

Results of the 2014 summer student 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 researchers. The program aims to foster a new generation of researchers to pursue careers in women and children's health.

The WCHRI Summer Student award, valued at up to \$1,300 per month is offered for the summer months of May to August. Incentive awards (of up to \$250 per month) are also available for those who have been successful in obtaining both the WCHRI Summer Student award as well as another peer-reviewed competitive summer studentship award.

On behalf of WCHRI, Dr. Sandra Davidge, Director, would like to thank the Stollery Children's Hospital Foundation and the Royal Alexandra Hospital Foundation for their ongoing financial commitment to this grant program.

We would like to congratulate this year's Summer Studentship awardees. The Offers of Award for the 2014 WCHRI Summer Studentship award are as follows:

Applicant Name	Supervisor	Faculty - Department	Project title
Andrews, Colin G	Pagliardini, Silvia	Medicine & Dentistry-Physiology	Recruitment of abdominal muscle activity and its contribution to ventilation in postnatal rats
Antony, Nikytha	Maclean, Joanna	Medicine & Dentistry-Medicine	Preterm birth, bronchopulmonary dysplasia and asthma in middle childhood
Arrotta, Nicholas P	Rowe, Brian	Medicine & Dentistry-Emergency Medicine	Pediatric Bicycling Injury Prevention Program: understanding helmet wearing and injury profiles
Aziz, Sarah	Tyrrell, Gregory	Medicine & Dentistry-Laboratory Medicine & Pathology	Identification of pertactin-deficient Bordetella pertussis isolates from clinical cases of pertussis in Alberta
Bal, Jasmine	Fedorak, Richard N.	Medicine & Dentistry-Gastroenterology	Improving knowledge regarding reproduction and pregnancy in inflammatory bowel disease: from bench to bedside
Bao, Bo	Yokota, Toshifumi	Medicine & Dentistry-Medical Genetics	Exons 45-55 multi-exon-skipping in a dystrophic mouse model of Duchenne Muscular Dystrophy
Cao, Amanda T	Hemmings, Denise G	Medicine & Dentistry – Obstetrics & Gynecology	Control of blood brain barrier and vascular tone in cerebral arteries by sphingosine 1-phosphate
Chu, Nathan	Funk, Gregory	Medicine & Dentistry-Physiology	The role of nucleoside transporters and adenosine in the hypoxic ventilatory response
Croden, Jennifer	Ross, Sue	Medicine & Dentistry – Obstetrics & Gynecology	Availability and marketing of over-the-counter remedies for menopause symptoms
Danesh, Ghazal	Pasdar, Manijeh	Science-Chemistry	Functional significance of P53-plakoglobin interactions in ovarian cancer
Ding, Fang C	Zwaigenbaum, Lonnie	Medicine & Dentistry-Medicine	Early behavioral markers of ASD: Novel risk classification using decision tree models.
Lissinna, Brittany	Yang, Jaynie	Rehabilitation Medicine-Physical Therapy	Motor learning on a split-belt treadmill in young children
Mandziuk, Jake J.	Casey, Joseph R.	Medicine & Dentistry-Biochemistry	Identification of small molecules as therapeutics for corneal dystrophies

Mansour, Yael	Bourque, Stephane	Medicine & Dentistry-Obstetrics & Gynecology	Cardiovascular consequences of prenatal iron deficiency: early mechanisms and therapeutics
Mian, Qaasim N.	Cheung, Po-Yin	Medicine & Dentistry-Pharmacology	Does positive pressure ventilation in preterm babies ventilated at birth cause brain injury?
Ou, Zhiyuan (Joe)	Wine, Eytan	Medicine & Dentistry-Physiology	Breaking the barrier: host-microbial interactions in pediatric inflammatory bowel diseases
Peat, Rebecca A.	Lopaschuk, Gary	Medicine & Dentistry-Pediatrics	Role of protein acetylation in controlling energy metabolism in the newborn heart
So, Iyla W	Field, Catherine J	Agriculture, Life & Environmental Sciences-Agricultural, Food & Nutritional Science	Effect of feeding a mixed choline diet on immune development during suckling
Suleman, Raheem	Vohra, Sunita	Medicine & Dentistry-Pediatrics	Pediatric Integrative Medicine (PIM) Trial: usual care in pediatric oncology
Sun, Doulin	Davidge, Sandy	Medicine & Dentistry – Obstetrics & Gynecology	Mechanism of resveratrol action to improve cardiovascular function of intrauterine growth restricted rate offspring on a high fat diet
Tiffinger, Alexandria	Waskiewicz, Andrew J	Science-Biological Sciences	Retinal Birth Defect Causality: the role of Growth Factor Bone Morphogenetic Protein 3
Young, Michelle A.	Lou, Edmond	Medicine & Dentistry-Pediatrics	Using 3D ultrasound images to guide insertion of pedicle screws during scoliosis surgery: a preliminary study

WCHRI summer studentship competition statistics

Total applications received: 58

Total applications awarded: 23

1 Application declined

Application Statistics by Faculty - Department Funded/Applied

Agriculture, Life & Environmental Sciences-Agricultural, Food & Nutritional Science: 1/3
Medicine & Dentistry-Laboratory Medicine & Pathology: 1/3
Medicine & Dentistry-Medical Genetics: 1/1
Medicine & Dentistry-Medicine: 2/5
Medicine & Dentistry-Obstetrics & Gynecology: 3/3
Medicine & Dentistry-Pediatrics: 3/10
Medicine & Dentistry-Physiology: 3/6
Medicine & Dentistry-Biochemistry: 1/3
Medicine & Dentistry-Dentistry: 0/1
Medicine & Dentistry-Emergency Medicine: 1/1
Medicine & Dentistry-Gastroenterology: 1/1
Medicine & Dentistry-Pharmacology: 1/1
Physical Education and Recreation: 0/2
Science-Biological Science: 2/8
Science-Chemistry: 1/2

Science-Psychology: 0/1
Nursing: 0/4
Rehabilitation Medicine-Physical Therapy: 1/1
Institute for Stuttering Treatment and Research: 1/1
Engineering-Biomedical Engineering: 0/1

For all inquiries please contact:

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