

## Innovation Grants - 2014

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.

This year, the Office of Development in the Faculty of Medicine & Dentistry (FoMD) negotiated a philanthropic donation from the Breast Cancer Society of Canada ([BCSC](http://www.bcscc.ca)) to support research in breast cancer.

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), Dr. Kathy Hegadoren, Chair of the Innovation Grant Advisory Committee (Patient Stream) and Dr. David Eisenstat, Chair of the WCHRI Breast Cancer Society of Canada Innovation 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), the Royal Alexandra Hospital Foundation (RAHF) and the Breast Cancer Society of Canada (BCSC) 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
Alexander, R. Todd	Kids kidney stone therapies: development of preclinical models	Medicine & Dentistry-Pediatrics	Project	SCHF
Berry, Fred	Transcriptional regulatory networks controlling somite formation	Medicine & Dentistry-Medical Genetics	Project	SCHF

Bourque, Stephane	Pre-clinical testing of resveratrol as an intervention for the programming of obesity by prenatal iron deficiency	Medicine & Dentistry-Obstetrics & Gynecology	Project	SCHF/RAHF
Brindley, David	Cytomegalovirus infection and its role in breast cancer	Medicine & Dentistry-Pediatrics	Breast Cancer	BCSC
Carson, Valerie	Parents' role in establishing healthy physical activity and sedentary behaviour habits in young children	Physical Education and Recreation	Patient	SCHF
Cordat, Emmanuelle	An animal model for understanding distal renal tubular acidosis	Medicine & Dentistry-Physiology	Project	SCHF
Eisenstat, David	Role of DLX transcription factors in enteric nervous system development: implications for Hirschsprung Disease	Medicine & Dentistry-Pediatrics	Project	SCHF
Elahi, Shokrollah	The immune pathogenesis of neonatal infection: relevant to digestive health	Medicine & Dentistry-Dentistry	Project	SCHF
Fliegel, Larry	Protein-protein interactions mediating metastasis in breast cancer cells	Physical Education and Recreation	Breast Cancer	BCSC
Hawkes, Michael	Development and validation of a humanized mouse model for the pre-clinical evaluation of vaccines against liver pathogens	Medicine & Dentistry-Pediatrics	Project	SCHF
Hitt, Mary	Preclinical studies of apoptosis induction for the treatment of granulosa cell tumors	Medicine & Dentistry-Oncology	Project	SCHF/RAHF
Hodgetts, Sandra	Disclosing their child's diagnosis of Autism Spectrum Disorder to others: family processes and perceived outcomes	Rehabilitation Medicine-Occupational Therapy	Patient	SCHF
Kingston, Dawn	Mental health of women and men seeking infertility treatment	Nursing	Patient	RAHF
Kozyrskyj, Anita	Association between early life fecal immune and metabolic biomarkers and overweight status at 3 years of age	Medicine & Dentistry-Pediatrics	Project	SCHF

Leng, Roger	Regulation of p53 in breast tumors	Medicine & Dentistry- Obstetrics & Gynecology	Breast Cancer	BCSC
Mackie, Andrew	Congenital Heart Adolescents Participating in Transition Evaluation Research: The CHAPTER III Study of Young Adolescents	Medicine & Dentistry-Pediatrics	Patient	SCHF
McDermid, Heather	Susceptibility genes in human neural tube defects	Science-Biological Sciences	Project	SCHF
Olson, David	Chemical identification of the uterine chemotactic factor for birth	Medicine & Dentistry-Obstetrics & Gynecology	Project	SCHF/RAHF
Rosychuk, Rhonda	Differences in emergency department visits for asthma: does sex matter?	Medicine & Dentistry-Pediatrics	Patient	SCHF/RAHF
Scott, Shannon	An arts-based knowledge translation tool for pediatric chronic pain	Nursing	Patient	SCHF
Underhill, Alan	Epigenetic signatures of breast cancer progression	Medicine & Dentistry- Medical Genetics	Breast Cancer	RAHF
Waskiewicz, Andrew	Integrated human and zebrafish studies of WNT signaling in pediatric ocular disease	Medicine & Dentistry- Ophthalmology	Project	SCHF

For the 2014 Innovation Grant guidelines, please click [here](#).

### Application statistics

For the 2014 competition, the Innovation Grant Advisory Committees reviewed a total of 48 applications. The committees recommended 12/31 grants (or 38.7%) for funding from the Project stream and 6/17 grants (or 35.3%) from the Patient stream for funding. The overall success rate for this competition was 36.7%.

For the 2014 competition, the Innovation Grant Advisory Committee – Breast Cancer Stream reviewed a total of 13 applications. The committees recommended 5/13 grants (or 38.5%) for funding.



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## Questions?

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