

Congratulations to members of the CFRI research communities who received grants & awards in the period **June 2005 to September 2005**

**Laura Arbour**, Medical Genetics/Genetics, \$5,404 ~ Axcan Pharma Inc. ~ Project: PBC and Other Autoimmune Liver Disease in First Nations and American Indians of the Pacific Northwest

**Kristy A. Armstrong**, Health Care & Epidemiology/Health Innovation & Improvement, awarded a Michael Smith Foundation for Health Research Junior Graduate Studentship Award (Supervisor: Craig Mitton)

**Ronald Barr**, Pediatrics/Community Child Health Research, signed an agreement with the BC Ministry of Children and Family Development ~ Project: Preventing Shaken Baby Syndrome and Infant Abuse: The Period of Purple Crying Program; and \$485,730 ~ Canadian Institutes of Health Research ~ Project: 'Food for thought': Caregiving determinants of infant memory

**Rollin Brant**, Statistics/Community Child Health Research, \$33,408 ~ Natural Sciences and Engineering Research Council ~ Project: Statistical designs and methods for assessing clinical measurement

**Karla L. Bretherick**, Medical Genetics/Reproductive Health, awarded a Canadian Institutes of Health Research/Child & Family Research Institute: Interdisciplinary Women's Reproductive Health Training Program Graduate Fellowship (Supervisor: Wendy P. Robinson)

**Lee-Ann Burgess**, Pediatrics/Infectious & Inflammatory Diseases, awarded a Canadian Cystic Fibrosis Foundation Summer Studentship (Supervisor: David Speert)

**David Cabral**, Pediatrics/Infectious & Inflammatory Diseases, \$10,338 ~ Canadian Institutes of Health Research ~ Project: IICT: Steroid-induced Osteoporosis in the Pediatric Population – Canadian Incidence Study (STOPP-CIS); and \$17,450 ~ Wegener's Granulomatosis Association ~ Project: A pilot project towards establishment of a US/Canadian diagnostic registry with Wegener's Granulomatosis and related vasculitides

**Julei C. Chen**, Obstetrics/Reproductive Health, awarded a Canadian Institutes of Health Research/Child & Family Research Institute: Interdisciplinary Women's Reproductive Health Training Program Graduate Fellowship (Supervisor: Colin MacCalman)

**Shirley C. Chen**, Pediatrics/Oncology Research Program, awarded a Michael Smith Foundation for Health Research Junior Graduate Studentship Award (Supervisor: Catherine Pallen)

**Jung Hye Choi**, Obstetrics/Reproductive Health, awarded a Canadian Institutes of Health Research/Child & Family Research Institute: Interdisciplinary Women's Reproductive Health Training Program Graduate Fellowship (Supervisor: Peter Leung)

**Elaine Chong**, Pharmaceutical Sciences, awarded a Canadian Institutes of Health Research Postdoctoral Fellowship (Supervisor: Mary Ensom)

**Lorne Clarke**, Medical Genetics/Molecular Medicine & Therapeutics, \$10,000 ~ Genzyme Corporation ~ Project: Serum BioMarkers of Mucopolysaccharidosis

**Elizabeth Conibear**, Medical Genetics/Molecular Medicine & Therapeutics, \$50,000 ~ Michael Smith Foundation for Health Research: Matching Establishment Grant ~ Project: Protein and lipid transport in health and disease: molecular mechanisms of endocytic sorting

**Mary Connolly**, Pediatrics/Neurobiology & Mental Health, signed agreements with UCB Pharma, Inc. ~ Project: A Double-blind, Randomized, Multicenter, Placebo-controlled, Inpatient, 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, \$218,349 ~ Canadian Institutes of Health Research ~ Project: Biochemical consequences of missense: protein mis-folding, instability, and altered co-factor binding, AGT as a model enzyme

**Douglas Courtemanche**, Surgery, \$10,000 ~ Department of Surgery ~ Project: A Comparative Study of Three Different Methods of Resident Assessment

**Michelle Demos**, Medical Genetics, awarded an Epilepsy Canada Fellowship award (Supervisor: Laura Arbour)

**Adele Diamond**, Psychiatry/Neurobiology & Mental Health, \$166,740 ~ BC Knowledge Development Fund; \$166,740 ~ Canada Foundation for Innovation: Canada Research Chairs Infrastructure Fund; and \$20,000 ~ Dean of Medicine: Spring Start-Up Funds ~ Project: Developmental Cognitive Neuroscience Laboratory

**Jan Dutz**, Medicine/Immunology, \$74,976 ~ Canadian Diabetes Association ~ Project: Toll like receptors in type 1 diabetes mellitus; \$20,000 ~ Canadian Dermatology Foundation ~ Project: Optimizing vaccine efficiency through the topical use of immunomodulators; \$151,800 ~ Juvenile Diabetes Foundation ~ Project: Beta-cell apoptosis and autoimmunity network (b-CAAN); and \$9,819 ~ 3m Pharmaceuticals ~ Project: Cellular Immune Response to a topical immune modulator

**Ruth Elwood Martin**, Family Practice, \$5,000 ~ Canadian Institutes of Health Research ~ Project: Improving the health of drug dependent prison inmates: multi-disciplinary participatory action research involving women in the British Columbia provincial correctional system

**Mary Ensom**, Pharmaceutical Sciences, \$285,363 ~ Canadian Institutes of Health Research ~ Project: Pharmacogenetics of mycophenolate in thoracic transplant recipients: role of UDP-glucuronosyltransferase genetic polymorphisms

**Mitra Esfandiarei**, Pharmacology and Therapeutics/Cardiovascular Sciences, awarded a Canadian Diabetes Association Research Fellowship (Supervisor: Casey Van Breeman)

**Kevin Farrell**, Pediatrics/Neurobiology & Mental Health, signed an agreement with The Wadsworth Foundation ~ Project: Comprehensive Multinational Study of Pediatric Multiple Sclerosis

**Leigh Field**, Medical Genetics/Genetics, \$75,000 ~ Canadian Diabetes Association ~ Project: Linkage disequilibrium genome screen for type 1 diabetes genes

**Jan Friedman**, Medical Genetics/Genetics, \$5,000 ~ Canadian Institutes of Health Research ~ Project: LOI - Identifying human mutations that cause mental retardation; and \$10,000 ~ Canadian Institutes of Health Research ~ Project: Identifying human mutations that cause mental retardation

**Anne George**, Pediatrics/Community Child Health Research, \$9,000 ~ Michael Smith Foundation for Health Research: Research Unit Infrastructure Support Program ~ Project: Longitudinal follow-up of the Vancouver Island pregnancy study ~ Project: Vancouver Study

**William Gibson**, Medical Genetics/Molecular Medicine & Therapeutics, awarded a Canadian Institutes of Health Research Clinical Investigatorship Award

**Leslie Grad**, Medical Genetics/Molecular Medicine & Therapeutics, awarded a Child & Family Research Institute Postdoctoral Fellowship (Supervisor: Elizabeth Conibear)

**Ruth Eckstein Grunau**, Pediatrics/Community Child Health Research, \$123,750 ~ National Institutes of Health (US) ~ Project: Pain in preterm infants: Development & Effects

**Stefan Grzybowski**, Family Practice/Reproductive Health, \$144,000 ~ Vancouver Coastal Health Research Institute ~ Project: Centre for Rural Health Research; and \$42,000 ~ Michael Smith Foundation for Health Research ~ Project: BC rural and remote health research network

**Geoffrey Hammond**, Obstetrics/Reproductive Health, \$658,830 ~ Canadian Institutes of Health Research ~ Project: Corticosteroid-binding Globulin: Programmed regulator of glucocorticoid action during development and disease

**Sara Helen A. Harbord**, Medical Genetics/Reproductive Health, awarded a Canadian Institutes of Health Research/Child & Family Research Institute: Interdisciplinary Women's Reproductive Health Training Program Graduate Fellowship (Supervisor: Wendy Robinson)

**Susan Harris**, Rehabilitation Sciences, \$11,627 ~ Canadian Breast Cancer Research Alliance ~ Project: Effects of pilates exercises on shoulder ROM, pain, mood and upper extremity function in women living with breast cancer: A pilot study

**Michael Hayden**, Medical Genetics/Molecular Medicine & Therapeutics, signed agreements with: High Q Foundation ~ Project: TREAT-HD: Translational Research on Excitotoxicity to Accelerate Therapies for Huntington's Disease (Scientific Proof of Concept Studies) (SPOC Studies with Ilya Bezprozvanny) (SPOC Studies – HTT Phosphorylation); Schering-Plough Research Institute ~ Project: SA: Study of Tissue from Npc 1/1 Mice; and Xenon Pharmaceuticals Inc. ~ Project: LPL Gene Therapy for LPL Deficiency; \$65,000 ~ Canadian Gene Cure Foundation ~ Project: Genotype-Specific Approached to Therapy in Childhood (GATC); \$164,885 ~ Spastic Paraplegia Foundation, Inc. ~ Project: Revealing the mechanisms underlying ALS2, a form of hereditary spastic paraplegia, using ALS2 -/- Mice; \$757,905 ~ Canadian Institutes of Health Research ~ Project: Tissue-specific contributions to functions of ABCA1 and \$323,723 ~ Canadian Institutes of Health Research ~ Project: Genetic discrimination in mutation carriers identified through predictive genetic testing for Huntington disease

**Audrey Ho**, Psychiatry, \$4,942 ~ UBC Vice-President Research ~ Project: Non-epileptic Seizure: Retrospective and Prospective Evaluation of an Assessment-Treatment Protocol for Children and Youths

**Shannan J. Ho Sui**, Medical Genetics/Molecular Medicine & Therapeutics, awarded a Michael Smith Foundation for Health Research Senior Graduate Studentship Award (Supervisor: Wyeth Wasserman)

**R. Morrison Hurley**, Pediatrics, signed an agreement with National Institutes of Health (US) ~ Project: IICT: A Double-Blind Randomized Trail of Steroid Withdrawal in Sirolimus and Cyclosporine-Treated Primary Transplant Recipients

**Eileen Hutton**, Family Practice/Health Innovation & Improvement, \$25,000 ~ Michael Smith Foundation for Health Research ~ Project: The early external cephalic version 2 trial; and \$25,000 ~ Department of Family Practice ~ Project: Division of Midwifery: Investigator establishment award

**Sheila Innis**, Pediatrics/Nutrition Research Program, \$400 ~ Bio-Rad Laboratories (Canada) Inc.; \$5,000 ~ Waters Ltd. ~ Project: Metabolomic and Proteomic Advances in Nutrition Research Symposium; and \$10,000 ~ Canadian Institutes of Health Research ~ Project: Essential lipids in neonatal brain development and function

**Kevan Jacobson**, Pediatrics/Nutrition Research Program, \$135,750 ~ Natural Sciences and Engineering Research Council ~ Project: Dietary effects on intestinal epithelial barrier function

**Patricia Janssen**, Health Care & Epidemiology/Health Innovation & Improvement, \$44,864 ~ Hospital for Sick Children's Foundation ~ Project: Can maternal acupuncture for chemically dependent pregnant women reduce severity of neonatal abstinence syndrome?; and \$4,355 ~ UBC Vice-President Research ~ Project: Prevalence of anxiety disorders in the perinatal period

**Mohammed A. Khan**, Pediatrics/Infectious & Inflammatory Diseases, awarded a Canadian Institutes of Health Research Postdoctoral Fellowship (Supervisor: Bruce Vallance)

**Michael S. Kobor**, Medical Genetics/Molecular Medicine & Therapeutics, signed an agreement with Merck Frosst Canada Inc. ~ Project: Chromatin Remodeling; and awarded a Michael Smith Foundation for Health Research Scholar Award

**Blair Leavitt**, Medical Genetics/Molecular Medicine and Therapeutics, signed an agreement with High Q Foundation ~ Project: TREAT-HD: Translational Research on Excitotoxicity to Accelerate Therapies for Huntington's Disease (Activities from Sept/04 to Mar/05) (Scientific Proof of Concept Studies); ~ Project: TREAT-HD: Testing of Experimental Therapeutics in Transgenic Model of HD: Trials in Mouse Models of HD; ~ Project: TREAT-HD: Integral Common Services for TREAT-HD Research Unit and Project: Searching for Biomarkers in Huntington Disease using a Proteomic Analysis of Cerebrospinal Fluid (the UBC HD BIOMARKERS study); \$65,000 ~ Networks of Centres of Excellence/Canadian Genetic Diseases Network: Research ~ Project: Mouse prion

initiative; and \$125,000 ~ Networks of Centres of Excellence/Canadian Genetic Diseases Network: Research ~ Project: Global transcription analyses of molecular pathways underlying neurodegenerative diseases

**Suzanne Lewis**, Medical Genetics/Genetics, awarded a Michael Smith Foundation for Health Research Scholar Award; and \$14,250 ~ Canadian Institutes of Health Research ~ Project: Strategic Training Program in Autism Spectrum Disorders

**Colin MacCalman**, Obstetrics/Reproductive Health, \$280,426 ~ Canadian Institutes of Health Research ~ Project: Structure, function and regulation of the cadherin-11 complex in the human placenta

**Ying MacNab**, Healthcare & Epidemiology/Health Innovation & Improvement, \$65,000 ~ Natural Sciences and Engineering Research Council ~ Project: Statistical methods for disease mapping, disease surveillance, population health studies and health services research

**Stuart MacLeod**, Pediatrics/Health Innovation & Improvement, \$78,340 ~ British Columbia Academic Health Council ~ Project: Practice Education Renewal in Health Authorities Integrated Framework and Online Tools

**Lucy Marzban**, Pathology & Laboratory Medicine/Diabetes Research Program, awarded a Juvenile Diabetes Research Foundation International Postdoctoral Fellowship (Supervisor: Bruce Verchere)

**Anton Miller**, Pediatrics/Community Child Health Research, \$7,500 ~ Michael Smith Foundation for Health Research ~ Project: Proposal Development Grant – Finding integrative solutions to service needs of children and youth with chronic disabilities

**Craig Mitton**, Health Care & Epidemiology/Health Innovation & Improvement, \$50,000 ~ UBC Start-up Funds ~ Project: UBCO Research Start-up

**Helen R. Nadel**, Radiology, signed an agreement with Bristol Myers Squibb Medical Imaging ~ Project: A Phase I-II, open-label, multicenter trial to determine the dosimetry and safety of Technetium Tc99m Sestamibi in pediatric subjects

**John O'Kusky**, Pathology/Nutrition Research Program, signed an agreement with Schering Ag ~ Project: SA: Histology, Immunohistochemistry and Electron Microscopy in Rat Brain

**Qin Ouyang**, Pathology/Diabetes Research Program, awarded a Juvenile Diabetes Research Foundation International Postdoctoral Fellowship (Supervisor: Rusung Tan)

**Ross Petty**, Pediatrics/Infectious & Inflammatory Diseases, \$381,000 ~ Arthritis Society ~ Project: 1000 Faces of Lupus

**Ian Pike**, Pediatrics/Community Child Health Research, signed agreements with the Ministry of Small Business and Economic Development ~ Project: British Columbia Injury Prevention Conference 2006, March 1-3 in Vancouver; and with the Northern Health Authority ~ Project: Northern Health Authority Agreement

**Julie Prendiville**, Pediatrics/Clinical Investigation, signed an agreement with AMGEN Canada Inc. ~ Project: Placebo-controlled multicenter study with Etanercept to determine safety and efficacy in pediatric subjects with plaque psoriasis (PEDS)

**Ying Qiao**, Pathology & Laboratory Medicine/Genetics, awarded a Bluma Tischler Postdoctoral Fellowship (Supervisor: Evica Rajcan-Separovic)

**Evica Rajcan-Separovic**, Pathology & Laboratory Medicine/Genetics, \$49,897 ~ British Columbia Medical Services Foundation ~ Project: Early diagnosis of genetic causes of intellectual disability in children using array comparative genomic hybridization

**Mohammad R. Rumi**, Pediatrics/Infectious & Inflammatory Diseases, awarded a Child and Family Research Institute Postdoctoral Fellowship (Supervisor: Bruce Vallance)

**Elizabeth Saewyc**, Nursing/Community Child Health Research, \$3,259 ~ National Institutes of Health (US) ~ Project: Enacted Stigma: Gender & risk behaviors of school youth; \$15,000 ~ UBC School of Nursing ~ Project: School of Nursing Research Discretionary Fund; and \$5,000 ~ Canadian Institutes of Health Research ~ Project: Stigma and resilience among vulnerable youth consortium

**Bonita Sawatzky**, Orthopaedics/Clinical Investigation, \$4,000 ~ Canadian Institutes of Health Research ~ Project: An Evaluation of the Relevance, Feasibility and Validity of Web-based Data Collection for Children; and \$5,820 ~ Rick Hansen Man in Motion Foundation ~ Project: Wheelchair satisfaction in individuals with spinal cord injuries

**David Scheifele**, Pediatrics/Infectious & Inflammatory Diseases, \$25,400 ~ Integrated Healthcare Communication Inc.; \$15,000 ~ ID Biomedical ~ Project: Planning an innovative network for vaccine epidemiology and vaccine clinical trials; \$106,910 ~ Sanofi Pasteur Limited ~ Project: A Study of the Persistence of Humoral and Cellular Immunity to Vaccine Antigens in Children Presenting for Booster Vaccination at 4-5 Years of Age

**Jeff Schultz**, Pediatrics/Nutrition Research Program, awarded a Michael Smith Foundation for Health Research Junior Graduate Studentship Award (Supervisor: Sheila Innis)

**Kirk Schultz**, Pediatrics/Oncology Research Program, signed an agreement with National Heart, Lung and Blood Institute ~ Project: PBMTIC Chair – Reengineering the Clinical Research Enterprise: Feasibility of Integrating and Expanding Clinical Trials Networks

**Harold Siden**, Pediatrics/Community Child Health Research, \$4,974 ~ UBC Vice-President Research ~ Project: An analysis of patient and family flow in pediatric palliative care

**Roshni Singaraja**, Medical Genetics/Molecular Medicine & Therapeutics, awarded a Heart & Stroke Foundation Canada Research Fellowship (Supervisor: Michael Hayden)

**Avash Singh**, Pediatrics/Clinical Investigation, signed an agreement with Inhibitex Inc. ~ Project: A phase III, randomized, double-blind, multicenter clinical trial comparing the safety and efficacy of Veronate vs placebo for the prevention of nosocomial staphylococcal sepsis in premature infants (birth weight 500-1250g)

**David Speert**, Pediatrics/Infectious & Inflammatory Diseases, \$233,502 ~ Canadian Cystic Fibrosis Foundation ~ Project: Virulence of Burkholderia cepacia bacteria in cystic fibrosis: the role of microbial surface determinants; signed an agreement with University of Alberta ~ Project: Study comparing BCSA to OFPBL and PCA for the selection of Burkholderia cepacia from respiratory secretions from patients with cystic fibrosis; and \$658,791 ~ Canadian Institutes of Health Research ~ Project: The role of innate phagocytic immunity in defense against bacterial infection in humans

**Shelagh Szabo**, Health Care & Epidemiology/Health Innovation & Improvement, awarded a Michael Smith Foundation for Health Research Junior Graduate Studentship Award (Supervisor: Patricia Janssen)

**Rusung Tan**, Pathology/Diabetes Research Program, \$568,741 ~ National Institutes of Health (US) ~ Project: Detecting beta cell specific T cells in type 1 diabetes; and \$71,600 ~ Canadian Diabetes Association ~ Project: Mechanism of autoimmune regulation by natural killer cells

**Lori Tucker**, Pediatrics/Community Child Health Research, \$33,000 ~ McGill University ~ Project: ICT: New Onset Juvenile Idiopathic Arthritis: A Canadian Multi-Centre Collaborative Outcomes Study

**Bruce Verchere**, Pathology & Laboratory Medicine/Diabetes Research Program, \$74,765 ~ Canadian Diabetes Association ~ Project: Islet amyloid and beta cell apoptosis; and \$25,000 ~ Canadian Institutes of Health Research ~ Project: Design and Synthesis of Drugs to Treat Alzheimer Disease by Reduction of Serum Amyloid Protein and Amyloid Deposits

**Jiadi Wan**, Obstetrics/Reproductive Health, awarded a Canadian Institutes of Health Research/Child & Family Research Institute: Interdisciplinary Women's Reproductive Health Training Program Graduate Fellowship (Supervisor: Colin MacCalman)

**Margaret Weiss**, Psychiatry/Neurobiology & Mental Health, signed an agreement with Eli Lilly & Company, US. ~ Project: Atomoxetine treatment of adults with ADHD and comorbid alcohol abuse: A randomized placebo-controlled trial; \$10,000 ~ Shire Biochem Inc. ~ Project: Unrestricted Educational Grant for adult ADHD; and \$15,000, ~ Canadian ADHD Resource Alliance ~ Project: Research Development in ADHD

**Cheryl Wellington**, Pathology/Molecular Medicine & Therapeutics, \$110,181 ~ Heart & Stroke Foundation ~ Project: ABCG1, HDL metabolism, and atherosclerosis

**Colin White**, Pediatrics, signed an agreement with National Institutes of Health (US) ~ Project: ICT: Chronic Kidney Disease in Children

Awards list compiled by Lin Miada, Research & Education Services, BC Research Institute for Children's & Women's Health