

Congratulations to investigators and trainees associated with the CFRI research communities who received grants & awards in the period
May 2006 to October 2006

Laura Arbour, Medical Genetics/Genetics, \$86,800 ~ Canadian Institutes of Health Research ~ Project: Averting emerging chronic disease in northern population; \$411,222 ~ Canadian Institutes of Health Research ~ Project: The impact of long QT syndrome on First Nations people of Northern British Columbia: A community based research program

Jehannine Claire Austin, Psychiatry, \$7,500 ~ MSFHR: BC Mental Health and Addictions Research Network ~ Project: The MTHFR C667T polymorphism and postpartum mental illness in at-risk women

Ronald Barr, Pediatrics/Community Child Health, \$5000 ~ Community Care Foundation ~ Project: Translation of the period PURPLE crying intervention materials

Cornelius Boerkoel, Medical Genetics/Molecular Medicine & Therapeutics, \$105,462 ~ National Institutes of Health (US) ~ Project: A mouse model for Schimke immuno-osseous dysplasia

Jean-Pierre Chanoine, Pediatrics/Nutrition, \$335,280 ~ Canadian Institutes of Health Research ~ Project: Role of ghrelin and obestatin in postnatal endocrine and growth in the rat

Ada Chung, Pharmacology & Therapeutics/Cardiovascular Sciences, awarded a Michael Smith Foundation for Health Research Masters Trainee Fellowship Award (Supervisor: Casey Van Breemen)

Lorne Clarke, Medical Genetics/Molecular Medicine & Therapeutics, \$40,000 ~ Canadian Society for Mucopolysaccharide and Related Disorders ~ Project: Evaluation of heparin cofactor II-thrombin complex as a biomarker of MPS 1; \$22,408 ~ Genzyme Corporation ~ Project: A retrospective natural history study of ASM deficiency (Niemann-Pick Disease Types A & B); and, signed an agreement

with BioMarin Pharmaceutical (Canada) Inc. ~ Project: PKU004 thru PKU008 Phase 3, Multi-center, Open-Label Extension Study of Phenoptin in Subjects with Phenylketonuria who have Elevated Phenylalanine Levels

Arthur Cogswell, Pediatrics, \$1,118 ~ Sick Kids Foundation ~ Project: IICT: A Study of the Efficacy of Vasopressin in Pediatric Vasodilatory Shock

Jean-Paul Collet, Pediatrics/Healthcare Innovation & Improvement, \$2,500 ~ Canadian Institutes of Health Research ~ Project: RCT Mentoring Program Operating grant – Dr. Marie-Helene Mayrand

Mary Connolly, Pediatrics/Neurobiology & Mental Health, signed agreement with UCB Pharma Inc. ~ Project: A Double-blind, Randomized, Multi-center, Placebo-controlled, In-patient, Maximum 34 Day Study of Levetiracetam Oral Solution as Adjunctive Treatment of Refractory Partial Onset Seizures in Paediatric Epileptic Subjects; and, Project: A Multi-center Open-label, Long-term, Follow-up Study of the Safety and Efficacy of Levetiracetam in Children with Partial Onset Seizures

Marion Coulter-Mackie, Pediatrics/Genetics, \$220 ~ Calgary Regional Health Authority ~ Project: Molecular and biochemical genetics of type 1 hyperoxaluria

Jeffrey Davis, Pediatrics/Oncology, \$42,750 ~ Various Sources ~ Project: Matching funds - Multi-centered evaluation of forced-function Spinal Infection Safety System (SISS) in human subjects

Angela Devlin, Pediatrics/Nutrition, \$100,000 ~ BC Knowledge Development Fund ~ \$100,000 ~ Canadian Foundation for Innovation; and, \$31,661 ~ Child & Family Research Institute ~ Project: Nutritional Epigenomics Facility

Nancy Dos Santos, Pediatrics/Oncology, awarded a Royal Bank of Canada Career Development Award (Supervisor: Sandra Dunn)

Sandra Dunn, Pediatrics/Oncology, \$409,882 ~ National Cancer Institute of Canada ~ Project: Targeting the YB-1 pathway as a novel way of inhibiting the growth of basal-like breast cancer; and, \$70,000 ~ RBC Career Development Award Research Allowance – The role of PI3K/Akt/YB-1 in Her-2 overexpressing breast cancer: Identifying Therapeutic Targets to Enhance Herceptin Responsiveness

Jan Dutz, Medicine/Immunology, \$305,107 ~ Canadian Institutes of Health Research ~ Project: Tolerance induction by transcutaneous immunization through calcipotriol treated skin

Jan Friedman, Medical Genetics/Genetics, \$50,000 ~ Michael Smith Foundation for Health Research ~ Project: LOI: BC Clinical Genomics Network; and signed agreements with Army Medical Research Acquisition Activity ~ Project: National History of Plexiform Neurofibromatosis in NF1; and with the US Army ~ Project: Neurofibromatosis 1 in Old Age: International Interdisciplinary Analyses of the Issues

Anne George, Pediatrics/Community Child Health, \$297,239 ~ Canadian Institutes of Health Research ~ Project: Injury in British Columbia's Aboriginal Communities: Building Capacity while Developing Knowledge

Deborah Giaschi, Ophthalmology/Community Child Health, signed an agreement with BC Ministry of Children and Family Development ~ Project: Motion Processing in Children and Anisometric or Strabismic Amblyopia

Deanna Gibson, Pediatrics/Infectious & Inflammatory Diseases, awarded a Canadian Institutes for Health Research Postdoctoral Fellowship (Supervisor: Bruce Vallance)

Sanjoy Gosh, Pediatrics/Nutrition, awarded a Child & Family Research Institute Postdoctoral Fellowship Award (Supervisor: Sheila Innis)

Susan J Harris, Family Practice/Healthcare Innovation & Improvement, \$14,800 ~ BC Academic Health Council ~ Project: UBC Interprofessional Obstetrical Rotation on the Single Room Maternity Unit at BC Women's Hospital

Susan R Harris, Rehabilitation Services/Community Child Health, \$3,825 ~ Project: Evaluation of Two Modes of Training Community-Based PTs, OTs, Infant Development Workers and Nurses to Assess Neuromotor Development in Children 4 Months to 3 Years

Michael Hayden, Medical Genetics/Molecular Medicine & Therapeutics, \$100,000 ~ Huntington's Disease Society ~ Project: The Role of Huntington Phosphorylation on Serine 421 (pS421) in the Pathogenesis of HD; and signed an agreement with High Q Foundation ~ Project: HDSA Coalition for the Cure / TREAT HD

Alan Hill, Pediatrics/Clinical Investigation, \$9,000 ~ Donations for Health Sciences ~ Project: Jay Emery Paediatric Neurology Fund

Veronica Hirsch-Reinshagen, Pathology & Laboratory Medicine/Molecular Medicine & Therapeutics, awarded a Canadian Institutes of Health Research Postdoctoral Fellowship (Supervisor: Cheryl Wellington)

Liisa Holsti, Occupational Therapy/Community Child Health, signed an agreement with BC Ministry of Children and Family Development ~ Project: Initial validation of the behavioral indicators of infant pain

Jill Hoube, Pediatrics/Healthcare Innovation & Improvement, \$50,000 ~ BC Medical Services Foundation ~ Project: Identification of children with chronic health conditions in BC using administrative data

Kevan Jacobson, Pediatrics/Infectious & Inflammatory Diseases, \$960 ~ Hospital for Sick Children Research Institute ~ Project: IICT: Epidemiology of eosinophilic esophygritis in children and adolescents in Canada

James Jan, Pediatrics/Neurobiology & Mental Health, signed an agreement with Circa Dia BV ~ Project: Melatonin treatment of chronic sleep-wake disorders in multi-disabled children (2 to 18 years)

Patricia Janssen, Health Care & Epidemiology/Healthcare Innovation & Improvement, \$25,000 ~ Michael Smith Foundation for Health Research ~ Project: The Collaborative Research Group for Designing Safety Interventions for Individuals in Violent Relationships

Michael Klein, Family Practice/Community Child Health, \$100,000 ~ Michael Smith Foundation for Health Research ~ Project: Informed Decision Making: The interaction between sustainable maternity care services and community

Tobias Kollman, Pediatrics/Infections & Inflammatory Diseases ~ \$160,295 ~ National Institutes of Health (US) ~ Project: Immune Function and Biodefense in Children, Elderly and Immunocompromised Populations

Janine Kruit, Medical Genetics/Molecular Medicine & Therapeutics, awarded a Child & Family Research Institute Postdoctoral Fellowship Award (Supervisor: Michael Hayden)

Blair Leavitt, Medical Genetics/Molecular Medicine & Therapeutics, \$575 ~ Food and Drug Administration USA ~ Project: IICT: Double Blind Study of Minocycline in HD, the Domino Study; and, \$1,000 ~ Huntington Society of Canada ~ Project: Travel grant to attend Huntington related conference

Suzanne Lewis, Medical Genetics/Genetics, \$75,000 ~ Canadian Institutes of Health Research ~ Project: Redefining autism spectrum disorder: Correlations from genotype to phenotype and applications toward early identification, management and prevention; and, \$10,500 ~ Canadian Institutes of Health Research ~ Project: National epidemiologic database for the study of autism in Canada (NEDSAC) Phase II: refining approaches for prevalence and incidence determinations

Stuart MacLeod, Pediatrics/Healthcare Innovation & Improvement, \$72,340 ~ BC Academic Health Council ~ Project: Practice Education Renewal in Health Authorities Integrated Program Framework and Online Tools; and, \$50,000 ~ BC Academic Health Council ~ Project: Practice Education Quality and Infrastructure in Health Care Organizations: Indicators, Measures and Tools

Laura Magee, Medicine/Healthcare Innovation & Improvement, \$6,049 ~ BC Medical Services Foundation ~ Measuring quality of life in nausea and vomiting of pregnancy (NVP) assessment of the measurement properties of a new evaluation questionnaire

Louise Masse, Pediatrics/Community Child Health, \$37,500 ~ Michael Smith Foundation for Health Research ~ Project: Impact of nutrition and physical education policies on childhood obesity: understanding the implementation process and its impact on behavioral and weight outcomes

Douglas Matsell, Pediatrics/Reproductive Health, \$71,266 ~ National Institutes of Health (US) ~ Project: Center for pediatric stem/progenitor cell translational research

Daniel Metzger, Pediatrics/Diabetes, \$2,203 ~ National Institutes of Health (US) ~ Project: TrialNet Studies for the screening and staging of subjects at risk with Type 1 diabetes mellitus – Phase II

Anton Miller, Pediatrics/Community Child Health, \$10,000 ~ Canadian Institutes of Health Research ~ Project: Waiting for child development and rehabilitation services: an interdisciplinary and intersectoral workshop to address challenges and opportunities in wait-times and waitlist research and quality improvement

Steven Miller, Pediatrics/Neurobiology & Mental Health, \$125,000 ~ Michael Smith Foundation for Health Research ~ Project: Abnormal brain development in premature newborns: risk factors and neurodevelopmental outcome; \$120,000 ~ Canadian Institutes of Health Research ~ Project: Abnormal brain development in premature newborns: risk factors and neurodevelopmental outcome; and, \$6,000 ~ Canada Foundation for Innovation ~ Project: CFI Infrastructure Operating Funds

Deborah Money, Obstetrics & Gynecology/ Reproductive Health, signed an agreement with GlaxoSmithKline Inc. ~ Project: A phase III double-blind randomized controlled study to evaluate the safety immunogenicity and efficacy of GSK Biologicals' HPV-16/18 L1/AS04 vaccine administered intramuscularly according to a 3 dose schedule in healthy adult female subjects

Anne Mullin, Pathology & Laboratory Medicine/Diabetes, awarded a Child & Family Research Institute Postdoctoral Fellowship Award (Supervisor: Janet Chantler)

Shuko Murakami, Obstetrics & Gynecology/ Reproductive Health, awarded a Canadian Institutes of Health Research/Interdisciplinary Women's Reproductive Health Training Program Postdoctoral Fellowship (Supervisor: Colin MacCalman)

John O'Kusky, Pathology & Laboratory Medicine/Nutrition, signed an agreement with Berlex Biosciences ~ Project: SA: Sterological and Immunohistochemical Analysis of Spheramine Implants in Monkey and Rat Brain Tissue: Preliminary Study of Methods Feasibility

Catherine Pallen, Pediatrics/Oncology, \$120,000 ~ Cancer Research Society ~ Project: Cell Signaling Role of Metastasis-Associated Protein Tyrosine Phosphatase PRL-3

Ross Petty, Pediatrics/Infectious & Inflammatory Disease, signed an agreement with Immunex Corporation ~ Project: Phase IV Registry of Etanercept (Enbrel R) in Children with Juvenile Rheumatoid Arthritis

Mahmoud Pouladi, Medical Genetics/ Molecular Medicine & Therapeutics, awarded a Canadian Institutes of Health Research Doctoral Research Award (Supervisor: Michael Hayden)

Chris Reilly, Orthopedics/Clinical Investigation, \$90,625 ~ UBC Department of Pediatric Orthopedics ~ Project: Support for research program for the enhancement of research activities onsite

Paul Rogers, Pediatrics/Oncology, \$1,000 ~ Ontario Cancer Research Network ~ Project: IICT: A Phase II Study of Vinblastine Sulphate Injection in Children with Recurrent of Refractory Low Grade Glioma

Elizabeth Saewyc, Nursing/Community Child Health, \$743,751 ~ Canadian Institutes of Health Research ~ Project: Stigma and resilience among vulnerable youth consortium

Shubhayan Sanatani, Pediatrics/ Cardiovascular Sciences, \$111,420 ~ Heart and Stroke Foundation of BC ~ Project: A randomized, double-blind multi-centre study of antiarrhythmic medications in the treatment of infants with supraventricular tachycardia (SAMIS Trial)

Harley Sayyong, Pharmacology & Therapeutics/Cardiovascular Sciences, awarded a Michael Smith Foundation for Health Research Junior Graduate Studentship Award (Supervisor: Casey Van Breemen)

David Scheifele, Pediatrics/Infectious & Inflammatory Diseases, \$800,000 ~ Michael Smith Foundation for Health Research ~ Project: Vaccine Evaluation Centre research unit; \$83,775 ~ Vancouver Coastal Health Authority ~ Project: Vaccine Uptake Survey In 2 Year Old Children; signed an agreement with GlaxoSmithKline Inc, Sanofi Pasteur Limited and Merck Frosst Canada Ltd ~ Project: Planning an innovative network for vaccine epidemiology and vaccine clinical trial; and, signed an agreement with GlaxoSmithKline Inc ~ Project : A phase II open randomized comparative study to evaluate the immunogenicity and safety of GSK Biologicals MeMuRu-OKA and GSK Biologicals Priorix TM co-administered in separate injections with GSK Biological Varilrix TM

Kirk Schultz, Pediatrics/Oncology, signed an agreement with Food & Drug Administration, USA ~ Project: IICT: Phase III Trial of Hydroxychloroquine & Standard Therapy for Adults with Newly-Diagnosed Extensive Chronic Graft-vs-host Disease

Alicia Semaka, Medical Genetics/Molecular Medicine & Therapeutics, awarded a Canadian Institutes of Health Research Doctoral Research Award (Supervisor: Michael Hayden)

Harold Siden, Pediatrics/Community Child Health, \$4,815 ~ BC Child and Youth Health Research Network ~ Project: Parental and Professional Decision-making Regarding Benefits and Burdens of Interventions for Children with Life-Limiting Conditions

Roshni Singaraja, Medical Genetics/ Molecular Medicine & Therapeutics, awarded a Michael Smith Foundation for Health Research Postdoctoral Fellowship (Supervisor: Michael Hayden)

Peter Skippen, Pediatrics, signed an agreement with Edward Life Sciences LLC ~ Project: Clinical Evaluation of the PediaSat Oximetry Catheter in Pediatric Patients

Poul Sorensen, Pathology & Laboratory Medicine/Oncology, \$700,535 ~ National Cancer Institute of Canada ~ Project: Studies into the tumor suppressor activity of the HACE1 E3 ubiquitin-protein ligase; and \$609,550 ~ Canadian Institutes of Health Research ~ Project: Transformation pathways of oncogenic ETV6-NTRK3 tyrosine kinase

Paul Steinbok, Surgery/Neurobiology & Mental Health, signed an agreement with Codman & Shurtleff Inc ~ Project: A registry for comparing catheter-related infection rates among various shunt system in the treatment of hydrocephalus

Richard Stokes, Pediatrics/Infectious & Inflammatory Diseases, \$10,000 ~ TB Veteran's Charitable Foundation ~ Project: Identification and characterization of virulence genes from mycobacterium tuberculosis; \$60,000 ~ BC Lung Association ~ Project: Identification of genes involved in the survival and replication of mycobacterium tuberculosis in macrophages; \$40,000 ~ Canadian Institutes of Health Research ~ Project: Identifying the mechanisms used by macrophages to kill intracellular Mycobacterium tuberculosis; and, \$297,440 ~ Canadian Institutes of Health Research ~ Project: Innate immunity against tuberculosis: Role of mycobacterial surface molecules in determining the host response

Rusung Tan, Pathology & Laboratory Medicine/Immunology, \$105,000 ~ Canadian Institutes of Health Research ~ Project: Beta cell regeneration for diabetes

Stuart Turvey, Pediatrics/Infectious & Inflammatory Diseases, \$15,000 ~ BC Innovation Council ~ Project: Identification of TLR5 Antagonists; \$25,000 ~ Michael Smith Foundation for Health Research ~ Project: BC Team to Study Origins of Asthma and Allergy; and, awarded a Canadian Child Health Clinician Scientist Program New Investigator Award

Bruce Verchere, Pathology & Laboratory Medicine/Diabetes, \$795,747 ~ Canadian Institutes of Health Research ~ Project: Prolonged protection of islet allografts by inhibition of beta cell apoptosis; \$105,000 ~ Canadian Institutes of Health Research ~ Project: Beta cell regeneration for diabetes; and, awarded a Michael Smith Foundation for Health Research Senior Scholar Award – Targeting the beta cell for diabetes therapy

Wyeth Wasserman, Medical Genetics/ Molecular Medicine & Therapeutics, \$18,750 ~ Canadian Foundation for Innovation ~ Project: CFI Infrastructure Operating Fund

Margaret Weiss, Psychiatry/Neurobiology & Mental Health, \$99,402 ~ Canadian Institutes of Health Research ~ Project: IICT: Working Memory and Inattention: A Potential Phenotypical Indicator of Attention Deficit Hyperactivity Disorder

Awards list compiled by Angela Seldner, Research & Education Services, Child & Family Research Institute