Research is Care. Care is Research.

We are sharing the pride, vision and excitement for all that our research community has and will continue to achieve in the years to come.
When I started in the Behavioural Research Unit at the Alberta Children’s Hospital, over thirty years ago, we were a very small, but impactful research group. What inspires me the most, is the number of 'now' faculty members I have had the opportunity to mentor with their first grants and publications. Since then, their careers have soared. I am just so proud I have been a part of building the ACHRI community.

My research looks at how prenatal and early childhood environments influence children's brains and behaviour. We know that kids and families dealing with neurodevelopmental and mental health challenges in the early years are going to be more at risk for future mental health problems and at higher risk for health problems in general throughout their lifespan. I see research and care shifting towards early intervention at the community level. We need to support children, families, and communities through policies and community level interventions – this will have the most impact and provide the best possible foundations for life.

- Dr. Deborah Dewey

TATE HUBKARAO
‘Designing cities with the health of our children, families and communities in mind’

Currently a PhD student in the Cumming School of Medicine, my research is focused how the design of our cities can encourage healthy behaviours and prevent injury and illness throughout the lifespan.

Over my career, I hope to reduce the number of injuries and fatalities in children and prevent chronic health conditions. My research seeks to make our cities healthier and safer for children by reducing their risk of being injured or killed by motor-vehicles and making it safer for them to be physically active in community and public spaces. By working with local municipalities, we can inform the development of road networks that promote health around our schools and public spaces. I hope this helps to increase the number of kids able to spend their time outside. I think our cities can look quite different in 100 years, and I am encouraged by how that will improve life for children growing up. I can imagine a city where my kids or grandkids can be safe while playing outside, and I want to help make that happen.

- Tate HubkaRao, PhD candidate (supervisor Dr. Brent Hagel)

CELEBRATING ACH 100 - CONNECT WITH US

Join us as we celebrate the Alberta Children's Hospital 100 years of hope + healing! ACHRI invites you to share your stories of research excellence.

Researchers and Trainees can share stories by emailing fiona.mackenzie@ucalgary to set up a short interview. Stories will be shared in the newsletter and across social platforms throughout 2022.

NEW ACHRI MEMBER

Welcome to Dr. Leticia Radin Pereira who has joined the Maternal & Child Health Program at
ACHRI: Dr. Radin Pereira is a newly appointed assistant professor in Community Health Sciences whose research focuses on energy metabolism, dietary intake and determinants of body weight and composition of women during pregnancy and postpartum. Her research aims to explore the role of nutrition in promoting maternal health and preventing and treating obesity and related chronic diseases, especially over the reproductive years. View Profile

TRAINEE HIGHLIGHTS

Congratulations to Dr. Gillian England-Mason, a Postdoctoral Fellow in the Department of Pediatrics at the University of Calgary, who was awarded a CIHR postdoctoral fellowship for her project: Prenatal exposure to plastic chemical mixtures is related to DNA methylation variation in genes associated with neuroendocrine function and neurodevelopment.

Dr. England-Mason is currently working with the Alberta Pregnancy Outcomes and Nutrition (APrON) study team under the mentorship of Dr. Deborah Dewey. Her research examines the associations between early environmental factors and neurodevelopmental outcomes in young children, with a particular interest in the biological mechanisms which may underlie these associations. Her research aims to better understand the mechanisms of developmental change and inform preventative interventions for children and families.

IN-PERSON CHILD HEALTH AND WELLNESS RESEARCH RETREAT

ACHRI is planning an in-person research retreat in December to share and celebrate the inspirational child health research work you are all doing.

Please complete this one minute survey with your input by Thursday, June 9 at 12 pm MST.

HELP US IMPROVE YOUR TRAINEE EXPERIENCE

Calling all trainees! We are developing new activities for our trainees and we’d like to hear from you!
Enter to win a $25 book of your choice by completing this seven-minute survey.

Survey deadline: Friday, June 10 at 4:30 pm MST

GRANT OPPORTUNITIES

E-Rare-6 Joint Transnational Call
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. The call is new analytic tools and pathways to accelerate diagnosis and facilitate monitoring of rare diseases.

Deadline: Friday, June 10, 2022
Details

2022 Brain Tumour Research Grant
This program is seeking researchers conducting brain tumour projects in basic, clinical and translational research.

Deadline: Friday, June 17, 2022
Details

2022 Brain Tumour Research Feature Grant - Pediatric, GBM and Quality of Life
This program is seeking applications from individual investigators or multidisciplinary teams conducting brain tumour projects in basic, clinical and translational research related to Pediatrics, GBM and Quality of Life.

Deadline: Friday, June 17, 2022
Details

Mental Health in the Early Years - Implementation Science Team Grants
The goal 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: Monday, June 20, 2022 (RSO Internal)
Details

New Frontiers in Research Fund - Exploration 2022
The goal of the Exploration stream is to inspire high-risk, high-reward and interdisciplinary research.

Deadline: Tuesday, June 21, 2022 (RSO NOI deadline)
Details
Canadian Cancer Society/CIHR Breakthrough Team Grants: Transforming Low Survival Cancers
This program aims to find new ways to prevent the onset of six cancers where the overall predicted 5-year net survival is less than 30% (pancreas, esophagus, brain, lung, liver, and stomach), through early detection and the development of more precise and effective treatments.
**Deadline: Wednesday, June 22, 2022 (EOI)**
**Details**

Arthritis Society 2022 Ignite Innovation Grants
The goal is to support the 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 defeat arthritis and deliver the best evidence-informed care possible.
**Deadline: Thursday, June 23, 2022 (RSO Internal)**
**Details**

CIHR Operating Grant: Joint Programme on Neurodegenerative Disease Research (JPND) 2022
This opportunity aims to understand the biomedical, psychological and/or social mechanisms of non-pharmaceutical interventions to identify potential target sites for enhanced personalized interventions or a combination of pharmacological and non-pharmacological interventions.
**Deadline: Thursday, June 23, 2022 (RSO Internal)**
**Details**

Arthritis Society: Stars Career Development Award
This award was created to help establish the career of early and mid-career investigators. The program provides support to research programs aligned with the Arthritis Society's 2020-2025 Research Strategy relevant to five research priority areas: arthritis pain, OA, IA, childhood and work.
**Deadline: Friday, June 24, 2022**
**Details**

Diabetes Canada - End Diabetes 2022
This program supports the development of solutions aimed at the prevention, management, and finding a cure(s) for people living with diabetes.
**Deadline: July 12, 2022 (RSO Internal)**
**Details**

Canadian Cancer Society Health Equity Research Grants
This program supports research projects that seek to advance cancer-related health equity. Projects must be collaborative, co-created by people both affected by cancer and by structural marginalization, and designed to address the systemic, structural, and institutional factors that sustain health disparities in Canada.
**Deadline: Wednesday, July 20, 2022 (Registration)**
**Details**
NSERC Discovery Grant Program
This grant supports ongoing programs of research with long-term goals. They provide long-term operating funds and can facilitate access to funding from other programs.
**Deadline: Monday, August 1, 2022 (NOI)**

The Arthritis Society - Strategic Operating Grants
This funding supports research proposals aligned with the Arthritis Society's priorities.
**Deadline: Monday, August 29, 2022 (Full Application RSO Deadline)**

CIHR Patient-Oriented Research Training Grant - Health System Stream
The aim of the grant is to build capacity for POR in the health system by providing non-governmental Canadian health systems or related organizations with an opportunity to embed POR practices within their organizations through training, mentorship, and practical opportunities.
**Deadline: Monday, September 5, 2022**

Visit ACHRI website for funding opps.

**TRAINEE FUNDING OPPORTUNITIES**

Mitacs - Elevate
Mitacs Elevate is a two-year training program for postdoctoral fellows where participants lead and undertake a research project with an industry partner. Open to all disciplines and all industry sectors.
**Deadline: Thursday, June 30, 2022**

**Aisha Rea Research Fellowship in Vasculitis**
This award, made possible through the Rea Family, provides support to trainees in the area of childhood inflammatory diseases, with preferred focus on vasculitis.
**Deadline: Monday, July 4, 2022**

**GROWW Cohort Program**
This training program includes seminars from academics in the field of women's and girl's health, experiential learning opportunities and workshops, mentorship partners, a summer institute, and professional networking to help co-create new research and/or employment opportunities.
**Deadline: Friday, June 24, 2022**
CIHR HostSeq Fellowship
This program will support postdoctoral trainees whose research involves the study of human genetics and the challenges of COVID-19 disease in Canada using bioinformatic approaches.
**Deadline: Monday, July 11, 2022 (RSO Internal)**
[Details](#)

Brain Tumour Foundation Undergraduate Student Research Competition
This competition is an opportunity to showcase undergraduate work relevant to the brain tumour research community.
**Deadline: Friday, August 26, 2022 (LOI)**
[Details](#)

Visit ACHRI website for trainee funding opps.

If you haven't done so please complete the ACHRI Trainee Registration Form.

**EVENTS AND SEMINARS**

**Neonatal Grand Rounds**
*Guidance of Axonal Pathfinding in the Fetal and Neonatal Brain*
Tuesday, June 7, 2022
4 - 5 pm
Dr. Harvey B. Sarnat
[Register](#)

**Paediatric Grand Rounds**
*A journey of 3964 days that began with a single....STEP*
Wednesday, June 8, 2022
8:30 - 9:30 am
Dr. Jon Gilleland & Dr. Kat Le-Williams
[Register](#)

**Child Health and Wellness Special Seminar**
*Understanding and Improving Health Services for Managing Pediatric Obesity*
Thursday, June 9, 2022
11 - 12 pm
[Register](#)

**Mathison Centre 10th Anniversary Community Outreach Event**
*Gut Feelings: Your Bacteria and your Brain*
Sunday, June 12, 2022
2 - 3 pm
Dr. Valerie Taylor
[Register](#)
To Peds or Not to Peds? Management of Adolescents with Major Injuries
Monday, June 13, 2022
8:30 - 9:30 am
Dr. Natalie Yanchar
Register

Research Impact Canada: Canadian Knowledge Mobilization Forum
Monday, June 13, 2022 - Friday, June 17, 2022
Register

AHS Proud Together Workforce Resource Group
The LGBTQ2S+ Acronym - Not Just a Bunch of Letters
Wednesday, June 15, 2022
12 - 1 pm
Register

NeurAlbertaTech UCalgary
Kick-Off Event: Clinical Applications of Advanced Neurotechnologies
Thursday, June 16, 2022
5 - 8 PM
Drs. Frank MacMaster, Adam Kirton, Garnette Sutherland, Zelma Kiss
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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