

**GRADUATE STUDIES CONFERENCE
AVC LECTURE THEATRE A
WEDNESDAY, THURSDAY AND FRIDAY, MAY 16, 17, 18, 2018**

DAY 1, WEDNESDAY, MAY 16

9:00 a.m.	Opening Ceremonies and R. G. Thomson Lecture Welcome from the UPEI Faculty of Graduate Studies – Dr. Larry Hammell, Interim Dean Greetings from the University – Dr. Robert Gilmour, Vice President Research & Academic, UPEI Message from the Province Introduction of Dr. George Gitau, R. G. Thomson
9:20 a.m.	R. G. Thomson Lecture “The Kenyan Dairy Sector: the dynamics and opportunities for collaborative global research” Dr. George Gitau, Professor Clinical Studies, University of Nairobi

10:15-10:45 *Refreshments AVC Learning Commons*

Program

Session One – AVC (Bovine)		Moderator –
TIME	TITLE	SPEAKER
10:45-11:00	Risk Factors Associated with Bovine Leukemia Virus Infection in Dairy Herds in Atlantic Canada	E. E. John
11:00-11:15	Evaluation of Screening Protocols for Bovine Viral Diarrhea Virus in Maritime Dairy Herds	T. Olney
11:15-11:30	Current situation and control of <i>Rhipicephalus microplus</i> and tick fever in Uruguay	C. Miraballes
11:30-11:45	Antimicrobial-based dry cow therapy approaches for prevention and cure of intramammary infections: a systematic review and meta-analysis	M. Afifi
11:45-12:00	Relationships between type of hoof lesion and behavioural signs of lameness in Holstein cows housed in tie-stall facilities	M. Jewell
12:00-1:00 <i>Lunch - AVC Learning Commons</i>		
Session Two – AVC (Equine)		Moderator –
1:00-1:15	Effect of Microscopic Area on Differential Cell Counts in Evaluation of Equine Bronchoalveolar Lavage Fluid	K. Foote
1:15-1:30	Epidemiological study of musculoskeletal injuries in Standardbred Racehorses on PEI	J. Rouette
1:30-1:45	Usefulness of Digital and Optical Refractometers for the Diagnosis of Failure of Transfer of Passive Immunity in Neonatal Foals	I. Elsohaby
1:45-2:00	Methicillin-resistant <i>Staphylococcus aureus</i> isolated from equine patients at a veterinary teaching hospital in Atlantic Canada	N. M. Biermann
2:00-2:15	Investigation into demographic factors affecting farm owner awareness of the Code of Practice for the Care and Handling of Equines in Prince Edward Island	L. McMillan
2:15-2:45	<i>Refreshments - AVC Learning Commons</i>	
Session Three – Science		Moderator -
2:45 – 3:00	Establishing the test retest reliability of contralateral auditory suppression of Transiently evoked otoacoustic emissions	P. Gunasena

	(CASTEOAE)	
3:00 – 3:15	Discovery of New Antimicrobial Natural Products from a Marine Bacterial Library	V. Ptycia-Lamky
3:15 – 3:30	Discovery of a new Polyketide via co-treatment with suberoylanilide hydroxamic acid (SAHA) and salt in the fungus <i>Asteromyces cruciatus</i>	H. Igboeli
3:30 – 3:45	Bio-Protectant Discovery for Potato Pathogens	J. Vacon
3:45 – 4:00	Discovery of New Microbial Natural Products Using a Modified Co-Culture Strategy	L. Liang
4:00 – 4:15	A Growth Chamber For The Discovery Of New Natural Products Using Bacteria Encapsulation In Agarose Microbeads	T. Alkayyali

DAY 2 THURSDAY, MAY 17

Session Four, AVC (Companion Animals / Infectious)		Moderator –
8:30-8:45	Use of a superficial temporal axial pattern flap followed by diode laser therapy to reconstruct a nasocutaneous fistula in an 11-year-old mixed breed dog	L. O'Shaughnessy Hunter
8:45-9:00	Comparison of Propofol and Alfaxalone Anesthesia for Evaluation of Laryngeal Function in Healthy Dogs	Po-Ching (Lydia) Pan
9:00-9:15	Prostaglandin Receptor Expression in Feline Oral Squamous Cell Carcinoma	N. Kaiser
9:15-9:30	Inflammation and hypoxia-related mechanisms in feline oral squamous cell carcinoma (OSCC): potential therapeutic alternatives to COX-2 inhibitors	W. Nasry
9:30-9:45	Serologic and urinary survey of leptospirosis in the feral cat population of Prince Edward Island	E. Bourassi
9:45-10:00	<i>Crenosoma</i> sp. Case in a Black Bear cub (<i>Ursus americanus</i>)	H. Mahjoub
10:00 – 10:30 <i>Refreshments - AVC Learning Commons</i>		
Session Five, AVC (Bovine); MAIS and Science		Moderator -
10:30-10:45	Factors Associated with Milk Yield in Dairy Cattle on Smallholder Farms in Kenya	J. Muraya
10:45-11:00	Animal and Management Factors Associated with Weight Gain in Dairy Calves/Heifers on Smallholder Dairy Farms in Kenya	D. Makau
11:00-11:15	Factors Associated with Lying Time of Cows and Stall Cleanliness in Smallholder Dairy Farms in Kenya	E. Kathambi
11:15-11:30	Factors Associated with Cow Leg Hygiene on Smallholder Dairy Farms in Kenya	P. Kimeli
11:30-11:45	Looming health crisis on small islands: The nexus between ecosystem health and human health – A case study of the Island of Dominica	S. Webster-Stahel
11:45-12:15	Science Keynote Speaker: Dr. Marianne Rodgers, Scientific Director at the Wind Energy Institute of Canada	
12:15-1:15	<i>Lunch - AVC Learning Commons</i>	
Session Six – Science; AVC (Fish) and Education		
1:15-1:30	A Characterization of the evolutionary rates of sex-biased genes in salmon lice (<i>Lepeophtheirus salmonis</i>)	D. Michaud
1:30-1:45	Applying Neural Networks to Predict Atomic Energies in Molecules: Leveraging Data for More Efficient Calculations	M. Larade
1:45–2:00	Determining the role of Cellular Senescence in skeletal muscle	L.V. Young

	regeneration	
2:00-2:15	Development of Drug Eluting Bio-piercing Scaffolds Using 3D Bio-printing	E. Naseri
2:15-2:30	Hydrothermal Carbonization of High Moisture Containing Biomass	A. Shrestha
2:30-2:45	Building a Library of Natural Products Towards the Development of Novel Food Dyes	A. Quilty
2:45-3:00	<i>Refreshments - AVC Learning Commons</i>	
3:00-3:15	Assessing transmission patterns of sea lice among salmon farms	M. Parent
3:15-3:30	The Impacts of Vaccination on Short- and Long-term Immunity in Arctic charr Against Furunculosis	A.B.J. Brown
3:30-3:45	Using kernel density estimation in a coupled biological-physical model of sea lice dispersal to quantify connectivity among salmon farms	D. Burnett
3:45-4:00	Identification of virus-host receptors for Atlantic salmon Bafinivirus, a Coronavirus of fish	A. Mckibbin
4:00-4:15	Photovoice Captures the voices of Pioneers in Aging	O. Bryanton
4:15-4:30	The Voices of High School Students with Learning Disabilities: Focusing on Challenges, Barriers, and Supports.	L. Liu
4:30-6:30	<i>Reception: Pizza and Refreshment AVC Learning Commons–Sponsored by UPEI Deans</i>	

DAY 3 Friday, MAY 18

TIME	TITLE	
9:00-9:45	2018 Zoetis Award for Research Excellence Lecture: One Fish, One Health	F. Kibenge
Session Seven – AVC(Natural Products/Plant Viruses) and MBA Moderator -		
9:45-10:00	Stimulation of silent natural product biosynthesis using surface-active molecules in marine Streptomyces	Z. Maw
10:00-10:15	Microbial isolation and natural product discovery from marine sponges using a modified iChip device	L. MacIntyre
10:15-10:30	A next-generation sequencing approach for the simultaneous detection of plant viruses for the purpose of quarantine testing	D. Hammill
10:45-11:00	Team Performance and Reducing Risk: Adding Prospective Hindsight Punctuation (PHP) to the Project Manager’s Toolkit	A. Dickinson
11:00-11:15	Refreshments - AVC Learning Commons	
Session Eight – Nursing		
11:15-11:30	A Description of Hepatitis C Infection on Prince Edward Island	S. Burns MacKinnon
11:30-11:45	Knowledge of Hepatitis C in People Who Inject Drugs	C. Drummond
11:45-12:00	Nurse Practitioner-Led School Based Health Centre with a Mental Health Focus	S. O’Connell
12:00-12:15	Serving Unaffiliated Individuals Living with Substance Related and Addictive Disorders: A Primary Health Care Nurse Practitioner Led Initiative	B. Martin
12:15-12:30	Primary Prevention of Cardiovascular Disease on PEI: An Nurse Practitioner Led Initiative	E. Christie
12:30	AWARDS AND RECEPTION	