

Innovation Grants 2016

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.

This funding opportunity welcomes applications from all areas of research investigation relevant to the WCHRI vision, mission and strategic priorities. Applications are assessed by either the Innovation Grant Applied Health Advisory Committee or the Innovation Grant Biomedical Advisory Committee. The Innovation Grant Advisory Committees are broadly composed of leading experts from the University of Alberta.

Applications are rated based on scientific merit as evidenced in the candidate's track record, the research proposal and relevance to WCHRI.

A listing of successful applications has been provided below. On behalf of WCHRI, Dr. Sandy Davidge, WCHRI Director, Dr. Geoff Ball, Chair of the Innovation Grant Applied Health Advisory Committee and Dr. Alan Underhill, Chair of the Innovation Grant Biomedical Advisory Committee, and 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	Review Committee	Funded By
Berry, Tanya	Heart disease messages for women: information behaviour and effects on attitudes	Physical Education and Recreation	Applied Health	RAHF
Bruce, Aisha A.	Adolescents path through transplant sickle cell disease (ADaPTS)	Medicine & Dentistry-Pediatrics	Applied Health	SCHF
Caluseriu, Oana	From bench to bedside: functional characterization of a new immunodeficiency disorder in the Cree First Nations from northern Alberta	Medicine & Dentistry-Medical Genetics	Biomedical	SCHF
Clugston, Robin	The role of altered vitamin A (Retinoid) signalling in the development of congenital diaphragmatic hernia	Medicine & Dentistry-Physiology	Biomedical	SCHF

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Davenport, Margie	The impact of exercise and sedentary (sitting) time on cardiovascular risk during pregnancy	Physical Education and Recreation	Applied Health	RAHF
Eisenstat, David D.	Role of DLX transcription factors in regulation of insulin expression: implications for islet cell replacement therapies for diabetes	Medicine & Dentistry-Pediatrics	Biomedical	SCHF
Elahi, Shokrollah	The role of CD71+ erythroid cells in HIV pathogenesis in early life	Medicine & Dentistry-Dentistry and Dental Hygiene	Biomedical	Both
Greer, John James	Newborn respiratory control in a rat model of intrauterine growth restriction secondary to preeclampsia	Medicine & Dentistry-Physiology	Biomedical	SCHF
Haqq, Andrea M.	Assessing the impact of dietary protein on energy metabolism and appetite in children with Prader-Willi Syndrome: a pilot project	Medicine & Dentistry-Pediatrics	Applied Health	SCHF
Hornberger, Lisa K.	The impact of placental overexpression of vasoactive peptides on fetal cardiac form and function: Exploring a novel link between placental function and cardiac development in an in vivo murine model	Medicine & Dentistry-Pediatrics	Biomedical	SCHF
Huang, Vivian	Maternal immunosuppressive IBD medications may result in neonatal immune dysregulation	Medicine & Dentistry-Medicine	Biomedical	Both
Lou, Edmond H.M.	A customize 3D printed spinal braces for the treatment of adolescent idiopathic scoliosis	Medicine & Dentistry-Surgery	Applied Health	SCHF
Parent, Eric C.	Determining the immediate effect of scoliosis-specific 3D autocorrection exercises using 3D non-invasive ultrasound imaging	Rehabilitation Medicine-Physical Therapy	Applied Health	SCHF
Rasmussen, Carmen R.	Neurobehavioral outcomes of children with perinatal stroke	Medicine & Dentistry-Pediatrics	Applied Health	SCHF
Scott, Shannon D.	A digital knowledge translation tool for otitis media for Canadian and Pakistani parents	Nursing	Applied Health	SCHF
Waskiewicz, Andrew J.	Investigation of genetic causality of superior coloboma, a novel blinding birth defect	Science-Biological Sciences	Biomedical	SCHF

West, Lori J.	Thymectomy and consequences to the pediatric immune system: A large randomized study	Medicine & Dentistry-Pediatrics	Biomedical	SCHF
Yager, Jerome Y.	p-AMPK as the energy regulator in hypothermic neuroprotection: Timing is brain	Medicine & Dentistry-Pediatrics	Biomedical	SCHF
Yuan, Yan	Using statistical methods to study the relationships between fat and weight changes during pregnancy and early postpartum	School of Public Health	Applied Health	RAHF
Zhang, Dawei	Understanding the molecular mechanism of progressive familial intrahepatic cholestasis-2	Medicine & Dentistry-Pediatrics	Biomedical	SCHF

For the 2016 Innovation Grant guidelines, please click [here](#).

Application statistics

For the 2016 competition, the Innovation Grant Advisory Committees reviewed a total of 70 applications. WCHRI approved 9/24 applied health applications (37.5%) and 11/46 biomedical applications (23.9%).

The overall success rate for this competition was 28.6%.

Questions?

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