

BIOD98/99 Presentations

Session 1: Behaviour, Ecology, Evolution, and Physiology I

April 4, 2017. 9:30AM-12:15PM (concurrent with session 2)

Room: AA 204; Moderator: Ivana Stehlik

1-1 9:30-9:45	Garland Xie (Maclvor/Cadotte)	Functional and Phylogenetic Structure of Urban Wild Bee Communities
1-2 9:45-10:00	Kishon Thaveswaran (Mason)	The Functional Significance of the Metatarsal Lyriform Organ for Prey Capture Behaviours in the Western Black Widow Spider (<i>L. hesperus</i>)
1-3 10:00-10:15	Henil Patel (Maclvor/Cadotte)	Community Level Interaction Between Plants and their Environment
1-4 10:15-10:30	Tooba Shah (Welch)	A Search for Signals of Nectarivory in Avian Glucose Transporter 2
1-5 10:30-10:45	Menilek Beyene (Maclvor/Cadotte)	Phylogenetic Diversity's Effects on Plant Communities' Stormwater Retention in Extensive Green Roof Ecosystems
10:45-11:00	COFFEE BREAK	
1-6 11:00-11:15	Julian Medeiros (Maclvor/Cadotte)	Comparative Morphology of Stylopized and Non-Stylopized <i>Isodontia mexicana</i> by <i>Paraxenos smithii</i> (Strepsiptera)
1-7 11:15-11:30	Siddharth Patel (J. Brown)	Effects of Exogenous H ₂ O ₂ on Leaf and Chlorophyll Senescence in Flax
1-8 11:30-11:45	Parsa Abbasi (Maclvor/Cadotte)	Does a Stress Gradient or Disturbance Create a Taxonomic or Phylogenetic Diversity Pattern?
1-9 11:45-12:00	Cassandra Rawlings (Mandrak)	Phenotypic Variation Related to Habitat in Round Goby <i>Neogobius melanostomus</i>
1-10 12:00-12:15	Arsalan Ahmad (Lovejoy)	Population Genetics of North American Freshwater Silver Chubs (<i>Macrhybopsis storeriana</i>) Using DNA Barcoding
12:15-1:15	LUNCH BREAK	

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Session 2: Biochemistry, Cell & Molecular Biology, and Genetics I

April 4, 2017. 9:30AM-12:00PM (concurrent with session 1)

Room: AA 205; Moderator: Aarshi Ashok

2-1 9:30-9:45	Meenal Kalra (Vanlerberghe)	Impact of Combined Drought and Heat Stress on Transgenic Tobacco with Altered Mitochondrial Function
2-2 9:45-10:00	Iris Tu (Zhao)	Tissue Specific Expression of HSP90C and HSP90.7 in <i>Arabidopsis thaliana</i>
2-3 10:00-10:15	Ahmed El Banbawy (Vanlerberghe)	Effects Of High Co2 And Drought On Growth Of Transgenic Tobacco With Altered Mitochondrial Function
2-4 10:15-10:30	Shaista Anwer (Zhao)	Analyzing Tissue Specific Expression of AT4G24730 Gene in <i>A. thaliana</i>
2-5 10:30-10:45	Deka Mohamed (Gazzarrini)	Investigating the Role of XERICO in Stomatal Development
10:45-11:00	COFFEE BREAK	
2-6 11:00-11:15	Therese Francom (Riggs)	Identification of the Causative Lesion in an <i>Arabidopsis</i> Developmental Form Mutant
2-7 11:15-11:30	Phumeena Balasubermanian (Gazzarrini)	Characterizing the Role of SnRK1 During Abiotic Stress in <i>Arabidopsis thaliana</i>
2-8 11:30-11:45	Tasneem Ezzy (Pearson/Hasenkampf)	Factors Affecting Replication-Mediated Instability of Disease Associated Repeats
2-9 11:45-12:00	Saad Muhammad (Riggs)	Interaction Between Plant Development Regulators and the Phytohormone Auxin
12:00-1:15	LUNCH BREAK	

BIOD98/99 Presentations

Session 3: Behaviour, Ecology, Evolution, and Physiology II

April 4, 2017. 1:15PM-4:00PM (concurrent with session 4)

Room: AA 204; Moderator: Ivana Stehlik

3-1 1:15-1:30	Zheng Lin Dong (Fulthorpe)	Isolation of AITC Deactivating Organisms
3-2 1:30-1:45	Adriano Roberto (MacIvor/Cadotte)	Impact of Invasive Dog-Strangling Vine on Urban Plant-Pollinator Networks
3-3 1:45-2:00	Vicky Nguyen (MacIvor/Cadotte)	Wild Pollinator Visitation Across an Invasion Gradient
3-4 2:00-2:15	Avesh Chadee (Mason)	Hypoxia-Induced Variations in Fighting Tactics of Male <i>Acheta domesticus</i>
3-5 2:15-2:30	Caroline Mitchell (MacIvor/Cadotte)	The Effect of Dog-Strangling Vine Invasion on Bee Diversity and Abundance
2:30-2:45	COFFEE BREAK	
3-6 2:45-3:00	Anika Nawar (MacIvor/Cadotte)	Cavity-nesting bees, wasps and their parasites in three Southern Ontario habitats
3-7 3:00-3:15	Laini Taylor (Andrade)	Correlates of Reproductive Fitness in the Mate-Guarding Jumping Spider
3-8 3:15-3:30	Meera Premnazeer (MacIvor/Cadotte)	Effects of Disturbance and Fertilization of a Plant Community on Herbivory and Disease
3-9 3:30-3:45	Brandon Au (Richards)	Reconciling Novel Experiences with Long-Term Memory Patterns
3-10 3:45-4:00	Pratyasha Agrawal (MacIvor/Cadotte)	The Effect of Dominant Species Removal on the Level of Nitrogen, Carbon, and Phosphorus
4:00	PIZZA IN BIOLOGICAL SCIENCES BALCONY PRESENTATION OF BioBURP AWARDS	

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Session 4: Biochemistry, Cell & Molecular Biology, and Genetics II

April 4, 2017. 1:15PM-4:00PM (concurrent with session 3)

Room: AA 205; Moderator: Aarthi Ashok

4-1 1:15-1:30	Shruti Patel (L. & R. Silverman/Erb)	Phasic and Tonic Presynaptic Differentiation: Protein- Protein Interaction Differences in Ocular Junctions
4-2 1:30-1:45	Melina Tsagaris (Seth/Treanor)	miRNA-652 Induces the Activation of Beta- catenin in LNCaP Prostate Cancer Cells
4-3 1:45-2:00	Anwar Hooda (L. & R. Silverman/Erb)	Phasic and Tonic Presynaptic Differentiation: A Bioinformatics Approach
4-4 2:00-2:15	Justice Igweze (Treanor)	The Role of Galectin-9 in B-cell Function During HIV Infection
4-5 2:15-2:30	Alisha Bhimani (L. & R. Silverman/Erb)	Understanding Phasic and Tonic Differentiation using Protein-Protein Interaction in the Central Nervous System via a Bioinformatics Approach
2:30-2:45	COFFEE BREAK	
4-6 2:45-3:00	Ming Cao (Treanor)	The Role of Actin Cortex in Anergic B-cell
4-7 3:00-3:15	Joanna Sandoval (Terebiznik)	Identification of Cellular Receptors of <i>Legionella</i> Collagen-like Protein
4-8 3:15-3:30	Steven Szep (Treanor)	Galectin-9 mediated regulation of BCR signalling in HIV infection
4-9 3:30-3:45	Lucienne Nouchikian (Terebiznik/Kerman)	Characterizing Needle Proteins in <i>Salmonella</i>
4:00	PIZZA IN BIOLOGICAL SCIENCES BALCONY PRESENTATION OF BioBURP AWARDS	