Reminder to attend on May 29th the ACHRI 10th Anniversary Symposium and Celebration. We will see you at 9:00 am in Theatre Four, HSC for a line-up of speakers including Dr. Janet Rossant, President and Scientific Director of The Gairdner Foundation. We also would like to invite everyone to attend our afternoon Celebration with University President Ed McCauley, Dr. Brent Scott and community members. Register here.

FUNDING

France-Canada Research Fund
Congratulations! Dr. Deborah Kurrasch, PhD, is one of six recipients of a project grant achieved through a French-Canada university collaboration. The partnership with the University of Bordeaux was made possible through the Hotchkiss Brain Institute. Dr. Kurrasch and Dr. Agnes Nadjar’s project will study the effect of over-consumption of fructose on the microglial activation in the brain and microbiome involvement.

Healthy Outcomes Improvement Fund (MNCY SCN)
Congratulations to these ACHRI researchers who have exceptional projects selected this year for support by the AHS MNCY SCN research fund.

- Dr. Michelle Bailey, MD - Evaluation of Telehealth Rounding and Consultation: An Alberta Children’s Hospital - Alberta Regional Center Virtual Inpatient Collaborative Care Model
- Dr. Mary Brindle, MD - Perioperative Care in Neonatal Abdominal Surgery: Implementation of an Enhanced Recovery After Surgery Guideline
- Dr. Brent Hagel, PhD - Evaluating Policy Relevant Aspects of Motor Vehicle Safety in Children and Youth
- Dr. Tamara Pringsheim, MD - The Tourette OCD Alberta Network
- Dr. Iwona Wrobel, MD - Building Integrated Care for children with functional constipation in Alberta
- Dr. Kamran Yusuf, MD - 25-hydroxy vitamin D levels in preterm infants of mothers with preeclampsia and normotensive pregnancies

New Frontiers in Research Fund
The inaugural New Frontiers in Research Fund (NFRF) supports
innovative, interdisciplinary research that has the potential to
deliver significant benefits to Canadians. Six of the twelve
projects are led by ACHRI members. Congratulations!

- Dr. Ashley Harris, PhD (Cumming School of Medicine): Brain
  metabolites and blood biomarkers of treatment response to aerobic
  exercise for post-concussion syndrome
- Dr. Catherine Label, PhD (Cumming School of Medicine): Advanced
  neuroimaging of the effects of prenatal BPA exposure on brain
  structure
- Dr. Guan Long, PhD (Cumming School of Medicine): Developing a
  Machine Learning Framework for Medical Genomic Projects
- Dr. Timothy Shutt, PhD (Cumming School of Medicine): Stem Cell-
  Mediated Mitochondrial Replenishment
- Dr. Amy Mctaffe, PhD and Co-PI Dr. Carly McMorris: Impact of
  residential proximity to hydraulic fracturing sites on human reproduction
  and child development
- Dr. Amanda Melin, PhD (Faculty of Arts): The aging eye: integrating
  genomics, anatomy, and behaviour across the lifespan in a non-human
  primate model

Banting Postdoctoral Fellowship
Dr. Gillian Tarr, PhD, is one of three UCalgary recipients of the
prestigious Banting Postdoctoral Fellowship, awarded to only the
best and brightest scholars in Canada. Dr. Tarr is working with the
Alberta Provincial Pediatric EnTeric Infection TEam on a
groundbreaking study of more than 5,000 children across Alberta
and the identification of pathogens. The project is led by Dr.
Stephen Freedman, Alberta Children’s Hospital Foundation
Professor in Child Health. Dr. Tarr is developing an algorithm to
place in a smartphone app to better diagnose, treat and alert the
public on high priority pathogens. Congratulations!

NeuroNexus Competition
We applaud the EEG gaming team led by Calgary Pediatric Stroke
Program’s Dr. Ephrem Zewdie and MD/PhD student Zeanna
Jadavji on winning the NeuroNexus People’s Choice Award.
Zewdie and Jadavji are part of Dr. Adam Kirton’s brain-computer
interface research program. Dr. Tamara Pringsheim won best
research impact award with a sensor driven data gathering of tics
in people with tourettes to accurately gauge effectiveness of
treatment. Congratulations! ACHRI is a proud sponsor of the
NeuroNexus competition.

CHILD HEALTH & WELLNESS TOWN HALLS

The Child Health and Wellness Initiative Join us throughout the
month of June as the university presents town halls to explore a
series of topics related to Child Health and Wellness. These town
halls will be hosted by research thought leaders from across
 campus, and will feature presentations by leading faculty members
who will outline examples of grand challenges. Register

- June 4 3:30-5:00pm Precision Child Health
- June 10 12:00-1:30pm Brain Development, Function and Mental
  Health
- June 12 3:30pm-5:00pm Maternal, Newborn and Child Health
- June 18 3:30-5:00pm Care Transformation for Child Health
- June 25 12:00-1:30pm Big Data and Social Determinants of Child
  Health and Wellness
A CIHR Town Hall presentation: Dr. Sam Weiss

Dr. Sam Weiss, Director of the Institute of Neurosciences, Mental Health and Addiction (INMHA), addressed a town hall at Foothills Campus on May 7 outlining some of the key strategies of the INMHA for the next five years. A number of INMHA initiatives present opportunities in child health research related to brain and mental health, including a focus on substance misuse, cannabis and opioids through the Canadian Research Initiative for substance Misuse (CRISM). Find strategic funding opportunities at the INMHA ResearchNet. Learn more

Brighter Future for Babies

Dr. Jay Riva-Cambrin, MD, is a principal investigator on a randomized trial funded by a $10M National Institutes of Health grant to determine the best surgical treatment for babies with hydrocephalus. Dr. Jean Mah and a team of specialists in partnership with colleagues at the University of Alberta are initiating a new study to develop a test to quickly diagnose Spinal Muscular Atrophy. This test would be added to the newborn screening protocol and, when positive results are revealed, babies could begin immediate treatment. ACHF NEWSLETTER

Trainees

Healthy Outcome Theme Publication Awards

NEW! The Healthy Outcome Theme is pleased to recognize the success of trainees in publishing high-impact research focused on reproductive, maternal, fetal, and child health. The award is valued at $500. Applications can be submitted to Dr. Amy Metcalfe. Apply

For information on trainee opportunities, visit the ACHRI website weekly training post

Funding Opportunities

June 3 10am-11am - CIHR/NSERC Collaborative Health Research Projects (CHRP) Info Session
HS G500, Foothills Campus, University of Calgary
Please RSVP

CIHR/NSERC - Operating Grant : Collaborative Health Research Projects (CHRP)
RSO Deadline for LOI: June 21, 2019 at noon
Contact: Anna LeMarquand

Conferences and Lectures: Calendar

Lectures

May 21 | 12:00pm -1:00pm Child Health Research Rounds
Speaker: Dr. Alberto Nettel-Aguirre
Talk: Biostats refresher Part II: A somewhat intuitive approach
Location: Conference Room #3, 4th floor ACH

May 27 | 8:30am-9:30am Developmental Neurosciences Grand Rounds and Symposium
Speaker: Dr. Susa Benseler, MD, PhD
Title: Precision medicine for childhood inflammatory brain diseases
Location: Auditorium 4th Floor ACH

May 28 | 12:00pm-1:00pm Child Health Rounds
Speaker: Dr. Kathleen Huth, MD
Boston Children’s Hospital

Conferences
May 22
Vi Riddell Pediatric Rehabilitation Research Symposium
Program and register here

May 29
Child Health Research Symposium and 10th Anniversary Celebration
Keynote Speaker: Dr. Janet Rossant, PhD, FRS, FRSC
Program and register here

June 5
Owerko Centre Conference
Speakers: Dr. Yona Lunksy, PhD and Dr. Russell Schachar, MD
Location: Theatre Four, HSC Foothills Campus
Program and register here

Nov. 6
ACHRI hosting Gairdner Symposium on Precision Medicine
Location: Libin Theatre, HSC Foothills Campus

Dec. 12 & 13 (NEW DATE)
ACHRI All Member Retreat
Location: Banff Centre of the Arts
Registration opening soon

Alberta Children’s Hospital Research Institute is supported by generous community donations through the Alberta Children’s Hospital Foundation. We believe in a healthier and more prosperous future for children through research.