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.

July 25, 2022

CELEBRATING 100 YEARS OF ALBERTA CHILDREN'S HOSPITAL

ACH 100 GLOBAL TV Series - DR. FRANCOIS BERNIER

As part of the 100 year celebration at the Alberta Children’s Hospital, Global News interviewed Dr. Francois Bernier about the advancements he has seen in his nearly 30-year career at the hospital.

“We have the perfect trifecta at ACH; we have advanced clinical care, we have integrated research in our hospital but the engine of innovation is our community,” says Dr. Bernier. “I think we are all proud of our children’s hospital. I certainly am and our community is too.”
‘Punching above our weight’

I came to Calgary about eight years ago to do research on brain injury in kids. It was a big change, but I felt confident because of the people here – and that’s the thing that has always really stood out for me. I was ‘wowed’ by the potential to engage in a coordinated effort to do something meaningful about childhood brain injury and particularly childhood concussion.

I’m most proud of the integrated concussion research program that we’ve built at UCalgary. We’re now ranked first in the world in pediatric concussion. The program is leading on the genetics of concussion, underlying physiology, biomarkers for diagnosis, and exploring the psychological or social factors that may influence recovery and outcomes. Calgary is small, but ‘we really punch way above our weight’ in impact. We also lead the Canadian Concussion Network, which promotes research and knowledge translation.

Our vision for the future is to build a community-oriented centre providing clinical services in concussion while bringing together research, education, and clinical training. Through integration with the community, supporting patient navigation and coordinating care delivery, the space would address the community's needs while also providing a platform to do research to better inform health policy and care. It would be unlike anything that we know of in Canada.
Please join ACHRI and the University of Calgary Faculty of Veterinary Medicine in celebrating Dr. Jay Cross (the founding director of the Institute of Maternal and Child Health, now called ACHRI) at these two special events:

**Developmental Biology Symposium**
Friday, September 23, 2022
9:30 am – 3:30 pm MST
Theatre 3, Health Sciences Centre, Foothills Campus or via Zoom
[Register](#)
[Program](#)

**Dr. Jay Cross Retirement Reception**
Friday, September 23, 2022
3:30 – 5 pm MST
HRIC Atrium, Foothills Campus
[Register by September 12](#)

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**CONNECT WITH US**

We invite you to share your stories of research excellence as we celebrate the Alberta Children's Hospital **100 years of hope + healing**.

Researchers and Trainees, please email [fiona.mackenzie@ucalgary.ca](mailto:fiona.mackenzie@ucalgary.ca) to set up a short interview. Stories will be shared in the newsletter and across social platforms throughout 2022.

**DR. JAY CROSS CELEBRATION EVENTS**

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**NEW FUNDING FOR PAIN RESEARCH**

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Congratulations to Dr. Katie Birnie and Dr. Melanie Noel on two recent grants addressing chronic pain in youth.

Dr. Birnie will be leading a CIHR Planning Grant to develop a screening tool for measurement of risk in pediatric chronic postsurgical pain. The research will help get the right treatments to youth at the right time.

Dr. Birnie is also co-leading a CIHR Project Grant with Dr. Melanie Noel. Ranked #1 of 43, the project will evaluate an online “stepped care” program called the ‘Power over Pain Portal’ for youth that will support youth in Canada with accessible, evidence-based pain care.

Finding ways to prevent chronic pain is the #1 priority identified by Canadian youth with chronic pain, their families, and healthcare professionals. Congratulations Dr. Birnie and Dr. Noel on addressing these care priorities for kids and their families.

SAVE THE DATE: CHILD HEALTH AND WELLNESS RESEARCH RETREAT

Mark your calendars!

The Child Health and Wellness Research Retreat will be on Thursday, December 15 and Friday, December 16, 2022 at MacEwan Conference and Event Centre at the University of Calgary. More details coming soon.

GAIRDNER ALBERTA CALL FOR 2023 EVENTS

The Gairdner Foundation is inviting universities, research institutes, programs and organizations to apply for funding for scientific outreach programming in Alberta that engages the public in science culture and literacy and inspires students to be the next generation of scientists and innovators.

Proposals must be suitable for one of the following categories:
- Talent Development Stream Programs (Up to $10,000) that reach out to high school and undergraduate students to inspire the next generation of scientists and innovators.
- Public Engagement Stream Programs (Up to $15,000) that translate extraordinary science into innovative, engaging and relevant programs for a lay audience, and encourage the growth of science culture and literacy in Canada.
- Celebrating Excellence Stream Programs (Up to $35,000) that focus on recent scientific advances and bring extraordinary international science to Alberta, while highlighting the excellence of Alberta researchers.

Submissions are due by Saturday, October 15, 2022.

RBC RACE FOR THE KIDS

RBC Race for the Kids is back on Sunday, September 11, 2022 at Heritage Park!

RBC Race for the Kids funds programs that help kids in our community struggling with mental health. Sign up today for this family-friendly walk/run, pancake breakfast and a lots of fun. Includes a T-shirt, breakfast, parking and all-day access to Heritage Park!

ACHRI-HBI-OWERKO CENTRE SUMMER STUDENT RESEARCH SYMPOSIUM

Organized by HBITO and ACHRITA, this in-person event on Tuesday, August 23 features summer student oral and poster presentations, a keynote speaker, and a catered lunch. Summer students from HBI, ACHRI or the Owerko Centre can submit abstracts here by Friday, August 5 at midnight:

ACHRI, HBI and Owerko Centre members and research staff are welcome to attend! Register here.

If you have questions, please contact ACHRITA@ucalgary.ca

GRADUATE STUDENT OPPORTUNITY - PRESENTATION JUDGE

Sign up to be a judge at the Summer Student Symposium on Tuesday, August 23. Learn about some of the amazing projects students took on over the summer and enjoy a keynote speaker and free food! Register as a judge here.

If you have questions, please contact ACHRITA@ucalgary.ca

LONGVIEW JOURNAL 2022 - CALL FOR SUBMISSIONS

The Longview is an annual student-run, peer-reviewed, interdisciplinary, creative arts journal with a mission to use a creative approach towards contemporary healthcare.
The journal invites submission from post-secondary students, faculty and staff in the arts, humanities, social sciences or healthcare. Submit your reflections or outlooks on health and illness in a work of writing, art or music. **Submission Deadline:** Tuesday, November 1, 2022. Learn more.

**CSM INSTITUTES - BEACH VOLLEYBALL COMPETITION**

Interested in beach volleyball? Want to play in a one-time outdoor beach volleyball tournament?

Graduate students, post-doctoral fellows, and everyone else affiliated with ACHRI are invited. All skill/experience levels welcome! Please send ACHRITA@ucalgary.ca an email if you are interested in this event.

Date: TBD (will be a weekend in August).

**TRAINEE SURVEY**

**Attention Trainees:** Please take the time complete this **30 second survey** on food security and food options on Foothills campus by **Sunday, July 31, 2022.**

**CIHR-VIDEO COMPETITION**

Feeling creative? The **CIHR Institute of Human Development, Child and Youth Health (IHDCYH) Talks Video Competition** is a unique opportunity to submit a short video (<5 mins) that presents a clear evidence-based message to a lay audience related to IHDCYH's mandate. [Details].

**GRANT OPPORTUNITIES**

**Biological Basis for Cystic Fibrosis Related Diabetes (CFRD)**

This opportunity supports projects that will improve our understanding of the biological underpinnings of the development and progression of CFRD as well as to identify novel therapeutic strategies to manage and treat the disease.

**Deadline:** Thursday, July 28, 2022 (RSO Internal)

[Details]

**NSERC Discovery Grant Program**

This grant supports ongoing programs of research with long-term goals. Includes long-term operating funds and access to funding from other programs.

**Deadline:** Monday, August 1, 2022 (NOI)

[Details]

**CIHR Project Grant Competition - Fall 2022**

This program is designed to capture ideas with the greatest potential to advance health-related knowledge, health research, health care, health systems, and/or health outcomes. NOTE: OADR Faculty Information Sessions listed in 'Events' below.

**Deadline:** Wednesday, August 17, 2022 (Registration Deadline)
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 Catalyst Grant: Standards for Children and Youth Mental Health Services
This funding supports research and knowledge mobilization to inform mental health and/or substance use health services for children, youth, and young adults including the perinatal period.
**Deadline:** Thursday, September 1, 2022 (Registration)

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 through training, mentorship, and practical opportunities.
**Deadline:** Monday, September 5, 2022

CIHR Operating Grant: Data Analysis Using Existing Databases and Cohorts
The CIHR Institute of Human Development, Child and Youth Health will support projects that use data from existing Canadian-based cohorts, databases, cohort catalogues, and data platforms, and are relevant to reproductive, maternal, child, and/or youth health.
**Deadline:** Wednesday, September 7, 2022 (Registration)

SSHRC - Partnership Engage Grants
Engage Grants provide support for partnered research activities to inform decision-making at a single partner organization from the public, private or not-for-profit sector.
**Deadline:** Monday, September 12, 2022

SSHRC - Insight Grant Fall 2022
This program supports research excellence in the social sciences and humanities. Funding is available to both emerging and established scholars for research initiatives of two to five years responding to the objectives of the Insight program.
**Deadline:** Wednesday, September 28, 2022

CIHR Catalyst Grant: Policy Research for Health System Transformation
This opportunity supports Policy Research for Health System Transformation grants that generate evidence to inform macro-level policies to support high-performing health care and public health systems in Canada.

**Deadline: Thursday, September 29, 2022 (RSO Internal)**

**Details**

**Department of Pediatrics Innovation Award**
This award supports groups engaged in small, impactful, innovative projects. Project leads and their teams will submit a short project outline in alignment with key themes. Those selected to pitch their projects will prepare a 7-10 minute presentation.

**Deadline: Monday, October 3, 2022**

**Details**

**Operating Grant: Diabetes, Psychosocial Health, Prevention and Self-Management**
This program supports research that builds on successful models of care, knowledge mobilization, and optimization of self-management including: addressing psychosocial issues and mental health disorders in people with T1D and prevention and treatment in youth and young adults, with a focus on Indigenous and racialized, ethnocultural and low socio-economic status communities that are disproportionately affected by T2D.

**Deadline: Thursday, October 27, 2022 (RSO Internal)**

**Details**

Visit ACHRI website for funding opportunities.

**TRAINEE FUNDING OPPORTUNITIES**

**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**

**SSHRC Postdoctoral Fellowships**
These fellowships support new scholars in the social sciences and humanities to assist in: undertaking research, publishing, developing and expanding personal research networks and broadening teaching experience.

**Deadline: Friday, September 9, 2022 (RSO internal)**

**Details**

**CIHR Fellowship: Health Research Training Strategy**
This fellowship aims to equip trainees so that they emerge from their training as scientific, professional, or organizational leaders within and beyond the health research enterprise.

**Deadline: Thursday, September 29, 2022 (Full Application)**

**Details**
Owerko Centre Early Career Investigator Grant
This award enables early-career investigators to conduct research aligned with the Owerko Centre mandate of advancing neurodevelopment and child mental health. This grant can be used to collect preliminary/pilot data or to extend current work where funding for exploratory or novel studies is limited. This grant supports fellows and research associates to launch the next independent phase of their career.

**Deadline: Friday, September 30, 2022**
Details to follow

Visit ACHRI website for trainee funding opportunities.

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

**EVENTS AND SEMINARS**

**Summer Student Workshop Series 2022**
**Effective Visual Academic Communication for Presentation**
Wednesday, August 3, 2022
1 - 2:30 pm
[Register](#)

**Summer Student Workshop Series 2022**
**Effective Verbal Academic Communication for Presentation**
Wednesday, August 10, 2022
1 - 2:30 pm
[Register](#)

**OADR Grant Development Office**
**CIHR Project Grant Fall 2022 - Faculty Information Session #2**
Tuesday, August 23, 2022
10 - 11 am
[Register](#)

**Calgary Public Library & the UCalgary Knowledge Engagement Team**
**Ask a Scientist About the Brain!**
Wednesday, August 24, 2022
2:30 - 3:30 pm
Dr. Guang Yang, PhD, and Kaylan Burns
[Register](#)

**Developmental Origins of Health and Disease (DOHaD)**
**World Congress 2022**
Monday, August 29 - Wednesday, August 31, 2022
[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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