



CANADA RESEARCH CHAIRS



The Canada Research Chairs Program named new faculty members to its ranks. Congratulations Drs. Susan Samuel, Tier 1 CRC in Precision Medicine and Data Science, and Li-Fang (Jack) Chu, Tier 2 CRC in Cellular Reprogramming. [Read more](#)
[View](#) the ceremony

Read more about [Dr. Samuel](#)

Read more about [Dr. Chu](#)

NSERC AND CIHR GRANT AWARDEES

We so appreciate the hard work of all ACHRI applicants. Congratulations awardees!

NSERC Discovery Grants

Dr. Signe Bray, Precision mapping of children's functional brain development

Dr. Li-Fang (Jack) Chu, Genetic regulation of developmental clocks

Dr. Myriam Hemberger, Epigenetic Control of Development: Establishment and function of placenta-specific DNA methylation patterns

Dr. Julia Jacobs LeVan, Understanding brain maturation: How spontaneous cortical high frequency oscillations develop and affect executive function during childhood

Dr. Pierre LeVan, A research program into the neuronal basis of functional connectivity

SSHRC Insight Grants

Dr. Candice Lind, An exploration of the systems and societal norms that contribute to the marginalization of youth

Dr. Penny Pexman, Children's Acquisition of Abstract Vocabulary

Dr. Lianne Tomfohr-Madsen, In the Shadow of the Pandemic: Examining the Impact of COVID-19 Stressors in Pregnancy on Child Socioemotional Development

SSHRC Partnership Development Grant

Dr. Sheri Madigan, Screen use among Children: Research, Evaluation, and Educational Network Supports (The SCREENS Partnership Project)

New Frontiers in Research Fund

Dr. Mark Ungrin, Somatic engineering - a new approach to medical intervention

[Read more](#)

John R. Evans Leaders Fund

Dr. Li-Fang (Jack) Chu, Modeling the Human Developmental Clock and Related Disorders

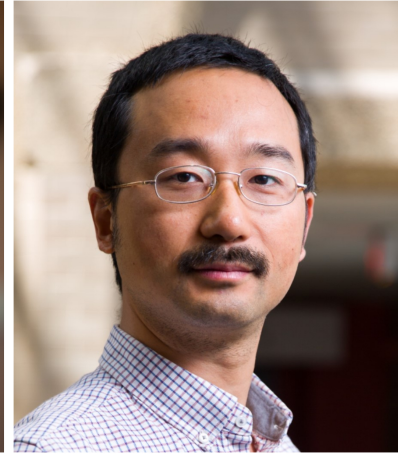


Better health for mothers and children

Here's the latest news from our key partners in child health - the Maternal Infant Child Youth Research Network (MICYRN).

Visit the [website](#) and view the [latest newsletter](#).

DEVELOPING BRAIN



Discovery of genetic condition linked to developmental disorders

Basic and clinical scientists Drs. Guang Yang, PhD, Mike Innes, MD, and Quan Long, PhD, have teamed up to better understand developmental disorders in children, and have found a condition that causes malformations of the cerebral cortex. The research is published in *Cell Reports*. “This connection brings us one step closer to improved diagnostic screening which will allow us to identify more affected children and find possible treatments,” says Innes. This research is supported by grants from the Canadian Institutes of Health Research, Azrieli Foundation, and the Alberta Children's Hospital Foundation. Dr. Mohamad-Reza Aghanoori, PhD, and graduate Shreeya Kedia have been supported by ACHRI fellowships.

[Read more](#)

GLOBAL COVID STUDY



Dr. Anna Funk, PhD, presented findings from the PERN global study of children with COVID-19 to the World Health Organization. The study of 3,100 infected children found six percent experienced post-Covid complications. This research, led by Dr. Stephen Freedman at ACH, was supported by the community through the Alberta Children's Hospital Foundation.

[View WHO webinar](#) and Dr. Funk's talk at 40:00, *90-day persistent symptoms and new complications in SARS-CoV-2 infected children*

RESEARCH OPPORTUNITIES

EDI in Research Grant Proposals

You can find the latest tools and resources in EDI at the Cumming School of Medicine [Internal Peer Review \(IPR\)](#) website.



Social Development Partnerships Program – Children and Families

Reminder - Internal notice of intent is June 22

[Information](#)

Contact asamuels@ucalgary.ca

Public Health Agency of Canada

Social determinants of health through intersectoral collaboration

Funding from \$25,000 to \$250,000 per project

Deadline - July 12

[Information](#)

To apply, email [here](#) for application package

CIHR COVID-19 Funding

Understanding and mitigating the impacts of the pandemic on children, youth and families

RSO internal deadline - July 22

Contact [Clint Westgard](#) to [apply](#).

EDI Research & Innovation Health and Medical Education Competition

Awards of \$5,000 for research that advances our knowledge of EDI in health and medical education. Priority given to intersectional research and innovation projects that address more than one equity-deserving group.

Letter of intent September 17

[Information](#)

NSERC Discovery Grants

Discovery Grants support ongoing research with long-term objectives in natural sciences and engineering. Research themes: Engineering Solutions for Health: Biomedical Engineering, and Human Dynamics in a Changing World.

Notice of Intent August 3

[Information](#)

See NSERC Grant Session in Events

EVENTS AND SEMINARS

NSERC Discovery Grant Session

Panelists will cover the following topics: a general application overview, meaningfully incorporating equity, diversity and inclusion and strategies for those who are reapplying after a negative decision. Presentations will be followed by an hour Q&A period.

Monday, June 21

10 - 11:30 am

Email [RSO](#) to register

Injury Prevention, Sport Medicine, and Rehabilitation Research Rounds

Wednesday, June 23

Noon - 1 pm

Dr. Evert Verhagen, PhD, Amsterdam Movement Research Institute

Neuromuscular training. Does it work? Will it work? Make it work!

[Register](#)

Summer Student Workshop Series 2021

Wednesday, June 23

1 - 2:30 pm

How to effectively design an experiment

[Register](#)

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

Key resources: [COVID-19 Return to Campus](#) | [Dashboard of cases on campus](#)

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Do you have news to share?

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