

**Poster Session Title: Ecology & Evolution****Room: Alumni Hall****Saturday March 18: 2:30 – 4:00 pm**

Last Name	First Name	Institution	Title
AL-Ani	Homam	Algoma	DO OVENBIRDS ( <i>SEIURUS AUROCAPILLA</i> ) COUNTERSING USING FLIGHT SONGS AT NIGHT?
Andrew	Derek	Western	INFLUENCE OF BUTTERFLY COLOUR ON FOREST/MEADOW EDGE RESPONSES
Barbeau	Leon	Algoma	VARIATION IN INCUBATION DURATION BETWEEN SEXES AND TYPES OF NEST DISTURBANCE IN GREAT LAKES PIPING PLOVERS
Dhabhar	Humin	Laurentian	MORPHOLOGICAL AND PHYTOCHEMICAL STUDIES OF <i>Plantago major</i> L. POPULATIONS FROM GREATER SUDBURY AREA, CANADA
Fera	Brendan	Algoma	DYNAMICS OF HERRING GULL PREDATION ON CHIMNEY SWIFTS AT A MIGRATORY ROOST
Galang	Kathryn	Western	IDENTIFYING OLFACTORY RECEPTORS REQUIRED FOR QUEEN MANDIBULAR PHEROMONE INDUCED FERTILITY REDUCTION IN <i>DROSOPHILA MELANOGASTER</i>
Garcia-Bonilla	Jose	Western	ACETYLCHOLINESTERASE GENE AS RNAi TARGET IN THE TWO-SPOTTED SPIDER MITE ( <i>Tetranychus urticae</i> )
Garnett	Lauren	Trent	THE ROLE OF THE GUT MICROBIOME ON METABOLIC FUNCTION IN WILD <i>PEROMYSCUS</i> MICE
Grzesik	Emilia	Guelph	EFFECTS OF WETLAND SUCCESSION ALONG LAKE MARGINS ON CARBON STORAGE IN INTERIOR ALASKA
Hodgson	Leah	Algoma	THE INFLUENCE OF CON- AND HETERO-SPECIFIC SONG ON DAWN CHORUS START TIMES IN TEMPERATE SONGBIRD COMMUNITIES
Kadwa	Farheen	UTM	THE USE OF NATURAL MARKINGS IN WHITE TAILED DEER FOR INDIVIDUAL PHOTO IDENTIFICATION
Nadon	Sarah	Algoma	DOES THE BROWN CREEPER ( <i>CERTHIA AMERICANA</i> ) SING A DAWN CHORUS?
Pullambra	Reshma	Algoma	QUEST FOR A BIO-INSECTICIDE FROM AN ENDOPHYTIC FUNGI HOSTED BY <i>Azadirachta indica</i>
Schang	Kyle	Laurier	PHENOTYPIC EXTREMES OR EXTREME PHENOTYPES? A TEST OF ASSUMPTIONS REGARDING PHENOCOPYING IN <i>Drosophila melanogaster</i>
Snape	Kyle	Algoma	A NOVEL METHOD TO QUANTIFY ROOT LESIONS CAUSED BY SOIL BIOTA
Vincentini	Derissa	Algoma	EFFECTS OF SOIL MOISTURE AND TREE SPECIES ASSEMBLY ON MYCORRHIZAL COLONIZATION OF <i>ACER SACCHARUM</i>

**Poster Session Title: Molecular & Cellular Biology****Room: Alumni Hall****Saturday March 18: 2:30 – 4:00 pm**

Last Name	First Name	Institution	Title
Aliar	Kazeera	Ryerson	EFFECTS OF DNA-DAMAGING DRUG CPT IN PRESENCE OF ENVIRONMENTAL STRESSES IN FISSION YEAST CHECKPOINT MUTANTS
Caron	Christine	Algoma	CHARACTERIZATION OF A MUTANT HYBRID POPLAR ( <i>Populus</i> spp.) WITH AN ABNORMAL BARK PHENOTYPE
Cheung	Kyle	Ryerson	ASSESSING DNA DAMAGE IN SCHIZOSACCHAROMYCES POMBE AFTER EXPOSURE TO ENVIRONMENTAL STRESS AND HYDROXYUREA
Gene	Mathew	Western	CHARACTERIZATION OF THE ANTIOXIDANTS OF THE ANTARCTIC ALGA <i>Chlamydomonas</i> sp. UWO241
Kozlov	Alexandra	Western	SOLE FUEL SOURCE SELECTION STRATEGY TO ENHANCE PLURIPOTENCY
Laski	Jeremi	Western	PROINFLAMMATORY CYTOKINES AS INDUCERS OF ABERRANT WILMS TUMOR 1 EXPRESSION IN DUPUYTREN'S DISEASE
Lee	Ian	Western	DEVELOPMENT OF A THYLAKOID LUMEN VECTOR FOR RECOMBINANT PROTEIN ACCUMULATION IN NICOTIANA BENTHAMIANA VIA SEC AND TAT IMPORT PATHWAYS
Marple	Amanda	Ryerson	CHARACTERIZATION AND PROPAGATION OF ANTIBIOTIC RESISTANT PLASMIDS IN WASTEWATER TREATMENT BACTERIAL ISOLATES
Sanchez	Samantha	Ryerson	THE ROLE OF AUTOPHAGY IN FISSION YEAST CELL CYCLE CHECKPOINTS

Sullivan	Caitlin	Western	INVESTIGATING THE EFFECTS OF ATRX INACTIVATION ON THE EXPRESSION AND FUNCTION OF THE NEUROLIGIN-4 AUTISM GENE IN CULTURED NEURONS
Ward	Devin	Brock	ENDOGENOUSLY TAGGING THE RAB11 GENE WITH CRY2 TO CONTROL RAB11 FUNCTION IN <i>DROSOPHILA MELANOGASTER</i>
Welch	Sarah	Western	HONEY BEE ORTHOLOGS IN <i>D. MELANOGASTER</i> INFLUENCING A QUEEN-LIKE PHENOTYPE
Wong	Jeremy	Western	ENHANCER-ASSOCIATED EPIGENETIC REGULATION OF IL-1 $\beta$ IN MURINE MACROPHAGES (RAW 246.7) AND HUMAN MONOCYTIC CELL LINE (THP-1)
Yan	Tianyi	Western	ANALYSIS OF <i>DROSOPHILA</i> ( <i>Drosophila melanogaster</i> ) NEUROLIGIN 3 PROTEIN LEVELS IN MUTANT LINES USING WESTERN BLOTTING
Zelaya	Sofia	Ryerson	REGULATION OF INTEGRIN SIGNALING BY AMP-ACTIVATED PROTEIN KINASE (AMPK)

**Poster Session Title: Human Health****Room: Alumni Hall****Saturday March 18: 2:30 – 4:00 pm**

Last Name	First Name	Institution	Title
Choudhary	Farah	Ryerson	OPTIMIZATION OF AN ASSAY FOR THE POLYSIALYLATION OF NEURONAL PROGENITOR CELLS
Daley	Caitlyn	Nipissing	METFORMIN FAILS TO RESCUE SOD1-NULL PHENOTYPES BUT REDUCES ADULT BODY WEIGHT IN <i>Drosophila melanogaster</i>
Deol	Gurkamal	Western	DETECTING PROSTATE CANCER USING TUMOR-ACTIVATABLE MINICIRCLES ENCODING THE SECRETABLE BIOMARKER SEAP
Ermolina	Sofya	Brock	OPTOGENETIC MODEL OF HUNTINGTON'S DISEASE IN <i>DROSOPHILA</i>
Hilton	Lindsay	Western	TEMPORAL CHARACTERIZATION OF GENES INVOLVED IN F9 CELL DIFFERENTIATION
Iazzi	Melissa	Ryerson	OUTCOMES OF PATIENTS DIAGNOSED WITH MALIGNANT PLEURAL MESOTHELIOMA (MPM) IN ONTARIO, CANADA
Lo	Gordon	Western	ODOUR DISCRIMINATION AND MEMORY IN DOGS ( <i>Canis familiaris</i> )
Mark	Alison	Ryerson	OPTIMIZING THE ENZYMIC SYNTHESIS OF POLYSIALIC ACID ON THERAPEUTIC PROTEINS
Mattice	Alannah	Western	GENETIC INTERACTION ANALYSIS OF SITE-DIRECTED MUTANTS OF THE <i>SCHIZOSACCHAROMYCES POMBE TSC1</i> GENE
Murphy-Szusz	Julia	Laurier	COMPARING CHIRAL CATALYSTS: CHARACTERIZING EPOXIDE HYDROLASE REGIO- AND ENANTIOSELECTIVITY
Sabesan	Piraveena	Ryerson	EVALUATION OF CYTOKINE PRODUCTION IN HOST CELLS INFECTED WITH BILE SALT TREATED ENTEROHEMORRHAGIC <i>ESCHERICHIA COLI</i>
Schulz	Jenna	Western	THE EFFECT OF SODIUM NITROGLYERIN ON CEREBROVASCULAR CONTROL
Thompson	Nicole	Ryerson	OPTIMIZATION OF MUCIN TYPE O-GLYCAN CHAIN SYNTHESIS ON THERAPEUTIC PROTEIN TARGETS
Yusuf	Farhan	Ryerson	THE DETERMINATION OF TIGECYCLINE RESISTANCE IN WASTEWATER TREATMENT PLANTS