

Innovation Grants 2017

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 executive 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, 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 WCHRI. In addition to our on-going support from the SCHF and RAHF, WCHRI gratefully acknowledges the financial contribution made to this funding opportunity by CRINA (through a donation made by the Wild Pink Yonder) to support breast cancer research.

Listing of awardees

Principal Applicant/Awardee	Project Title	Institutional Sponsor	Review Committee	WCHRI Funder
Alexander, R Todd	Understanding why one child has inappropriately low calcium in her blood to help both her and other children with problems of calcium metabolism	Medicine & Dentistry-Pediatrics	Biomedical	SCHF
Ball, Geoff DC	Understanding and improving the scheduling of outpatient clinic appointments at the Stollery Children's Hospital	Medicine & Dentistry-Pediatrics	Applied Health/Community Health	SCHF
Berry, Fred B	Identifying causes of pediatric spine malformations	Medicine & Dentistry-Medical Genetics	Biomedical	SCHF
Brindley, David N	A new approach to treating breast cancer	Medicine & Dentistry-Biochemistry	Biomedical	RAHF/ CRINA (Wild Pink Yonder)
Bukola, Salami	Mental health of immigrant children in Canada	Nursing	Applied Health	SCHF
Casey, Joseph R	Developing a new therapy for blinding corneal dystrophies	Medicine & Dentistry-Biochemistry	Biomedical	SCHF
Field,	Fatty acid status and breast	Agriculture, Life &	Applied	RAHF/

Catherine J	cancer risk	Environmental Sciences- Agricultural, Food & Nutritional Science	Health/Community Health	CRINA (Wild Pink Yonder)
Fu, Yangxin	Role of Z1C2 in ovarian cancer	Medicine & Dentistry-Oncology	Biomedical	RAHF
Hartling, Lisa	A systematic review of the use of digital technology to reduce children's pain	Medicine & Dentistry-Pediatrics	Applied Health/Community Health	SCHF
Hawkes, Michael	New drugs to protect the brain in children with malaria	Medicine & Dentistry-Pediatrics	Biomedical	SCHF
Hemmings, Denise G	Study of factors to predict poor health during pregnancy	Medicine & Dentistry-Obstetrics & Gynecology	Biomedical	Both
Hitt, Mary M	Combination of a novel oncolytic virus with an apoptosis-inducer for the treatment of ovarian cancer	Medicine & Dentistry-Oncology	Biomedical	RAHF
Mackie, Andrew S	The transitioning rural adolescents to adult care (TRAAC) study	Medicine & Dentistry-Pediatrics	Applied Health/Community Health	SCHF
Pagliardini, Silvia	Novel approaches to treat sleep disordered breathing	Medicine & Dentistry-Physiology	Biomedical	SCHF
Pritchard-Wiart, Lesley	Are children with cerebral palsy at increased risk for health issues with their arteries that can lead to heart attack and stroke later in life?	Rehabilitation Medicine-Physical Therapy	Applied Health/Community Health	SCHF
Proctor, Spencer	Elevated remnant cholesterol promotes fat intolerance in overweight children and enhances early heart disease risk	Agriculture, Life & Environmental Sciences- Agricultural, Food & Nutritional Science	Applied Health/Community Health	SCHF
Richter, Magdalena	Interconnection of place, social relationships, income, culture and health of female immigrants in Canada	Nursing	Applied Health/Community Health	RAHF
Underhill, Alan	Visualizing the disease state in pediatric brain cancers	Medicine & Dentistry-Oncology	Biomedical	SCHF
Ussher, John Edward	Preventing heart disease in children with Barth Syndrome	Pharmacy and Pharmaceutical Sciences	Biomedical	SCHF
Walter, Jens	Gut microbiome in children with obesity and Prader-Willi Syndrome (PWS)	Agriculture, Life & Environmental Sciences- Agricultural, Food & Nutritional Science	Applied Health/Community Health	SCHF
Wevrick, Rachel	Identifying genes that are responsible for Tourette syndrome	Medicine & Dentistry-Medical Genetics	Biomedical	SCHF

Yokota, Toshifumi	Use of a cocktail of DNA-like molecules to treat a majority of patients with Duchenne muscular dystrophy	Medicine & Dentistry-Medical Genetics	Biomedical	SCHF
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View the [2017 Innovation Grant guidelines](#).

Application statistics

For the 2017 competition, the Innovation Grant advisory committees reviewed a total of 78 applications. WCHRI approved 9/28 applied health applications (32%) and 13/50 biomedical applications (26%).

The overall success rate for this competition was 28%.

Application statistics by faculty and department (funded/applied)

Agriculture, Life & Environmental Sciences-Agricultural, Food & Nutritional Science: 3/6
Arts-Women's and Gender Studies: 0/1
Engineering-Chemical and Materials Engineering: 0/1
Engineering-Biomedical Engineering: 0/1
Medicine & Dentistry-Biochemistry: 2/7
Medicine & Dentistry-Biomedical Engineering: 0/1
Medicine & Dentistry-Cell Biology: 0/1
Medicine & Dentistry-Dentistry and Dental Hygiene: 0/4
Medicine & Dentistry-Laboratory Medicine & Pathology: 0/6
Medicine & Dentistry-Medical Genetics: 3/5
Medicine & Dentistry-Medicine: 0/3
Medicine & Dentistry-Obstetrics & Gynecology: 1/2
Medicine & Dentistry-Oncology: 3/4
Medicine & Dentistry-Ophthalmology and Visual Sciences: 0/1
Medicine & Dentistry-Pediatrics: 5/18
Medicine & Dentistry-Physiology: 1/2
Medicine & Dentistry-Psychiatry: 0/1
Medicine & Dentistry-Radiology & Diagnostic Imaging: 0/4
Medicine & Dentistry-Surgery: 0/1
Nursing: 2/3
Pharmacy and Pharmaceutical Sciences:1/2
Public Health, School of :0/1
Rehabilitation Medicine-Physical Therapy: 1/3

Questions?

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