



Updated: 10/09/2007

Primary Institute: Aboriginal Peoples' Health / Santé des Autochtones

Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
DAVISON, Sara						
University of Alberta	CLARK, Alexander M /	\$52,117		ABH	3 Yr(s)	
Health and wellness in saddle lake first nation: Promoting self care for the prevention and treatment of Diabetes and kidney failure	DAVIS, Caroline E / HARSCH, Dawn M / MAKOKIS, Patricia A	,				
HOLMES, Charles F						
University of Alberta		\$100,000		ABH	1 Yr(s)	
Analysis of cyanobacterial liver toxins in first nations drinking water						
PRONOVOST, Jocelyne						
PLOURDE, Chantal	ALAIN, Marc	\$100,000		ABH	1 Yr(s)	
Université du Québec à Trois-Rivières	71127 III V, IVIAIC		11011	1 11(5)		
Programme d'actions concertées de prévention du suicide, de la toxicOmanie et des abus sexuels chez les jeunes atikamekw						
RICHTER, Andrea						
Hôpital Sainte-Justine (Montréal)	MITCHELL, Grant A	\$130,055		ABH	3 Yr(s)	
Towards understanding north American Indian childhood cirrhosis, an important disease in Quebec aboriginal communities						
SAREEN, Jitender ELIAS, Brenda D						
University of Manitoba	COOK, Catherine L / COX, Brian J / ENNS,	\$238,021		ABH	5 Yr(s)	
From risk factors to culturally-sensitive interventions: A programmatic approach to aboriginal suicide	Murray W / KATZ, Laurence Y / O'NEIL, John D					

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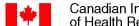


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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
ANDERSON, Nicole D						
Baycrest Centre for Geriatric Care (Toronto) Baycrest Hospital (North York) Memory interventions for older adults	CABEZA, Roberto E / GRADY, Cheryl L / GRAHAM, Simon J / JENNINGS, Janine M	\$116,128		BSB	3 Yr(s)	
BOULIANNE, Gabrielle L						
Hospital for Sick Children (Toronto) Genetic analysis of aging in Drosophila		\$119,629		BCA	5 Yr(s)	
CHAUDHURY, Habib						
Simon Fraser University (Burnaby, B.C.) The role of neighbourhood physical environment and social capital on physical activity of older adults: A comparative analysis in Vancouver, British Columbia and portland, Oregon	HAYES, Michael V / MAHMOOD, Atiya N / MICHAEL, Yvonne L / SARTE, Ann F	\$82,970		SDA	3 Yr(s)	
CHERTKOW, Howard M						
Sir Mortimer B. Davis Jewish General Hospital-Mtl Lady Davis Institute for Medical Research (Mtl) Establishing prognostic subgroups in mild cognitive impairment	DIKSIC, Mirko / KABANI, Noor J	\$114,007		BSB	5 Yr(s)	
CHIPPERFIELD, Judith G						
University of Manitoba Health, well-being, and vitality in very late life: The role of everyday physical activity and personal control	MENEC, Verena H / PAYNE, Barbara J / PERRY, Raymond P / RUTHIG, Joelle C	\$59,695		SDA	4 Yr(s)	

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DI PAOLO-CHENEVERT, Thérèse						
Université Laval		\$100,712		PS	5 Yr(s)	
Centre hospitalier de l'Université Laval (Québec)		+,			(-)	
Estrogenic drugs for neuroprotection and neuromodulation						
DI POLO, Adriana						
Université de Montréal	CASANOVA, Christian F	\$100,000		CIA	1 Yr(s)	
Role of acetylcholinesterase inhibitors for neuroprotection in glaucoma: Molecular mechanisms and therapeutic implications						
FERBEYRE, Gerardo						
Université de Montréal		\$91,821		BCA	4 Yr(s)	
SOCS-1, a novel p53 activator and a senescence regulator						
FERLAND, Guylaine						
Institut universitaire de gériatrie de Montréal	ROCHFORD, Joseph	\$107,413		NUT	3 Yr(s)	
Vitamin K action in brain during growth and aging: Mechanism of action and modulation by diet						
GRADY, Cheryl L						
Baycrest Centre for Geriatric Care (Toronto)	ALAIN, Claude	\$68,268		BCA	5 Yr(s)	
Baycrest Hospital (North York)						
The effect of aging on processing of spatial and nonspatial information in the auditory and visual systems						

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HOLROYD-LEDUC, Jayna M						
University of Calgary Evaluation of a new evidence-based self- management tool for urinary incontinence	ARMSON, Heather A / DAVIS, David A / SCHMALTZ, Heidi N / STRAUS, Sharon E / TANNENBAUM, Cara / THORPE, Kevin E	\$62,927		KTE	2 Yr(s)	
KONTOS, Pia C						
Toronto Rehab Institute Embodied selfhood and person-centred dementia care: Exploring an arts-informed educational intervention	BALLON, Bruce C / COTT, Cheryl A / JAGLAL, Susan B / MCGILTON, Katherine S / MITCHELL, Gail J / POLAND, Blake D	\$94,680		SDA	2 Yr(s)	Pending
LEBEL, Michel						
Université Laval Centre de recherche de L'Hôtel-Dieu de Québec Molecular aging: A mouse molecular model for Werner Syndrome		\$108,448		BCA	5 Yr(s)	
LUPIEN, Sonia J						
Douglas Hospital Research Centre (Verdun, Québec) Genes X stress interactions : Effects on aged human memory	JOOBER, Ridha / POIRIER, Judes	\$83,737		BCA	5 Yr(s)	
ORTEGA, Joaquin						
McMaster University		\$108,544		BMA	5 Yr(s)	
Structural and functional analysis of macromolecular machines involved in the protein quality control system						

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PASTERNAK, Stephen H						
Robarts Research Institute (London, Ont.)	FERGUSON, Stephen S	\$99,248		BCA	3 Yr(s)	
Characterizing the role of the endosomal/ lysosomal system in Alzheimer's Disease						
ROCHON, Elizabeth A BLACK, Sandra E LEONARD, Carol L LEVINE, Brian T	CHOW, Tiffany W / FREEDMAN, Morris / GRAHAM, Naida L /	\$102,368		BCA	5 Yr(s)	
University of Toronto	TANG-WAI, David F					
The language impairment in progressive aphasia: A longitudinal neuropsychological and imaging study						
TODD, Kathryn G						
University of Alberta		\$92,397		BCA	4 Yr(s)	
Investigations of microglial-neuronal signaling: Promoting survival signals						
VERREAULT, René						
AUBIN, Michèle	BEAULIEU, Marie /	\$76,359		PLC	3 Yr(s)	
Université Laval	HADJISTAVROPOULO S, Thomas /					
Évaluation d'un programme de soulagement de la douleur auprès des aînés avec difficultés de communication vivant en milieu de soins de longue durée	S, 1 nomas / KAASALAINEN, Sharon J / LEMAY, Sylvie / SAVOIE, Maryse L / VOYER, Philippe					
WROSCH, Carsten						
Concordia University (Montreal, Quebec)	LUPIEN, Sonia J /	\$75,401		PSB	5 Yr(s)	
Self-regulation on common age-related challenges: Benefits for older adults' psychological and physical health	MILLER, Gregory E / PRUESSNER, Jens C				.,	

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Canada

Results of the 15/09/2006 200609MOP Operating Grant Competition

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ADDISON, Christina L						
Ottawa Health Research Institute		\$100,000		СРТ	1 Yr(s)	
Role of extracellular matrix in resistance to anti-angiogenic therapies		\$100,000			1 11(0)	
ALOYZ, Raquel S						
Sir Mortimer B. Davis Jewish General Hospital-Mtl		\$62,815		PS	2 Yr(s)	
Lady Davis Institute for Medical Research (Mtl)						
mechanisms of dasatinib cytotoxicity and sensitization therapy in chronic lymphocytic leukemia						
BARABÉ, Frédéric						
Université Laval		\$118,813		MCC	5 Yr(s)	
Role and biology of MLL fusion genes in human leukemias						
BARKER, Philip A						
McGill University		\$137,889		CBM	5 Yr(s)	
Identifying signal transduction pathways regulated by the inhibitors of apoptosis proteins (IAPs) and their roles in cancer						
BAZETT-JONES, David P						
Hospital for Sick Children (Toronto)		\$121,384		BMB	5 Yr(s)	
Genetic programming from PML nuclear bodies						

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BELL, John C						
Ottawa Health Research Institute	ATKINS, Harold L	\$110,259		VVP	5 Yr(s)	
Virus: Host interactions during oncolytic virus therapy						
COBB, Jennifer A						
University of Calgary		\$114,037		G	5 Yr(s)	
The recq helicase sgs1 maintains genomic integrity during replication						
DORVAL, Michel						
Université Laval	GODARD, Beatrice /	\$84,861		KTE	3 Yr(s)	
Family communication following BRCA1/2 genetic testing	SIMARD, Jacques R					
FRAPPIER, Lori D						
University of Toronto		\$117,992	Ŧ	VVP	5 Yr(s)	
Mechanisms of viral DNA segregation						
FREYWALD, Andrew						
University of Regina (Saskatchewan)		\$97,045		MCC	3 Yr(s)	
Functions of ephrin proteins in malignant lymphocytes						
GUHA, Abhijit						
Hospital for Sick Children (Toronto)	RAK, Janusz	\$100,000		CBT	1 Yr(s)	
Microenvironment induced molecular heterogeneity in glioblastoma multiforme (GBM)						

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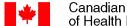


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HAWKINS, Cynthia E						
Hospital for Sick Children (Toronto)		\$87,671		CPT	3 Yr(s)	
Telomerase in paediatric ependymoma - its role as a novel prognostic marker and potential new therapy						
JOHNSTON, Randal N						
University of Calgary		\$75,118		CBT	3 Yr(s)	
Susceptibility and resistance to reoviral oncolysis						
KHOKHA, Rama						
University Health Network (Toronto)		\$151,702		CBT	3 Yr(s)	
Ontario Cancer Institute (Toronto)						
Molecular determinants of osteosarcoma						
KOROPATNICK, James						
University of Western Ontario	BERG, Randal W /	\$114,194		CBT	5 Yr(s)	
London Regional Cancer Program	VINCENT, Mark D					
Antisense downregulation of thymidylate synthase as an anticancer therapy						
KOZLOWSKI, Piotr						
University of British Columbia	CHANG, Silvia D /	\$86,355		MPI	3 Yr(s)	
Combined diffusion and dynamic contrast enhanced MRI for prostate cancer diagnosis	GOLDENBERG, Larry / JONES, Edward C / MAEDLER, Burkhard				- (-)	

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LAI, Raymond K						
Alberta Cancer Board (Edmonton)		\$106,389		CPT	4 Yr(s)	
ALK-expressing anaplastic large cell lymphoma: Pathogenesis and novel therapeutics						
LEE, Ting-Yim						
London Health Sciences Centre Res. Inc. (Ont.)	ADAMS, Paul C / CHAKRABARTI,	\$102,231		MPI	3 Yr(s)	
Lawson Health Research Institute (London, Ontario)	Subrata / YEE, Siu-Pok					
Perfusion and lipid imaging with a liver specific CT contrast agent to detect progression of cirrhosis to hepatocellular carcinoma						
LIU, Fei-Fei						
University Health Network (Toronto)	ALAJEZ, Nehad /	\$73,702		CPT	1 Yr(s)	
Ontario Cancer Institute (Toronto)	BASTIANUTTO, Carlo				6 Mths	
Quest for the "stem cell" in nasopharyngeal carcinoma						
MATTHEWS, Jason						
University of Toronto		\$97,715		PT	3 Yr(s)	
Interactions of aryl hydrocarbon receptor and oestrogen receptor alpha						
MELOCHE, Sylvain						
Université de Montréal		\$139,941		MCC	5 Yr(s)	
Regulation of the cip/kip family of cyclin- dependent kinase inhibitors in normal and cancer cells						

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PARNEY, Ian F						
University of Calgary		\$84,985		CBT	3 Yr(s)	
Immunosuppressive cell networks in malignant glioma patients	:	70.90			(3)	
PELLEGRINI, Luca						
Université Laval		\$91,525		MCC	4 Yr(s)	
Centre de recherche Université Laval-Robert- Giffard (QC)						
The rhomboid protease PARL, a novel mitochondrial checkpoint of apoptosis: Uncovering the molecular switches and signaling pathways governing its function						
RAMOTAR, Dindial						
Hôpital Maisonneuve-Rosemont (Montréal)		\$85,576		CPT	4 Yr(s)	
Proteins involved in the transport of the antitumour drug bleomycin: Yeast to mammalian cells						
REILLY, Raymond M						
University of Toronto	BRANDWEIN, Joseph M	\$93,410		CPT	3 Yr(s)	
Targeting the leukemic stem cell for auger electron radiotherapy of acute myelogenous leukemia	/ MINDEN, Mark D / NITZ, Mark					
RICHARD, Stéphane						
Sir Mortimer B. Davis Jewish General Hospital-Mtl		\$123,893		CBT	5 Yr(s)	
The role of arginine methylation of MRE11 in mediating the DNA damage response						

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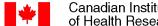


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RICHARD, Stéphane						
Sir Mortimer B. Davis Jewish General Hospital-Mtl		\$141,186		MCC	5 Yr(s)	
The role of the STAR RNA binding protein sam68 in regulating cell migration and proliferation in cancer						
ROBERT, François						
Institut de recherches cliniques de Montréal		\$139,632		GMX	5 Yr(s)	
The role of chromatin in cell cycle gene transcription and DNA replication						
ROUX, Philippe						
Université de Montréal		\$102,826		CP	5 Yr(s)	
Mitogenic and oncogenic regulation of RSK signaling						
SAUVAGEAU, Guy						
Université de Montréal		\$294,711		GMX	3 Yr(s)	
Functional genomics to identify stem cell fate determinants						
SCHREINER, L. J						
Queen's University (Kingston, Ontario)	DARKO, Johnson /	\$71,481		MPI	3 Yr(s)	
Kingston Regional Cancer Centre (Ontario)	MCAULEY, Kim B / SALOMONS, Gregory J					
Improved polymer gel dosimetry for clinical radiation therapy						

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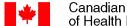


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SCHRIEMER, David C						
University of Calgary		\$95,599		CPT	3 Yr(s)	
Microtubules and cancer therapy: Defining the mechanistic relationship between synthetic and endogenous regulators of microtubule stabilizers		, ,			.,	
SCHUH, Andre C						
University Health Network (Toronto)		\$96,489		CBT	3 Yr(s)	
Elucidation of the role(s) of EVI1 variants in MDS and AML						
SHEN, Shi-Hsiang						
McGill University		\$93,557		CPT	3 Yr(s)	
The roles of miRNAs in oncogenesis						
TAI, Isabella T						
University of British Columbia		\$85,592		CPT	3 Yr(s)	
The role of SPARC in chemotherapy sensitization						
VEILLETTE, André						
Institut de recherches cliniques de Montréal		\$150,294		MCC	5 Yr(s)	
SLAM family receptors in immunity and cancer						
WAN, Yonghong						
	LICHTY, Brian D	\$121,168		CBT	5 Yr(s)	
Tumour immunotherapy with oncolytic virus and cancer vaccines						

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WINKLBAUER, Rudolf						
University of Toronto		\$119,746		DEV	5 Yr(s)	
Control of cell migration in the vertebrate gastrula						
WOODGATE, Roberta L						
University of Manitoba	HALAS, Joannie M /	\$84,373		CHI	1 Yr(s)	
An ethnographic study of adolescents' conceptualization of cancer and cancer prevention: Framing cancer and cancer prevention within the life-situations of adolescents	SCHULTZ, Annette S					
YEUNG, Ivan Wai Tong						
University Health Network (Toronto)	CHO, Young-Bin / DAWSON, Laura A /	\$54,814		MPI	2 Yr(s)	
On-line perfusion measurement with contrast enhanced cone-beam CT in radiation therapy	JAFFRAY, David A					
ZHENG, Gang						
University Health Network (Toronto)	TRACHTENBERG, John	\$120,494		CBT	3 Yr(s)	
Ontario Cancer Institute (Toronto)	/ WILSON, Brian C					
Near-infrared imaging and photodynamic therapy of prostate cancer using aptamer-directed lipoprotein nanoplatform						

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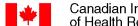
Updated: 10/09/2007

Primary Institute : Circulatory and Respiratory Health / Santé circulatoire et respiratoire

Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
AMSDEN, Brian G						
Queen's University (Kingston, Ontario) Injectable formulation for growth factor delivery	PANG, Stephen C	\$89,514		PS	4 Yr(s)	
ANAND-SRIVASTAVA, Madhu B						
Université de Montréal G proteins and membrane signaling in cardiovascular system		\$126,336		CSA	5 Yr(s)	
ANSLEY, David M						
University of British Columbia PRO-TECT II: Propofol cardioprotection for type II diabetics	CHEN, David D / CHOI, Peter T	\$85,657		РТ	3 Yr(s)	
AUSTIN, Richard C						
McMaster University		\$112,316		CSC	5 Yr(s)	
Role of TDAG51 to the development and progression of atherothrombotic disease						
BAI, Donglin						
University of Western Ontario		\$88,063		CSA	1 Yr(s)	
The role of connexin43 in cardiac function						
BISSONNETTE, Elyse						
Université Laval		\$100,000		RS	1 Yr(s)	
Hôpital Laval (Québec)						
Role of alveolar macrophages in allergic asthma						

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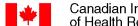
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Primary Institute: Circulatory and Respiratory Health / Santé circulatoire et respiratoire

Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
BRADLEY, Douglas T						
Toronto Rehab Institute	CHAN, Christopher T /	\$119,814		RS	5 Yr(s)	
Pathophysiology and treatment of sleep apnea in heart and renal failure	FLORAS, John S / PAUL, Narinder S					
BURGON, Patrick G						
University of Ottawa		\$97,252		CSA	3 Yr(s)	
University of Ottawa Heart Institute						
Cardiac manifestation of laminopathies						
CHOW, Chung-Wai						
University of Toronto		\$100,000		RS	1 Yr(s)	
Expression and function of syk in airway epithelial cells						
CZUBRYT, Michael P						
University of Manitoba		\$85,534		CSA	5 Yr(s)	
Transcriptional regulators of cardiac metabolic gene expression in hypertrophy and failure						
DUMONT, Daniel J						
Sunnybrook Health Sciences Centre		\$132,466		CSA	5 Yr(s)	
Biochemical and genetic characterization of the TEK/TIE-2 signaling pathway		· · · · · · · · · · · · · · · · · · ·				
DURAND, Louis-Gilles						
Institut de recherches cliniques de Montréal	DUMESNIL, Jean G /	\$112,852		CSB	3 Yr(s)	
Impact of aortic stenosis and systemic arterial hypertension on coronary circulation and left ventricular function	GARCIA, Damien / KADEM, Lyes / MATHIEU, Patrick / PIBAROT, Philippe J / RODÉS CABAU, Josep	, - 3,00 -		352	(0)	

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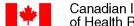
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Primary Institute: Circulatory and Respiratory Health / Santé circulatoire et respiratoire

Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
DYCK, Jason R						
University of Alberta		\$96,070		CSA	5 Yr(s)	
The involvement of CD36 in the regulation of myocardial metabolism and function						
FENSTER, Aaron						
Robarts Research Institute (London, Ont.)	PARRAGA, Grace /	\$112,861		MPI	5 Yr(s)	
Development of 3D ultrasound techniques for carotid artery disease assessment and monitoring	SPENCE, John D					
FIXMAN, Elizabeth D						
McGill University		\$100,800		RS	3 Yr(s)	
Meakins Christie Labs (Québec)						
Cell permeable peptides targeting STAT-6 and inhibition of allergic airways disease						
GILES, Wayne R						
University of Calgary		\$105,544		CSA	5 Yr(s)	
Physiological and pharmacological responses of adult cardiac fibroblasts						
GROS, Robert						
Robarts Research Institute (London, Ont.)		\$80,041		CSC	3 Yr(s)	
Regulators of G-protein-coupled receptor- mediated vascular responses						
HOGG, James C						
University of British Columbia	HAYASHI, Shizu	\$68,672		RS	2 Yr(s)	
St. Paul's Hospital, Vancouver						
Structure and function of the bronchial mucosa	ı					

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Circulatory and Respiratory Health / Santé circulatoire et respiratoire **Primary Institute:**

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HORNER, Richard L						
University of Toronto		\$134,302		RS	5 Yr(s)	
Control of breathing during sleep: Brainstem mechanisms of respiratory motor control						
HUOT, Jacques						
Université Laval		\$113,642		CSC	5 Yr(s)	
Role of stress-sensitive pathways in regulating endothelial cell activation and functions						
HUSSAIN, Sabah N						
McGill University		\$94,705		CSC	3 Yr(s)	
Royal Victoria Hospital (Montreal)						
Mechanisms of angiopoietin/tie-2 signaling in endothelial cells						
KING, Kathryn M						
University of Calgary	GHALI, William A /	\$50,000		HSR	3 Yr(s)	
Body mass Index, gender, and the decision to undergo coronary artery bypass graft surgery	KNUDTSON, Merril L / MAITLAND, Andrew / MATHER, Charles M					
KUBES, Paul						
University of Calgary		\$110,388		CSC	5 Yr(s)	
Role of cell specific TLR4 in vascular dysfunction associated with lipopolysaccharide	,					
LAUTT, W. Wayne						
University of Manitoba		\$108,571		CSB	3 Yr(s)	
Abnormal meal-induced insulin sensitization as a cause of cardiovascular disease in aged rats and in sucrose supplemented diets						

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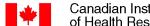
Updated: 10/09/2007

Primary Institute: Circulatory and Respiratory Health / Santé circulatoire et respiratoire

Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
LEWIS, James F						
University of Western Ontario	VELDHUIZEN, Rudolf	\$132,747		RS	5 Yr(s)	
Lawson Health Research Institute (London, Ontario)	A					
The role of surfactant in acute lung injury and progression to multi-organ failure						
LOPASCHUK, Gary D						
University of Alberta	CLANACHAN,	\$99,691		CSB	5 Yr(s)	
AMP-activated protein kinase effects on the source and fate of protons in the ischemic hear	Alexander S					
MERHI, Yahye						
Montreal Heart Institute		\$98,839		CSC	4 Yr(s)	
Signaling and function of P-selectin in atherothrombosis						
MILLER, Judith A						
University of Toronto	CHERNEY, David Z /	\$104,580		CSB	5 Yr(s)	
Hemodynamic modulation in type 1 Diabetes Mellitus	SOCHETT, Etienne B					
MUKADDAM-DAHER, Suhayla						
Centre Hosp. de l'Université de Montréal (CHUM)	GUTKOWSKA, Jolanta	\$70,722		CSA	3 Yr(s)	
Effects of sympathetic inhibition in cardiac pathologies						
NATTEL, Stanley						
Montreal Heart Institute		\$170,935		CSB	5 Yr(s)	
Mechanisms and consequences of atrial ionic remodeling						

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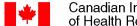
Updated: 10/09/2007

Circulatory and Respiratory Health / Santé circulatoire et respiratoire **Primary Institute:**

Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
PAGE, Pierre L						
Hôpital du Sacré-Coeur de Montréal		\$51,017		CSA	1 Yr(s)	
Neurogenic substrates of atrial fibrillation						
PARE, Peter D						
University of British Columbia	KNIGHT, Darryl A /	\$110,850		RS	3 Yr(s)	
Genetic and epigenetic determinants of asthmatic epithelial cell Phenotype	KOBOR, Michael S / SANDFORD, Andrew J					
PETROF, Basil J						
McGill University		\$104,827		RS	5 Yr(s)	
Meakins Christie Labs (Québec)						
The relationship between proinflammatory mediator expression and diaphragm dysfunction						
PONKA, Premysl						
Sir Mortimer B. Davis Jewish General Hospital-Mtl		\$93,919		PS	5 Yr(s)	
Chelation, mobilization and metabolism of storage iron						
REDINGTON, Andrew N						
Hospital for Sick Children (Toronto)	MCCRINDLE, Brian W	\$97,360		CSB	1 Yr(s)	
The effect of remote ischemic preconditioning on clinical and genetic responses to open heart surgery in children						

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Updated: 10/09/2007

Primary Institute: Circulatory and Respiratory Health / Santé circulatoire et respiratoire

Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
ROCKER, Graeme M						
Dalhousie University (Nova Scotia)	HERNANDEZ, Paul /	\$91,970		PLC	1 Yr(s)	
Queen Elizabeth II Health Science Centre (Nova Scotia)	HORTON, Robert P / SINUFF, Tasnim			6 Mths		
Advanced COPD: Intervention with a modular educational program and an advanced care team. The COPD IMPACT study						
SCHIFFRIN, Ernesto L						
Sir Mortimer B. Davis Jewish General Hospital-Mtl		\$108,240		CSB	5 Yr(s)	
Vascular remodeling in hypertension: From genes to mice to humans						
STEWART, Duncan J						
St. Michael's Hospital (Toronto)		\$82,600		CSC	3 Yr(s)	
Role of angiopoietins in regulation of angiogenesis						
TIBBITS, Glen F						
University of British Columbia		\$144,016		CSA	5 Yr(s)	
Child and Family Research Institute						
Ontogeny of myocardial excitation contraction coupling mechanisms						
TRIGGLE, Christopher R						
University of Calgary	ANDERSON, Todd J /	\$97,864		PT	5 Yr(s)	
Hyperglycaemia and vascular dysfunction: Studies of potential new therapeutic targets	HOLLENBERG, Morley D	Ψ2.,00·.			(-)	

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Updated: 10/09/2007

Circulatory and Respiratory Health / Santé circulatoire et respiratoire **Primary Institute:**

Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
TYBERG, John V						
University of Calgary Analysis of mitral leaflet motion during the E-wave	SHRIVE, Nigel G / SMALLHORN, Jeffrey F / THOMPSON, Richard B	\$78,685		CSB	3 Yr(s)	
WALLEY, Keith R						
University of British Columbia		\$122,899		CSB	5 Yr(s)	
St. Paul's Hospital, Vancouver						
Toll-like receptor signaling in cardiac inflammatory states						
WANG, Zhiguo						
Montreal Heart Institute		\$124,189		PT	4 Yr(s)	
Post-transcriptional repression of ion channels by the muscle-specific microRNAs miR-1 and miR-133 and the potential implications in electrophysiologic remodeling in failing heart						
ZANDSTRA, Peter W						
University of Toronto		\$139,024		BME	5 Yr(s)	
Engineering and controlling the microenvironment during human embryonic stem cell differentiation for the improved generation of blood progenitors						

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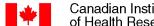
Updated: 10/09/2007

Primary Institute: Gender and Health / Santé des femmes et des hommes

Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
DÉRY, Michèle TOUPIN, Jean VERLAAN, Pierrette Université de Sherbrooke Les troubles de comportement au féminin: Identification à l'école primaire, corrélats, évolution et services	COUTURE, Caroline / PAUZÉ, Robert	\$99,991		GSH	3 Yr(s)	
DRAPEAU, Aline						
Université de Montréal	BOYER, Richard	\$27,543		GSH	2 Yr(s)	
Centre de recherche Fernand-Seguin de l'Hôpital Louis H Lafontaine (Mtl) Influence de l'ancrage social sur le comportement et l'attitude des femmes et des hommes par rapport à la maladie mentale. L'exemple de la sous-déclaration du recours aux services psychiatriques dans une enquête populationnelle						
EODD CH BOE Marilan V						
FORD-GILBOE, Marilyn V VARCOE, Colleen M WUEST, Judith A University of Western Ontario The effects of personal, social and economic resources on physical and mental health of women in the early years after leaving an abusive partner: Waves 3, 4 and 5	DAVIES, Lorraine E / GURUGE, Sepali / HANKIVSKY, Olena / LENT, Barbara / MACINTOSH, Judith A / MERRITT-GRAY, Marilyn L / SMYE, Victoria L	\$219,923		GSH	4 Yr(s)	
FORTIER, Michel A						
Université Laval	LECLERC, Pierre /	\$59,173		GSH	2 Yr(s)	
Evaluation of the contribution of prostaglandins in the regulation of male fertility and genital tract function	SULLIVAN, Robert	. ,			``	

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Updated: 10/09/2007

Primary Institute: Gender and Health / Santé des femmes et des hommes

Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
KIMMINS, Sarah						
McGill University		\$107,777		E	3 Yr(s)	
Epigenetic regulation of male germ cell transcription: Does methylation of histone H3 at lysine 4 control key events in male germ cel differentiation?						
MACQUARRIE, Colleen R						
University of Prince Edward Island (Charlottetown)	BOSWALL, H. Diane / BRYANTON, Janet A /	\$62,844		GSH	3 Yr(s)	
Discovering the functional meanings of smoking for pregnant adolescents: Prenatal to postpartum transitions	BRYANTON, Janet A / FLYNN, Billie Jean / GREAVES, Lorraine J / HERBERT, Rosemary J / MCDONALD, Paul W / NORTON, Marilyn R / SMITH, Philip B					
MEYER, Jeffrey H						
Centre for Addiction and Mental Health (Toronto)	HOULE, Sylvain / STEWART, Donna E /	\$103,447		GSH	3 Yr(s)	
Neurochemical aspects of depression in women: Monoamine oxidase A in the postpartum period	WILSON, Alan A					
ROSS, Lori E						
Centre for Addiction and Mental Health (Toronto)	BOURGEAULT, Ivy L / CAIRNEY, John /	\$100,000		GSH	1 Yr(s)	
Social locations, social connectedness, and postpartum depression	DENNIS, Cindy-Lee E / STEELE, Leah S					

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Primary Institute: Gender and Health / Santé des femmes et des hommes

Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
SCHWARTZMAN, Alex E ABRAHAMOWICZ, Michal M HASTINGS, Paul D Concordia University (Montreal, Quebec) The bioecological dimensions of mental and physical health across three generations	SERBIN, Lisa / STACK, Dale M / TAMBLYN, Robyn M	\$126,667		PSD	4 Yr(s)	
TAGALAKIS, Vicky KAHN, Susan R Sir Mortimer B. Davis Jewish General Hospital-Mtl Lady Davis Institute for Medical Research (Mtl) The effect of sex on the epidemiology of venous thromboembolic disease	BOIVIN, Jean-François / MORIDE, Yola / OPATRNY, Lucie	\$50,681		GSH	2 Yr(s)	
TASCA, George Ottawa Health Research Institute Ottawa Hospital General Campus (Ottawa Ontario) Optimizing outcomes for binge eating, depression and weight loss for obese women with binge eating disorder by matching to group psychological treatments based on level of attachment anxiety	BALFOUR, Louise C / BISSADA, Hany E / KRYSANSKI, Valerie L / PRYDE, Kirsti A / RITCHIE, Kerri	\$52,762		GSH	2 Yr(s)	
WADE, Terrance J CAIRNEY, John Brock University (Ontario) Mental health issues surrounding single parent fathers and mothers: The intersection of family structure and gender		\$46,804		GSH	2 Yr(s)	

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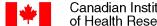


Updated: 10/09/2007

Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
ABOU ELELA, Sherif						
Université de Sherbrooke		\$121,748		BMB	5 Yr(s)	
The mechanism of RNase III dependent post- transcriptional gene regulation / Rôle de la ribonucléase III dans le métabolisme de l'ARN chez les eukaryotes						
AULD, Vanessa J						
University of British Columbia		\$115,543		CBM	5 Yr(s)	
Analysis of gliotactin function and formation of the tricellular junction						
BLENCOWE, Benjamin J						
University of Toronto		\$132,801		BMB	5 Yr(s)	
Global regulatory features of mammalian alternative splicing						
COULOMBE, Benoît						
Institut de recherches cliniques de Montréal	BLANCHETTE, Mathieu	\$177,500		GMX	5 Yr(s)	
Proteomic analysis of the cell machinery that interprets the human genome	D					
D'AMOURS, Damien						
Université de Montréal		\$109,002		G	5 Yr(s)	
Roles of SMC complexes in DNA repair and genome stability						

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
DUFORT, Daniel						
McGill University		\$115,690		DEV	5 Yr(s)	
Centre universitaire de santé de McGill		Ψ113,070		DLV	3 11(3)	
Deciphering the signaling pathways involved in embryo-uterine communication during implantation						
EMILI, Andrew N						
University of Toronto	GREENBLATT, Jack F /	\$229,752		GMX	3 Yr(s)	
E-SGA: Charting bacterial functional networks by systematic genome-scale synthetic lethal screens in E. Coli	MODENO HA CEL CIED					
GOODYER, Paul R						
The Res. Inst. of the McGill University Health Ctr		\$109,446		EM	3 Yr(s)	
McGill University						
PAX2, WNTS, and the pathogenesis of polycystic kidney disease						
GRAVEL, Roy A						
University of Calgary	CROSS, James C	\$140,711		G	5 Yr(s)	
Mouse models of methionine synthase reductase: Abnormalities at the intersection of the folate and methionine cycles						
HARRIS, Tony J						
University of Toronto		\$102,686		DEV	4 Yr(s)	
Controlling epithelial cell polarity in Drosophila: Regulation of adherens junctions by bazooka/PAR-3		•			, ,	

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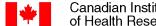


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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
HOBMAN, Tom C						
University of Alberta		\$127,158		СР	5 Yr(s)	
Analyses of argonaute proteins: Functions in RNA interference and signaling						
HOURY, Walid A						
University of Toronto		\$134,239		CP	5 Yr(s)	
The role of molecular chaperones in protein folding and degradation: Analysis of the mechanism of function of chaperone-protease complexes						
HOWELL, Patricia L						
Hospital for Sick Children (Toronto)		\$139,800		BMA	5 Yr(s)	
Biosynthesis and export of Pseudomonas aeruginosa alginate						
KAY, Lewis E						
University of Toronto		\$173,600		BMA	5 Yr(s)	
Solution NMR studies of the proteasome						
KAY, Lewis E						
University of Toronto		\$185,500		BMA	5 Yr(s)	
Seeing the invisible by NMR spectroscopy: Studies of excited protein states						
KEELING, Patrick J						
University of British Columbia		\$100,000		GMX	1 Yr(s)	
Genome reduction and compaction in microsporidian intracellular parasites						

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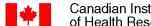


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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
KMITA, Marie T						
Institut de recherches cliniques de Montréal Interplay between hox genes, cell proliferation and apoptosis during embryogenesis		\$136,484		DEV	5 Yr(s)	
KOTHARY, Rashmi K						
Ottawa Health Research Institute Dystonin/bpag1 - a versatile linker protein		\$134,823		CBM	5 Yr(s)	
LAFONTAINE, Daniel						
Université de Sherbrooke		\$99,545		BMB	5 Yr(s)	
Structural and functional studies of purine riboswitches. Études structurales et fonctionnelles des riborégulateurs purines						
LASKO, Paul F						
McGill University	SONENBERG, Nahum	\$125,911		G	5 Yr(s)	
Translational control in eukaryotic development						
LEE, Ki-Young						
University of Calgary		\$118,787		CBM	5 Yr(s)	
Cyclin-dependent kinase 5 in sperm flagella formation and function		·				
LEFEBVRE, Louis						
University of British Columbia		\$119,219		DEV	3 Yr(s)	
Developmental regulation of genomic imprinting in the mouse						

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
LEGARE, France STACEY, Dawn Université Laval Hôpital Saint-François d'Assise (Québec) Interprofessional approaches to shared decision making in primary care: Advancing theories, frameworks, methods and measurement	ELWYN, Glyn / FROSCH, Dominick L / GAGNON, Marie-Pierre / GRAHAM, Ian D / HARRISON, Margaret B / PLUYE, Pierre	\$61,283		НРМ	2 Yr(s)	
LYE, Stephen J Mount Sinai Hospital (Toronto) Samuel Lunenfeld Research Institute (Toronto) Gene-environment interactions underlying the developmental origins of health and disease	BEILIN, Lawrence J / BRIOLLAIS, Laurent / CHALLIS, John R / DOHERTY, Dorota A / MATTHEWS, Stephen G / NEWNHAM, John P / OZCELIK, Hilmi / PALMER, Lyle J / PENNELL, Craig E / SIMINOVITCH, Katherine A / STANLEY, Fiona J / VAN EEKELEN, Johanna A / ZUBRICK, Stephen R	\$136,276		CIA	3 Yr(s)	
MCBRIDE, Heidi M University of Ottawa University of Ottawa Heart Institute Molecular switches and membrane dynamics: Uncovering the mechanisms and function of mitochondrial fusion	SCREATON, Robert A	\$119,992		СР	5 Yr(s)	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
MCGHEE, James D						
University of Calgary		\$132,689		DEV	5 Yr(s)	
Development of the C. elegans intestine		Ψ132,007			J 11(5)	
MEDIN, Jeffrey A						
University Health Network (Toronto)		\$112,956		CSC	5 Yr(s)	
Enhancement of gene transfer outcomes for fabry disease						
MEGENEY, Lynn A						
Ottawa Health Research Institute		\$93,447		G	3 Yr(s)	
The role of caspase mediated DNA cleavage in cell differentiation						
MICHALAK, Marek S						
University of Alberta		\$128,508		CSA	5 Yr(s)	
Cardiogeneis of embroyic stem cells						
MINASSIAN, Berge A						
Hospital for Sick Children (Toronto)	ACKERLEY, Cameron A	\$155,879		G	5 Yr(s)	
Unraveling the pathogenesis of the autophagic vacuolar myopathies	/ MANOLSON, Morris F					
NAGAR, Bhushan						
McGill University		\$99,469		BMA	5 Yr(s)	
Structural analysis of mechanisms of protein kinase regulation						

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
RINI, James M						
University of Toronto		\$128,439		BMA	5 Yr(s)	
Glycosyltransferase structure and mechanism						
ROBERTS, Robert						
University of Ottawa	MCPHERSON, Ruth /	\$112,312		CSC	5 Yr(s)	
University of Ottawa Heart Institute	STEWART, Alexandre F / WELLS, George A					
Genome-wide scan to identify coronary artery disease genes	/ WELLS, George A					
ROULEAU, Guy A						
Centre Hosp. de l'Université de Montréal (CHUM)	DUBÉ, Marie-Pierre / MONTPLAISIR, Jacques	\$110,075		G	5 Yr(s)	
Identification of genes predisposing to Restless Legs Syndrome	₃ Y					
SACHER, Michael G						
Concordia University (Montreal, Quebec)		\$118,546		BMB	5 Yr(s)	
Identification and characterization of factors interacting with the multisubunit vesicle tethering complex TRAPP I						
VAN DER KOOY, Derek J						
University of Toronto		\$148,048		NSB	5 Yr(s)	
Cell lineage and brain development						
WASSERMAN, Wyeth W						
University of British Columbia		\$105,502		GMX	5 Yr(s)	
Discovery and discrimination of functional clusters of transcription factor binding sites in the human genome						

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Updated: 10/09/2007

Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	1 1	PRC**	Term	Status
WILLIAMS, David B						
University of Toronto		\$122,537		CP	5 Yr(s)	
Functions of the calnexin/calreticulin chaperone system and of ER thiol oxidoreductases in protein folding and quality control						

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Updated: 10/09/2007

Primary Institute: Health Services and Policy Research / Services et politiques de la santé

Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
AUSTIN, Wendy J University of Alberta The experience and resolution of moral distress in paediatric intensive care teams: A Canadian perspective	CARNEVALE, Franco (Frank) A / FRANK, Arthur / GARROS, Daniel	\$48,909		ELH	3 Yr(s)	
DUBOIS, Carl-Ardy D'AMOUR, Danielle Université de Montréal Les modèles d'organisation et d'utilisation des ressources infirmières et leur impact sur les résultats des soins	BENIGERI, Mike / BLAIS, Régis / CLARKE, Sean P / RIVARD, Michèle / TOURANGEAU, Ann Elizabeth	\$95,824		НРМ	3 Yr(s)	
ESTABROOKS, Carole Anne University of Alberta Translating research in elder care	CUMMINGS, Greta / DEGNER, Lesley F / DOPSON, Susan / LASCHINGER, Heather / MCGILTON, Katherine S / MORGAN, Debra G / NORTON, Peter G / PROFETTO-MCGRATH, Joanne / RYCROFT- MALONE, Joanne / SALES, Anne E / SMITH, Malcolm C / STEWART, Norma J / TEARE, Gary F	\$946,082		KTE	5 Yr(s)	

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Canada

Results of the 15/09/2006 200609MOP Operating Grant Competition

Updated: 10/09/2007

Primary Institute: Health Services and Policy Research / Services et politiques de la santé

Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
KO, Dennis T.						
Sunnybrook Health Sciences Centre	ALTER, David A /	\$122,022		HSR	3 Yr(s)	
Institute for Clinical Evaluative Sciences- Toronto Evaluating and improving the quality of care and outcomes of percutaneous coronary interventions in Canada	AUSTIN, Peter C / STUKEL, Therese A / TU, Jack V					
LANG, Ariella						
Université de Montréal	COHEN, S. Robin /	\$53,237		HSI	3 Yr(s)	Pending
Victorian Order of Nurses for Canada (Ottawa)	EASTY, Anthony C /					
Safety in home care: Perspectives from clients, family members, caregivers, and providers	LACHANCE, Julie A / ST-GERMAIN, Daphney / STAJDUHAR, Kelli I / WILLIAMS, Allison M					
LINKS, Paul S						
CUTCLIFFE, John R	BALDERSON, Kenneth	\$100,030		HSI	2 Yr(s)	
St. Michael's Hospital (Toronto)	E / BERGMANS, Yvonne					
Understanding the risk of suicide associated with recent discharge	/ HARDER, Henry G / HOCH, Jeffrey S / NISENBAUM, Rosane					
MORGAN, Steven G						
University of British Columbia	BARER, Morris L /	\$78,709		HPM	2 Yr(s)	
Equity in pharmacare: Measuring access to and financing of prescription drugs within and across population subgroups	BLACK, Charlyn / EVANS, Robert G / HURLEY, Jeremiah E					

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Primary Institute: Health Services and Policy Research / Services et politiques de la santé

Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
SHIELL, Alan DOYLE-BAKER, Patricia K	AULD, Matthew C /	\$197,881		HSR	3 Yr(s)	
SANDALACK, Beverly A University of Calgary EcoEUFORIA: Economic evaluation of using urban form to increase activity	FRIEDENREICH, Christine M / GILES- CORTI, Billie / SMITHERS, Whitney L					
STIELL, Ian G						
Ottawa Health Research Institute A study to develop clinical decision rules for the hospital admission of patients with acute dyspnea	AARON, Shawn D / BRISON, Robert J / CALDER, Lisa A / FORSTER, Alan J / PERRY, Jeffrey J / ROWE, Brian H / WELLS, George A	\$116,951		HSI	3 Yr(s)	
WONG, Sabrina						
University of British Columbia Canadians' perspectives on the quality of primary health care	BLACK, Charlyn / CUTLER, Fred E / HAGGERTY, Jeannie L / WATSON, Diane	\$126,770		НРМ	2 Yr(s)	

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Primary Institute: Human Development, Child and Youth Health / Développement et santé des enfants et des

adolescents

Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
BAXTER-JONES, Adam D						
University of Saskatchewan	EISENMANN, Joey C /	\$100,000		POP	1 Yr(s)	
The relationships of adolescent physical development, physical fitness and physical activity to markers of metabolic syndrome at 50 years of age	FAULKNER, Robert A / SHERAR, Lauren B / WHITING, Susan J	φ100,000				
BOCKING, Alan D						
Mount Sinai Hospital (Toronto)	CHALLIS, John R /	\$96,070		CIA	5 Yr(s)	
Role of lactobacilli in maternal and perinatal health	REID, Gregor					
BRAND, Marjorie C						
Ottawa Health Research Institute		\$129,194		GMX	3 Yr(s)	
Systems biology approach to elucidate the role of SCL/TAL-1 in T-cell acute lymphoblastic leukemia						
BREAU, Lynn M						
Dalhousie University (Nova Scotia)	FINLEY, G. A /	\$45,832		CHI	2 Yr(s)	
Development and pilot testing of psychological pain management techniques for children with intellectual disabilities	FORGERON, Paula A / SNELGROVE-CLARKE, Erna E / STEENBEEK, Audrey					
BRODLAND, Gerald W						
University of Waterloo (Ontario)	MARSDEN, Mungo	\$52,016		BME	4 Yr(s)	
Homing in on the mechanics of neurulation and neural tube defects (NTDs)	M Modelly, Muligo	Ψ32,010		DIVIE	7 11(5)	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
EMERY, Carolyn A						
University of Calgary The risk of injury associated with body checking among pediatric ice hockey players	BENSON, Brian W / GOULET, Claude / HAGEL, Brent E / MEEUWISSE, Willem H / SHRIER, Ian	\$214,300		СНІ	2 Yr(s)	
FRIEDMAN, Jan M						
University of British Columbia B.C. Research Institute for Children's & Women's Health (Vancouver)	LANGLOIS, Sylvie F / MICHAUD, Jacques L / ROUSSEAU, François	\$96,709		СНІ	3 Yr(s)	
Recurrent novel copy number variants in children with mental retardation						
GORDON, Karen Ann						
Hospital for Sick Children (Toronto)		\$60,404		CHI	1 Yr(s)	
Bilateral auditory plasticity in human development						
GUILBERT, Larry J						
University of Alberta	DAVIDGE, Sandra T /	\$92,490		CIA	5 Yr(s)	
The balance between placental cell death and tissue remodeling in IUGR complicated pregnancies	DEMIANCZUK, Nestor N					
GUIMONT, Chantal						
Université Laval	BERNIER, Daniel /	\$70,440		CHI	1 Yr(s)	
Centre hospitalier de l'Université Laval (Québec)	D'ANJOU, Anie-Claude / DAIGNEAULT, Patrick /					
Identification des facteurs de risque de re- consulter après avoir été libéré de l'urgence, lors d'un même épisode de bronchiolite	GOUIN, Serge					

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
ITO, Shinya						
Hospital for Sick Children (Toronto)	VYHLIDAL, Carrie A	\$111,848		PT	3 Yr(s)	
Novel transcriptional control of human CYP3A						
JOSEPH, K. S ALLEN, Victoria M DENDUKURI, Nandini O'CAMPO, Patricia	ALLEN, Alexander C / DODDS, Linda / LISTON, Robert M	\$104,727		PUB	3 Yr(s)	
IWK Health Centre (Halifax)						
Socioeconomic status and perinatal health						
LEUNG, Peter C						
University of British Columbia		\$119,312		Е	5 Yr(s)	
Child and Family Research Institute						
Autocrine and paracrine control of ovarian granulosa cell function						
LEUNG, Peter C						
University of British Columbia	MACCALMAN, Colin D	\$105,307		CIA	5 Yr(s)	
Child and Family Research Institute						
Biological actions of gnRH in human implantation and placentation						
LYE, Stephen J						
Mount Sinai Hospital (Toronto)	DUNK, Caroline E /	\$128,562		Е	5 Yr(s)	
Samuel Lunenfeld Research Institute (Toronto)	KEATING, Sarah J /					
Extra villous trophoblast mediated utero- placental vascular remodelling	MAXWELL, Cynthia V					

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
MERGLER, Donna BOUCHARD, Maryse Université du Québec à Montréal L'exposition au manganèse dans l'eau potable affecte-elle le comportement et les facultés intellectuelles des enfants?	BARBEAU, Benoit / BELLINGER, David C / BOUCHARD, Maryse / BOUFFARD, Thérèse / LARRIBE, Fabrice / LEGRAND, Melissa / LIMOGES, Elyse / WEISSENBERGER, Sebastian	\$154,258		СНІ	3 Yr(s)	
NUYT, Anne Monique Hôpital Sainte-Justine (Montréal) Is perinatal oxidative stress the primary element underlying developmental programming of hypertension and vascular dysfunction?		\$72,262		CSB	3 Yr(s)	
SCHNEIDER, Barry H ROBAEY, Philippe University of Ottawa A multimethod, longitudinal exploration of the friendship patterns of children with and without attention-deficit/hyperactivity disorder		\$56,127		СНІ	4 Yr(s)	

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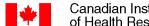
Updated: 10/09/2007

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
SEGUIN, Louise						
PARADIS, Gilles	BARNETT, Tracie A /	\$345,049		CHI	4 Yr(s)	
Université de Montréal	DANIEL, Mark /	++ ·+, · · ·			(-)	
Longitudinal analysis of the Quebec birth cohort: Pathways between early childhood poverty, stress, child health, cardiovascular risk factors and associated secular trends, and resiliency	DANIEL, Mark / DELVIN, Edgard E / GAUVIN, Lise / GRAY- DONALD, Katherine A / HANLEY, James A / LAMBERT, Marie / LEVY, Emile / LOUCKS, Eric B / LUPIEN, Sonia J / LYNCH, John W / MCGRATH, Jennifer J / NEWACHECK, Paul W / NICOLAU, Belinda F / O'LOUGHLIN, Jennifer L / POIRIER, Paul / ZUNZUNEGUI, Maria- Victoria					
SLATER, Donna M						
University of Calgary		\$69,876		CIA	3 Yr(s)	
PGE2 and the EP receptors in the human uterus during pregnancy and parturition						
SMITH, Isabel M						
IWK Health Centre (Halifax)	BRYSON, Susan E /	\$86,230		CHI	3 Yr(s)	
Effectiveness of the Nova Scotia EIBI program for young children with autistic spectrum disorders	VAILLANCOURT, Tracy					
STEVENS, Bonnie J						
Hospital for Sick Children (Toronto)	DALLANTVNE Manilem	\$60,177		PSD	3 Yr(s)	
Predictors of maternal/infant attendance at neonatal follow-up programs	BALLANTYNE, Marilyn L/PINELLI, Janet M/ ROSENBAUM, Peter L/ WILLAN, Andrew R	φου,1//		rsn	3 1 f(8)	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
SWAINE, Bonnie R						
Université de Montréal Association between childhood head injury and subsequent suicide	FELDMAN, Debbie / LESAGE, Alain D / ZHANG, Xun	\$55,195		СНІ	1 Yr(s)	
TANSWELL, A. K						
Hospital for Sick Children (Toronto)	JANKOV, Robert P	\$86,009		RS	5 Yr(s)	
Inhibition of physiological apoptosis as a major component of chronic neonatal lung injury	JANKOV, Robert P	φου,συ <i>γ</i>		NS	3 11(3)	
VAN DER HOORN, Franciscus A						
University of Calgary		\$134,548		Е	3 Yr(s)	
Hybrid protein function and interactions in spermatogenesis						
WELLS, Peter G						
University of Toronto		\$129,433		PS	5 Yr(s)	
Toxicology of drugs bioactivated to a reactive intermediate						
YANG, Qiuying						
Ottawa Health Research Institute	BRADWEJN, Jacques /	\$71,564		PUB	1 Yr(s)	
Perinatal outcomes in pregnancy women treated with antidepressants	FERGUSSON, Dean A / KOREN, Gideon / WALKER, Mark C / WEN, Shi Wu	4 3, - 2 .			(-)	

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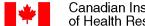


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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
ANCUTA, Petronela						
Université de Montréal		\$83,766		VVP	3 Yr(s)	
Contribution of CCR3 and CCR4 ligands produced by dendritic cells to immune synapse formation and cell-to-cell transmission of human immunodeficiency virus type 1 (HIV-1)						
ANDERSON, Michele K						
Sunnybrook Health Sciences Centre		\$118,425		ITA	5 Yr(s)	
Roles of the transcription factors HEBAlt and HEB in T cell development						
ASHKAR, Ali A						
McMaster University		\$113,104		VVP	5 Yr(s)	
Role of IL-15 and NK cells in innate defense against mucosal viral infection						
BANFIELD, Bruce W						
Queen's University (Kingston, Ontario)		\$97,365		VVP	5 Yr(s)	
AlphaHerpesvirus cell-to-cell spread						
BEFUS, A. D						
University of Alberta		\$84,902		ITB	3 Yr(s)	
Expression and functional significance of the cystic fibrosis transmembrane conductance regulator (CFTR) in mast cells						
BOULANGER, Martin J						
University of Victoria (British Columbia)		\$84,763		BMA	5 Yr(s)	
Defining the structural basis of surface antigen glycoprotein (SAG) mediated virulence in toxoplasma gondii						

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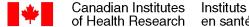


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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
BURET, André G						
University of Calgary		\$80,095		EM	3 Yr(s)	
Claudins and myosin-light-chain kinase as therapeutic targets for Helicobacter pylori gastritis						
CHACONAS, George						
University of Calgary		\$164,566		BMB	5 Yr(s)	
Telomere resolution, antigenic variation & DNA dynamics in the lyme disease spirochete						
COOMBES, Brian K						
McMaster University		\$97,068		MI	5 Yr(s)	
Identification and regulation of integrated virulence genes during salmonella pathogenesis						
CÔTÉ, José						
GODIN, Gaston	COX, J. J /	\$53,474		HSI	4 Yr(s)	
Centre Hosp. de l'Université de Montréal (CHUM)	GUÉHÉNEUC, Yann- Gaël P / LALONDE,					
Evaluation d'un programme d'interventions sur mesure "tailored" visant à optimiser l'adhésion à la prise des antirétroviraux auprès de personnes vivant avec le VIH	Richard R / LOISELLE, Carmen G / OTIS, Joanne / RAMIREZ GARCIA, Maria Pilar / TREMBLAY, Cécile L					
CRAIG, Andrew W						
Queen's University (Kingston, Ontario)		\$94,565		ITB	3 Yr(s)	
Regulation of mast cell activation and inflammation		+2 .9000		112	(0)	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
GARTNER, John G ELLISON, Cynthia A HAYGLASS, Kent T		\$106,643		ІТВ	5 Yr(s)	
University of Manitoba Immunoregulatory mechanisms of keratinocyte growth factor in graft-versus-host disease and adaptive immune responses	,					
GOMMERMAN, Jennifer L University of Toronto Lymphoid micro-architecture and the regulation of T lymphocyte function/homeostasis		\$136,678		ITA	5 Yr(s)	
GUIDOS, Cynthia J Hospital for Sick Children (Toronto) Functions of notch-fringe interactions in lymphocyte development		\$141,964		ITA	5 Yr(s)	
HANCOCK, Robert Ernest W University of British Columbia Pseudomonas aeruginosa outer membrane proteins and complex adaptations		\$133,542		MI	5 Yr(s)	
KUMAR, Ashok Children's Hospital of Eastern Ontario (Ottawa) Resistance to HIV-vpr-induced apoptosis and its regulation in human monocytic cells	KRYWORUCHKO, Marko A / MCBRIDE, Heidi M	\$95,774		VVP	3 Yr(s)	

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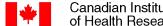


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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
LIPPÉ, Roger						
Université de Montréal		\$109,506		VVP	5 Yr(s)	
Molecular analysis of Herpes simplex virus type I egress						
LIU, Jun						
University of Toronto		\$80,477		MI	3 Yr(s)	
Metabolic deficiency of BCG: A mechanism of attenuation						
MADRENAS, Joaquin						
Robarts Research Institute (London, Ont.)		\$121,389		ITA	5 Yr(s)	
The role of SLP-2 in TCR signalosome assembly and T cell activation						
MARTIN, Alberto						
University of Toronto		\$144,766		ITA	5 Yr(s)	
Biochemical mechanisms of antibody diversification processes						
MASON, Andrew L						
University of Alberta		\$102,305		EM	3 Yr(s)	
Isolation of a novel human retrovirus associated with primary biliary cirrhosis and fulfillment of koch's postulates in vitro						
MYMRYK, Joseph S						
University of Western Ontario		\$105,511		VVP	5 Yr(s)	
London Regional Cancer Centre (Ontario)						
New targets of the human papillomavirus E7 oncoproteins						

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
OLIVIER, Martin						
The Res. Inst. of the McGill University Health Ctr	BOHLE, David S	\$95,331		CBM	3 Yr(s)	
Hemozoin crystal: A metabolic waste responsible for inflammatory-related pathologies developed during malaria infection	n					
OUELLETTE, Marc						
Université Laval		\$126,812		MI	5 Yr(s)	
Centre hospitalier de l'Université Laval (Québec)						
One carbon metabolism in the human parasite Leishmania						
PEARSON, Angela						
INRS - (Québec, QC)		\$100,517		VVP	3 Yr(s)	
Molecular mechanisms underlying the role of UL24 in Herpes simplex virus 1 replication and pathogenesis						
PICCIRILLO, Ciriaco A						
McGill University		\$119,838		ITB	5 Yr(s)	
Functional dynamics of foxp3+ regulatory T cells in vivo						
REED, Michael B						
The Res. Inst. of the McGill University Health Ctr		\$96,728		MI	3 Yr(s)	
Montreal General Hospital						
The unique adaptations of the Mycobacterium tuberculosis "beijing" family - not all tuberculosis strains are created equal						

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
SALEH, Maya						
The Res. Inst. of the McGill University Health Ctr		\$93,738		ITB	3 Yr(s)	
Caspase-12, crohn's disease and the inflammasome						
STANKOVA, Jana						
ROLA-PLESZCZYNSKI, Marek		\$99,270		PT	5 Yr(s)	
Université de Sherbrooke						
Trafficking of cysteinyl leukotriene receptors						
STRYNADKA, Natalie C						
University of British Columbia		\$224,300		BMA	5 Yr(s)	
Structure-based analysis and inhibition of Type III secretion in pathogenic bacteria						
TALBOT, Pierre J						
INRS - (Québec, QC)		\$138,887		VVP	5 Yr(s)	
Interactions of human coronaviruses with the nervous system						
THOMPSON, Charles J						
University of British Columbia		\$117,797		MI	5 Yr(s)	
Studies of the intrinsic mechanisms of multidrug resistance in mycobacteria		,			- \(\frac{1}{2}\)	
VALVANO, Miguel A						
University of Western Ontario		\$138,500		MI	5 Yr(s)	
Genetics of lipopolysaccharide assembly in gram-negative bacteria		. ,			` '	

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
VEILLETTE, André Institut de recherches cliniques de Montréal Regulation of immunity and cancer by PTP- PEST		\$114,221		ITA	5 Yr(s)	
ZILTENER, Hermann J University of British Columbia Role of leukocyte mucins on lymphohemopoietic cells		\$121,148		ITB	4 Yr(s)	

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Primary Institute: Musculoskeletal Health and Arthritis / Appareil locomoteur et arthrite

Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
BEIER, Frank						
		\$101,855		CIB	3 Yr(s)	
University of Western Ontario Regulation of endochondral bone developmer by glucocorticoid signaling	nt	\$101,833		СІБ	5 11(8)	
BERTHOD, François						
Université Laval		\$105,004		CIB	3 Yr(s)	
Peau reconstruite par génie tissulaire:oPtimisation de la récupération tactile in vivo et sa modélisation in vitro						
BERTHOD, François						
Université Laval		\$109,204		BME	3 Yr(s)	
Stratégies de réparation des transsections nerveuses à l'aide de biomatériaux						
BOMBARDIER, Claire						
BERNATSKY, Sasha R POPE, Janet E	BOYLE, Jennifer M / CIVIDINO, Alfred A /	\$80,513		HSR	3 Yr(s)	
University Health Network (Toronto)	HUX, Janet E /					
A prospective controlled study of the real- world effectiveness of biologic response modifying drugs in adults with rheumatoid arthritis	THORNE, Carter J / TOMLINSON, George A / WELLS, George A					
DOSTDOVSKY Jonethan O						
DOSTROVSKY, Jonathan O	CHIANC Char V	¢124.707		DC	4 V(-)	
University of Toronto Glial-neuronal interactions in dental nociceptive mechanisms	CHIANG, Chen Yu / SESSLE, Barry J	\$124,797		DS	4 Yr(s)	

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Primary Institute: Musculoskeletal Health and Arthritis / Appareil locomoteur et arthrite

Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
HENDERSON, Janet E						
The Res. Inst. of the McGill University Health Ctr	HACKING, Adam S	\$144,526		BME	5 Yr(s)	
McGill University						
Molecular control of skeletal regeneration and repair						
HUDSON, Marie						
Sir Mortimer B. Davis Jewish General Hospital-Mtl	BARON, Murray / STEELE, Russell J /	\$72,560		POP	3 Yr(s) 6 Mths	
Development and validation of a patient- assessed disease activity Index in systemic sclerosis	WOOD-DAUPHINEE, Sharon L					
MCELWEE, Kevin J						
University of British Columbia	SHAPIRO, Jerry	\$84,503		CIB	3 Yr(s)	
Vancouver Coastal Health Research Institute	•	, - ,		` ,		
Genetics of alopecia areata						
PANG, Cho Y						
Hospital for Sick Children (Toronto)		\$91,309		CIB	5 Yr(s)	
Angiogenic cytokine gene therapy for optimal augmentation of skin flap viability: Efficacy and mechanism						
PARENT, Stefan						
Hôpital Sainte-Justine (Montréal)	DE GUISE, Jacques A /	\$58,911		CIB	3 Yr(s)	
Université de Montréal	LABELLE, Hubert B /					
Analysis of local three-dimensional spinal and pelvic measurements as predictive factors for progression of the spinal deformity in adolescent idiopathic scoliosis	RIVARD, Michèle					

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Primary Institute: Musculoskeletal Health and Arthritis / Appareil locomoteur et arthrite

Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
PUTNINS, Edward E						
University of British Columbia		\$112,389		DS	5 Yr(s)	
Localization, expression and functional analysis of genes associated with periodontal disease onset and progression						
RABBANI, Shafaat A						
The Res. Inst. of the McGill University Health Ctr		\$118,188		MCC	5 Yr(s)	
Role of urokinase type plasminogen activator (uPA) in tumour invasion and metastasis						
RAHMAN, Proton						
1	GLADMAN, Dafna D /	\$132,644		CIB	3 Yr(s)	
	INMAN, Robert D / TSUI, Florence W					
RAINVILLE, Pierre						
	PICHE, Mathieu / ROY,	\$79,369		BSC	3 Yr(s)	
Experimental studies of the impact of emotions on pain physiology	Mathieu					
ROSSI, Fabio M						
University of British Columbia		\$107,866		DEV	3 Yr(s)	
Role of CD34 in muscle stem/progenitor cell function						

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Primary Institute: Musculoskeletal Health and Arthritis / Appareil locomoteur et arthrite

Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
ROUGHLEY, Peter J						
McGill University		\$93,002		CIB	5 Yr(s)	
Shriners Hospital for Children (Montréal)						
The function of the leucine-rich repeat proteoglycans of connective tissues						
STANFORD, William L						
University of Toronto		\$107,225		DS	5 Yr(s)	
Sca-1 null mice: A model of age-related osteoporosis						
WILSON, David R						
GARBUZ, Donald	MACKAY, Alexander L	\$82,263		BME	3 Yr(s)	
University of British Columbia						
Vancouver Coastal Health Research Institute						
Assessment of biomechanics and early cartilage degeneration at the hip using MRI: Method development and application to femoroacetabular impingement syndrome						
WING, Simon S						
McGill University		\$100,777		PLC	3 Yr(s)	
Function of USP19 deubiquitinating enzyme ir muscle wasting	1					

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
AUSTIN, Jehannine C						
University of British Columbia B.C. Research Institute for Children's & Women's Health (Vancouver) The MTHFR C677T polymorphism and postpartum mental illness in at-risk women	CORRAL, Maria D / HONER, William G / MISRI, Shaila / OBERLANDER, Timothy F	\$87,782		GSH	5 Yr(s)	
BARR, Cathy L BOIVIN, Michel DIONNE, Ginette University Health Network (Toronto) Quantitative and molecular genetic analysis of ADHD symptoms in early childhood	PERUSSE, Daniel / ROBAEY, Philippe / SCHACHAR, Russell J / SIMARD, Louise R	\$113,449		BSB	3 Yr(s)	
BOIVIN, Diane B Douglas Hospital Research Centre (Verdun, Québec) Circadian oscillation of clock genes in humans and resetting by environmental cues	CERMAKIAN, Nicolas	\$91,592		BSC	5 Yr(s)	
BOURQUE, Charles W The Res. Inst. of the McGill University Health Ctr Role of TRPV channels in the thermal and osmotic control of vasopressin neurons		\$137,669		NSA	5 Yr(s)	
BOUVIER, Michel Université de Montréal Role of receptor oligomerization and drug- directed activity in G protein-coupled receptor signaling diversity		\$144,893		РТ	5 Yr(s)	

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Results of the 15/09/2006 200609MOP Operating Grant Competition

Updated: 10/09/2007

Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
BOWIE, Derek						
McGill University		\$97,033		NSA	5 Yr(s)	
Ionotropic kainate receptors operate by a novel gating mechanism						
BRUNETTE, Isabelle						
GERMAIN, Lucie KIEFFER, Jean-Claude		\$105,801		CIA	3 Yr(s)	
VIDAL, Francois						
Hôpital Maisonneuve-Rosemont (Montréal)						
Femtosecond laser and tissue engineering assisted corneal endothelial transplantation: Phase II						
BURNHAM, W. M						
University of Toronto		\$80,659		BSA	3 Yr(s)	
Anticonvulsant effects of progesterone and its metabolites						
CHACRON, Maurice Jacques						
McGill University		\$86,052		NSA	5 Yr(s)	
Experimental and theoretical approaches applied to sensory processing						
CHARLTON, Milton P						
University of Toronto		\$154,007		NSA	5 Yr(s)	
Analysis of transmitter release mechanisms						

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Updated: 10/09/2007

Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
CHRISTIE, Brian R						
University of British Columbia		\$110,131		NSB	5 Yr(s)	
Effects of exercise on structural and functional plasticity in the aging hippocampus					(%)	
COOLEN, Lique						
University of Western Ontario		\$125,634		BSA	5 Yr(s)	
Effects of sexual experience on drug responsiveness						
COTE, Gilles						
Université du Québec à Trois-Rivières	CROCKER, Anne G /	\$195,540		PSB	3 Yr(s)	
Institut Philippe Pinel de Montréal	DAIGLE, Marc S / GOBBI, Gabriella /					
Épidémiologie des troubles mentaux, des troubles de la personnalité et de la déficience intellectuelle en milieu carcéral	TOUPIN, Jean / TURECKI, Gustavo X					
COUPLAND, Nicholas J						
University of Alberta	CHOI, Changho /	\$84,762		BSB	3 Yr(s)	
Cortisol modulation of prefrontal glutamate- glutamine activity in healthy controls and posttraumatic stress disorder	HEGADOREN, Kathy M / MALYKHIN, Nikolai V				6 Mths	
CULOTTI, Joseph G						
Mount Sinai Hospital (Toronto)		\$71,640		G	3 Yr(s)	
Samuel Lunenfeld Research Institute (Toronto))					
Molecular genetic analysis of biogenic amine signaling in C. elegans						

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
DARVESH, Sultan						
Dalhousie University (Nova Scotia)	BURRELL, Steven C /	\$95,610		BCA	3 Yr(s)	
Synthesis and evaluation of butyrylcholinesterase ligands for brain imaging in dementia	MATTE, Gilbert /	ψ,5,610		Berr	3 11(0)	
DAVIS, Karen D						
University Health Network (Toronto)	DIAMANT, Nicholas E /	\$127,645		BSC	5 Yr(s)	
Toronto Western Hospital	TENENBAUM, Howard					
Human studies of pain perception	С					
DI POLO, Adriana						
Université de Montréal		\$96,002		CBM	5 Yr(s)	
Molecular mechanisms regulating retinal ganglion cell axon regeneration in vivo						
DREW, Trevor B						
Université de Montréal		\$121,023		MOV	5 Yr(s)	
Cortical mechanisms contributing to the control of visually-guided locomotion in the cat						
DUGAS, Michel J						
Concordia University (Montreal, Quebec)	BUKOWSKI, William M	\$50,041		PSB	5 Yr(s)	
Hôpital du Sacré-Coeur de Montréal	/ GAUDET, Adrienne /					
Cognitive-behavioural treatment of generalized anxiety disorder: Impact of cognitive processing on short- and long-term outcomes	PHILLIPS, Natalie A / RADOMSKY, Adam S / SAVARD, Pierre / TURCOTTE, Julie					

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
EL-HUSSEINI, Alaa E						
University of British Columbia		\$133,242		NSB	5 Yr(s)	
Postsynaptic mechanisms that regulate synapse development						
FEHLINGS, Michael G						
University Health Network (Toronto)		\$114,403		NSB	5 Yr(s)	
Toronto Western Research Institute (Toronto)						
Investigation and treatment of traumatic axonal dysfunction after spinal cord injury						
FLANAGAN, John R						
Queen's University (Kingston, Ontario)		\$99,928		BSC	5 Yr(s)	
Sensorimotor processes underlying object manipulation						
GODBOUT, Roseline						
University of Alberta		\$107,983		CBM	4 Yr(s)	
Role of disabled-1 in the differentiating retina						
GOTO, Yukiori						
McGill University		\$71,187		NSA	3 Yr(s)	
Neurodevelopmental investigation for identification of prefrontal cortical alterations distinguishing schizophrenia and ADHD						
HARPER, Patricia A						
Hospital for Sick Children (Toronto)		\$100,000		PT	1 Yr(s)	
Novel modulation of CYP1 gene expression by the proto-oncogene product, b-catenin						

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HARRISON, Robert V						
Hospital for Sick Children (Toronto)		\$95,870		BSC	5 Yr(s)	
The programming of the neonatal auditory brain by environmental sound stimuli						
HEBERT, Marc						
Université Laval	BASTIEN, Célyne H /	\$97,745		BSC	3 Yr(s)	
Centre de recherche Université Laval-Robert- Giffard (QC)	LABERGE, Luc					
Évaluation en milieu de travail d'une stratégie de contrôle des caractéristiques spectrales de l'exposition lumineuse pour faciliter l'adaptation au travail de nuit						
HESS, Robert F						
McGill University		\$96,030		BSC	5 Yr(s)	
Neural dysfunction in human amblyopia		47.0,000			(")	
HONER, William G						
University of British Columbia	BARR, Alasdair M /	\$144,456		BSB	5 Yr(s)	
Neural connectivity in schizophrenia	BEASLEY, Clare L					
HORE, Jonathan						
University of Western Ontario	GRIBBLE, Paul L	\$89,525		MOV	3 Yr(s)	
Cerebellar control of overarm throwing						

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Updated: 10/09/2007

Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
JEMEL, Boutheina						
Université de Montréal	BURACK, Jacob A /	\$74,572		BSB	3 Yr(s)	
Hôpital Rivière-des-Prairies (Montréal)	GOSSELIN, Frédéric /	, , , , , ,			6 Mths	
Interaction between levels of information processing in autism: Cognitive and EEG synchrony studies	MOTTRON, Laurent					
JONES, Barbara E						
McGill University		\$117,856		BSA	5 Yr(s)	
Arousal systems: Orexin and other hypothalamic neurons						
KINGDOM, Frederick A						
McGill University		\$58,963		BSC	5 Yr(s)	
Color vision and image analysis						
KISS, Zelma T						
University of Calgary		\$90,587		MOV	4 Yr(s)	
Mechanisms of therapeutic deep brain stimulation (DBS) for dystonia						
KOLB, Bryan E						
University of Lethbridge (Alberta)	ROBINSON, Terrance E	\$78,853		BSA	5 Yr(s)	
Drugs, brain plasticity and behaviour						
LAMARCHE-VANE, Nathalie						
McGill University		\$117,446		CBM	3 Yr(s)	
Intracellular mechanisms regulated by the axon guidance cue netrin-1	n					

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
LAVIOLETTE, Steven R						
University of Western Ontario		\$77,337		BSA	5 Yr(s)	
Role of the amygdala-prefrontal cortical circuit in opiate motivation, learning and memory	t					
LECOMTE, Tania LECLERC, Claude R Université de Montréal Traitement des symptômes psychotiques chez des jeunes présentant un premier épisode de schizophrénie - effets de la thérapie cognitive comportementale de groupe	SPIDEL, Alicia / WOODWARD, Todd S / WYKES, Til	\$81,306		PSB	3 Yr(s)	
LEROUX, Michel R						
Simon Fraser University (Burnaby, B.C.) Biogenesis and functions of sensory cilia		\$92,892		СР	5 Yr(s)	
LEUNG, Lai-Wo S						
University of Western Ontario Hippocampal theta oscillations - generation and behavioural functions	RAJAKUMAR, Nagalingam	\$92,935		BSA	5 Yr(s)	
MCPHERSON, Peter S						
McGill University		\$144,854		CP	5 Yr(s)	
Montreal Neurological Institute						
Probing biological outcomes of a proteomic analysis of clathrin-coated vesicles						

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
MIDHA, Rajiv						
University of Calgary	GORDON, Tessa	\$90,836		NSA	3 Yr(s)	
Repair of nerve injuries using skin derived precursor stem cells						
MURAI, Keith						
The Res. Inst. of the McGill University Health Ctr		\$133,188		NSB	5 Yr(s)	
Neuron-glial mechanisms that regulate synaptic morphology and function						
MUSALLAM, Wissam						
McGill University		\$95,106		MOV	5 Yr(s)	
Static and dynamic reach encoding by the parietal and premotor cortices: Application to brain machine interfaces						
MUSHAHWAR, Vivian						
University of Alberta	ALLEN, Peter S /	\$97,360		BME	3 Yr(s)	
Intraspinal neuroprosthesis for restoring function after spinal cord injury	MCCREERY, Douglas B				6 Mths	
PIKE, G. Bruce						
McGill University	ARNOLD, Douglas L	\$121,323		MPI	5 Yr(s)	
Functional magnetic resonance imaging of brain physiology	-					

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
ROUILLARD, Claude CICCHETTI, Francesca LEVESQUE, Daniel		\$43,249		PT	1 Yr(s)	
Université Laval						
Centre hospitalier de l'Université Laval (Québec) Cystamine: A potential new approach for neuroprotection in Parkinson's Disease						
neuroprotection in 1 arkinson's Discuse						
RUTH, Thomas J						
University of British Columbia	ADAM, Michael J /	\$114,042		PS	5 Yr(s)	
Development of radiotracers based on oligonucleotide labelling	BENARD, Francois / PERRIN, David M / STOESSL, A. Jonathan					
SALTER, Michael W						
Hospital for Sick Children (Toronto)		\$194,981		NSB	5 Yr(s)	
Regulation of NMDA receptors in synaptic transmission and plasticity						
SCHACHAR, Russell J						
Hospital for Sick Children (Toronto)	NOSEWORTHY,	\$57,139		BSB	3 Yr(s)	
Functional imaging of inhibitory control and error detection in attention deficit hyperactivity disorder (ADHD)	Michael D					
SCHMITZ, Norbert						
Douglas Hospital Research Centre (Verdun, Québec)	LESAGE, Alain D / WANG, Jianli	\$50,000		PSD	2 Yr(s)	
Depression and obesity: Longitudinal relationships in the community						

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
SHUAIB, Ashfaq						
University of Alberta	TODD, Kathryn G /	\$89,166		PT	5 Yr(s)	
Investigating hyperthermia-induced microvascular damage in the ischemic injured brain	WANG, Cheng Xu					
STANISZ, Greg J						
CHENG, Hai-Ling M LOBAUGH, Nancy J MORSHEAD, Cindi M		\$149,851		MPI	4 Yr(s)	
Sunnybrook Health Sciences Centre						
In-vivo monitoring of neural recovery following stem-cell therapies in an animal model of stroke						
TONE, Andrea						
McGill University		\$50,570		HUP	3 Yr(s)	
Cold war psychiatry in Quebec: The promises and perils of the new psychopharmacology						
TRUANT, Ray						
McMaster University		\$108,640		CBM	5 Yr(s)	
Investigating the potential of a membrane association signal in the huntingtin protein as a new drug target for Huntington's Disease						
VARIN, France BEAULIEU, Pierre DROLET, Pierre	LABBE, Line	\$93,853		PS	1 Yr(s)	
Université de Montréal						
Pharmacometrics of local anesthetics during peripheral nerve blocks in experimental and clinical settings						

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Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
WEISS, Samuel						
University of Calgary		\$139,730		NSB	5 Yr(s)	
Neurogenesis by central nervous system stem cells						
WELLS, Samantha L						
Centre for Addiction and Mental Health (Toronto)	GRAHAM, Kathryn (Kate) M / TREMBLAY,	\$57,704		PSD	3 Yr(s)	
Centre for Addiction and Mental Health Foundation	Paul F					
The development and validation of a multidimensional inventory measuring attitudes toward male-to-male alcohol-related aggression						
YAN, Jun						
University of Calgary		\$112,515		BSA	5 Yr(s)	
Cholinergic mechanisms for early development and the learning-induced neural plasticity of the auditory cortex: Role of muscarinic acetylcholine receptor Subtypes	t					

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Updated: 10/09/2007

Primary Institute: Nutrition, Metabolism and Diabetes / Nutrition, métabolisme et diabète

Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
ALTOSAAR, Illimar						
University of Ottawa	BLAIS, David R /	\$70,648		NUT	4 Yr(s)	
Fate and function of breast milk and recombinant human CD14 at mammary and newborn gastrointestinal mucosal epithelia	MACK, David R					
ANDERSON, Gerald H						
University of Toronto	DE SOUZA, Mary Jane /	\$104,219		NUT	3 Yr(s)	
Food intake control in children	PENCHARZ, Paul B / THOMAS, Scott G					
ANINI, Younes						
Dalhousie University (Nova Scotia)		\$94,415		E	3 Yr(s)	
Posttranslational processing of proghrelin and role of ghrelin and obestatin in the endocrine pancreas						
BONEN, Arend						
University of Guelph	GRAHAM, Terrence E	\$118,081		MOV	4 Yr(s)	
Role of PGC-1 in exercise-mediated insulin sensitivity						
BONNARDEAUX, Alain B						
Université de Montréal	MORGAN, Kenneth	\$134,936		EM	3 Yr(s)	
Hôpital Maisonneuve-Rosemont (Montréal)						
Genetic basis of hypercalciuria						
BRUBAKER, Patricia L						
University of Toronto		\$115,902		E	5 Yr(s)	
Interactions between glucagon-like peptide-2 and the intestinal insulin-like growth factors in the regulation of intestinal growth						

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Updated: 10/09/2007

Primary Institute: Nutrition, Metabolism and Diabetes / Nutrition, métabolisme et diabète

Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
CHURCHILL, Thomas A						
University of Alberta Alleviating intestinal ischemia-reperfusion injury: Application to organ transplantation	BIGAM, David L / MADSEN, Karen L	\$108,696		ЕМ	3 Yr(s)	
CYBULSKY, Andrey V						
McGill University Activation of glomerular epithelial cells by complement		\$106,076		EM	5 Yr(s)	
DRUCKER, Daniel J						
Mount Sinai Hospital (Toronto) Samuel Lunenfeld Research Institute (Toronto) Elucidating the role of GIP in glucose homeostasis)	\$111,393		M	5 Yr(s)	
EISENBERG, Mark J Sir Mortimer B. Davis Jewish General Hospital-Mtl Conding outcomes in national with matchedia	FILION, Kristian B / GENEST, Jacques Jr. / JOSEPH, Lawrence /	\$56,408		KTE	2 Yr(s)	
Cardiac outcomes in patients with metabolic syndrome: A systematic review and hierarchical Bayesian meta-analysis	PILOTE, Louise / POIRIER, Paul / RINFRET, Stéphane / SCHIFFRIN, Ernesto L					
GALLO-PAYET, Nicole						
Université de Sherbrooke		\$126,046		E	5 Yr(s)	
Rôle et mécanismes d'action de l'hormone ACTH dans la régulation de sécrétion de l'aldostérone et des glucocorticoïdes dans la glande surrénale						

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Updated: 10/09/2007

Primary Institute: Nutrition, Metabolism and Diabetes / Nutrition, métabolisme et diabète

Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
KENNEDY, Christopher R						
Ottawa Health Research Institute		\$110,721		EM	5 Yr(s)	
Function of prostaglandin EP receptor Subtypes in glomerular disease						
KNOLL, Gregory FERGUSSON, Dean A	AKBARI, Ayub /	\$46,180		HSI	5 Yr(s)	
Ottawa Health Research Institute Novel markers to improve the detection of declining kidney function	CANTAROVICH, Marcelo / GILL, John S / GOURISHANKAR, Sita / KIBERD, Bryce A / LEPAGE, Nathalie / MUIRHEAD, Norman / PRASAD, G.V. R / RAMSAY, Timothy O / TIBBLES, Lee Anne / TRELEAVEN, Darin J / WHITE, Christine A					
LAM, Tony K						
University Health Network (Toronto) Metabolic impact of small intestinal nutrient sensing		\$81,290		M	3 Yr(s)	
LEAR, Scott A						
Simon Fraser University (Burnaby, B.C.) Multicultural community health assessment trial (M-CHAT): A longitudinal study of body fat distribution and cardiovascular risk in four ethnic populations	BIRMINGHAM, C. Laird / FROHLICH, Jiri J / HUMPHRIES, Karin H / MANCINI, G. B. J	\$151,469		NUT	4 Yr(s)	

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Primary Institute: Nutrition, Metabolism and Diabetes / Nutrition, métabolisme et diabète

Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
LEVY, Emile						
Hôpital Sainte-Justine (Montréal)		\$95,630		NUT	4 Yr(s)	
Physiological basis of abnormal lipid transport in CFTR-deficient enterocytes: A mechanism explaining the persistent intestinal malabsorption in cystic fibrosis		φ,σ,σσσ			11(0)	
LEWIS, Gary F						
University Health Network (Toronto)		\$108,692		M	5 Yr(s)	
Determining the mechanism of intestinal and hepatic lipoprotein overproduction in insulin resistance						
LIGHT, Peter E						
University of Alberta		\$111,813		M	3 Yr(s)	
Fat metabolism and the control of islet excitability: Implications for Type 2 Diabetes						
MARETTE, André						
Université Laval	BEAUCHEMIN, Nicole /	\$123,030		M	5 Yr(s)	
Metabolic functions of the PTPase SHP-1 in insulin target tissues	SIMINOVITCH, Katherine A					
MOITESSIER, Nicolas R						
McGill University		\$49,500		PS	2 Yr(s)	
Improvement of FITTED for the virtual screening, synthesis and biological evaluation of covalent reversible inhibitors of POP, a prolyl-specific peptidase implicated in Alzheimer's disease						

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Updated: 10/09/2007

Primary Institute: Nutrition, Metabolism and Diabetes / Nutrition, métabolisme et diabète

Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
PICARD, Frédéric						
Université Laval		\$97,988		BCA	3 Yr(s)	
Hôpital Laval (Québec)						
Molecular tuning of adipocyte biology by nuclear cofactors upon aging						
PROUD, Christopher G						
University of British Columbia		\$108,700		BMB	5 Yr(s)	
Control, function and organisation of the translation initiation factor complex eIF2B, a key regulator of protein synthesis in health and disease						
ROSE, Christopher						
Université de Montréal		\$67,168		EM	4 Yr(s)	
Centre Hosp. de l'Université de Montréal (CHUM)						
Studies of the role of protein tyrosine nitration in the pathogenesis of encephalopathy in chronic liver failure						
SANTOS, Manuela M						
Centre Hosp. de l'Université de Montréal (CHUM)		\$110,643		EM	5 Yr(s)	
Iron metabolism and immune system interactions						

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Primary Institute: Nutrition, Metabolism and Diabetes / Nutrition, métabolisme et diabète

Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
SIMPSON, Scot H JOHNSON, Jeffrey A MAJUMDAR, Sumit R		\$69,497		HSR	2 Yr(s)	
University of Alberta The safety and effectiveness of thiazolidinediones in relation to other oral treatment options for management of Type 2 Diabetes: A population-based analysis						
TAYLOR, Jennifer P VEUGELERS, Paul J University of Prince Edward Island (Charlottetown) A comprehensive evaluation of healthy eating policies in Prince Edward Island elementary schools	GRAY, Robert J / MACLELLAN, Deborah L / MCKENNA, Mary L	\$128,229		NUT	5 Yr(s)	
VANCE, Jean E University of Alberta Lipid transport and metabolism in neurons and glial cells	CAMPENOT, Robert B / VANCE, Dennis E	\$132,520		М	5 Yr(s)	
VOHL, Marie-Claude Université Laval A study of Candidate genes for obesity-related metabolic complications derived from expression profiling of visceral adipose tissue	DESHAIES, Yves / PÉRUSSE, Louis / TCHERNOF, André	\$166,354		POP	3 Yr(s)	
VOHL, Marie-Claude Université Laval Effect of the PPAR-alpha L162V polymorphism on the metabolic response to n-3 polyunsaturated fatty acid supplementation	COUTURE, Patrick / LEMIEUX, Simone	\$70,440		NUT	3 Yr(s)	

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Updated: 10/09/2007

Primary Institute: Nutrition, Metabolism and Diabetes / Nutrition, métabolisme et diabète

Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
WEILER, Hope A						
McGill University Vitamin D dose-response study to establish dietary requirements in infants	RODD, Celia J	\$132,883		NUT	3 Yr(s)	

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Updated: 10/09/2007

Primary Institute: Population and Public Health / Santé publique et des populations

Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
DONNELLY, Tam T						
University of Calgary	LAI, Daniel W /	\$48,529		PSB	2 Yr(s)	
Contextual factors affecting HIV/AIDS treatment and prevention amongst recent immigrants from endemic countries	SCHNEE, Paul / WORTHINGTON, Catherine A	\$10,3 <i>2</i> 7		- ~ -	(*)	
LEVESQUE, Linda E						
Queen's University (Kingston, Ontario)	BROPHY, James M /	\$102,749		POP	2 Yr(s)	
Antithrombotic treatment intensity and the risk of hemorrhagic complications in the elderly: A population-based study	DASKALOPOULOU, Styliani / DENDUKURI, Nandini / MAYO, Nancy E					
O'DONNELL, Martin J						
YUSUF, Salim	GLADSTONE, David J /	\$114,879		POP	3 Yr(s)	Pending
McMaster University	KAPRAL, Moira K / OCZKOWSKI, Wieslaw J					
INTERSTROKE: Importance of conventional and emerging risk factors for stroke in different regions of the world and in different ethnic groups: A pilot case-control study	,					
RYDER, Andrew G NOH, Samuel	BAGBY, Robert M	\$128,850		PSB	3 Yr(s)	
Concordia University (Montreal, Quebec)	- ,	,		~-	(~/	
Centre for Addiction and Mental Health Foundation						
Somatic and psychological symptom focus in asian-Canadians: The role of cultural and individual differences in the psychopathology, assessment, and treatment of depression						

^{* &}quot;Research Institution" is displayed only when it is different from "Institution Paid".

^{**} PRC = Peer Review Committee. A legend to the committee codes appears at the end of this list.





Updated: 10/09/2007

Primary Institute: Population and Public Health / Santé publique et des populations

Principal Investigators Institution Paid Research Institution* Title	Co-Applicant(s)	Average Annual Operating Amount	Equipment	PRC**	Term	Status
SINDING, Christina GOULD, Judith A McMaster University Negotiating equity: Toward the elimination of disparities in cancer care	ARONSON, Jane / FITCH, Margaret I / HUDAK, Pamela L / KELLER-OLAMAN, Susan / LEARN, Linda / NELSON, Jennifer J / SUSSMAN, Jonathan / WIERNIKOWSKI, Jennifer A	\$80,676		HSR	4 Yr(s)	
TAMBLYN, Robyn M BUCKERIDGE, David L McGill University Automated syndromic surveillance: Validation of physician billing claims accuracy	CADIEUX, Genevieve / CARSLEY, John / JACQUES, André	\$64,357		POP	2 Yr(s)	
TREMLETT, Helen L University of British Columbia The maMS study. Malignancy and multiple sclerosis: Incidence and impact of beta-interferon treatment	BAJDIK, Christopher D / OGER, Joel J	\$43,457		PUB	2 Yr(s)	
WEN, Shi Wu Ottawa Health Research Institute Folic acid supplementation in early second trimester and the risk of preeclampsia	PERKINS, Sherry L / RODGER, Marc A / SMITH, Graeme N / WALKER, Mark C / YANG, Qiuying	\$131,363		PUB	3 Yr(s)	

^{* &}quot;Research Institution" is displayed only when it is different from "Institution Paid".

^{**} PRC = Peer Review Committee. A legend to the committee codes appears at the end of this list.





Peer Review Committees PRC Name

PRC	Name
ABH	Aboriginal Peoples' Health
BCA	Biological and Clinical Aspects of Aging
BMA	Biochemistry & Molecular Biology - A
BMB	Biochemistry & Molecular Biology - B
BME	Biomedical Engineering
BSA	Behavioural Sciences - A
BSB	Behavioural Sciences - B
BSC	Behavioural Sciences - C
CBM	Cell Biology & Mechanisms of Disease
CBT	Cancer Biology & Therapeutics
CHI	Children's Health
CIA	Clinical Investigation - A
CIB	Clinical Investigation - B
CP	Cell Physiology
CPT	Cancer Progression & Therapeutics
CSA	Cardiovascular System - A
CSB	Cardiovascular System - B
CSC	Cardiovascular System - C
DEV	Developmental Biology
DS	Dental Sciences
Е	Endocrinology
ELH	Health Ethics, Law & Humanities
EM	Experimental Medicine
G	Genetics
GMX	Genomics
GSH	Gender, Sex & Health
HPM	Health Policy & Systems Management Research
HSI	Health Services Evaluation and Interventions Research - B
HSR	Health Services Evaluation & Interventions Research - A
HUP	Humanities Perspectives on Health
ITA	Immunology and Transplantation - A
ITB	Immunology and Transplantation - B
KTE	Knowledge Translation & Exchange
M	Metabolism
MCC	Molecular & Cellular Biology of Cancer
MI	Microbiology & Infectious Diseases
MOV	Movement & Exercise

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^{**} PRC = Peer Review Committee. A legend to the committee codes appears at the end of this list.





Peer Review Committees PRC Name

MPI	Medical Physics & Imaging
NSA	Neurosciences - A
NSB	Neurosciences - B
NUT	Nutrition, Food & Health
PLC	Palliative & End of Life Care
POP	Public, Community & Population Health - A
PS	Pharmaceutical Sciences
PSB	Psychosocial, Sociocultural & Behavioural Determinants of Health - A
PSD	Psychosocial, Sociocultural and Behavioural Determinants of Health - B
PT	Pharmacology & Toxicology
PUB	Public, Community and Population Health - B
RS	Respiratory System
SDA	Social Dimensions in Aging
VVP	Virology & Viral Pathogenesis

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