

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

Grants & Awards November 2004–February 2005

Congratulations to members of the BCRICWH research communities who received grants & awards in the period **October 2004 to February 2005**

Nelly Auersperg, Obstetrics/Reproductive Health, \$16,000 ~ Western Economic Diversification Canada ~ Project: OGP – A Potential Serum Marker for Early Detection of Ovarian Cancer

Bruce Carleton, Pharmaceutical Sciences/Health Innovation & Improvement ~ signed an agreement with BC Ministry of Health ~ Project: Patient Survey on Hypertension Management

Lorlye Cender, Nursing, \$21,436 ~ Provincial Health Services Authority ~ Project: The impact of organizational characteristics on patient outcomes and patient/family/healthcare provider satisfaction

Janet Chantler, Pathology/Diabetes Research Program, \$239,436 ~ Canadian Institutes of Health Research ~ Project: A Coxsackievirus vector designed for use in gene therapy of Type 1 diabetes

Lorne Clarke, Medical Genetics/ Molecular Medicine and Therapeutics, \$35,000 ~ Canadian Society for Mucopolysaccharide & Related Diseases ~ Project: Proteomic and genomic approaches in MPS Disorders

Marie-France Delisle, Obstetrics and Gynaecology, \$1,500 ~ Sunnybrook Health Science Centre ~ Project: Early External Cephalic version 2 Trial (EECV2)

Angela Devlin, Pediatrics/Nutrition Research Program, \$106,000 ~ Hospital for Sick Children Foundation ~ Project: Exposure to hyperhomocysteinemia during development and epigenetic regulation of vascular gene expression; and \$157,300 ~ American Heart Association ~ Project: Diet, DNA Methylation and Vascular Gene Expression

Adele Diamond, Psychiatry/Neurobiology & Mental Health, awarded a Canadian Institutes of Health Research Canada Research Chair Tier I

Simon Dobson, Pediatrics/Infectious & Inflammatory Diseases ~ Signed an agreement with GlaxoSmithKline Inc. ~ Project: A double-blind, randomized, controlled study to evaluate the immunogenicity and safety of GSK Biologicals' herpes simplex candidate vaccine (gD2-AS04) in healthy HSV seronegative and seropositive female subjects aged 10-17 years

Sandra Dunn, Pediatrics/Oncology ~ Signed an agreement with QLT Inc. ~ Project: CRA: Small molecules inhibitors to ILK disrupt IGF-1R signaling for cancer therapy

Mary Ensom, Pharmaceutical Sciences, \$286,929 ~ Canadian Institutes of Health Research ~ Project: Pharmacogenetics of mycophenolate in thoracic transplant recipients: role of UDP-glucuronosyltransferase genetic polymorphisms

Jan Dutz, Medicine/Infectious & Inflammatory Diseases, \$40,896 ~ National Alopecia Areata Foundation (US) ~ Project: Screening for Cytotoxic T Lymphocyte Epitopes in Alopecia Areata

Ruth Elwood Martin, Family Practice, \$3,000 and \$13,000 ~ Lloyd Jones Collins Foundation ~ Project: Family medicine resident research project scholarship awards; and ~ Project: The heartbeat of family medicine: Family physicians tell their stories

Deborah Giaschi, Ophthalmology/Neurobiology & Mental Health, \$4,999 ~ BC Ministry of Children and Family Development HELP ~ Project: Cindy Ho: Low-level and high level motion processing in amblyopic children; and \$15,000 ~ UBC VP Research ~ Project: UBC CIHR Interim Awards

Ruth Eckstein Grunau, Pediatrics/Community Child Health Research, \$5,000 ~ BC Ministry of Children and Family Development HELP ~ Project: Julie Petrie-Thomas: Pain in preterm infants: Development and Effects;

and \$337,359 ~ Canadian Institutes of Health Research ~ Project: Biobehavioural Responses during immunization in preterm infants

Stefan Grzybowski, Family Practice/Reproductive Health, \$15,000 ~ VPR Research Development Fund ~ Project: Responding to rural communities

Geoffrey Hammond, Obstetrics/Reproductive Health, \$180,000 and \$2,300 ~ BC Ministry of Advanced Education, Training and Technologies ~ Project: Virtual Screening Lead Discovery of SHBG Antagonists

Michael Hayden, Medical Genetics/Molecular Medicine and Therapeutics, \$101,601 ~ Huntington's Disease Society of America ~ Project: Neuroprotective role of wild-type Huntingtin; \$101,601 ~ Huntington's Disease Society of America ~ Project: Proteolytic cleavage and the pathogenesis of Huntington's Disease; signed an agreement with Merck & Co., Inc. ~ Project: Deciphering the molecular and cellular events underlying Huntington's Disease; \$621,480 ~ Canadian Institutes of Health Research ~ Project: Tissue-specific contributions to functions of ABCA1; and \$323,724 ~ Canadian Institutes of Health Research ~ Project: Genetic discrimination in mutation carriers identified through predictive genetic testing for Huntington disease

Sheila Innis, Pediatrics/Nutrition Research Program ~ signed an agreement with Abbott Ross Laboratories ~ Project: SA: Effect of Dietary Carbohydrates on Brain Development and Behavior in Neonatal Rats; and \$15,000 ~ Canadian Foundation for Dietetic Research: Research Grant ~ Project: Optimizing dietary n-6/n-3 fatty acids for the Canadian Population

Blair Leavitt, Medical Genetics/Molecular Medicine and Therapeutics, \$43,990 ~ National Organization For Rare Disorders ~ Project: Identifying new genes causing spinocerebellar ataxias with an integrated clinical, molecular genetic and bioinformatics approach

Suzanne Lewis, Medical Genetics, awarded a 3 month Short Term Clinician Investigator Award

Maria Litvinova, Pathology & Laboratory Medicine, awarded the Russian Federation State Committee for Higher Education President Scholarship (Supervisor: Gillian Lockitch)

Stuart Macleod, Pediatrics/Health Innovation & Improvement, signed an agreement with Pfizer Canada Inc. ~ Project: Canadian Association for Population Therapeutics Annual Satellite Symposium 2005

Colin MacCalman, Obstetrics/Reproductive Health, \$297,381 ~ Canadian Institutes of Health Research ~ Project: Structure, function and regulation of the cadherin-11 complex in the human placenta

Anton Miller, Pediatrics/Community Child Health Research, \$30,000 ~ Faculty of Medicine Initiative ~ Project: Improving healthcare services for children with chronic health conditions in British Columbia

Ian Pike, Pediatrics/Community Child Health Research, signed an agreement with Interior Health Authority ~ Project: Interior Health Authority Youth Strategy

Evica Rajcan-Separovic, Pathology & Laboratory Medicine, awarded a Canadian Institutes of Health Research: Clinical Investigatorship Award and \$584,050 ~ Canadian Institutes of Health Research ~ Project: Improving the health of children with intellectual disabilities by early identification of genetic causes

George G.S. Sandor, Pediatrics/ Cardiovascular Sciences, signed an agreement with Pfizer Canada Inc. ~ Project: A randomized, double-blind, placebo controlled, dose ranging, parallel group study of oral Sildenafil in the treatment of children, aged 1-16 years with pulmonary arterial hypertension

David Scheifele, Pediatrics/Infectious & Inflammatory Diseases, \$9,999 ~ Health Canada ~ Project: CAIRE - Workshop

Erik Skarsgard, Surgery/Health Innovation & Improvement, \$8,500 ~ Department of Surgery: Concept Award ~ Project: Transamniotic strategies in fetal gene therapy

Peter Skippen, Pediatrics, \$8,000 ~ Canadian Institutes of Health Research: Institute of Human Development and Child/Youth ~ Project: Workshop for Canadian Pediatric Intensive Care Collaborative to Improve Patient Safety in the ICU

Poul Sorensen, Pathology & Laboratory Medicine/Oncology, \$347,292 ~ Canadian Institutes of Health Research ~ Project: Role of the IGF's and Type 1 IGF receptor in pediatric solid tumours; and \$658,790 ~ Canadian Institutes of Health Research ~ Project: The role of innate phagocytic immunity in defense against bacterial infection in humans

David Speert, Pediatrics/Infectious & Inflammatory Diseases, signed an agreement with Auburn University ~ Project: Study comparing BCSA to OFPBL and PCA for the selection of Burkholderia cepacia from respiratory secretions from patients with cystic fibrosis and \$658,790 ~ Canadian Institutes of Health Research ~ Project: The role of innate phagocytic immunity in defense against bacterial infection in humans

Richard Stokes, Pediatrics/Infectious & Inflammatory Diseases, \$48,984 ~ Canadian Institutes of Health Research ~ Project: Characterizing mutants of Mycobacterium tuberculosis that display enhanced binding to macrophages and reduced virulence: interaction with host cells and induction of immunity

Rusung Tan, Pathology/Diabetes Research Program, \$62,722 ~ Juvenile Diabetes Research Foundation International ~ Project: Direct visualization of self-reactive T cells in type 1 diabetes

Bruce Verchere, Pathology & Laboratory Medicine/Diabetes Research Program, \$7,500 ~ BC Advanced Education, Training & Technologies ~ Project: Production of Monoclonal Antibodies to the N-Terminus of Pro-IAPP

Margaret Weiss, Psychiatry/Neurobiology & Mental Health, signed agreements with Eli Lilly Canada Inc. ~ Project: A phase IIIb open label trial of Atomoxetine Hydrochloride to evaluate academic outcome in children ages 8 to 11 years with Attention-Deficit/Hyperactivity Disorder; with Shire Pharmaceutical Development Inc. ~ Project: Open-label, multi-center study to assess safety, tolerability and effectiveness associated with the use of ADDERALL XR in adults with ADHD disorder and evaluate an ADHD-specific novel quality of life measure; and with Eli Lilly Canada Inc. ~ Project: Provincial ADHD database education resource

Cheryl Wellington, Pathology/Molecular Medicine and Therapeutics, \$40,000 ~ Canadian Gene Cure Foundation ~ Project: ABCG1 and Down Syndrome

David Wensley, Pediatrics, \$28,500 ~ BC Medical Services Foundation ~ Project: Validation of severity illness scoring systems in pediatric intensive care units in Canada

Sandra Whitehouse, Pediatrics, \$212,166 ~ BC Ministry of Health ~ Project: Emergency Medicine Academic Funding 2003-2004; \$3,344 ~ Children's Hospital of Eastern Ontario ~ Project: Canadian Assessment of Tomography for Childhood Head Injury (CATCH Study); and \$53,123 ~ Children's Hospital of Eastern Ontario ~ Project: A randomized controlled trial of Recemic Epinephrine and Dexamethasone in Bronchiolitis

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