

August 15, 2022



CELEBRATING 100 YEARS OF ALBERTA CHILDREN'S HOSPITAL



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.

ACH 100 GLOBAL TV Series - DR. SUSA BENSELER

As part of the 100 year celebration at the Alberta Children's Hospital, Global News interviewed **Dr. Susa Benseler** about the inspiring discoveries changing the lives of children through research at ACH.

"Every single advancement in technology, every new diagnosis and therapy, every cure exists because of research. It starts in the labs or at the bedside and it evolves into a huge partnership that



generates new knowledge and achieves better outcomes" says Dr. Benseler.

[Watch the full interview](#)

DR. ARU NARENDRAN

'Towards a future of safe and effective treatment for every child, no matter the diagnosis'

I am a clinician scientist in pediatric oncology at the Alberta Children's Hospital and a UCalgary researcher. My focus is finding new cancer therapies for kids that do not respond to conventional treatments. Even though we are doing much better in curing pediatric cancers, we still have 10 to 15 percent of children who come to a point that we really don't have anything to safely and effectively treat them. When I started at ACH almost 20 years ago that became my focus, to bring new clinical trials to our community, to give kids and families new hope.



I am the local principal investigator for the clinical trials group POETIC (Pediatric Oncology Experimental Therapeutics Consortium). Our mandate is to get therapies to kids as fast as we can. We do this by studying cancer treatments shown to be active in adults and exploring the safety and effectiveness in children with currently incurable cancers. This collaborative work has brought recognition for our centre and new treatments for our patients. Many children across North America are getting treated on protocols that we have contributed to here in Calgary.

We are a team here – and I believe it is very important to teach the next generation of doctors and scientists to carry this work forward. My lab is a diverse team of students, technicians, fellows, and even members who had encountered cancer themselves. As a clinician and scientist, I am very proud of the young people who trained with us and have gone on to have extraordinary clinical and academic paths to work to help children with cancer and their families.

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 to set up a short interview. Stories will be shared in the newsletter and across social platforms throughout 2022.

POST COVID-19 CONDITIONS AMONG CHILDREN



Nearly six per cent of children in the Emergency Department (ED) with COVID-19 reported symptoms of long-COVID 90 days later, according to a study conducted in eight countries and led by **Drs. Stephen Freedman and Anna Funk (Eyes High Post-Doctoral Fellow)**. The study, [COVID-19 Conditions Among Children 90 Days After SARS-CoV-2 Infection](#), examined the proportion of children infected with SARS-CoV-2 (tested in EDs) that reported long-COVID condition symptoms 90 days after their presenting for ED care. Published in JAMA Network Open, the study found the most commonly reported symptoms were fatigue or weakness, and cough, difficulty breathing or shortness of breath. Children at increased risk were those hospitalized, those with more symptoms at presentation and older children. Given the prevalence of long-COVID symptoms, appropriate guidance and follow-up are required for children testing positive, particularly those with high risk features. [Read more.](#)

CHILDREN'S NEEDLE STUDY



Dr. Melanie Noel, an associate professor in the Department of Psychology, is leading a study to better understand how children experience their COVID-19 shots. The study will track the vaccine journey of hundreds of kids across Canada between the ages of 4-11, as well as their parents.

“We need kids to get vaccinated, but we also know that a lot of kids, especially young kids, are scared of needles, and that kind of makes them hesitant to do it. It makes their parents disempowered,” says Dr. Noel. “I believe that if we can give information to parents, we can set them up for success”. [Read more.](#)

The study is currently recruiting: Please share with your [networks!](#)

SUPPORT FOR CLINICAL AND ADMINISTRATIVE DATA



Need help accessing clinical and administrative data for research purposes?

ACHRI has a dedicated Clinical Data Wayfinder, **Taran Kaur**, providing data extraction and linking services for ACHRI members. If you have filed a proposal with the Research Ethics Board which seeks to use administrative data (ie. practitioner billings and outpatient treatments for health research) or just want to understand better what's available prior to submitting a grant application, **initiate a consultation**.

This consultation form replaces the Administrative Data Request portion of the Research Consult Request form accessed through the Department of Pediatrics website and provides additional information to help us serve you better.

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.**

ACH RESEARCH WORKSTATION CHANGES

A reminder to all ACH Researchers that the Department of Pediatrics will be adopting a new **Research Workstation Management process** on September 12, 2022. After this date, a limited number of assigned workstations will be available. All other workstations will transition to drop down use.

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 ACHRI Trainee Association and HBITO, this in-person event on Tuesday, August 23 features summer student oral and poster presentations, a keynote speaker, and a catered lunch.

ACHRI, HBI and Owerko Centre members and research staff are welcome to attend! **Register** to attend by **Monday, August 15** at midnight.

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

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).

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.](#)

GRANT OPPORTUNITIES

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.

Deadline: Wednesday, August 17, 2022 (Registration Deadline)

[Details](#)

The Arthritis Society - Strategic Operating Grants

This funding supports research proposals aligned with the Arthritis Society's priorities.

Deadline: Monday, August 29, 2022

[Details](#)

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)

[Details](#)

2022 Peter Lougheed Research Award Competition

This opportunity provides salary and research support to young researchers encouraging them to continue their career in the province. Proposals must support a novel research project that is aligned with CSM Strategic Priority Areas.

Deadline: Thursday, September 1, 2022

[Details](#)

SSHRC Partnership Development Grants

These grants provide support to research activities including knowledge mobilization by fostering new partnerships for existing and/or potential partners or designing and test new partnership approaches for research

Deadline: Friday, September 2, 2022

[Details](#)

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

[Details](#)

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)

[Details](#)

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

[Details](#)

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

[Details](#)

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 for T1D and T2D.

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

[Details](#)

CIHR THINC Implementation Science Team Grant

This opportunity aims to improve our understanding of how to implement, evaluate, adapt and/or scale evidence-informed integrated care and intervention policies. These policies should encompass intersectoral collaborations within and/or beyond the formal health care delivery system.

Deadline: Thursday, November 24, 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](#)

Cancer Research Institute (CRI) - Irvington Postdoctoral Fellowship

This program supports scientists who wish to receive training in fundamental immunology or cancer immunology.

Deadline: Monday, August 29, 2022

[Details](#)

ENRICH (Empowering Next Generation Researchers in Perinatal and Child Health) Training Program Awards

These awards support candidates who wish to pursue a career in the field of perinatal and child health and wellbeing. Successful candidates will receive an annual stipend based on the level of training, plus access to a scientist development curriculum. The award is open for applications from doctoral, post-doctoral, and new investigator clinician scientists and includes specific awards for Black and Indigenous applicants.

Deadline: Thursday, September 1, 2022 (LOI)

[Details](#)

SSHRC Postdoctoral Fellowships

These fellowships support scholars to assist in: undertaking research, publishing, developing and expanding personal research networks and broadening teaching experience.

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

[Details](#)

T. Chen Fong Postdoctoral Fellowship in Medical Imaging

This fellowship supports research that focuses on: 1) the development or implementation of imaging science with relevance to medical imaging applications, or 2) a broader range of imaging applications with a potential link to medical imaging.

Deadline: Thursday, September 15, 2022

[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 (RSO Internal)

[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](#)

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

If you haven't done so please complete the [ACHRI Trainee Registration Form](#).

EVENTS AND SEMINARS

Major Innovation Fund: eHealth and mHealth Technologies - Info Session

Tuesday, August 23, 2022

9 - 10:30 am

[Zoom Link](#)

OADR Grant Development Webinars

CIHR Project Grant Fall 2022 - Faculty Information Session #2

Tuesday, August 23, 2022

10 - 11 am

[Register](#)

OADR Grant Development Webinars

Grant Basics: How to Submit your Research Grant

Wednesday, August 24, 2022

2 - 3 pm

[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](#)

Child Health and Wellness Seminar

**Children and Adolescents with Migraine: Current Challenges in the Treatment
Landscape and How to Move Forward**

Monday, September 12, 2022

8:30 - 9:30 am

Dr. Serena Orr

[Register](#)

Calgary Neonatal Neuro-Critical Care Program

Neonatal Cranial Ultrasound Course

In Person, MacEwan Conference and Event Centre

Wednesday, September 21 - Friday, September 23, 2022

[Register](#)

Dr. Jay Cross Developmental Biology Symposium

Friday, September 23, 2022

9:30 am – 3:30 pm

Theatre 3, Health Sciences Centre, Foothills Campus or via Zoom

[Register](#)

Dr. Jay Cross Retirement Reception

Friday, September 23, 2022

3:30 – 5 pm

HRIC Atrium, Foothills Campus

[Register](#)

The CIHR-Institute of Musculoskeletal Health & Arthritis (IMHA)

Stylish Academic Writing Workshop Series

Dr. Helen Sword

October 18, November 16, December 8, 2022

Details to Follow

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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