Fresh look for ACHRI newsletter

We are updating the format of our newsletter, but the content is yours. It's designed to celebrate and inform members, trainees and staff about ACHRI news, research, education and training. Please share your news and feedback at laherper@ucalgary.ca.

PUBLICATIONS

Dr. Jiami Guo's research highlighted in Developmental Cell
**ACHRI CONGRATULATES OUR NEW 2020 POSTDOCTORAL Awardees**

**ACHRI Postdoctoral Fellowships**

Open to trainees of ACHRI members, this stipend is shared support provided by the institute and the investigator. Thank you to the applicants to the November competition.

**Dr. Jiami Guo, PhD**

Supervised by Dr. Myriam Hemberger

Investigating the genetic causes of abnormal placental development and the role of the placenta in congenital heart disease.

"Receiving this fellowship at the beginning of my research career, aimed at prevention of complicated pregnancies, provides an opportunity to network with scientists and trainees with similar interests. I am immensely grateful for this opportunity."

**Dr. Beth Radford, PhD**

Supervised by Dr. Myriam Hemberger

Investigating the role of the placenta in congenital heart disease.

"Receiving this fellowship at the beginning of my research career, aimed at prevention of complicated pregnancies, provides an opportunity to network with scientists and trainees with similar interests. I am immensely grateful for this opportunity."

**Dr. Elizabeth Morin-Lessard, PhD**

Supervised by Dr. Susan Graham

Investigating the role of extra linguistic cues in language and communicative development, in monolinguals and bilinguals across the life span.

"I am honoured to be receiving the ACHRI Postdoctoral Fellowship. This award allows me to continue producing high-quality research on children's language and communicative development."
Dr. Gillian England-Mason, PhD
Supervised by Dr. Deborah Dewey
Investigating neurodevelopmental disorders.

"It is truly an honour to be awarded a Postdoctoral Fellowship through the ACHRI Research Training Program. I'm investigating the associations between parental mental health, DNA methylation patterns of genes associated with neuropsychological development and outcomes in preschool children."

Dr. Deepika Dogra, PhD
Supervised by Dr. Deborah Kurrasch
Investigating neurodevelopmental disorders.

"I am so pleased to receive this ACHRI award. My long-term career goal is to start my own lab focused on investigating treatments of various neurological disorders. Being awarded the ACHRI Postdoctoral Fellowship will be instrumental."

**TRAINEES**

Register for the upcoming CIHR Gender and Health Trainee Network Conference, February 4-5, Banff
Learn more about this program and others on our [website](#).
The Owerko Neurodevelopmental Disorder (NDD) Recruitment Database connects children and families with researchers at the University of Calgary who carry out NDD-related studies. It's designed to help support NDD research and gives families and community partners opportunities to participate in research that will impact the knowledge and treatment of NDD. Researchers with ethics approved projects wishing to involve children with or at risk for autism, attention deficit hyperactivity disorder, and fetal alcohol spectrum disorder apply to the database with participant criteria and description of the potential benefits of the study. UCalgary researchers who want to learn more are invited to contact principle investigator Kara Murias at kara.murias@ahs.ca.

Learn more
**Scientific College Member**

Dr. Chad Bousman has been elected into the American College of Neuropsychopharmacology. The college is a non-profit, professional society dedicated to advancing the scientific understanding of and facilitating communication about disorders of the brain and behaviour in order to advance their prevention and treatment.

**Global Child Health Award**

The University of Calgary Department of Pediatrics Global Child Health Unit is pleased to announce Dr. Alberto Nettel-Aguirre as the recipient of the 2019 Global Child Health Award. Dr. Nettel-Aguirre received this award in recognition of his outstanding efforts in advancing Maternal, Newborn and Child Health projects in Tanzania and Uganda.

**NEW MEMBER**

Dr. Jillian Vinall Miller, PhD, is a developmental neuroscientist in the Department of Anesthesiology, Perioperative and Pain Medicine at the University of Calgary. She has been studying pediatric pain in both healthy and clinical populations for over a decade. She has experience and expertise in both acute and chronic pain, and the
transitions from infancy through to early adulthood. Her lab, the Pediatric Anesthesia, Imaging & Neurodevelopmental Science (PAINS) lab, is located at the Alberta Children’s Hospital.

EVENTS, COURSES and WORKSHOPS

**Canadian Child Health Clinician Scientist Program (CCHCSP)**

We would like to invite you to the 2nd CCHCSP Calgary Clinician Scientist Networking event, sponsored by ACHRI. This is a networking opportunity for all clinician scientists and trainees interested in becoming clinician scientists. The program includes career advice and stories from early and senior investigators.

Tuesday January 28, 2020
6:00 – 9:00 pm
Silver Springs Golf & Country Club
Buffet dinner will be served
Complimentary parking available on site
Please RSVP to Janet Wu by January 17, 2020

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

Please join us for a hands-on training workshop on Ingenuity Pathway Analysis (IPA). This hands-on training session will mainly 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
1:00 pm - 4:00 pm
Health Sciences 1460 (Library Computer Commons)
Instructor: Devendra Mistry, PhD, Field Applications Scientist, QIAGEN
Register by email to Carrie.Weston@qiagen.com

ACHRI SUPPORTED LECTURES and ROUNDS

**Owerko Neurodevelopmental Research Rounds - Dr. Suzanne Curtin, PhD - January 8, 2010**

What can early processing of speech tell us about later outcomes for infants at elevated risk for Autism Spectrum Disorders?
ACHRI CALENDAR OF EVENTS

Our events are 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 details, please visit our website.

GRAND ROUNDS & LECTURES

Jan. 16 | Dr. Deinera Exner-Cortens, PhD, MPH
Child Health Research Rounds
8:30 am - 9:30 am ACH Conference Room 4
What is gender transformative health promotion anyways and why should I do it?

Jan. 20 | Dr. Tracy Packiam Alloway, PhD
Developmental Neurosciences Grand Rounds
8:30 am - 9:30 am ACH Auditorium
How harnessing the abilities of diverse learners helps them thrive

Jan. 20 | Drs. Lucyna Lach, David Nicholas, Jennifer Zwicker
Owerko Centre Presentation
12:00 pm - 1:00 pm, Green Room, Child Development Centre
Policies and support for families and children with disabilities

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*

**Mar. 9 | Dr. Hilary Critchley, MD, FRCOG, FRSE**  
Precision Medicine & Disease Mechanisms Program  
11:00 am – 12:00 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 connecting students and industry**  
Contact marle.pretorius@ucalgary.ca

**Feb. 11 | 4th Annual Meeting DOHaD Canada**  
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

**June 10 | Owerko Centre Conference**  
Drs. Joanne Weinberg, PhD and Michael Kbor, PhD  
Theatre Four, Health Sciences Centre

**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 significant 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