



Results of the 15/10/2005 200510CGD Canada Graduate Scholarships - Doctoral Award

Updated: 12/04/2006

Name Department Institution	Title
ABIDI, Samina R Interdisciplinary Studies Dalhousie University (Nova Scotia) SHEPHERD, Michael A	Development and Assessment of Automatically Generated Evidence-Guided Personalized Patient and Community Health Education Programs for Inflammatory Bowel Disease.
ALLAN, Sarah Surgery University of British Columbia LEVINGS, Megan K	Defining the link between FOXP3 expression and suppressor activity in human CD4+CD25+ T regulatory cells
ARMSTRONG, Laura L Clinical Psychology University of Ottawa MANION, Ian G	Protective Attributes of Youth Engagement in Rural and Urban Suicidality
BALIUNAS, Dalia Public Health Sciences University of Toronto REHM, Juergen T	Estimating smoking-attributable mortality for Canada 2002.
BEDFORD, Jennifer L Human Nutrition University of British Columbia BARR, Susan I	A Prospective Exploration of Associations Among Cognitive Dietary Restraint, Cortisol Excretion, Ovarian Function and Bone Health in Premenopausal Women.
BÉLANGER, Mathieu Epidemiology and Biostatistics McGill University O'LOUGHLIN, Jennifer L	Trajectories of Physical Activity and Tobacco Use Progression in Youth



Name Department Institution	Title
BEREZAN, Dellice J Physiology University of Alberta DAVIDGE, Sandra T	20-Hydroxyeicosatetraenoic Acid (20-HETE) Modulation of Vascular Function in Aging
BOUDREAU, Dominic Neurobiologie Centre de recherche Université Laval-Robert-Giffard (QC) DE KONINCK, Yves	Mécanismes de modulation de l'inhibition dans la moelle épinière
BOUKH-VINER, Tatiana Biology Concordia University (Montreal, Quebec) TITORENKO, Vladimir I	The molecular mechanism of peroxisome fusion
BRUNEAU, Rochelle M Psychiatry University of British Columbia EL-HUSSEINI, Alaa E	Excitatory and Inhibitory Synaptic Imbalance in Neurodevelopmental Disorders
BURMAN, Jonathon L Neurology and Neurosurgery Montreal Neurological Institute MCPHERSON, Peter S	Functional role of aftiphilin as a component of the clathrin machinery in neurons.
BUYS, Timon Pathology and Laboratory Medicine B.C. Cancer Research Centre (Vancouver) LAM, Wan L	Identification of Predictive Drug Response Signatures and Novel Resistance Genes by Whole Genome Profiling of Lung Tumors
CACERES, Lucia Developmental Biology McGill University NILSON, Laura A	Autonomous interaction of Squid with gurken mRNA in the nurse cell nuclei is required for asymmetric grk localization within the Drosophila oocyte



Name Department Institution	Title
<p>CAMATEROS, Pierre Experimental Medicine McGill University RADZIOCH, Danuta</p>	<p>Novel Therapeutic Approach to the Treatment of Allergic Asthma and Genetic Dissection of Susceptibility to Asthma</p>
<p>CAMPBELL, Jonathan E Kinesiology and Health Sciences York University (Toronto, Ontario) RIDDELL, Michael C</p>	<p>The Impact of Exercise-Induced Alterations in Peripheral Tissue Exposure to Glucocorticoids on Insulin Sensitivity and the Development of the Metabolic Syndrome.</p>
<p>CARLETON, R. Nicholas Psychology University of Regina (Saskatchewan) ASMUNDSON, Gordon J</p>	<p>Trauma, Pain, and Fear: Delineating the Mind and Body Associations that Enable Suffering</p>
<p>CARON, Etienne Médecine Université de Montréal PERREAULT, Claude</p>	<p>How STT3A/B proteins can increase the amount of tumoral peptides in the immunopeptidome?</p>
<p>CHAITON, Michael O Public Health Sciences University of Toronto COHEN, Joanna E</p>	<p>The relationship between depression symptoms and smoking among adolescents: a longitudinal analysis.</p>
<p>CHAN, Yin Immunology University of Toronto DOSCH, Hans-Michael</p>	<p>Neuronal Elements in Diabetes Pathoetiology</p>
<p>CHOUINARD, Sarah Physiologie et endocrinologie Université Laval BELANGER, Alain</p>	<p>Role of UGT2B enzymes in the metabolism of androgens and bioactive lipids in the human prostate.</p>



Name Department Institution	Title
CIURA, Sorana Neurology and Neurosurgery The Res. Inst. of the McGill University Health Ctr BOURQUE, Charles W	The role of TRPV1 and TRPV4 in osmosensory transduction
CROUSE, Dan L Geography McGill University ROSS, Nancy A	Socioeconomic and Environmental Determinants of Post-Menopausal Breast Cancer in Montreal
CZESAK, Margaret Cellular and Molecular Medicine University of Ottawa ALBERT, Paul R	Transcriptional Regulation of the 5-HT1A Receptor by Deaf1/NUDR in Mood Disorders
DAIGLE, Nikolas Médecine expérimentale Centre de recherche de L'Hôtel-Dieu de Québec ISENRING, Paul	Régulation du cotransporteur sécrétoire Na-K-Cl par la phosphotransférase nm23.
DAKE, Hillary K Medical Microbiology and Immunology University of Alberta OSTERGAARD, Hanne L	Impact of Glycosylation and Alternative Splicing of CD45 on Thymocyte Development and T cell Signalling
D'AVANZO, Nazzareno University Health Network (Toronto) BACKX, Peter H	The Molecular Basis of Unique Selectivity, Gating, Permeation and Block in HCN4 Channels
DE KONING, A. B. Lawrence Clinical Epidemiology and Biostatistics McMaster University ANAND, Sonia S	Nutrigenetic interactions and their associations with the metabolic syndrome and cardiovascular disease in multiethnic populations



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D'ELIA, Michael A Biochemistry McMaster University BROWN, Eric D	Understanding the unique essentiality of wall teichoic acid in Staphylococcus aureus and its potential as a therapeutic target.
DOBSON, Wendy N Molecular and Medical Genetics University of Toronto GRAY-OWEN, Scott D	The impact of Neisseria gonorrhoeae on HIV-1 replication in CD4+ T cells.
DUNN, Sandra I Nursing University of Ottawa CRAGG, Catherine E	The Relationship between Patient Outcomes, Multidisciplinary Teamwork and Collaborative Practice and Culture of Safety within Tertiary Neonatal Intensive Care Units in Canada
DUPASQUIER, Chantal M Physiology St. Boniface General Hospital Research Centre (Winnipeg) PIERCE, Grant N	Determining the deleterious health effects of consuming trans fatty acids in LDL receptor knockout mice: effects on the immune system, obesity and atherosclerosis.
EL-HELOU, Viviane Physiologie Montreal Heart Institute CALDERONE, Angelo	The role of Neural Stem cells in Scar remodelling following myocardial infarction in rats
ESPINO, Paula M Biochemistry and Medical Genetics University of Manitoba DAVIE, James R	Activation of the Ras-MAPK Signal Transduction Pathway in Human Breast Cancer Cells
FARHANG, Hana K Pathology University of Western Ontario CHAKRABARTI, Subrata	Oxidative Stress and Endothelial Dysfunction in Diabetic Cardiomyopathy



Name Department Institution	Title
FORTIER, Amanda L Human Genetics McGill University TRASLER, Jacquetta M	Effects of hormones and culture conditions used in assisted reproductive technologies on genomic imprinting in the mouse model
FOX, Christopher J Ophthalmology University of British Columbia BARTON, Jason J	Facial Identity and Expression Perception Following Cerebrovascular Infarct.
FRANCO, Christopher Laboratory Medicine & Pathobiology University of Toronto BENDECK, Michelle P	Discoidin domain receptor 1 expression and function in murine atherogenesis.
FULTON, Debra L Genetics Centre for Molecular Medicine & Therapeutics (BC) WASSERMAN, Wyeth W	Computational analysis and modeling of the Myelin Basic Protein (MBP) transcriptional regulatory logic
GOLDWATER-ADLER, Samantha R Clinical Psychology Dalhousie University (Nova Scotia) BRYSON, Susan E	Behavioural and physiological indices of social-emotional engagement in children with autistic spectrum disorder
GOWING, Geneviève M Physiologie et endocrinologie Centre hospitalier de l'Université Laval (Québec) JULIEN, Jean-Pierre	The role of microglia and inflammation in amyotrophic lateral sclerosis
HADJ KARIM KHARRAZI, Hadi Interdisciplinary Studies Dalhousie University (Nova Scotia) SHEPHERD, Michael A	Empowering and educating patients for <i>Behavioral Changes</i> toward their chronic diseases by <i>Highly Interactive Intelligent Systems</i>



Name Department Institution	Title
HUYNH, Cassidy K Biochemistry Hospital for Sick Children (Toronto) GRINSTEIN, Sergio	Control of Phagosomal Maturation by Luminal Acidification
ISABEL, Marilyn Université de Sherbrooke MCDONALD, Patrick P	Contrôle cytoplasmique et nucléaire des complexes IKK chez le neutrophile humain.
JAMES, Carolyn A Psychology York University (Toronto, Ontario) HART, Trevor A	A longitudinal examination of child sexual abuse and motivations for sex as predictors of sexual risk behaviours and poor sexual health outcomes among adolescents in the child welfare system
KAMINSKY, Zachary A Institute of Medical Sciences Centre for Addiction and Mental Health Foundation PETRONIS, Arturas	Application of Epigenomic Profiling in Search of Epimutations in Psychiatric Disease
KOENIG, Jeremy Biochemistry and Molecular Biology Dalhousie University (Nova Scotia) DOOLITTLE, W. F	Metagenomic analysis of integron gene cassettes: diversity and distribution of a mobile gene pool
KOS, Veronica N Microbiology University of Guelph WHITFIELD, Christopher	Structure and function of ABC transporters for bacterial lipopolysaccharide assembly
LALANCETTE-HÉBERT, Mélanie Anatomie et physiologie Université Laval KRIZ, Jasna	Le rôle de microglies/macrophages lors de l'ischémie cérébrale.



Name Department Institution	Title
<p>LAPOINTE, Annie Institut des nutraceutiques et des aliments fonctionnels-IN Université Laval LEMIEUX, Simone</p>	<p>Effets d'une intervention nutritionnelle visant l'augmentation de la consommation de fruits et de légumes sur les variables anthropométriques et métaboliques chez la femme obèse ménopausée</p>
<p>LEFEBVRE, Julie Anatomie et physiologie Centre hospitalier de l'Université Laval (Québec) BORGEAT, Pierre</p>	<p>Rôle des médiateurs lipidiques de l'inflammation (leucotriènes et PAF) sur la migration transendothéliale des neutrophiles</p>
<p>LERNER-ELLIS, Jordan P Human Genetics McGill University ROSENBLATT, David S</p>	<p>Characterization of the gene responsible for the cblC inborn error of vitamin B12 metabolism</p>
<p>LIM, Gareth E Physiology University of Toronto BRUBAKER, Patricia L</p>	<p>The relationship between impaired glucagon-like peptide-1 secretion and insulin resistance</p>
<p>MADORE, Anne-Marie Université du Québec à Chicoutimi LAPRISE, Catherine</p>	<p>Caractérisation phénotypique des macrophages alvéolaires chez des sujets atteints d'asthme allergique.</p>
<p>MALINA, Abba Biochemistry McGill University PELLETIER, Jerry M</p>	<p>The role of eIF4E in cancer development and chemoresistance</p>
<p>MANCINI, Arturo Royal Victoria Hospital (Montreal) DI BATTISTA, Giovanni (John) A</p>	<p>Inflammatory prostaglandin E2 biosynthesis is dependent on site-specific and regulated cyclooxygenase-2 proteolysis</p>



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MARTIN, Loren J Institute of Medical Sciences University of Toronto ORSER, Beverley A	The role of GABA-ARs containing the alpha5 subunit in learning, memory and hippocampal synaptic plasticity
MASON, Caitlin E Epidemiology Queen's University (Kingston, Ontario) KATZMARZYK, Peter T	The Impact of Obesity on Life Expectancy and Chronic Disease in Canada
MCCARTHY, Tanya C Pharmacology Dalhousie University (Nova Scotia) SINAL, Christopher J	The Role of the Novel Adipokine "Chemerin" in the Inflammatory Processes Associated with Atherosclerosis
MCDONALD, Todd G Neurosciences Queen's University (Kingston, Ontario) KAWAJA, Michael D	Proteomic analysis of the hypertensive phenotype in vascular smooth muscle cells before and after the onset of hypertension: Discovering potential pharmacotherapeutic targets.
MCMURTRY, C. Meghan Psychology Dalhousie University (Nova Scotia) MCGRATH, Patrick J	Investigating Reassurance and its Effect on Child Pain and Distress
MEDINA, Abelardo Surgery University of British Columbia GHAHARY, Aziz	The biological role of bone marrow-derived keratinocyte precursors in wound healing
MICHAUD DUMONT, Maude Médecine Université Laval RICHARD, Darren E	La sphingosine-1-phosphate est un puissant inducteur du facteur de transcription HIF-1 chez les cellules endothéliales vasculaires.



Name Department Institution	Title
MOISSE, Kate A Pathology University of Western Ontario STRONG, Michael J	Immunomodulation influences outcome following upper and lower motor neuron injury in mouse models of amyotrophic lateral sclerosis
MOLINEUX, Michael L Neurosciences University of Calgary TURNER, Raymond W	Neuronal mechanisms of information transfer in the mammalian cerebellum.
MONIRUZZAMAN, Akm Health Care and Epidemiology University of British Columbia FITZGERALD, J. Mark	Treatment of latent TB infection: measuring effectiveness among the contacts of TB cases
MULVIHILL, Erin E Biochemistry and Metabolism University of Western Ontario HUFF, Murray W	Regulation of hepatic lipoprotein biogenesis and glucose homeostasis by the flavonoid nobiletin, through activation of insulin signalling cascades
NEAGOE, Paul-Eduard Pharmacologie Université de Montréal SIROIS, Martin G	Contribution de l'hypoxie et de facteurs angiogéniques sur la relâche de médiateurs pro- et anti-inflammatoires
NONOYAMA, Mika L Rehabilitation Sciences University of Toronto BROOKS, Dina	Effect of Oxygen on Quality of Life in transient Exercise Hypoxemia among Patients with COPD
NOSEN, Elizabeth Clinical Psychology University of British Columbia WOODY, Sheila R	Appraisals and responses to craving-related intrusive thoughts: The role of metacognition in smoking cessation difficulty



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OLIGNY LONGPRÉ, Geneviève Biochimie Université de Montréal BOUVIER, Michel	Étude de la dynamique d'interaction des complexes signalétiques impliqués dans l'activation de la voie MAPK par les récepteurs couplés aux protéines G.
OXLADE, Olivia A Medicine McGill University MENZIES, Richard (Dick)	Comparing the cost effectiveness of new tools for the control of tuberculosis among migrants to high-income countries
PALMER, Samantha Neurosciences University of British Columbia MCKEOWN, Martin J	Changes in Effective Connectivity in Parkinson's Disease: Disentangling Compensatory Mechanisms from Effects of Disease
PATCHELL, Benjamin Experimental Medicine University of British Columbia DORSCHIED, Delbert R	The role and characterization of Annexin II in airway epithelial wound repair in normal and asthmatic epithelium.
PENN, Helen E Clinical Psychology York University (Toronto, Ontario) PERRY, Adrienne M	Intensive Behavioural Intervention for children with autism: Variables influencing treatment effectiveness
PEREIRA, Mark P Biochemistry McMaster University BROWN, Eric D	The characterization and validation of ribitol teichoic acid biosynthesis in the Gram positive pathogens Staphylococcus aureus and Streptococcus pneumoniae for antimicrobial drug design.
PETRESCU, Anca S Medical Genetics University of British Columbia MARRA, Marco A	Identification of alternatively spliced isoforms of cis-encoded sense-antisense gene pairs and analysis of their functional relevance in disease



Name Department Institution	Title
<p>PRUSZYNSKI, Jędrzej P Queen's University (Kingston, Ontario) SCOTT, Stephen H</p>	<p>Neural substrates underlying optimal feedback control of the upper limb</p>
<p>RAYMOND, Frederic Anatomie et physiologie Université Laval CORBEIL, Jacques</p>	<p>Interactions hôte-pathogènes lors de la coinfection par le parasite Leishmania et par le virus d'immunodéficience humaine type 1 (VIH-1)</p>
<p>RIVIÈRE, Jean-Baptiste Biologie moléculaire Centre Hosp. de l'Université de Montréal (CHUM) ROULEAU, Guy A</p>	<p>Recherche des facteurs génétiques à l'origine du Syndrome de Tourette dans la population Canadienne-Française.</p>
<p>ROBILLARD, Rébecca Psychologie Université de Montréal CARRIER, Julie</p>	<p>Effets différentiels d'une privation de sommeil et d'une tâche d'interférence auditive sur le contrôle postural en fonction de l'âge</p>
<p>ROBINSON, Vivian A Population Health Program University of Ottawa TUGWELL, Peter S</p>	<p>What works to reduce health disparities? Validating the equity-effectiveness loop framework</p>
<p>RODRIGUE, Amélie Biologie médicale Centre de recherche de L'Hôtel-Dieu de Québec MASSON, Jean-Yves</p>	<p>Rôles de la fonction des paralogues de RAD51 humains dans la recombinaison homologue in vivo, la résistance aux radiations ionisantes et la progression tumorale.</p>
<p>SABATINI, Peter Laboratory Medicine & Pathobiology University of Toronto LANGILLE, Brian L</p>	<p>Adhesion-dependent Polarity Control in Migrating Vascular Smooth Muscle Cells</p>



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<p>SAMSON, Nathalie Physiologie Université de Sherbrooke PRAUD, Jean-Paul</p>	<p>Déglutitions non-nutritives et respiration</p>
<p>SCHIMMELE, Christoph M Sociology University of Victoria (British Columbia) WU, Zheng</p>	<p>Longitudinal Analysis of Workplace Stress on Mental Health Outcomes among Canadian Adults: A Population Health Approach</p>
<p>SCHULTE, Fiona S Public Health Sciences University of Toronto BARRERA, Maria (Maru) E</p>	<p>Weight Abnormalities Among Survivors of Childhood Cancer</p>
<p>SCOTT, Angela L Zoology University of British Columbia RAMER, Matthew S</p>	<p>Antagonism of the p75 Neurotrophin Receptor promotes neurotrophin-mediated neural regeneration and plasticity within the injured spinal cord</p>
<p>SCOTT, Helen M Public Health Sciences University of Toronto CHIPMAN, Mary L</p>	<p>An international analysis of social context and injury risk in youth.</p>
<p>SETIAWAN, Elaine B Neurology and Neurosurgery McGill University LEYTON, Marco</p>	<p>Alcohol induced dopamine release in subjects at varying risk for alcohol dependence</p>
<p>SEXTON, Kathryn A Psychology Concordia University (Montreal, Quebec) DUGAS, Michel J</p>	<p>An Expanded Hierarchical Model of Anxiety: Examining Generalized and Specific Vulnerabilities in Generalized Anxiety Disorder, Panic Disorder, Social Phobia, and Obsessive-Compulsive Disorder.</p>



Name Department Institution	Title
SHADEO, Ashleen Pathology and Laboratory Medicine B.C. Cancer Research Centre (Vancouver) LAM, Wan L	Bilateral Breast Cancer: A Predictive Comprehensive Genomic Landscape Signature for Multiple Primary Occurrences Leading to Novel Molecular Candidates for Therapy
SHARMAN, Zena C Health Care and Epidemiology University of British Columbia OSTRY, Aleck S	The Impact of Healthcare System Reorganization and Regionalization on Working Conditions and Quality of Care among British Columbia's Community Health Workers
SHEARER, Kimberley J Nursing Studies B.C.'s Children's Hospital (Vancouver) WARNOCK, Fay F	Optimizing the Role Nurses Play in Preventing Pediatric Deaths: An Application of Situational Awareness
SHEELER, Nancy L McMaster University NODWELL, Justin R	Mechanistic Analysis of the absA Two-Component Signal Transduction System that Regulates Antibiotic Synthesis in the Bacterium Streptomyces coelicolor.
SHULMAN, Yania Centre for Research in Neurosciences University of Alberta TIBBO, Philip G	The Investigation of the Kynurenine Pathway and Neuroactive Steroids in Recent Onset Psychosis
SINCENNES, Marie-Claude Université de Montréal HOANG, Trang K	Nouveau mécanisme moléculaire de collaboration entre oncogènes: l'exemple de SCL et LMO2
SIROIS, Isabelle Biochimie Hôpital Notre-Dame (Montréal) HEBERT, Marie-Josée	Caractérisation du protéome libéré par les cellules endothéliales apoptotiques



Name Department Institution	Title
SMITH, Jessica D Physiologie et endocrinologie Université Laval CIANFLONE, Katherine M	The effects of exercise training on postprandial Acylation Stimulating Protein sensitivity
STEPHENSON, Anne Health Policy, Management & Evaluation Institute for Clinical Evaluative Sciences-Toronto COREY, Mary L	Health Services and Demographic Predictors of Outcomes in Cystic Fibrosis Patients Living in Ontario.
SZABAT, Marta Genetics University of British Columbia PIRET, James M	Maximizing in vitro differentiation of fluorescently labeled PDX1+ pancreatic progenitors into insulin producing cells.
TING, Lillian S Pharmaceutics University of British Columbia ENSOM, Mary H	Pharmacogenetics of Mycophenolate in Thoracic Transplant Recipients: Role of UDP-Glucuronosyltransferase Genetic Polymorphisms
TONG, Dan Physiology and Pharmacology University of Western Ontario KIDDER, Gerald M	The role of gap junctional intercellular communication in oocyte development
TOUPIN APRIL, Karine Santé publique Université de Montréal FELDMAN, Debbie	Prevalence, changes in utilization over time and factors associated with Complementary and Alternative Health Care (CAHC) in children with juvenile arthritis and children with physical disabilities
VANDERHEYDEN, Laura C Community Health Sciences University of Calgary VERHOEF, Marja J	The portrayal of complementary and alternative medicine for cancer in the print media in Alberta, Canada



Name Department Institution	Title
WARD, Ryan J Laboratory Medicine & Pathobiology Hospital for Sick Children (Toronto) DIRKS, Peter B	Tumour Initiation and Maintenance by Transformed Mouse Neural Stem Cells
WARREN, Benjamin C Health Care and Epidemiology University of British Columbia SPIEGEL, Jerry M	The Impact of International Trade Agreements on Health
WELBOURN, Sarah Biochemistry McGill University PAUSE, Arnim P	Characterization of the role of the Hepatitis C virus NS2/3 protease in viral replication.
WESTMAN, Erin L Microbiology University of Guelph LAM, Joseph S	Structural characterization of WbpD, an N-acetyltransferase required for O-antigen biosynthesis in Pseudomonas aeruginosa PAO1
WHYTE, Sarah J University of Toronto LINGARD, Lorelei A	Translating knowledge to transform practice: a rhetorical analysis of evidence-based messages in the management of hypertension
WIJESEKARA, Nadeeja T Cell Biology Hospital for Sick Children (Toronto) KLIP, Amira	The molecular signals and GLUT4 dynamics regulating contraction-induced gain in surface GLUT4 in skeletal muscle.
WOODS, Anita Physiology and Pharmacology University of Western Ontario BEIER, Frank	The Roles of Actin Dynamics and ROCK Signaling in Chondrocyte Maturation