

BC Research Institute for Children's & Women's Health

Grants & Awards June–October 2004

Congratulations to members of the BCRICWH research communities who received grants & awards during the period **June 2004 to October 2004**.

Mark Ansermino, Anesthesia/Health Innovation & Improvement, \$60,000 ~ Canadian Anesthesiologists' Society ~ Project: Intelligent Anesthesia Navigator (IAN): a system for enhancing clinical vigilance

Robert Armstrong, Pediatrics/Community Child Health Research, signed an agreement with Health Canada ~ Project: Protecting our Future: How Selected OECD countries govern environmental health threats to children

Draga Barbaric, Pediatrics/Oncology, awarded the Greg and Laura Norman Research Fellowship from the National Childhood Cancer Foundation (Supervisor: Paul Rogers)

Ronald Barr, Pediatrics/Community Child Health Research, \$206,868 ~ Doris Duke Charitable Foundation ~ Project: Preventing Shaken Baby Syndrome and Infant Abuse: The Period of PURPLE Crying Program; and signed an agreement with Abbott Laboratories ~ Project: SA: Effect of a Soy-Based Formula on Infant Behavior

Vagn Bonnevie-Nielsen, Pathology/Diabetes, \$66,942 ~ National Institutes of Health (US) ~ Project: Role of antiviral defense in autoimmune Type 1 diabetes

Karla Bretherick, Medical Genetics/Reproductive Health, awarded a Canadian Institutes of Health Research/BC Research Institute for Children & Women's Health Interdisciplinary Women's Reproductive Health Training Program Graduate Studentship (Supervisor: Wendy Robinson)

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

Bruce Carleton, Pharmaceutical Sciences/Health Innovation & Improvement, signed an agreement with Health Canada ~ Project: Evaluation of best practices for channeling

drug benefits to patients with greater needs; and \$95,000 ~ David Collins Dawson Endowment Fund ~ Project: Genotype – Specific Approaches to Therapy in Childhood (GATC)

Jean-Pierre Chanoine, Pediatrics/Nutrition, \$37,100 ~ Prader-Willi Syndrome Association USA ~ Project: Effect of Somatostatin on Ghrelin concentrations, food seeking behavior and weight in patients with PWS; \$18,750 ~ Canadian Diabetes Association ~ Project: Effect of Gestational Diabetes on the Regulation of Ghrelin in the Feto-Maternal Unit: A study in Animals and Humans; awarded a Novo Nordisk ESPE Research Fellowship Award; and signed an agreement with Novartis Pharmaceuticals of Canada Inc ~ Project: A randomized, multicentre, double-blind trial of SandostatinR LAR Depot (40 mg) versus saline-control in the treatment of pediatric Hypothalamic Obesity

Ada Chung, Pharmacology and Therapeutics/Cardiovascular Sciences, awarded a Heart and Stroke Foundation of BC and Yukon Postdoctoral Fellowship (Supervisor: Casey Van Breemen)

Keith Choi, Obstetrics & Gynecology/Reproductive Health, \$22,400 ~ Canadian Foundation for Women's Health ~ Project: Ovarian cell function and the interference of environmental endocrine disruptors

Elizabeth Conibear, Medical Genetics/Molecular Medicine and Therapeutics, \$125,000 ~ BC Knowledge Development Fund; \$125,000 ~ Canadian Foundation for Innovation: New Opportunities; and \$17,007 ~ BC Research Institute for Children & Women's Health ~ Project: Laboratory for Genome-wide phenotypic screening in yeast; and \$75,000 ~ Michael Smith Foundation for Health Research Establishment Grant ~ Project: Protein and Lipid Transport in Health and Disease: Molecular Mechanisms of Endocytic Sorting

Marion Coulter-Mackie, Pediatrics/Genetics, \$22,439 ~ Garrod Association of Canada ~ Project: New tools for investigating the role of the vitamin B6/PLP cofactor in alanine: glyoxylate aminotransferase; and \$15,000 ~ VP Research Discretionary Research Fund ~ Project: UBC CIHR Interim Award

Donald Davidson, Pediatrics/Infectious & Inflammatory Diseases, awarded a Canadian Cystic Fibrosis Foundation Fellowship (Supervisor: David Speert)

Simon Dobson, Pediatrics/Infectious & Inflammatory Diseases ~ signed an agreement with GlaxoSmithKline ~ Project: A double-blind randomized study to compare between groups, in healthy HSV seronegative adolescent subjects, the humoral and cellular immune response and the reactogenicity of herpes simplex candidate vaccines containing gD (10ug or 20ug) aL; and signed an agreement with Chiron Corporation ~ Project: A phase II, randomized, open-label, controlled, multicenter study to evaluate the safety, immunogenicity and induction of immunological memory after 2 or 3 doses of Chiron meningococcal ACWY conjugate vaccine administered to healthy infants

Sandra Dunn, Pediatrics/Oncology, \$30,000 ~ Western Economic Diversification Canada ~ Project: Screening Methods for Agents that Reduce Drug Resistance

Nichole Fairbrother, Health Care & Epidemiology/Health Innovation & Improvement, awarded a Canadian Institutes of Health Research/BC Research Institute for Children & Women's Health Interdisciplinary Women's Reproductive Health Training Program Postdoctoral Fellowship (Supervisor: Patricia Janssen)

Deborah Giaschi, Ophthalmology/Neurobiology & Mental Health, \$19,450 ~ BC Ministry of Children and Family Development ~ Project: The Neurobiology and Genetics of Temporal Processing Deficits in Dyslexia

Stefan Grzybowski, Family Practice, \$157,006 ~ Canadian Institutes of Health Research ~ Project: Responding to rural communities: Building a program of research in maternity care; and \$25,000 ~ Michael Smith Foundation for Health Research ~ Primary care research infrastructure

Brendan Haigh, Medical Genetics/Molecular Medicine and Therapeutics, awarded a BC Research Institute for Children & Women's Health BM Hoffmeister Fellowship Postdoctoral Award (Supervisor: Michael Hayden)

Susan Harris, Rehabilitation Sciences, \$8,280 ~ BC Ministry of Children and Family Development/Human Early Learning Program ~ Project: The relationship of breastfeeding to cognitive and motor development in children under two years of age; and \$5,000 ~ Earl and Jennie Lohn Foundation ~ Project: Identifying and translating the exercise needs of breast cancer survivors

Eric Hassall, Pediatrics, signed an agreement with AstraZeneca Canada Inc ~ Project: Evaluation of Safety of PPI in Children

Michael Hayden, Medical Genetics/Molecular Medicine and Therapeutics, \$12,954 ~ Heart and Stroke Foundation of British Columbia and Yukon ~ Project: The Molecular Mechanisms Underlying the Improved Lipoprotein Profile of LPLS447X and its use for the Treatment of Lipoprotein Lipase Deficiency; and signed an agreement with Merck Frosst Canada Inc ~ Project: Chronic Obstructive Pulmonary Disease

David Haley, Pediatrics/Community Child Health Research, BC Ministry of Children and Family Development/Human Early Learning Program Post-Doctoral Fellowship Award ~ Project: (Supervisor: Ruth Eckstein Grunau)

Eileen Hutton, Family Practice/Health Innovation & Improvement, \$200,000 ~ Canadian Institutes of Health Research; and \$74,982 ~ Michael Smith Foundation for Health Research: Establishment Grant ~ Project: The early external cephalic version 2 trial

David Israel, Pediatrics/Infectious & Inflammatory Diseases, \$25,600 ~ Crohn's and Colitis Foundation of Canada ~ Project: CCFC – IBD Burden of Disease

Kevan Jacobson, Pediatrics/Infectious & Inflammatory Diseases, \$104,259 ~ Crohn's and Colitis Foundation of Canada ~ Project: Response of neuroendocrine cells to intestinal inflammation

Patricia Janssen, Health Care & Epidemiology/Health Innovation & Improvement, \$3,700 ~ Canadian Institutes for Health Research ~ Project: Workshop

Douglas Kibblewhite, Surgery, signed an agreement with Porex Surgical Inc ~ Project: CRA: Pilot study of the influence of nasal septum on facial development on the rabbit model

Anne Klassen, Pediatrics/Community Child Health Research, \$225,146 ~ National Cancer Institute of Canada Research Grant ~ Project: Parents of children with cancer: a study of factors related to their psychological well-being

Christian Klausen, Obstetrics & Gynecology/Reproductive Health awarded a Canadian Institutes of Health/BC Research Institute for Children and Women's Health Interdisciplinary Women's Reproductive Health Training Program Postdoctoral Fellowship (Supervisor: Peter Leung)

Colin MacCalman, Obstetrics & Gynecology/Reproductive Health, \$10,000 ~ Canadian Institutes of Health Research ~ Project: Canadian trainee travel support for the 37th Annual meeting of the Society for the Study of Reproduction

Stuart MacLeod, Pediatrics/Health Innovation & Improvement, signed an agreement with Health Canada ~ Project: Fetal Alcohol Spectrum Disorder (FASD); and \$20,000 ~ Western Economic Diversification Canada ~ Project: KIDSCOUNT: The Child Health Measurement Collaboratory (CFI Proposal)

Ruth Martin, Family Practice, \$13,000 ~ Lloyd Jones Collins Foundation ~ Project: The heartbeat of family medicine: physicians tell their stories; \$3,000 ~ Lloyd Jones Collins Foundation ~ Project: Family medicine resident research project scholarship awards; and \$1,000 Various Sources ~ Project: Literature search on methadone treatment and prison recidivism

Anton Miller, Pediatrics/Community Child Health Research, \$48,580 ~ BC Medical Services Foundation ~ Project: Continuity of care for children and youth with chronic health condition in British Columbia: families' perspective

Deborah Money, Obstetrics & Gynecology/Reproductive Health, signed an agreement with Infection Diagnostic Inc (IDI) ~ Project: Group B Streptococcal Testing in Pregnancy; and signed an agreement with Boehringer Ingelheim (Canada) Ltd. ~ Project: An evaluation of the development of Nevirapine induced mutations in HIV patients initiating or discontinuing combination antiretroviral therapy

Shuko Murakami, Obstetrics & Gynecology/Reproductive Health, awarded a BC Research Institute for Children & Women's Health: Mining for Miracles Post-Doctoral Fellowship Award (Supervisor: Peter Leung)

John O'Kusky, Pathology/Nutrition, \$10,000 ~ Vancouver Coastal Health Authority ~ Project: Stereological assessment of the survival of human retinal pigmented epithelial cells implanted in a rodent model of Parkinson's Disease

Maureen O'Sullivan, Pathology/Oncology, \$50,000 ~ Department of Pathology ~ Project: Molecular characterization of a novel chromosomal translocation

Jan Ochnio, Pediatrics/Infectious & Inflammatory Diseases, signed an agreement with GlaxoSmithKline ~ Project: IICT: Hepatitis A Infection Rates in British Columbians: a Province-Wide Survey to Guide Future Use of Hepatitis A Vaccine

Lori Roxborough, Rehabilitation Sciences, \$21,321 ~ BC Medical Services Foundation ~ Project: Responsiveness of the Seated Postural Control Measure (SPCM)

Elizabeth Saewyc, Nursing/Community Child Health Research, awarded a Michael Smith Foundation for Health Research Scholar Award; \$75,000 ~ Michael Smith Foundation for Health Research ~ Project: Stigma, risk, and protective factors among vulnerable youth; and \$20,000 ~ Dean of Applied Science ~ Project: New faculty start up grant

Shubhayan Sanatani, Pediatrics/Cardiovascular Sciences, \$21,119 ~ BC Medical Services Foundation ~ Project: Effect on cerebral oxygenation of cardiac arrhythmias as studied in the electrophysiology laboratory

Bonita Sawatzky, Orthopedics, \$5,600 ~ BC Neurotrauma ~ Project: Shoulder pain and pathology in spinal cord injury

David Scheifele, Pediatrics/Infectious & Inflammatory Diseases, awarded a Canadian Institutes of Health Research/Wyeth Pharmaceuticals Research

Harold Siden, Pediatrics/Community Child Health Research, \$1,312,700 ~ Canadian Institutes of Health Research: New Emerging Team (NET) ~ Project: Transitions in pediatric palliative and end of life care

Graham Sinclair, Pediatrics/Genetics, awarded a Bluma Tischler Post Doctoral Fellowship (Supervisor: Hillary Vallance)

David Speert, Pediatrics/Infectious & Inflammatory Diseases, \$22,412 ~ National Centres of Excellence: Canadian Bacterial Diseases Network ~ Project: image analysis software/workstation

Richard Stokes, Pediatrics/Infectious & Inflammatory Diseases, \$18,399 ~ National Centres of Excellence/Canadian Bacterial Diseases Network ~ Project: Ultrasonic Processor Sonicator

Rusung Tan, Pathology/Diabetes Research Program, \$312,547 ~ National Institutes of Health Research (US) ~ Project: Detecting beta cell specific T Cells in type 1 diabetes; and \$104,587 ~ National Institutes of Health (US) ~ Project: Class 1 tetramers for analysis of T1D

Lori Tucker, Pediatrics, \$6,498 ~ National Institutes of Health (US) ~ Project: Guidelines for Steroids in Children with Lupus

Bruce Vallance, Pediatrics/Infectious & Inflammatory Diseases, \$370,020 ~ Crohn's and Colitis Foundation of Canada ~ Project: Mechanisms of Intestinal Susceptibility to Bacterial Pathogens: Implications for IBD; and \$75,000 ~ Michael Smith Foundation for Health Research ~ Project: Intestinal Innate Immunity: Recognition and Response to Enteric Bacterial Pathogens

Casey Van Breemen, Pharmacology and Therapeutics/Cardiovascular Sciences, \$103,740 ~ Heart and Stroke Foundation of British Columbia and Yukon ~ Project: Cellular mechanisms of vascular dysfunction in human diabetes; and signed an agreement with Cardiome Pharma Corporation ~ Project: Calcium oscillations in Vascular Smooth Muscle

Peter von Dadelszen, Obstetrics & Gynecology/Reproductive Health, \$321,986 ~ Canadian Institutes for Health Research/Rx&D ~ Project: A safety and efficacy trial of recombinant human activated protein C in both early-onset pre-eclampsia and severe postpartum pre-eclampsia

Wyeth Wasserman, Medical Genetics/Molecular Medicine and Therapeutics, \$124,996 ~ BC Knowledge Development Fund ~ Project: Gene regulation bioinformatics laboratory; \$124,995 ~ Canadian Foundation for Innovation; and \$74,929 ~ Michael Smith Foundation for Health Research ~ Project: Bioinformatics for the study of gene regulation

Margaret Weiss, Psychiatry/Neurobiology & Mental Health, signed an agreement with Purdue Pharma ~ Project: A randomized, double-blind, placebo-controlled, cross-over study of the safety and efficacy of controlled-release Methylphenidate in the treatment of adult attention deficit hyperactivity disorder

Cheryl Wellington, Pathology/Molecular Medicine and Therapeutics, \$239,926 ~ Alzheimer's Society of Canada ~ Project: ABCA1, Cholesterol and Alzheimer's Disease; \$123,834 ~ BC Knowledge Development Fund; and \$123,834 ~ Canadian Foundation for Innovation ~ Project: Novel therapeutic approaches toward cardiovascular disease and infertility

David Wensley, Pediatrics ~ signed an agreement with Janssen-Ortho Inc ~ Project: A multicenter, epidemiological, observational survey of the management of anemia in critically ill pediatric patients

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