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.

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.

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.
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 Gaardner 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
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 lots of fun. Includes a T-shirt, breakfast, parking and all-day access to Heritage Park!

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

Submissions are due by Saturday, October 15, 2022.

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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