

## Innovation Grants

The WCHRI Innovation Grants competition is focused on studies that will lead to improved health outcomes for women and/or children. The awards offer \$50,000 in Operating Funds over a 24 month period.

The competition offers 2 application streams: 1) Project Grants and 2) Patient/Community Health Grants. Separate committees assess each application stream. The Innovation Grant Advisory committees are broadly composed of leading experts from the University of Alberta. Eligible applications are reviewed based on scientific merit and ethical acceptability.

The committees rated the applications based on scientific merit as evidenced in the candidate's track record, relevance to the WCHRI mandate and the research proposal. Where a previous Innovation Grant had been awarded, progress and outcomes were also considered by the reviewing advisory committee.

A listing of successful applications has been provided below. On behalf of WCHRI, Dr. Sandy Davidge, WCHRI Director, Dr. Jason Dyck, Chair of the Innovation Grant Advisory Committee (Project Stream), and Dr. Kathy Hegadoren, Chair of the Innovation Grant Advisory Committee (Patient Stream), we would like to congratulate the successful awardees and thank all of the applicants for the time and effort invested in their grant submission.

Finally, WCHRI would like to thank the Stollery Children's Hospital Foundation (SCHF) and the Royal Alexandra Hospital Foundation (RAHF) for their on-going commitment to the Women & Children's Health Research Institute.

### Listing of awardees

Principal Investigator	Project Title	Faculty - Department	Application Stream	Funded By
Brandwein, Joseph	Therapeutic use of siRNA via a nanoparticle delivery system to downregulate STAT5 expression in high-risk B cell acute lymphoblastic leukemia	Medicine & Dentistry-Medicine	Project	SCHF
Caine, Vera	Exploring discursive constructions of street involved, precariously housed pregnant and parenting women in health and social policy since the advent of harm reduction in Alberta	Nursing	Patient	RAHF

Dinu, Irina	Statistical methods for outcomes research of children after cardiac surgery for congenital heart disease	School of Public Health	Project	SCHF
Dyck, Jason	Pre-clinical model of juvenile doxorubicin-induced cardiotoxicity	Medicine & Dentistry-Pediatrics	Project	SCHF
El-Bialy, Tarek	Study the effect of therapeutic ultrasound on TMJ juvenile arthritis	Medicine & Dentistry-Dentistry	Project	SCHF
Glover, Mark	Development of inhibitors of the BRCA 1 BRCT domain	Medicine & Dentistry-Biochemistry	Project	RAHF
Graf, Daniel	Morphological characterization and molecular analysis of craniofacial abnormalities in Bmp7-deficient mice	Medicine & Dentistry-Dentistry	Project	SCHF
Hegadoren, Kathy	A research partnership to investigate domestic violence experienced by immigrant women	Nursing	Patient	RAHF
Hoglund, Wendy	Mental health in early childhood	Arts-Psychology	Patient	SCHF
Huynh, Hien	IDeaL: Infliximab dose to level pilot study	Medicine & Dentistry-Pediatrics	Project	SCHF
Kantor, Paul	Clinical and cellular correlates of pediatric heart remodeling	Medicine & Dentistry-Pediatrics	Patient	SCHF
Khoo, Nee	Impact of hypervolemia and increased afterload on tolerance to tachycardia at two early infancy developmental stages: a simultaneous invasive and noninvasive in vivo swine model	Medicine & Dentistry-Pediatrics	Project	SCHF
Lehmann, Ordan	Contribution of ciliary dysfunction to pediatric disease	Medicine & Dentistry-Medical Genetics	Project	SCHF
Lopaschuk, Gary	Acetylation control of glucose and fatty acid oxidation in the human newborn heart	Medicine & Dentistry-Pediatrics	Project	SCHF
MacMillan, Andrew	Investigation of the role of SF3b4 in disease	Medicine & Dentistry-Biochemistry	Project	SCHF
Morgan, Catherine	Multi-site NIRS in children after heart surgery; early prediction of low cardiac output syndrome and associated kidney injury	Medicine & Dentistry-Pediatrics	Project	SCHF

Persad, Sujata	Neuroprotective effects of sulforaphane on oxygen/glucose deprived neuronal & glial cells	Medicine & Dentistry- Pediatrics	Project	SCHF
Storey, Kate	Evaluating the impact of School's Out...Let's Move after school program on children's health and health equity	School of Public Health	Patient	SCHF
Ussher, John	An epigenetic metabolic footprint in pediatric obesity	Pharmacy & Pharmaceutical Sciences	Project	SCHF/ RAHF
Wiebe, Sandra	Longitudinal relations between physical activity and neurocognitive development in early childhood	Arts-Psychology	Patient	SCHF
Yokota, Toshifumi	Multi-exon skipping therapy for Duchenne muscular dystrophy	Medicine & Dentistry- Medical Genetics	Project	SCHF

For the 2015 Innovation Grant guidelines, please click [here](#).

### Application statistics

For the 2015 competition, the Innovation Grant Advisory Committees reviewed a total of 59 applications. WCHRI approved 15/44 grants (34.1%) for funding from the Project stream and 6/15 grants (40%) from the Patient stream . The overall success rate for this competition was 35.6%.

### Questions?

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