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, Global News interviewed Dr. Greg Guilcher - about the incredible advancements in childhood cancer research, treatment and care at ACH.

"Our goal is to not only find a cure for every child, but to ensure that every child has a life in which they can survive and thrive. With the community and our outstanding partners behind us, we are..."
determined, and won't stop until we get there," says Dr. Guilcher. [Watch the full interview](#)

**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.

**ORANGE SHIRT DAY**

September 30 is [Orange Shirt Day](#) in honour of [National Day for Truth and Reconciliation in Canada](#). On this day, the University of Calgary recognizes and raises awareness about the residential school system in Canada, bringing people together in the spirit of reconciliation and honouring the experiences of Indigenous peoples.

[Orange Shirt Day](#) is an opportunity to explore the impact of residential schools, intergenerational trauma, and Indigenous resilience. The date was chosen as it aligns with the time of year when Indigenous children were forcibly taken from their homes to attend residential schools. Many did not return home, many were traumatized for life, and some were brave enough to share their stories. Through the acknowledgement of truth and increased awareness, we aspire to become a country where “Every Child Matters.”
Dr. Bennett's research program centers on the innovative development, implementation, and evaluation of cultural wellness camp gatherings using digital storytelling as an expression of child wellbeing. These stories shed light on realities that can help enrich future understandings of Indigenous conceptions of wellbeing that are child, youth, and Indigenous centered.

Indigenous ways of knowing, being, seeing, feeling, and practicing are based on relationships. Dr. Bennett looks forward to engaging with ACHRI members to establish relationships that can lead to collaborative endeavours benefitting the wellbeing of Indigenous children, youth, their families, and communities. View profile.

Dr. MARLYN BENNETT

Welcome to Dr. Marlyn Bennett who has joined the Healthy Children, Families & Communities program at ACHRI. Dr. Bennett is nominated as a Tier 2 Canada Research Chair in Indigenous Children’s Well-Being and is both an Associate Professor in the Faculty of Social Work at UCalgary and an Adjunct Professor in the Faculty of Social Work at the University of Manitoba.

NEW ACHRI MEMBERS

ACHRI is welcoming several news members! In the next few newsletters we will introduce you to each of them.

Dr. JENNIFER LEASON

Dr. Leason is an associate professor in the Department of Anthropology and Archaeology and a Canada Research Chair in Indigenous Maternal Child Health Wellness. She is an off-reserve member of Pine Creek Indian Band, Manitoba and the proud mother of Lucas and Lucy.

Dr. Leason is an associate member of the CIHR College of Reviewers and serves on the Institute of Indigenous Peoples Health Advisory Board. An associate editor of the Canadian Journal of Public Health, she is also a member of the Canadian
Perinatal Surveillance System with the Public Health Agency of Canada.

Her research addresses perinatal and maternal-child health disparities and inequities by examining maternity experiences, healthcare utilization, and social-cultural contexts of Indigenous maternal child wellness. View Profile.

INTRODUCING ACHRI TRAINEE ASSOCIATION

ACHRI is excited to announce the launch of our new trainee association ACHRITA!

ACHRITA is for all current and future ACHRI trainees (including graduate students, post-doctoral scholars and clinical research fellows). Its goals are to foster a sense of community as well as provide education and networking opportunities for those pursuing a career in child health and wellness. Visit our webpage for more information, upcoming events and to meet our ACHRITA volunteer executive leadership team.

ACHRI Trainee Association Members (from top left): Areefa Alladin (President), Meghan Maiani (Vice-President & Treasurer), Joanna Keough (Education Co-Director), Bevin Wiley (Education Co-Director), Shefali Rai (Communications Director), Tahsin Hassan Rahit (Social Director).

Read more about the Members. Thank you for stepping up!

INSPIRING YOUNG MINDS
Dr. Guang Yang, associate professor in the departments of Medical Genetics, and Biochemistry and Molecular Biology and PhD student Kaylan Burns took time this summer to inspire future scientists by sharing their research with kids. The 'Ask a Scientist' summer series is hosted by the Calgary Public library in partnership with the UCalgary Knowledge Engagement Team.

“The goal is not for the kids to leave the session with all this information about the brain, but for them to leave with a feeling of inspiration or interest,” says Kaylan.

“This was a new experience for us, and we were excited for the opportunity to introduce how science leads to knowledge and how that can change lives,” says Yang. “You can’t go too deep into the topic, it's the journey to finding knowledge that is important.” Read more.

NEUROSURGERY PUBLICATION

Congratulations to Dr. Nils Forkert and colleagues at Johns Hopkins and Stanford School of Medicine on a new publication in Neurosurgery – Intracranial Artery Morphology in Pediatric Moya Moya Disease and Moya Moya Syndrome.

Moya Moya disease (MMD) and Moya Moya Syndrome (MMS) are progressive, cerebrovascular disorders that affect the internal carotid arteries. This study provides promising preliminary results for quantitative surveillance in MMD/MMS management and in further understanding the mechanisms that drive MMS/MMS in children. Applying these techniques facilitates standardization and reduces observer variability to best support clinical decision making of children with Moya Moya and presents a great step forward in precision medicine.

SAVE THE DATE: CHILD HEALTH AND WELLNESS RESEARCH RETREAT

Mark your calendars!

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

ACH RESEARCH WORKSTATION CHANGES

As of September 12, the Department of Pediatrics has moved to a drop down desks system. Information about how to reserve a drop down desk is on the department research website.
Workstations, remote access desks, and pods for collaborative work can be booked using a system called Skedda. There are also two drop down meeting rooms (C4-610 and C4-522) that do not require a booking on Skedda. Research teams can sign up to use the room the day of, using the whiteboard located outside the door. AHS still encourages virtual meetings wherever possible, and that masking/distancing is required in all meeting rooms.

**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 Administrative Data Request form accessed through the Department of Pediatrics website and provides additional information to help us serve you better.

**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.

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.

LONGVIEW JOURNAL 2022 - CALL FOR SUBMISSIONS

The Longview is an annual student-run, peer-reviewed, interdisciplinary, creative arts journal. It 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

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 (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

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: Wednesday, October 12, 2022 (RSO Internal)
Details

OPTions Initiative - Next Generation Methods
This program supports proposals related to women's, girls', and people with diverse sexual and gender identities' access to safe abortion in low-and middle-income countries.
Deadline: Friday, October 14, 2022 (NOI)
Details

2023 MSI Foundation Research Grant
This program supports emerging investigators in the field of health services and population health research (similar to CIHR pillar 3 or 4). Projects require a co-
applicant who is a user of research.
**Deadline: Tuesday, October 25, 2022 (LOI)**
**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**

**SSHRC Knowledge Synthesis Grant: Shifting Dynamics of Privilege and Marginalization**
With additional funding from Genome Canada, this program aims to foster a deeper understanding of the state of knowledge about the shifting dynamics of privilege and marginalization brought about by a variety of factors, such as old and recent socio-political events; new technologies, including genomics; the new mis/information age; and the COVID-19 pandemic.
**Deadline: Monday, December 12, 2022**
**Details**

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

**TRAINEE FUNDING OPPORTUNITIES**

**INNOVATE Calgary e2i Program**
This program creates a new pathway for researchers to translate successful research outcomes into practical solutions. e2i trainees will engage in an eight-month experiential innovation curriculum, including mentorship from Academic Entrepreneurs in Residence, hands-on workshops, guidance, and a cash allowance.
**Deadline: Thursday, September 29, 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. It supports fellows and research associates in the next independent phase of their career.

**Deadline: Friday, September 30, 2022**

Details

ACHRI Postdoctoral Fellowship Award
ACHRI Postdoctoral Fellowships are competitive internal awards for the purpose of providing salary support to trainees pursuing postdoctoral research. For details please visit ACHRI Trainee Funding. If you have questions please contact Julia Klenin-MacLock jklenin@ucalgary.ca or Laurel Ryan laurel.ryan@ahs.ca

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

Details

Eyes High Postdoctoral Match-Funding Program (Fall 2022)
This program awards partial salary support for postdocs who will be highly competitive for external awards and will help advance UCalgary’s strategic research and innovation plan.

**Deadline: Friday, November 4, 2022 (Sponsor Application Deadline)**

Details

Visit ACHRI website for trainee funding opportunities.

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

EVENTS AND SEMINARS

Neonatal Grand Rounds
**Does Non-Invasive Ventilation of Preterms Improve Outcomes?**
Tuesday, September 27, 2022
4 - 5 pm
Dr. Haresh Kirpalani
Register

Paediatric Grand Rounds
**Diabetes Technology: An Overview**
Wednesday, September 28, 2022
8:30 - 9:30 am
Dr. Samantha Gerber
Register

UCalgary Sport Injury Prevention and Research Centre
**Research and Community Engagement (RACE) Symposium 2022**
Wednesday September 28, 2022
9 am - 4 pm (symposium), 4 - 6 pm (social networking)

Register

Calgary Adapted Hub - Research and Community Engagement Seminar
Personalized Neuromodulation to Enhance Life Participation for Children with Hemiparesis: The SPORT Trial
Thursday, September 29, 2022
12 - 1 pm
Dr. Adam Kirton

Register

Owerko Neurodevelopmental Clinical Rounds
Building Executive Function and Resilience in Children Through Play
Wednesday, October 5, 2022
12 - 1 pm
Dr. Robbin Gibb

Register

Child Health and Wellness Special Seminar
Apgar Score and Risk of Neonatal Death Among Preterm Infants
Wednesday, October 12, 2022
11:15 - 12:15 PM
Dr. Neda Razaz

Register

2022 Owerko Family Distinguished Lecture
Somatic Mutation in the Human Brain
Thursday, October 20, 2022
3 - 4:30 PM
Dr. Christopher Walsh

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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