The University of Calgary is hosting the National Cohort Training program (NCTP) for the CIHR Health System Impact (HSI) Fellowship. NCTP is a specialized national health systems training program that offers doctoral and postdoctoral fellows access to one-on-one coaching from senior leaders and an opportunity to launch their careers beyond the traditional academic path. Researchers are embedded in health system organizations where they can have an immediate impact on policy and patient care.

UCalgary was awarded the NCTP grant in 2021, the first time the training portion of the fellowship was hosted by an external group and has since welcomed 40 to 50 fellows and their mentors each year. “The opportunity to serve as a mentor for our future leaders in health services research is truly inspiring and gives me hope for transforming our health system,” says program lead Dr. Deborah Marshall.

Read more.
Congratulations to two ACHRI postdocs who have been awarded a **CIHR Health System Impact (HSI) Fellowship.**

**Dr. Kimberly Manalili** will collaborate with health-system partners and patients to co-design data-sharing and co-ordination of care between hospitals and primary-care providers to support patients who face barriers in receiving follow-up care in the community. “I will be working with other researchers, the implementation team at AHS, data specialists, health-care providers and patients, all with a common goal of implementing initiatives that address health equity and improve patient care and health.” [Read more.](#)

**Dr. Erin McCabe** is helping to integrate a set of patient-reported outcome measures at The Summit: Marian & Jim Sinneave Centre for Youth Resilience. Her project will shape Alberta’s youth mental health services by including patients' voices in decision-making about adapting and expanding services to meet the evolving needs of youth. “I’m most excited about contributing to a change in Alberta’s health-care system towards a value-based health-care approach, where patients' perspectives on the quality of health services are central to assessments of health services.” [Read more.](#)

Courtesy of: Pamela Hyde, Office of the Vice-President (Research)

NEW PACER COHORT
ACHRI is pleased to welcome a new Patient and Community Engagement Research (PaCER) Training Program Cohort.

Welcome to Haley Gross, Katelyn Greer, Priya Rai, Mikaela Kraminsky, Raegan Reiter, Samantha Morin, and Angelina Horta (not pictured).

The year long PaCER Training Program teaches learners how to conduct research with, by and for patients in their communities. PaCER enables learners to share their lived experience and incorporate patient-led, peer-to-peer research evidence into health system planning, policy, and practice improvement. These youth will be using their unique patient experiences to inform and conduct a research project focusing on transitioning between child and adult care for chronic diseases.

MENTAL HEALTH AWARENESS

January 25, 2023 was Bell Let's Talk day, a year-round initiative focused on engaging Canadians to take action to create positive change in mental health. To help have conversations about mental health, Bell Let's Talk has created conversation guides that can be used to lead your own discussion about mental health.

Dr. Sheri Madigan, recipient of the 2022 Royal-Mach-Gaensslen Prize for Mental Health Research, emphasizes the need for a focus on mental health.
“There is a growing need for access to mental health care for children and their families as wait lists continue to grow,” Madigan says. Now more than ever, it is so important to use research as a catalyst for informing clinical care, as well as improving mental health and treatment outcomes for children.” Read more.

NOVEL TOOL FOR IDENTIFYING THE RISK OF CEREBRAL PALSY

Congratulations to Dr. Mary Dunbar, senior author, and ACHRI colleagues Drs. Deborah Dewey, Nicole Letourneau and Adam Kirton on their publication Development of a Bedside Tool to Predict the Diagnosis of Cerebral Palsy in Term-Born Neonates, presenting a novel prognostic tool for identifying the risk of Cerebral palsy (CP) in newborns.

CP is the most common abnormality of motor development and causes lifelong impairment. Early diagnosis and therapy can improve outcomes, but early identification of infants at risk, specifically those not presenting high risk factors remains challenging.

Using registry-based data from the Canadian Cerebral Palsy Registry and the Alberta Pregnancy Outcomes and Nutrition (APrON) Study the study team identified 12 routinely collected clinical variables about pregnancy and maternal history, labour and delivery and infant characteristics to build and test a model for identifying the risk of CP. This tool can be applied to all term newborns to help select infants for closer surveillance or further diagnostic tests, which could improve outcomes through early intervention.

SLEEP AND CAFFEINE IN KIDS

Congratulations to Dr. Chad Bousman and colleagues on the publication Sleep Quality and Duration in Children That Consume Caffeine: Impact of Dose and Genetic Variation in ADORA2A and CYP1A, the largest examination of caffeine’s association with sleep duration and quality in children.

The study explored caffeine intake (ie. coffee, tea, soda, and energy drinks), sleep quality and sleep duration in over 6000 children aged 9–10 enrolled in the Adolescent Brain Cognitive Development (ABCD) study.
Children with a higher caffeine intake were less likely to report more than nine hours (recommended duration) of sleep per night. For every mg/kg/day of caffeine consumed, there was a 19 per cent decrease in the odds of children getting more than nine hours of sleep.

The study also explored current guidelines set by Health Canada (2.5 mg/kg/day) and the European Food Safety Authority (3.0 mg/kg/day). The team suggests recommended current caffeine thresholds for children may be inadequate. Only 1.5% and 2.4% of the cohort consumed caffeine above the Health Canada and EFSA recommended thresholds while more than half (55.1%) of the cohort reported getting less than the recommended nine hours of sleep. This finding demonstrates that a significantly lower threshold of 0.10 mg/kg/day would be appropriate for children aged 9–10.

UCALGARY EDI WEEK 2023

This week is UCalgary Equity, Diversity, and Inclusion Week. From February 6 to February 10, 2023 events will be held across campus.

Events include keynote speakers, opportunities for networking and the UCalgary EDI Awards Ceremony recognizing and celebrating inspiring students, faculty, and staff working to advance a more accessible, equitable, diverse, and inclusive university.

Visit the website for a full up-to-date list of events.

SURVEY: EXPERIENCE IN PATIENT-REPORTED OUTCOME MEASURES

Survey: Expertise and Experience in the use of Patient-Reported Outcomes and Experience Measures

Patient reported outcomes measures (PROMs) and patient reported experience measures (PREMs) are used in a wide spectrum of patient-centered activities. Patient-centered activities in the CSM can be advanced by bringing together experts, researchers, trainees, users of PROMs and PREMs.

Dr. Samuel Wiebe (Department of Clinical Neurosciences) and team are working towards establishing a community of practice for those with experience in PROMs and PREMs. The team is seeking to document PROMs/PREMs expertise and experience of members and the type and level of support the CSM community might need.

Faculty Members, Researchers, Staff, and Students are encouraged to complete the survey here.

TRAINING OPPORTUNITIES IN SCIENCE COMMUNICATION
Welcome to two new ACHRITA Executive Team Members: Dr. Zahra Clayborne and Dr. Munawar Soomro who have joined the ACHRITA as EDI Co-Directors.

Zahra is a psychiatric epidemiologist and postdoctoral fellow with the All Our Families research team, supervised by Drs. Sheila McDonald and Suzanne Tough. Her research focuses on the measurement of flourishing and its determinants in the family context.

Munawar is a general physician, epidemiologist and currently a postdoctoral fellow in Dr. Deborah Dewey’s lab. His research focuses on the health effects of endocrine disrupting chemicals (EDCs), including the environmental and occupational exposures on human health, particularly during the pregnancy and early childhood

Read more.

ACHRITA RESEARCH IN PROGRESS SEMINARS

All trainees are welcome to join the ACHRITA Research in Progress Seminars

When: first Tuesday of each Monday, starting Tuesday, March 7, 2023, 12 - 1 pm
Where: HSC Theatre 4 or join via Zoom

If you are interested in presenting please sign-up here: RIP Sign-Up

Questions? Email ACHRITA@ucalgary.ca
**GRADSNACKS**

GradSnacks is a new grad-student focused program launching on the Foothills campus to address food insecurity among students. With support from the GSA's Quality Money, GradSnacks will provide free, nutritious snacks to graduate students 24/7.

The program launched on January 18th, and is available to all Foothills campus graduate students. GradSnacks is operating out of the ZenDen in HSC G214.

Read more.

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**TRAINEE FUNDING OPPORTUNITIES**

The ACHRI Summer Studentship and ACHRI-BME Summer Studentship application process is in its final week. Complete the application through the UCalgary Summer Student Application Portal.

**Deadlines:**

- Supervisor submission deadline: Friday, February 10, 2023, 4 PM (MT)
- Student submission deadline was: Friday, February 3, 2023

For more details, please review the Award Guide.

Please contact the ACHRI Training and Education team if you have any questions: jklenin@ucalgary.ca

Visit ACHRI website for trainee additional funding opportunities.

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**TRAINEE VOLUNTEER OPPORTUNITY**

The Highbanks society, whose mission is to provide affordable housing and a nurturing community where young families can learn and grow, is looking for volunteers to help with their programming during the evenings and weekends. This includes assisting families with meal preparations, tutoring, child-minding, and more. Interested trainees can volunteer solo or as a group ACHRITA initiative.

To sign up visit or email Meghan Maiani.
TRAINEE REGISTRATION

We encourage all trainees to register in order to receive the ACHRI newsletter, updates and access to ACHRI trainee funding and workshops.

Registration Link.

FUNDING OPPORTUNITIES

CIHR Planning and Dissemination Grants (Winter 2023)
This program provides support for planning and/or dissemination activities consistent with the mandate of CIHR and relevant to CIHR Institutes and Initiatives.
**Deadline: Wednesday, February 15, 2023 (RSO Internal)**
Details

CIHR Team Grant: Type 1 Diabetes Screening Research Consortium
The goal of this program is to develop a nationally coordinated research Consortium to explore key research questions pertaining to a T1D screening program in Canada, building on experiences from other countries.
**Deadline: Wednesday, February 15, 2023 (Registration Deadline)**
Details

CIHR Catalyst Grant: Chief Public Health Officer Report 2022
This funding opportunity will catalyze research aligned with the opportunities identified in the companion document of the 2022 CPHO Annual Report, *Generating Knowledge to Inform Public Health Action on Climate Change in Canada*
**Deadline: Friday, February 24, 2023 (RSO Internal)**
Details

CIHR Health System Impact Fellowship
The Health System Impact (HSI) Fellowship provides an embedded research opportunity for PhD trainees and post-doctoral researchers studying health services and policy research, or related fields.
**Deadline: Monday, February 27, 2023 (RSO Internal)**
Details

CIHR Project Grant Spring 2023
These grants capture ideas with the greatest potential for important advances in fundamental or applied health-related knowledge, health care, health systems, and/or health outcomes stemming from new, incremental, innovative, and/or high-risk lines of inquiry or knowledge translation approaches.
**Deadline: Monday, March 6, 2023 (RSO Internal)**
Details

CIHR Café Scientifique Program 2023
This funding opportunity supports events, known as Cafés, that enable knowledge-sharing and open, respectful dialogues between the general public and health
researchers on health-related issues of public interest.

**Deadline: Friday, March 10, 2023 (RSO Internal)**

**Thrasher Research Fund Early Career Award**
This fund is open to research projects that show great potential to impact the field of children's health.

**Deadline: Tuesday, March 14, 2023**

**2023 THRIVE Grant**
THRIVE offers funding for basic science, clinical, and translational research that enhances our ability to predict when and how adverse effects may occur in patients who have received cancer treatment and supports the development of approaches to avoid or lessen these effects.

**Deadline: Wednesday, April 5, 2023 (RSO Internal)**

**CIHR dedicated funding for Collaboration with the European Commission - Joint Transnational Calls.**
The Canadian dedicated funding will support the involvement of Canadian researchers in multinational research consortia in the following areas: neurodegenerative diseases, rare diseases, and antimicrobial resistance.

**Details**
Contact **Brandi Povitz** to confirm CIHR and RSO Internal deadline(s).

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

**EVENTS AND SEMINARS**

**Snyder Institute Hybrid Mini-Medical School Lecture**
**The War Waged Within: Pacman in the Fight Against Autoimmunity**
Monday, February 6, 2023
6:30 - 8 pm
Drs. May Choi and Antoine Dufour

**Register**

**OADR Grant Development Office**
**The Black Box of CIHR Peer Review Committees**
Tuesday, February 7, 2023
10 - 11:30 am
Drs. Gerald Giesbrecht & Rita Henderson

**Register**

**Neonatal Grand Rounds**
**Women in Neonatology: Addressing Gender Inequities is Good for All of Us**
Tuesday, February 7, 2023
4 - 5 pm
Dr. Renate Savich
Register

**Paediatric Grand Rounds**
**Engaging Youth and their Families in Health Research**
Wednesday, February 8, 2023
8:30 - 9:30 am
Maria J. Santana, Marina Rosa Filezio, Sarah Rabi, Farwa Naqvi and Ingrid Nielssen
Register

**Developmental Genetics**
**Research-in-Progress Seminar Series**
Wednesday, February 8, 2023
1 - 2 pm
Aarti Kejriwal (Peng Huang lab) & Dr. Reza Aghanoori (Guang Yang lab)
HSC 1405A

**Pediatric Infectious Disease Conference**
Friday, February 10 - Sunday, February 12, 2023
Banff, Alberta
Register

**Child Health and Wellness Seminar**
**Placental Causes of Congenital Heart Defects: Convergence on a Labyrinth Cell-Type**
Monday, February 13, 2023
8:30 - 9:30
Dr. Bethany Radford
Register

**OADR Grant Development Office**
**CIHR Project Grant Spring 2023 Faculty Information Session #2**
Wednesday, February 15, 2023
10 - 11:30 am
Register

**Cumming School of Medicine**
**Celebration of Excellence**
Wednesday, February 15, 2023
10:30 am - 12 pm
Register

**Child Health and Wellness Special Seminar**
**What Makes a 'Good' Decision? Am Empirical Bioethics Study of Using AI at the Bedside**
Thursday, February 23, 2023
11 am - 12 pm
Dr. Melissa McCradden
Register

Friesen Prize Institutional Visit Lecture
Contributions to Viral Hepatitis, Vaccine Task Force and COVID-19
Monday, February 27, 2023
3:30 pm
Dr. Lorne Tyrrell
Register

Banff International Conference on Behavioural Science
School Mental Health: Utilizing Science, Culture, and Context to Inform Practice
Sunday, March 19 - Wednesday, March 22, 2023
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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