



CIHR OPERATING GRANTS: COVID-19 GAPS AND PRIORITIES FUNDING



Dr. Adam Cheng, MD, (right) was awarded a CIHR Operating Grant to investigate the prevention of COVID-19 contamination during critical medical procedures. Cheng and co-investigator ACHRI postdoctoral fellow Dr. Jeffrey Lin (left) will examine the use of

a protective barrier to safeguard health care providers during airway management.

[Read more](#)

CHILDREN WITH ADHD: LEARNING CHALLENGES DURING COVID



Dr. Jean-François Lemay, MD, and colleagues surveyed 587 Canadian families with children with ADHD to find if their educational goals were being met during the pandemic. The research in *Frontiers in Education* revealed that 59 per cent of children found it 'very challenging' to adjust to online classes and 41 per cent had less than five hours of schoolwork per week. There was a significant association between depression severity and difficulties with starting and managing tasks. "As we monitor the reopening of schools and adjustments implemented by school boards, it is important to specifically understand how the lack of face-to-face instruction has impacted learning in children with ADHD," says Lemay. Research team: Tasmia Hai, MA, Rose Swansburg, MA, Dr. Frank MacMaster, PhD

The study was supported by the Alberta Children's Hospital Foundation and the Owerko Centre at ACHRI.

IMPROVING THE OUTCOMES FOR CHILDREN WITH PERINATAL STROKE



Dr. Helen Carlson, PhD, Dr. Adam Kirton, MD, Dr. Alicia Hilderley, PhD, and Suraya Meghji, BSc, have won the 2021 Paul Dudley White International Scholar Award for the highest ranked abstract submitted by Canada to the International Stroke Conference 2021. Carlson investigates neural networks to understand brain neuroplasticity after early life injury. The abstract 'Frontal Functional Connectivity Networks and Executive Function Following Perinatal Stroke' is published in the journal *Stroke*.

Clinical investigators

Are you a clinical investigator who has supervised trainees or would like to supervise trainees, but face challenges in this area?

Please complete a short survey so that we can better address these barriers and challenges. [Survey](#)

Sent on behalf of ACHRI and the Department of Pediatrics

PRECISION HEALTH PROGRAM



The Cumming School of Medicine is offering a new Precision Health Program for graduate studies. The certificate, diploma and Master's program with four specializations is accepting applicants for a September, 2021 start. The deadline to apply for early admission is April 15. [Learn more](#)

TRAINEE OPPORTUNITIES



Postdoctoral Funding

The Eyes High Postdoctoral Match-Funding Program is designed to support UCalgary faculty to recruit outstanding postdoctoral scholars.

Spring competition deadline May 3

[Apply](#)

Reproducible Research using RStudio: How to save time using Literate Programming

Presented by ACHRI STEP and the Hotchkiss Brain Institute's REALISE Program

Tuesdays, 1 to 2 pm

Ongoing until April 20

[Register](#)

EVENTS AND SEMINARS

Child Health and Wellness Seminars

Mondays 8:30 am - 9:30 am

March 22

Dr. Kharah M. Ross, PhD

Social support and social conflict: Close relationship quality and maternal-child health

[Register](#)

March 29

Dr. Sarah Childs, PhD

Building vessels for life: Using developmental biology and genetics to understand vascular developmental diseases

[Register](#)

Special Child Health and Wellness Seminar

Thursday, April 29

11 am – 12 pm

Dr. Bruce Carleton, PharmD, FCP, FISPE, BC Children's Hospital Research Institute

Pharmacogenomic Research to Solve Drug-Induced Harm in Pediatric Patients with Cancer

[Register](#)

Telus World of Science - Science on Tap

Tuesday, March 23

7 pm - 8:30 pm

Panelists: Dr. Susa Benseler, Dr. Tania Bubela, Dr. Timothy Caulfield, Dr. David Wishart

Personalized Medicine - One size doesn't fit all

[Register](#)

Injury Prevention, Sport Medicine, and Rehabilitation Research Rounds

Wednesday, March 24

Noon - 1 pm

Dr. Nancy Quinn, PhD, Western University

Too Many Chairs: Spatiality and Disability in Sporting Spaces

To register, please email to isla.shill@ucalgary.ca

Pediatric Grand Rounds - University of Alberta

Thursday March 25

8 am - 9 am

Supporting pediatric health outcomes research

Speakers:

Dr. Carina Majaesic - Facility Medical Director for Stollery Children's Hospital

Dr. Jennifer MacPherson - Facility Medical Director for Alberta Children's Hospital

Dr. David Johnson - Senior Medical Director, AHS Maternal Newborn Child and Youth Strategic Clinical Network

Dr. Finlay McAlister - Scientific Director, Alberta SPOR SUPPORT Unit

Dr. Todd Alexander - Associate Director, Women and Children's Health Research Institute

Dr. Susa Benseler - Director, Alberta Children's Hospital Research Institute

[Register](#)

Children's Healthcare Canada

All in: Creating Synergy in Pediatric Complex Care

Thursday, March 25

10 am - 3 pm

[Register](#)

*In partnership with ACH, AHS and supported by the Alberta Children's Hospital Foundation

ATTACH Webinar Series

Friday, March 26

Noon - 1 pm

Dr. Nicole Letourneau, PhD, RN, FCAHS, FAAN

Development and health: Toxic stress, parent-child relationships and attachment

[Register](#)

Mini-Medical School

Monday, April 12

6:30 pm - 7:45 pm

COVID-19 and its Impact on Children's Immunity

Join Dr. Susa Benseler and Dr. Jim Kellner as they discuss the impact of COVID-19 on children's health and immunity, and their resiliency during the pandemic.

There is no cost to attend, but you will need a Calgary Public Library card number.

[Register](#)

SAVE THE DATE Owerko Centre Conference

Wednesday, June 9

9 am - 3:45 pm

Dr. Joanne Weinberg, PhD, University of British Columbia

Dr. Michael Kobor, PhD, University of British Columbia

More [information](#)

For all events visit the [ACHRI calendar](#)

Key resources [Updated Isolation Guidance](#) | [Procedure for sick students](#) | [Procedure for sick employees](#) | [Dashboard of cases on campus](#)

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