

**University of Guelph presents Ontario Biology Day 2008  
Seminar Presentations - Science Complex**

**Saturday Sessions:**

<b>Session #1 Saturday 1:15-3:15 Room: SCIE 1511</b>				
1:15	LeBlanc	Zacharie	University of Guelph	A functional genetics approach to characterizing the <i>Arabidopsis</i> AtIDD1 gene
1:30	McGregor	Caroline	University of Guelph	Fluorescence resonance energy transfer investigations of the interactions between carboxysomal shell proteins of <i>Thermosynechococcus elongatus</i> BP-1
1:45	Miao	Qianqian Doreen	University of Guelph	Characterization of enzymes WbpK and WbpV from <i>Pseudomonas aeruginosa</i> serotypes O5 and O6
2:00	Keithlin	Kelly	University of Guelph	Characterization of nephrin signaling pathways in the kidney: investigating the role of ShcA at the kidney slit
2:15	Leslie	Matthew	University of Guelph	Cloning and expression of rpfA, rpfB and rpfE from <i>Mycobacterium avium</i> subspecies paratuberculosis
2:30	Styles	Erin	University of Guelph	Analysis of vitis cbf transcription factors for differences in transactivation capabilities and salt stress tolerance
2:45	Patel	Shruti	University of Guelph	Expression of the histidine-tagged human cytochrome P450 1A2 in <i>Escherichia coli</i>
3:00	Kirischian	Nina	McMaster University	Development of a multi-parameter program to detect and locate promoter regions in a DNA sequence

<b>Session #2 Saturday 1:15-3:15 Room: SCIE 1504</b>				
1:15	King	Amber	University of Guelph	Conserved non-coding elements as a nuclear candidate for DNA barcoding and phylogeny estimation in fishes
1:30	Bertrand	Claudia	University of Guelph	DNA barcoding for land plants: Testing COI, Matk and trnH/psbA for a universal multi-marker
1:45	Jardine	Catherine	University of Guelph	Estimations of genome size in the phylum porifera
2:00	Tuziak	Sarah	University of Guelph	The characterization and expression of the ornithine decarboxylase (ODC) gene and antizymes in salmonids
2:15	Meias	Marisa	McMaster University	The effect of blood cell tnF-alpha on the progression of sandhoff disease in mouse models
2:30	Zou	Shicong	University of Western Ontario	Characterization of potassium channel Kcnj10 and its role in ethanol preference determination: expression and SNP analyses in C57BL/6J and DBA/2J mice
2:45	De Souza	Rebecca	McMaster University	The identification of IR33, a novel regulator of sister chromatid cohesion and separation in <i>Drosophila melanogaster</i>
3:00	Ashick-Stinson	Chloe	Laurentian University	The effect of chronic exposure to particulate air pollution on the leukocyte community of the NOD mouse lung

<b>Session #3 Saturday 1:15-3:15 Room: SCIE 2315</b>				
1:15	Wood	Janet	Laurentian University	Blanding's turtle ( <i>Emydoidea blandingii</i> ) movements and habitat selection in an urban landscape
1:30	Brevik	Leah	McMaster University	Insular Malay civet ( <i>Viverra zibethica</i> ) population dynamics: the effects of reduced interspecific competition
1:45	Hurley	Tim	McMaster University	A survey of muskellunge nursery habitat: The implications of water level decline
2:00	Kenny	Michelle	McMaster University	Change in spring arrival of neotropical and short-distance migrant birds at Ruthven National Historic Park (1999-2007)
2:15	Wyszynski	Emily	Laurentian University	Assessing Population Demography of Eastern White Cedar ( <i>Thuja occidentalis</i> ) in the Greater Sudbury region
2:30	Winegardner	Amanda	University of Guelph	The role of local and regional processes in the community structure of sub arctic rock pools
2:45	Allen	Andrea	University of Guelph	How do zooplankton species perceive the dispersal limitations of a landscape?
3:00	Larocque	Sarah	University of Guelph	Infestation and juvenile production rates with 'natural' and 'artificial' propagations of the endangered kidneyshell mussel ( <i>Ptychobranchus fasciolaris</i> )

<b>Session #4 Saturday 1:15-3:15 Room: SCIE 3317</b>				
1:15	Hyland	Melissa	University of Guelph	Obstacle circumvention strategies used during late-visual cueing in middle childhood aged children
1:30	Leone	Danielle	University of Guelph	The interaction of visual and vestibular sensory input: which is dominant in locomotion?
1:45	Jiang	Jenny	University of Western Ontario	EEG patterns of adult patients with cortical dysplasia
2:00	Kentner	Jeffrey	McMaster University	HER-2 cancer vaccine through recombinant Hepatitis B virus-like particles
2:15	Racine	Danielle	Laurentian University	Application de la methode de polymerase en chaine pour le typage des PVH16 et 18 (amplification des oncogenes E6
2:30	Nguyen	Trinh	University of Windsor	Detecting the viral penetrability of used condoms
2:45	Garrido	Denise	Laurentian University	Identification of cell surface biomarker associated with the acquisition of drug resistance in MCF-7 breast tumour cells
3:00	Craig	Ryan	University of Windsor	The nature of the Spy1/Nedd4 interaction

**3:15-3:40 Please join us in the Atrium for refreshments and draw prizes!**

<b>Session #5 Saturday 3:45-5:45 Room: SCIE 1511</b>				
3:45	Gauthier	Nicole	Laurentian University	High resolution 2D gel analysis to determine actin isoform specificity of the B1 antibody
4:00	Yebio	Bethale	Laurentian University	Antimicrobial activity of co-incorporation gentamicin and gallium into liposomes
4:15	Balogun	Elizabeth	University of Guelph	Investigating the role of Syntaxin 4 in MMP trafficking
4:30	Vance	David	University of Guelph	Vid24p, a component of the Vid30 complex, participates in the regulation of the tyrosine permease Tat1p in <i>Saccharomyces cerevisiae</i>
4:50	Manase	Cristina	University of Guelph	The impact of microRNA on animal development and its potential use for human therapy
5:10	Hathaway	Amy	University of Guelph	Hyperthermia induced apoptosis
5:30	Williamson	Samantha	University of Guelph	Regulation of myogenesis and its potential implications for muscle regeneration.
5:50	Joshi	Shikha	University of Guelph	Determination of genes involved in porcine skeletal muscle contraction

<b>Session #6 Saturday 3:45-5:45 Room: SCIE 1504</b>				
3:45	MacIvor	James	University of Guelph	Dietary influence on pre-mating behaviour and mate choice in large milkweed bugs ( <i>Oncopeltus fasciatus</i> )
4:00	Thompson	Sarah	University of Guelph	Effects of chronic exposure to varying ammonia concentrations on growth, total protein and nitrogenous waste excretion in rainbow trout ( <i>Oncorhynchus mykiss</i> ) embryos
4:15	Turko	Andy	University of Guelph	Differences in air emersion behaviour between individuals of clonal mangrove killifish, <i>Kryptolebias marmoratus</i>
4:30	Elliott	Amy	University of Western Ontario	The effects of freeze-thaw cycle amplitude on release of soluble of soil nitrogen
4:45	Miller	Ashley	University of Guelph	Incorporation of exogenous ammonia into amino acids in Nile tilapia ( <i>Oreochromis niloticus</i> ) on high and low protein
5:00	Sashaw	Jessica	University of Guelph	The effect of chronic ammonia exposure on ammonia excretion in rainbow trout ( <i>Oncorhynchus mykiss</i> ) embryos
5:15	Prévost	Micale	Laurentian University	Reproductive life history variation in Great Lakes naturalized rainbow trout populations
5:30	Alam	Farhana	McMaster University	Standardization of vitellogenin biomarker assay for estrogen exposed to male, round goby fish
5:45	De Catanzaro	Rachel	McMaster University	The impact of anthropogenic disturbance on aquatic turtle assemblages of Great Lakes coastal marshes
6:00	Delaney	Kristen	University of Western Ontario	Potential for changes in CO2 efflux from organic deposits in a temperate swamp under changing climatic conditions



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**Draw prizes donated by:**  
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**Session #7 Saturday 3:45-5:45 Room: SCIE 2315**

3:45	Kokokyi	Seint	McMaster University	Deciphering the diversity-stability puzzle
4:00	Ross	Brent	Laurentian University	Effects of climate variation on structural and community components for galls of <i>Diplolepis ignota</i> (Hymenoptera:)
4:15	Patel	Reena	McMaster University	Maintenance of shell coiling dimorphism in snail populations: twisting by the gene pool
4:30	Dibal	Comfort	Trent University	The influence of food quality on the susceptibility of the crustacean <i>Daphnia magna</i> to infection by the bacterium
4:45	Akelaitis	Mark	Laurentian University	Comparison of component communities associated with galls of <i>diplolepis spinosa</i> (hymenoptera: cynipidae) in distant parts of its range
5:00	Hubert & Vandermare	Stephanie, Erin	Laurentian University	Small mammal diversity in revegetated VETAC stands of different ages in the city of greater Sudbury
5:15	Qureshi	Samir	University of Windsor	Detection of invasive species when rare: Are we chasing an exotic goose?
5:30	Standeven	Kyla	Laurentian University	Sex-based divergence in mercury bioaccumulation by northern fishes

**Session #8 Saturday 3:45-5:45 Room: SCIE 3317**

3:45	Mroz	Caillin	McMaster University	Assessment of left ventricular hypertrophy in transgenic rat growth hormone mice
4:00	Gervais	Elise	Laurentian University	Cytoskeletal perturbations in Bpag1-deficient skeletal muscle
4:15	Olamo	Tor	University of Western Ontario	Effects of stanniocalcin in the nucleus of the solitary tract on arterial pressure
4:30	Ladhani	Sadia	University of Western Ontario	Role of farnesyl transferases in chondrocyte differentiation
4:45	Ruzzini	Antonio	Trent University	Studies of the cell cycle in an unusual waterborne parasite, <i>Giardia lamblia</i>
5:00	Whalen	Dan	Laurentian University	A green technology for the production of biofuels
5:15	Eastwood	Michael	University of Western Ontario	Molecular and genetic analysis of <i>Schizosaccharomyces pombe smh1</i>
5:30	Diakun	Eva	McMaster University	The role of RpoS in the regulation of Hydroperoxidase I in <i>Escherichia coli</i>
5:45	Castillo	Sarrah	Laurentian University	Emerging infectious diseases (EIDs) in leopard frogs ( <i>Rana pipiens</i> ) in relation to a watershed system
6:00	Laurin & Shaw	Cory, Mitchell	Laurentian University	Comparison of macroinvertebrate community structure in naturally recovered lakes versus experimentally neutralized lakes in the Sudbury area

**Sunday Sessions:**

**Session #9 Sunday 9:00-12:00 Room: SCIE 1511**

9:00	Jamal	Alisha	University of Western Ontario	Micronuclear RNA may regulate post-conjugation macronuclear anlage development in the ciliated protozoan <i>Chilodonella uncinata</i>
9:15	Krumholtz	Stacey	University of Western Ontario	Analysis of variation in the insertion allele class of Mads-affecting Flowering 2 locus in <i>Arabidopsis thaliana</i>
9:30	Carnevale	Jasmyne	University of Windsor	The novel cell cycle regulator, Spy1 regulates lactogenesis
9:45	Jasra	Sakshi	University of Windsor	The role of cortisol and dexamethasone in breast cancer initiation
10:00	Makaji	Emilija	McMaster University	Effect of maternal exposure to herbal preparation – Red Raspberry leaf on the drug metabolizing capacity of the
10:15	Turgeon	Zachari	University of Guelph	Discovery and characterization of putative ADP-ribosyltransferase toxins as targets for 1-8-naphthalimide, a potential broad-spectrum toxin inhibitor
10:30	Daniell	Shane	University of Guelph	Molecular characterization of the B-band LPS biosynthesis cluster of <i>Pseudomonas aeruginosa O1</i>
10:45	Yu	Darrick	University of Guelph	Genes involved in the synthesis of core oligosaccharides in <i>Pseudomonas aeruginosa</i>
11:00	Nash	Brady	University of Guelph	The role of callose and callose synthase in <i>Nicotiana benthamiana</i> during susceptible and resistant responses to
11:15	Homer	Brad	University of Guelph	Investigating initiation of the trans-acting PTGS pathway in plants
11:30	Abu Saleh	Ola	University of Guelph	Changes in GAPDH localization and it's association with PABPN1 in Oculopharyngeal Muscular Dystrophy

**Session #10 Sunday 9:00-12:00 Room: SCIE 1504**

9:00	MacKlaim	Megan (Jean)	University of Western Ontario	Resequencing the LMF1 gene from genomic DNA of patients with severe hypertriglyceridemia
9:15	Naik	Hetanshi	McMaster University	Delineating the extent of deletions and a potential mechanism in 3q interstitial deletions
9:30	Chan	Olivia	McMaster University	Alterations in tight junction proteins of genital and intestinal epithelial cells by HIV-1 and HIV-1 proteins
9:45	Li	Fong-Sue	Laurentian University	Liposomal alpha-lipoic acid: physicochemical characterizations
10:00	Peltsch	Heather	Laurentian University	Immunoprecipitation of B1 protein from malignant and non-malignant breast and ovarian cells
10:15	McGrath	Kelly	Laurentian University	PH-dependent expression of phosphatase activity in mycobacteria
10:30	Armstrong	Zachary	University of Western Ontario	Subcellular localization of <i>Arabidopsis thaliana</i> ADT-GFP fusion proteins
10:45	Shapiro	Noah	University of Western Ontario	Detecting single nucleotide polymorphisms (SNPs) for use in population genetics studies of butterflies
11:00	Mahmood	Tanya	University of Windsor	Role of the spindle assembly checkpoint in <i>Drosophila</i> meiosis
11:15	Deroo	Scott	University of Western Ontario	Characterization of the HUA2-RPR domain
11:30	MacMillan	Heath	University of Western Ontario	The effects of rapid cold-hardening on free glucose and phospholipid head group ratios of <i>Drosophila melanogaster</i>

**Session #11 Sunday 9:00-12:00 Room: SCIE 2315**

9:00	Bustos	Claudia	University of Windsor	Acoustic characteristics of the vocalizations of mantled howler monkeys ( <i>Alouatta palliata</i> ) in the fragmented low-land forests of Honduras
9:15	Green	Ellen	University of Windsor	Spatial and temporal variation in burrowing mayfly nymphs (Ephemeroptera: <i>Hexagenia limbata</i> and <i>H. rigida</i> ) recolonizing the western basin of Lake Erie
9:30	Kasurak	Ashley	University of Windsor	Sensitivity of the round goby ( <i>Neogobius melanostomus</i> ) to ultraviolet reflectance
9:45	Yavno	Stan	University of Windsor	Visual and chemical signaling in the round goby, <i>Apolonia melanostoma</i>
10:00	Gooderham	Krista	McMaster University	Invasive changes to an invasive species (morphological abnormalities in the brain, fin, and external genitalia of the round goby in hamilton harbour)
10:15	Taves	Matthew	McMaster University	Dominance establishment elevates male and female androgens in a highly social cichlid fish
10:30	Turrin	Natalie	University of Western Ontario	Interactive effects of warming and nitrogen addition on plant senescence in a temperate old field
10:45	Smyth	Eric	McMaster University	Factors that govern pumpkinseed distribution in coastal wetlands in the Great Lakes
11:00	Monette	Nicole	Laurentian University	The effects of waterlogging on fine root morphology, production and turnover rate of a wetland grass, <i>Calamagrostis canadensis</i> (Michx.) Beauv. in the fall season
11:15	Prince	Neil	University of Guelph	The effect of a veterinary antibiotic on plant rhizobia growth and interaction
11:30	Maslikowska	Julia	University of Guelph	Morphological differentiation of three endangered inner Bay of Fundy Atlantic salmon ( <i>Salmo salar L.</i> ) populations
11:45	Miron	Corey	University of Western Ontario	Recovery of swim performance after exhaustive exercise in juvenile rainbow trout ( <i>Oncorhynchus mykiss</i> )

**Session #12 Sunday 9:00-12:00 Room: SCIE 3317**

9:00	Osmun	Anneka	University of Windsor	Comparison of male and female territorial behaviour in the rufous-and-white wren ( <i>Thryothorus rufalbus</i> )
9:15	Hennin	Holly	University of Windsor	Differences in vocal behaviour between paired versus bachelor Rufous-and-white wrens ( <i>Thryothorus rufalbus</i> )
9:30	Tennenhouse	Erica	University of Western Ontario	Song rate and complexity in song sparrows: do good singers flaunt what they've got or sit on their laurels?
9:45	Santala	Kierann	Laurentian University	Influence of heavy metal stress on plant water relations in <i>Betula papyrifera</i>
10:00	Filion	Helene	Laurentian University	Habitat selection of re-introduced elk ( <i>Cervus elaphus</i> ) in the Burwash/French river area
10:15	King	Christine	McMaster University	DNA barcoding meets metagenomics: investigating the paleoecology of eastern <i>Beringia</i> using permafrost cores
10:30	Wright	Michael	Wilfrid Laurier University	<i>Cuscuta salina</i> (Salt marsh dodder; Convolvulaceae): a phenetic analysis of morphological variation
10:45	Abdellah	Melissa	University of Windsor	The evolution of female ornamentation in birds
11:00	Alexiu	Michelle	University of Western Ontario	Biodiversity and production of a tallgrass prairie along a 1000-year chronosequence.
11:15	Marshall	Caroline	Wilfrid Laurier University	Using root-organ cultures to study the development of mycorrhizae

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Poster Presentations - Atrium of Science Complex

**Poster Session #1 Saturday 1:15-3:15**

Location	Last Name	First Name	University	Title
1	Jun	Youngmin	University of Guelph	Expression and characterization of human cardiac actin variant M305L
2	Johnstone	Daniel	University of Guelph	Demonstrating the uses of the photoconvertible fluorescent protein EosFP in live plant cell imaging
3	Stecjuk	Ashley	University of Guelph	Analysis of the interaction of <i>Zea mays</i> Indeterminate 1 and Argonaute 4
4	Naaum	Amanda	University of Guelph	Characterization of glycosylation of beta-1 integrin in a breast cancer model
5	Pufall	Erica	University of Guelph	Dog Zhangfei as a potential model for neurodegenerative diseases: polyglutamine tract expansion causes differential subcellular localisation and disrupts protein interactions
6	Douglas	Stuart	University of Guelph	The functional analysis of human recruiting/repression factor (LRF) and human/LZIP using a knockout C57BL mouse model.
7	Kita	Elizabeth	University of Guelph	Mutations in Cdc7p enhance the heritability of chromatin state in sub-telomeric regions
8	Walsh	Scott	University of Guelph	Investigation of human activation and the related unfolded protein response in pancreatic beta cell Lines subjected to glucose stress
9	Stepanowicz	Justin	University of Guelph	Random mutagenesis of the endoglucanase CenA, to lower its pH optimum
10	Subedi	Sanjeena	University of Guelph	Ultra structural characterization of amyloplasts using 14-3-3 proteins
11	Marchand	Kimberly	University of Guelph	Identification and characterization of a gene involved in microspore embryogenesis in <i>Brassica napus</i>
12	De Avila	Miguel	University of Guelph	Effects of deimination of myelin basic protein on the exposure of immunodominant epitopes in multiple sclerosis
13	Kadlubowska	Dorota	University of Guelph	siRNA knockdown of alpha-catenin protein expression in human colorectal cancer cell lines and induction of alpha-catenin expression in cells with a premature termination codon
14	Gerges	Noha	University of Guelph	Reprogramming the chitinase and cathepsin expression profile of <i>Autographa californica</i> multiple nucleopolyhedrovirus (AcMNPV)
15	Rodriguez	Adrian	University of Guelph	Expression and purification of wildtype Type IV Antifreeze protein from the longhorn sculpin ( <i>Myoxocephalus octodecemspinosus</i> )
16	Gardham	Bryan	University of Guelph	Redox modulation alters activity of starch metabolism enzymes in Glycine max.
17	Bufalino	Mary Rose	Wilfrid Laurier University	In vitro growth comparisons between neural cell lines derived from goldfish and crayfish
18	Clemow	Scott	Wilfrid Laurier University	The establishment of two critical techniques to study pea nodulation
19	Dhiyebi	Hadi	Wilfrid Laurier University	Why does ethanol protect against ammonia toxicity in rainbow trout but not the goldfish?
20	Mancini	Amanda	Wilfrid Laurier University	Gill accumulation and toxicity in five species of fish in soft water.
21	Hanna	Jillian	Wilfrid Laurier University	Evaluating the potential use of PIT tag technology to study brown trout, <i>Salmo trutta L.</i> , movements & overwinter survival in the Grand River.
22	Lippa	Natalie	University of Guelph	The analysis of the components of quorum sensing system 2 in <i>Mannheimia haemolytica</i> A1

**Poster Session #2 Saturday 3:45-5:45**

Location	Last Name	First Name	University	Title
1	Cudmore	Caitlin	University of Guelph	Expression and purification of type I antifreeze protein.
2	Shanmuganathan	Sangitha	University of Guelph	Respiratory infection of chickens with Marek's disease cell-free virus, RB1B
3	Kwan	Julian	University of Guelph	Cofilin and cell death
4	Cruceanu	Cristiana	University of Guelph	The role of dlx genes in regulating cell proliferation.
5	Gross	Jeff	University of Guelph	Does <i>Pokey</i> have an effect on the transcription of rDNA in <i>Daphnia obtusa</i> ?
6	Zimmer	Zoey	University of Guelph	The analysis of SNAP23-protein interactions in mammalian cells
7	Niewiadomski	Stella	University of Guelph	Exploring the subcellular localization of the triple gene block protein 3 of grapevine Rupestris stem pitting-associated virus
8	Jacob	Greg	University of Guelph	Formylation independent initiation of protein synthesis in pseudomonas aeruginosa and echerichia coli
9	Radford	Devon	University of Guelph	Genome-wide analysis of transposon mediated expression in <i>Arabidopsis thaliana</i>
10	Fell	Victoria	University of Guelph	The effect of Dlx proteins on the transcription of the Collagen Type II promoter and enhancer
11	Elliott	Tyler	University of Guelph	Devising a test of the protective hypothesis of non-coding DNA
12	Brown	Graham	McMaster University	Embryonic expression of unique and homologous transcription factors in c. elegans suggests a conserved evolutionary history
13	Bundalovic-Torma	Cedoljub	McMaster University	A model of horizontal gene transfer during the early evolution of cells
14	Kolozsi	Edith	McMaster University	Neuroigin and neuexin mRNA involvement in autism
15	Loo	Tenneille	McMaster University	Investigating the post-translational modifications of apolipoprotein B in SR-BI <sup>-/-</sup> mice
16	Bourgaize	Shannon	McMaster University	An in vitro model of skeletal muscle responses to exercise during human growth
17	Turner	Jimmy	McMaster University	The evolution of leg lifting behaviour and territory marking in mammals
18	Yehia	Adham	McMaster University	The role of telomerase repeat binding factor 1 and phosphorylation in cell cycle regulation
19	Berkers	Tanya	University of Western Ontario	Sequence-based yeast identification

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Poster Presentations - Atrium of Science Complex

Poster Session #3 Sunday 9:00-11:00				
Location	Last Name	First Name	University	Title
1	Charlton	Meaghan	University of Guelph	Gene expression in ram spermatogonial stem cells during postnatal development
2	Gagnon	Sara	University of Guelph	The influence of the V-ATPase 16kDa subunit on regulating cell growth and structure in breast cancer cells grown in three-dimensional cultures
3	Wills	Melanie	University of Guelph	Domains of attraction: mapping protein interactions in a ShcD-mediated neural cell signaling cascade
4	Hortie	Jared	University of Guelph	Optimizing DNA extraction and PCR protocols from mixed environmental samples for parallel pyrosequencing applications of DNA barcoding
5	Tschirhart	Janine	University of Guelph	The expression and purification of putative virulence factors belonging to the poly(ADP-ribosyl)transferase (pADPRT) family
6	Langille	Laura	University of Guelph	The effects of NEM reactivity with transporter ProP on proline uptake in <i>Escherichia coli</i>
7	Sullivan	Ashleigh	University of Guelph	Spatial analysis of regional HIV-1 prevalence in southern India from 2002 to 2005
8	Barnard	Jacqueline	University of Guelph	HSE promoter silencing as a mechanism to sensitize tumor cells to hyperthermia
9	Marini	Andrea	University of Guelph	Using affinity chromatography to investigate protein-protein interactions involved in peptidoglycan synthesis in <i>Pseudomonas aeruginosa</i> .
10	Grant	Chelsea	University of Guelph	Iron response in <i>Mycobacterium avium</i> subspecies <i>avium</i> 104
11	Han	Katherine	University of Guelph	Inducible and constitutive expression of $\beta$ -glucuronidase (GUS) in transgenic <i>Nicotiana benthamiana</i> cell cultures and whole plant tissues
12	Livermois	Alexandra	University of Guelph	Expression and characterization of grape dehydrin
13	Baynton	Scott	University of Guelph	Transcriptional analysis of bone-specific promoters
14	Baldwin	Sarah	University of Guelph	The effect of genome duplication on reproductively isolating characteristics in <i>Chamerion angustifolium</i>
15	Dodds	Holly	University of Guelph	Antimicrobial resistance in small mammals on farms and conservation sites
16	Edmunds	Karen	University of Guelph	A case study of consistency in COSEWIC species designations - mammals
17	Hillis	Sonja	University of Guelph	Tensile mechanics of draw processed hagfish slime threads
18	Iles	David	University of Guelph	Top-down control of invertebrate communities by waterfowl in the prairie pothole region of North America.
19	Lomas	Nichelle	University of Guelph	Use of nuclear 18S ribosomal DNA sequences of gregarines infecting earthworms to help resolve the phylogenetic affinities of <i>Cryptosporidium</i> to other apicomplexan parasites.
20	McClurg	Brian	University of Guelph	Effects of climate change on tri-trophic interactions in temperate grasslands: insights from a simple model
21	Stryker	Lauren	University of Guelph	The effects of increased temperature on nitrogen storage in the central mudminnow ( <i>Umbra limi</i> ), an air breathing teleost
22	Villegas	Sylvia	University of Guelph	Habituation to novel stimuli: do stereotyping mink pay attention?
23	Yagi	Katharine	University of Guelph	The effect of active season length on the growth rate of the spotted turtle, <i>Clemmys guttata</i> , in a southern Ontario population
24	Stosic	Alix	McMaster University	The impact of contaminants on activity and predator avoidance in the round goby