45-4:00	Agreement between the Precision Xtra® meter and the standard laboratory test for measuring blood β -hydroxybutyrate concentration in late gestation ewes	Niorn Ratanapob
4:00-4:15	Using a particle tracking model's output for connectivity/network analysis of salmon farms in the Broughton Archipelago	Danielle Burnett

DAY 2 FRIDAY, MAY 19

Session Three - Department of Companion Animals		Moderator – Sissy Hong
9:15-9:30	Single cycle load-to-failure and constant frequency sinusoidal cyclic loading in four-point bending on two distinct 2.0mm Cortical Pearl Systems: A preliminary study	Philip Hyndman
9:30-9:45	Hydrocephalus	Sissy Hsuan-Ping Hong
Session Four - Department of Pathology and Microbiology		Moderator – Alyson Brown
9:45-10:00	Whole-genome Sequencing Analysis of Antimicrobial Resistance Genes in <i>Streptococcus uberis</i> and <i>Streptococcus dysgalactiae</i> isolates from Canadian Maritime Dairy Herds	Julian Reyes (postdoctoral)
10:00-10:15	Prostaglandin Receptor Expression in Feline Oral Squamous Cell Carcinoma	Nicole Kaiser
10:15-10:30	Vaccine-Induced protection Against Bacterial Infections in Arctic Charr (<i>Salvelinus alpinus</i>)	Alyson Brown
10:30	<i>Refreshments</i>	
10:45-11:00	<i>Streptococcus uberis</i> and <i>Streptococcus dysgalactiae</i> isolates virulence factors in Canadian dairy herds	Julian Reyes
11:00-11:15	A smorgasbord of <i>Borrelia</i> : The genetic diversity of the Lyme-causing bacteria <i>Borrelia burgdorferi</i> in New Brunswick	Kami Harris
11:15-11:30	Assessing Microscopic Area and Sample Volume of Equine Bronchoalveolar Lavage Fluid	Kim Foote
11:30-11:45	Multilocus sequence typing from <i>Streptococcus uberis</i> whole genome sequences (Preliminary results)	Julian Reyes
11:45-12:45	<i>Lunch, AVC Learning Commons</i>	

Awards		
12:45	2016 G. Murray and Hazel Hagerman Scholarships OGS Award of Distinction Graduate Student Zoetis Award Dr. Ian Dohoo Award John & Carol MacLeod Award Dr. E. Errol Hancock Scholarship Dr. Douglas W. Ehresmann Memorial Award Dr. Ray Long Travel Award Dr. Basil Ikede Award in Diagnostic Veterinary Sciences George and Margaret Peake Scholarships Graduate Student Presentation Awards Post-doc Presentation Award Closing Remarks, Dr. Spencer Greenwood, Interim Coordinator, Graduate Studies	AVC Learning Commons