

April 11, 2022



CONGRATULATIONS



Congratulations to ACHRI researchers who are recipients of **CIHR Health Research Training Platform (H RTP)** funding. Totalling over \$7 million, ACHRI researchers represent 3 of the 13 funded platforms in Canada.

- Alliance against Violence and Adversity (AVA): Health and Social Services Research Training Platform for System and Population Transformations in Girls' and Women's Health, led by Dr. Nicole Letourneau [Read more](#)

- GROWW (Guiding interdisciplinary Research On cis- and trans-gendered Women's and girls health and Wellbeing), led by Dr. Amy Metcalfe [Read more](#)
- Empowering Next-generation Researchers in perinatal and Child Health (ENRICH), led by Dr. Susan Samuel

H RTP funding will embed early career researchers and trainees in collaborative health research teams to increase their career prospects and building Canadian health research capacity. Participants will be trained in the science of conducting diverse and inclusive research, such as respecting Indigenous Ways of Knowing, incorporating sex- and gender-based considerations in research, and recognizing unconscious bias.

CELEBRATING UCALGARY TOP 5



We are still celebrating being recognized as a top 5 Canadian research university! Join Rex, our favourite Dino, as he discovers what research is all about at UCalgary – featuring the lab of ACHRI's own **Dr. Morris Scantlebury**. [Watch video](#)

EVENT HIGHLIGHT



The first-ever **Calgary Women's Health Research Symposium** takes place on Thursday, April 21, 2022 (9 am - 12:30 pm). Learn more about women's health research taking place across campus and connect with members of this growing research community. Faculty, staff, and students/trainees are all welcome. [Details & registration](#)

Please note the event is fully virtual/online.

TRAINEE HIGHLIGHTS



Congratulations to **Dr. Alicia Hilderley**, postdoctoral associate, the recipient of the 2021 CHILD-BRIGHT Graduate Student Fellowship in Patient-Oriented Research. Working under the supervision of **Dr. Adam Kirton**, Dr. Hilderley explores the feasibility and effectiveness of an early intervention home-based upper limb therapy program for infants and toddlers with hemiplegic cerebral palsy (HCP).

The outcomes of this study will benefit patients and families with HCP by allowing for functional therapy at a higher dose that is more cost effective and accessible. This work will encourage lasting improvements for optimizing the long-term health and well-being of infants and toddlers with HCP. Coaching caregivers is a key feature. [Read more](#)

THANK YOU TO OUR POSTDOCS!



Our **postdoc appreciation event** celebrated the significant contributions postdocs make every day to research and discovery. ACHRI and Owerko Education team shared an overview of the resources available to postdocs. Postdoc Dr. Anna Mackinnon and Clinical Research Education Director Dr. Susan Samuel led a wellness check-in. The keynote speaker, Dr. Todd Hill, a clinical psychologist and senior instructor from the Cumming School of Medicine and the Department of Psychology, presented an engaging mini mindfulness workshop that highlighted training the monkey mind by focusing on awareness in a

particular way. Hill says to "take a second and open up your awareness as much as you can."

CELEBRATING 100 YEARS AT ALBERTA CHILDREN'S HOSPITAL



Join the celebration as the Alberta Children's Hospital marks 100 years of hope + healing! To boost awareness for our hospital's big milestone we invite you to celebrate by dressing up your e-signature and linking to the [celebration page](#).

How to include the ACH100 image in your e-signature:

1. Save the above image to your computer (jpg or png file)
2. Add the image by editing your email signature - [outlook directions](#)
3. Hyperlink the image to the [celebration page](#) - [hyperlink directions](#)

PUBLICATION NEWS

Congratulations to **Dr. Jillian Vinall Miller** on her publication: [Brain development and maternal behavior in relation to cognitive and language outcomes in preterm-born children](#). Dr. Miller is a Developmental Neuroscientist in the Department of Anesthesiology, Perioperative and Pain Medicine. This prospective cohort study followed infants born very preterm and explored whether supportive maternal behavior can buffer the association of early brain dysmaturation with cognitive and language outcomes. The results of this study suggest that supportive maternal behavior provides an opportunity to promote optimal neurodevelopment in children born very preterm. These findings also provide evidence for post-discharge interventions targeting maternal sensitivity.

International Guidelines for the American College of Rheumatology

Dr. Marinka Twilt is a co-author on two international guidelines for the American College of Rheumatology for the treatment of juvenile idiopathic arthritis (JIA). Congratulations!

- [2021 American College of Rheumatology Guideline for the Treatment of Juvenile Idiopathic Arthritis: Therapeutic Approaches for Oligoarthritis, Temporomandibular Joint Arthritis, and Systemic Juvenile Idiopathic Arthritis](#)

- [2021 American College of Rheumatology Guideline for the Treatment of Juvenile Idiopathic Arthritis: Recommendations for Nonpharmacologic Therapies, Medication Monitoring, Immunizations, and Imaging](#)

GRANT OPPORTUNITIES

Sick Kids New Investigator Research Grant in Child and Youth Health

This program provides support to child health researchers early in their careers so that they can compete with more senior investigators for research grants. Grant recipients may obtain up to three years of support for research in the biomedical, clinical, health systems and services, population and public health sectors.

(UPDATED) Deadline: Wednesday, April 13, 2022

[Details](#)

Genome Canada: Genomic Applications Partnership Program (GAPP) July 2022

The GAPP funds downstream research and development projects driven by challenges and opportunities identified by end-users such as industry, government, not-for-profits, or other receptor organizations. This is an ongoing competition and Expressions of Interest for Round 23 of the competition must be submitted to Genome Alberta **by April 18, 2022**.

[Details](#)

CIHR Pediatric Cancer Consortium

The Consortium has a shared vision to collaborate and produce research to influence policy and practice predicated on better science, better access, and better coordination to improve lives of pediatric cancer patients and their families/caregivers.

Deadline: Thursday, April 21, 2022

[Details](#)

NFRF 2022 Special Call - Research for Postpandemic Recovery

The goal of this program is to mobilize Canadian-led research efforts that support a more equitable, sustainable and resilient postpandemic reality. It will support projects that directly address one or more of the research priorities outlined in the [UN Research Roadmap for the COVID 19 Recovery](#).

Deadline: Tuesday, April 26, 2022 (NOI)

[Details](#)

CIHR Chief Public Health Officer (CPHO) Report 2021: Future of Public Health

This funding opportunity will support research on the population and public health priorities identified in the 2021 [CPHO Annual Report](#) with a portion of the funding reserved for Early Career Researchers.

Deadline: Friday, April 29, 2022

[Details](#)

E-Rare-6 Joint Transnational Call (2022)

This program is committed to expanding the diagnosis and treatment of rare diseases by bringing together interdisciplinary teams of researchers from across Canada and the European Community to collaborate for better health outcomes for the rare disease patient community. The topic of the call is new analytic tools and pathways to accelerate diagnosis and facilitate diagnostic monitoring of rare diseases.

Deadline: Friday, June 10, 2022

[Details](#)

Arthritis Society 2022 Ignite Innovation Grants

The goal of the Innovation program is to support the development and testing of transformative, paradigm-shifting concepts and approaches to address critical barriers to progress in arthritis research, challenge our understanding of arthritis and its management, and generate novel approaches to confront the challenges we face in defeating arthritis and delivering the best evidence-informed care possible.

Deadline: Thursday, June 23, 2022 (RSO Internal)

[Details](#)

Mental Health in the Early Years - Implementation Science Team Grants

The goal of this program is to fund implementation science research that enhances our understanding of how to improve the systematic and equitable implementation of evidence-based interventions for young children (girls, boys and gender diverse children ages 0-5) and their caregivers.

Deadline: Thursday, June 23, 2022

[Details](#)

The Arthritis Society - Strategic Operating Grants

The Strategic Operating Grant program provides funding to support research proposals aligned with the Arthritis Society's priorities. The Arthritis Society's new Strategic Plan 2020-2025: Accelerating Impact - Research Strategy aims to identify research avenues that focus on areas of highest priority to patients.

Deadline: Monday, August 29, 2022 (Full Application RSO Deadline)

[Details](#)

Visit ACHRI [website](#) for funding opps.

TRAINEE FUNDING OPPORTUNITIES

Arthritis Society Training Postdoctoral Fellowship 2022

The Postdoctoral Fellowship program provides support for postdoctoral fellows to engage in research that is in an area of clear relevance to arthritis and the Arthritis Society's new Strategic Plan 2020-2025: Accelerating Impact - Research Strategy.

Deadline: Wednesday, April 13, 2022

[Details](#)

Bloorview Research Institute: Pursuit Award 2022

This program recognizes PhD students and recent alumni for their outstanding contributions to and achievements in childhood disability research.

Deadline: Friday, April 15, 2022

[Details](#)

Indigenous Wellness Core Scientific Office (IWS SO) Graduate Studentship Program

This program creates opportunities for Indigenous graduate students, or students seeking lived Indigenous research experience. Student activities may include community engagement and relationship building, and contributing to research projects directly related to the IWC key priority areas.

Deadline: Friday, April 15, 2022

For details contact: Kienan.Williams@ahs.ca or Richard.Oster@ahs.ca

2022 - 2023 Banting Postdoctoral Fellowships

This program provides funding to postdoctoral applicants, both nationally and internationally, who will positively contribute to the country's economic, social and research based growth.

Deadline: Sunday, May 1, 2022

[Details](#)

ACHRI Postdoctoral Fellowships

ACHRI Postdoctoral Fellowships are competitive internal awards providing salary support to trainees pursuing postdoctoral research.

Deadline: Monday, May 2, 2022

[Details](#)

ACHRI Clinical Research Fellowships

ACHRI Clinical Research Fellowships are competitive awards intended to provide salary support to eligible trainees who wish to pursue research training during their medical residency or fellowship years.

Deadline: Monday, May 2, 2022

[Details](#)

Charlie Fischer Fellowship in Advancing Patient and Family-Oriented Research

This award has been made possible through a gift honouring Mr. Charlie Fischer by Randy and Claudia Findlay. This Fellowship was created to honour the many contributions made by Mr. Charlie Fischer toward improving outcomes for children and families through research, education and care.

Deadline: Monday, May 2, 2022

[Details](#)

Haslam Clinical Research Fellowship in Child Brain Health

This award has been made possible through the Dr. Robert Haslam Chair Endowment, honouring the late Dr. Bob Haslam, Order of Canada, C.M., the internationally renowned pediatric neurologist at ACH. This Fellowship was

created to advance research, create new knowledge, and inspire future leaders in child brain health.

Deadline: Monday, May 2, 2022

[Details](#)

NOMIS & Science Young Explorer Award 2022

The award is presented for outstanding research performed by the applicant as described in a 1,000-word essay.

Deadline: Sunday, May 15, 2022

[Details](#)

Visit ACHRI [website](#) for trainee funding opps.

Trainees: if you haven't done so already please complete the [ACHRI Trainee Registration Form](#).

EVENTS AND SEMINARS

Neonatal Grand Rounds

PAS/CPS/AAP Research Presentations

Tuesday, April 12, 2022

4 - 5:30 pm

[Register](#)

MCH Research Update Seminar Series

Research Updates by PhD candidate Taylor Scheidl and MSc student Conne Lategan

Monday, April 11, 2022

12 - 1 pm

[Register](#)

Child Health and Wellness Special Seminar

Post-pandemic Musings on Intelligent Medicine and Deep Care

Tuesday, April 19, 2022

9 - 10 am

Dr. Dan Poenaru

[Register](#)

Taylor Institute for Teaching and Learning

Calgary Women's Research Symposium

Thursday, April 21, 2022

9 am - 12:30 pm

[Register](#)

Child Health and Wellness Seminar

Epigenomic and 3D Genome Drivers of Childhood Brain Cancers

Monday, April 25, 2022

8:30 - 9:30 am

[Register](#)

ATTACH Webinar Series

Qualitative Methods and Normalization Process Theory

Friday, April 29, 2022

12 - 1 pm

Drs. Kendra Nixon, Nicole Letourneau, Lubna Anis

[Register](#)

OADR Grant Development Webinars

Research Metrics: Supporting Claims of Research Impact

Tuesday, May 3, 2022

10 - 11 am

Kyle Demes; Elsevier's Research Intelligence Consultant in Canada

[Register](#)

Garrod Symposium 2022

Precision Medicine in IEMs

Thursday, May 12, 2022 - Saturday, May 14, 2022

[Register](#)

2022 Owerko Centre Conference

Thursday, June 7, 2022

9 am - 3:30 pm

[Register](#)

Canadian Women in Medicine Conference

Thursday, June 2, 2022 - Saturday, June 4, 2022 (Victoria, BC or Virtual)

[Register](#)

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

SEND US YOUR NEWS!

Please send discoveries, research publications, and grants to Fiona Mackenzie at r4k@ucalgary.ca

Visit us:
research4kids.ucalgary.ca

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Room 293, Heritage Medical
Research Building
3330 Hospital Dr. NW
Calgary, AB T2N 4N1

403-220-6898
r4k@ucalgary.ca



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