

Results of the 2020 Summer Studentship Competition

WCHRI Summer Studentship awards provide academically gifted young students an opportunity to participate in research related to women and children's health during the summer months. Students work on specific projects under the supervision of WCHRI academic members. This program aims to foster a new generation of researchers pursuing careers in women and children's health.

The WCHRI Summer Student award, valued at up to \$1,300 per month, is offered for the months of May to August. Incentive awards are offered to those who have been successful in obtaining both the WCHRI Summer Studentship award as well as another qualifying peer-reviewed summer studentship award.

A listing of the 2020 successful applicants is provided below. On behalf of WCHRI, Dr. Sandy Davidge, WCHRI executive director, and Dr. Lawrence Richer, WCHRI associate director, with Dr. Simon Gosgnach, chair, and Dr. Amit Bhavsar, co-chair of the Summer Studentship Grant Advisory Committee, we would like to congratulate the awardees and thank all of the applicants for the time and effort invested in their application.

WCHRI would like to acknowledge the ongoing commitment and generosity of the Stollery Children's Hospital Foundation (SCHF) and the Alberta Women's Health Foundation (AWHF) for their financial support of this award program. Additional program contributions were provided by the FoMD Studentship in Placental Research and the Biomedical Global Health Research Network (BGHRN).

Listing of awardees

Applicant	Supervisor	Institution	Project Title	WCHRI Funder
Anjum, Bushra	West, Lori	Medicine & Dentistry-Pediatrics	Sex, T cells and the microbiome: Development of natural ABO antibodies in a mouse model	SCHF
Bennett, Jessica	Godbout, Roseline	Medicine & Dentistry-Oncology	Understanding how DDX1 levels in neuroblastoma affect resistance to	SCHF
Chen, Jenelle	Davidge, Sandra	Medicine & Dentistry-Obstetrics & Gynecology	How maternal age impacts blood vessel function during pregnancy	AWHF/ SCHF
Evanchuk, Jenna	Field, Catherine J	Agriculture, Life & Environmental Sciences- Agricultural, Food & Nutritional Science	The contributions of milk and dairy intake on maternal, infant and child health	AWHF/ SCHF
Garcia-Hidalgo, Catalina	Schmolzer, Georg M	Medicine & Dentistry-Pediatrics	Using the RETAIN computer game to train healthcare providers in neonatal resuscitation	SCHF

George, Michael	Noga, Michelle L	Medicine & Dentistry-Radiology & Diagnostic Imaging	Computer aided pattern recognition in medical imaging: Application in the cardiac catheterization laboratory	SCHF
Goodkey, Kara	Voronova, Anastassia	Medicine & Dentistry-Medical Genetics	Contribution of abnormal white matter development to neurodevelopmental KGB syndrome	SCHF
He, Rose	Hornberger, Lisa K	Medicine & Dentistry-Pediatrics	Investigating the accuracy of fetal echocardiography in the diagnosis of heart defects before birth	AWHF/ SCHF
Kroetch, Kimberly	Rosychuk, Rhonda	Medicine & Dentistry-Pediatrics	How long does it take a child with asthma to go through different stages of the emergency department visit?	SCHF
Lee, Christy	Alexander, R Todd	Medicine & Dentistry-Pediatrics	Making an animal model of childhood low blood calcium levels to test new treatments	SCHF
Mah, Richard	Bourque, Stephane	Medicine & Dentistry-Anesthesiology & Pain Medicine	Investigating the effects of iron deficiency during pregnancy on antioxidant gene regulation in the newborn	AWHF/ SCHF with BGHRN
Morin, Sarah	Chui, Linda W	Medicine & Dentistry-Laboratory Medicine & Pathology	Investigating the accuracy of multiplex molecular panels in detecting gut pathogens in children	SCHF
Nguyen, Jasmine	Riddell, Meghan	Medicine & Dentistry-Obstetrics & Gynecology	The role of atypical protein kinase c in regulating the internalization of proteins in the human placenta	AWHF/ SCHF
Panidarapu, Sai	Lopaschuk, Gary D	Medicine & Dentistry-Pediatrics	Energy metabolism in the newborn heart with congenital heart defects	SCHF
Qiu, Steven	Funk, Gregory	Medicine & Dentistry-Physiology	The role of ATP degrading enzymes in the life-threatening depression of breathing that accompanies reductions in brain oxygen in prematurity	SCHF
Sayed, Tehzeeb	Lou, Edmond HM	Engineering-Electrical and Computer Engineering	Using bone quality to predict the progression of adolescent Idiopathic Scoliosis	SCHF
Sharma, Rishav	McBrien, Angela	Medicine & Dentistry-Pediatrics	A study to assess the frequency of other abnormalities in unborn babies diagnosed with Tetralogy of Fallot	SCHF
Shaw, Oriana	Yager, Jerome Y	Medicine & Dentistry-Pediatrics	Iron deficiency and stroke in infants and children with heart defects	SCHF

Strynadka, Morgan	Davenport, Margie	Kinesiology, Sport, and Recreation	Physical activity survey for women pregnant with multiple babies	AWHF
Sung, Hyelin	Scott, Shannon	Nursing	Evaluating a social media campaign for a parent educational video on childhood airway swelling	SCHF
Vu, Jennie	Oudit, Gavin	Medicine & Dentistry-Medicine	Sex-specific effects of an apelin-like drug in ameliorating cardiac damage after a heart attack	AWHF
Wong, Casey	Hocking, Jennifer	Medicine & Dentistry-Surgery	Using fish to understand a congenital eye disease	SCHF

Please refer to program guidelines for additional competition results information and awardee requirements.

Application statistics

Total eligible applications: 68
Total applications awarded: 22
Funding rate = 32.4%

Application statistics by faculty and department (funded/applied)

Agriculture, Life & Environmental Sciences-Agricultural, Food & Nutritional Science: 1/4
Arts-Psychology: 0/1
Augustana-Social Sciences: 0/1
Engineering-Electrical and Computer Engineering: 1/1
Kinesiology, Sport and Recreation: 1/1
Medicine & Dentistry-Anesthesiology & Pain Medicine: 1/1
Medicine & Dentistry-Biochemistry: 0/4
Medicine & Dentistry-Cell Biology: 0/1
Medicine & Dentistry-Dentistry and Dental Hygiene: 0/1
Medicine & Dentistry-Laboratory Medicine & Pathology: 1/3
Medicine & Dentistry-Medical Genetics: 1/2
Medicine & Dentistry-Medicine: 1/1
Medicine & Dentistry-Obstetrics and Gynecology: 2/7
Medicine & Dentistry-Oncology: 1/3
Medicine & Dentistry-Pediatrics: 8/22
Medicine & Dentistry-Pharmacology: 0/1
Medicine & Dentistry-Physiology: 1/3
Medicine & Dentistry-Radiology & Diagnostic Imaging: 1/1
Medicine & Dentistry-Surgery: 1/2
Nursing: 1/4
Pharmacy and Pharmaceutical Sciences: 0/1

School of Public Health: 0/2

Science-Biological Sciences:0/1

Questions?

Awardee questions

Michelle Bailleux

WCHRI grants administration

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Further information

WCHRI grants administration

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