NOW ACCEPTING 2020 ACHRI SUMMER STUDENTSHIP APPLICATIONS

ACHRI Summer Studentships

We are pleased to OPEN applications for ACHRI Summer Studentship and BME-ACHRI Summer Studentship awards. The deadline is February 7 for students and February 14 for supervisors.

ACHRI summer students please apply using the UCalgary Central student application system. BME-ACHRI Undergraduate Research Funding may apply here.

The ACHRI Trainee Publication Award application deadline is February 14. More information here.

FORMER ACHRI SUMMER STUDENTS EMERGE AS YOUNG LEADERS
Wisoo Shin, MD-PhD student
Supervised by Dr. Jeff Biernaskie
Shin's career in medical science began when he was a summer student in Dr. William Brook's lab between 2013 and 2015 studying the expression of transcription factors and cell fate.

"As an ACHRI summer student I was given the opportunity to develop the necessary research skills and experiences in a lab to move forward to excel in graduate school."

Trevor Low, MD-PhD student
Supervised by Dr. Sean Dukelow
Low worked as a summer student in Dr. Brian Brooks' lab from 2014 to 2016 studying recovery from acquired brain injury and rehabilitation.

"ACHRI summer studentships are extremely rewarding opportunities and are crucial for the development of basic research skills. It helped me find what I'm passionate about and to continue researching."

**TRAINEE WORKSHOPS**

Presented in partnership with HBI REALISE. Enrolment is limited.

Feb. 7 9 am – 4 pm Building Professional Relationships
Feb. 27 9 am – 5 pm Resume Writing and Interview Preparation

Register by emailing achri.training@ucalgary.ca. Please provide your name, your supervisor's name, and level of training.

Learn about this program and other opportunities by visiting the ACHRI Weekly Training Post on the ACHRI website.

**GRANTS**
**CIHR Team Grant**

Dr. Marie-Claude Arrieta, PhD, is leading a CIHR Team Grant for the Canadian Microbiome Initiative.

The grant includes ACHRI PIs Drs. Gerald Giesbrecht, Laura Sycuro, and co-PIs Drs. Catherine Lebel, Jim Kellner, Lara Leijser and Belal Alshaikh. These researchers are investigating microbiome-asthma linkages in the highly vulnerable premature infant population using an established cohort that captures clinical and environmental exposures in a NICU.

**CIHR Knowledge Synthesis Grant**

Dr. Deborah Marshall, PhD, is leading a synthesis grant investigating the socio-economic burden of inherited disease.

ACHRI co-investigators include Drs. Susa Benseler, Francois Bernier, Gillian Currie and Marinka Twilt.

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**GRANT OPPORTUNITIES**

**Partnership for Research and Innovation in the Health System (PRIHS) Funding Opportunity**

The PRIHS competition, a partnership between Alberta Innovates and Alberta Health Services, provides a process to connect Alberta’s academic institutions with Strategic Clinical Networks (SCNs), patients, providers and leaders in AHS to translate research evidence into solutions that address priority health system challenges in Alberta.

**Deadlines:**
- Expression of Intent to SCNs: Feb. 21 4 pm
- Stage 1 Internal Deadline: May 20 4 pm
- Stage 2 Internal Deadline: Oct. 14 4 pm

If you are interested in applying please contact Clint Westgard chwestga@ucalgary.ca

**EVENTS, COURSES AND WORKSHOPS**

**Training on Ingenuity Pathway Analysis (IPA)**

Please join us for a training workshop on Ingenuity Pathway Analysis (IPA). This hands-on training session will focus on biological interpretation of gene
expression data (including RNA-seq).
Bring your laptop. Presented by the Centre for Health Genomics and Informatics.

Thursday, January 23, 2020
1 pm - 4 pm
Health Sciences 1460 (Library Computer Commons)
Instructor: Devendra Mistry, PhD, Field Applications Scientist, QIAGEN
Register by email to Carrie.Weston@qiagen.com

ACHRI CALENDAR OF EVENTS

Open to all investigators, clinicians, trainees and research staff, these events are supported by generous community donations through the Alberta Children's Hospital Foundation.

For additional details, please visit our website.

GRAND ROUNDS & LECTURES

Jan. 23 | Dr. Karen Benzies, PhD, RN
Child Health Research Rounds
8:30 am - 9:30 am ACH Conference Room 3
Effects of Alberta Family Integrated Care (FICare) on outcomes for moderate and late preterm infants and their mothers

Jan. 27 | Dr. Christina Tortorelli, PhD & Dr. Christopher Wilkes, MD
Developmental Neurosciences Grand Rounds
8:30 am - 9:30 am ACH Auditorium
Cannabis and youth post legalization

Jan. 30 | Dr. Jennifer Thompson, PhD
Child Health Research Rounds
8:30 am - 9:30 am ACH Conference Room 3
Metabolic disorders of pregnancy and early-onset cardiovascular disease risk in the offspring: role of developmental adipogenesis

Feb. 03 | Dr. Nils Daniel Forkert, PhD
Developmental Neurosciences Grand Rounds
8:30 am - 9:30 am ACH Auditorium
Machine Learning for Precision Medicine

Feb. 05 | Dr. Gabrielle Wilcox, PsyD
Owerko Neurodevelopmental Research Rounds
12 pm - 1 pm Green Room, CDC 3rd Floor
Wired to Read: Repeated Reading and TDCS Lessons Learned from a Pilot Study
Feb. 06 | Dr. Tanya McCance, DPhil, RGN
Child Health Research Rounds
8:30 am - 9:30 am Room 222, Professional Faculties Building
Making Person-centred Practice a Reality within Healthcare Systems

Feb. 10 | Dr. Frank P. MacMaster, PhD
Developmental Neurosciences Grand Rounds
8:30 am - 9:30 am ACH Auditorium
New Directions in Brain Stimulation in Psychiatry

Feb. 19 | Dr. Quan Long, PhD
Research in Progress Seminar
1 pm - 2 pm G382, Health Sciences Centre
Use Natural Language Processing to Identify Patient Concerns and Adverse Events from Electronic Medical Records

Feb. 20 | Dr. Monica Justice, PhD
Precision Medicine & Disease Mechanisms Program
11 am - 12 pm, Theatre 4, Health Sciences Centre
A genetic suppressor screen in MeCP2 mice implicates the DNA damage response in Rett syndrome pathology

Mar. 9 | Dr. Hilary Critchley, MD, FRCOG, FRSE
Precision Medicine & Disease Mechanisms Program
11 am - 12 pm, Theatre 4, Health Sciences Centre
Unmet clinical need: Menstrual bleeding, role of the endometrium and potential as a therapeutic target

CONFERENCES

Jan. 31 | Graduate networking event
Contact marle.pretorius@ucalgary.ca

Feb. 11 | 4th Annual Meeting DOHaD Canada
Banff Centre for Arts and Creativity

Feb. 12 | Canadian National Perinatal Research Meeting
Banff Centre for Arts and Creativity

Mar. 23 | APRON 10th Anniversary Research Day
Alberta Children's Hospital Auditorium

May 5 | Doug Lockhart Memorial Oncology Research Day
Alberta Children's Hospital Auditorium

Mar. 19-22 | Canadian Developmental Biology Meeting
Banff Centre for Arts and Creativity

June 10 | Owerko Centre Conference
COMMUNITY EVENTS

Save the date May 23
Crescendo brings together top musicians and inspiring stories of strength shared by young people and their families. Tickets for sale soon. Proceeds will help develop the world-leading research program at the new Centre for Child & Adolescent Mental Health.

Learn more

Caring for Kids Radiothon Feb. 5-7
Since it first hit the airwaves in 2003, the Caring for Kids Radiothon has been an inspiring, cherished community initiative that raises funds for the highest priority needs of the ACH. Donations from our community have supported crucial programs, equipment and research that change lives every day.

More info

CONNECT with @UofCr4kids on social:
Twitter  Facebook  Website

Do you have news to share?
Please send to laherper@ucalgary.ca
Visit us:
research4kids.ucalgary.ca

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