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.

GLOBAL TV ACH100 INTERVIEW

As part of the 100 year-celebration, Global News interviewed Dr. Michael Esser about fantastic achievements and advancements he has seen over the years in the neuro-critical care program at ACH.

"We have a philosophy of teamwork where we bring in experts who may have been focusing on their own specific areas originally. Together we collaborate to provide precise and personalized diagnoses and treatments for patients. In doing
this, we've been able to act a lot faster for kids that are at risk for severe brain injury. Kids are now surviving and thriving so we have come a long long way," says Dr. Esser.

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

CIHR IHDCYH COMMUNITY EVENT
Over 120 Child Health researchers and trainees shared synergies and national ambitions for child health at the first ever Community Event co-hosted by ACHRI and CIHR Institute for Human Development Child and Youth Health. Huge thanks to the trainee/researcher duos who shared their science in a superb three rounds of speed networking. And to CIHR IHDCYH leaders and advisory board members for visiting UCalgary!

KILLAM HONOURS

Congratulations to Dr. Meaghan Perdue on receiving the 2022 Killam Postdoctoral Fellowship. Her interests in language, reading, and brain development led her on a 10-year research path from Boston to the Developmental Neuroimaging Lab at the Alberta Children’s Hospital with ACHRI’s Dr. Catherine Lebel. Read more.

We are so proud of our brilliant ACHRI scientists and trainees who received 2022 Killam honours including Professor Awards, Emerging Leader Awards, Research Excellence, Postdoctoral Scholars and Pre-doctoral Laureates. Read more.

Dr. Suzanne Tough was named a 2022 Killam Research Excellence Award recipient for advancing research to improve health outcomes for preterm babies and mothers. Congratulations Suzanne! Read more.
TOP 40 UNDER 40

Congratulations to Dr. Jiami Guo on being a 2022 Top 40 Under 40 honouree. Dr. Guo received the prestigious Robertson Neuroscience Investigator Award from the New York Stem Cell Foundation (NYSCF) — a program that supports promising early career scientists whose cutting-edge research shows potential for treatments and cures. Dr. Guo research focuses on the important function of primary cilia in brain development. Dr. Guo’s lab conducts neuroscience research, mentors grad students and postdoc fellows, and teaches developmental neuroscience at the grad level. What drives Dr. Guo’s success? “I just needed to find something that I loved,” explains Dr. Guo. Read more.

NEW ACHRI MEMBER - DR. LINDSAY MACKAY

Welcome to Dr. Lyndsay MacKay who has joined the Care Transformation for Children Program. As a paediatric registered nurse, Dr. MacKay is passionate about improving care for hospitalized infants, children and their families. Parents of medically fragile infants and children with medical complexity experience significant stress during lengthy hospital admissions that negatively impacts their mental health. Dr. MacKay is engaging clinical research projects to develop new models of care provided to infants/children geared at improving nurse-patient/family relationships and infant/child-parent experiences of care. Read profile.

POST CONCUSSION SCREEN TIME

Congratulations to Dr. Keith Yeates on a recent publication in collaboration with UBC researchers Early Postinjury Screen Time and Concussion
Recovery. Published in *Pediatrics*, the study demonstrates that while too much screen time slows children's recovery from concussions, banning screen time is not the answer. The study followed more than 700 children aged 8-16 following an injury and found that children whose concussion symptoms cleared up the fastest had engaged in a moderate amount of screen time.

Kids use smartphones and computers to stay connected with peers – complete removal of those screens could lead to feelings of disconnection, loneliness and not having social support. Those things are likely to have a negative effect on kids’ mental health and make recovery take longer.

“Screen time didn’t make a lot of difference relative to several other factors that we know can affect concussion recovery,” says Yeates. “Encouraging concussion patients to sleep well and gradually engage in light physical activity will likely do a lot more for their recovery than keeping them off their smartphones.” Read more.

**BIOSTATISTICAL CONSULTING**

Need support with biostatistical areas in your research study?

ACHRI has a dedicated Biostatistics Consultant, Dr. Grace Kwong, providing biostatistical support for ACHRI members and trainees. To discuss your project needs, initiate a consultation.

**CANDY CANE GALA**

Candy Cane Gala is back in-person!

The Alberta Children's Hospital Foundation invites you, your family and friends to attend this much-loved evening filled with dining, dancing and boundless entertainment for all ages. With your generous support for innovative research and care,
the sky’s the limit for sick and injured children in our community.

Reserve your table today!

2022 CHILD HEALTH AND WELLNESS RESEARCH RETREAT

ACHRI members, research staff and trainees are invited to learn about each other’s work across Child Health and Wellness programs and Grand Challenge areas. Includes stellar keynote speakers, dinner and a social!

2022 Child Health and Wellness Research Retreat

Thursday, December 15, 8 am - 9:30 pm
Friday, December 16, 8:30 am - 1 pm
MacEwan Ballroom and Hall, UCalgary

- Register to attend by December 7
- Trainee Video/Presentation Submissions by December 2
- Retreat Program

ENRICH EVENT

Calling all trainees and postdocs! Please join the Empowering Next-Generation Researchers in Perinatal and Child Health (ENRICH) program centre leaders for an evening of networking, learning, and dinner:

ENRICH Event
December 5, 2022
Speaker: Dr. Serena Orr
5:30 - 6:30pm: Reception
6:30pm onward: Dinner
Murrieta's West Coast Bar & Grill
801 1 St SW #200, Calgary, AB

Please RSVP to Tanya Graves-Smith tanya.graves-smith@albertahealthservices.ca by Monday,
FUNDING OPPORTUNITIES

**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](#)

**LevMax-Health Program Fall 2022**
This program leverages high-quality from NSERC, SSHRC, CIHR competitions with strong potential to advance Digital Health research and innovation in Alberta. This specific funding opportunity has four thematic areas: talent; research; commercialization; health system transformation.
**Deadline: November 15, 2022 (RSO Internal)**
[Details](#)

**Banting Research Foundation Discovery Award**
This award supports innovative health and biomedical research projects by new investigators with intent to provide seed funding to gather pilot data to enhance their competitiveness for other sources of funding.
**Deadline: Thursday, December 1, 2022**
[Details](#)

**Azrieli Accelerator Catalyst Grants**
This opportunity supports new, transdisciplinary research related to neurodevelopment, neurodevelopmental conditions and/or neurodiversity.
**Deadline: Thursday, December 1, 2022**
[Details](#)

**Genome Canada: Genomic Applications Partnership Program (GAPP) - Round 25**
This opportunity funds downstream research and development projects driven by challenges and opportunities identified by end-users such as industry, government, not-for-profits, or other receptor organizations. This is an ongoing competition.
**Deadline: Monday, December 12, 2022 (EOI)**
[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 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

CIHR Clinical Trials Funding – SEED Grant
The Cumming School of Medicine and Alberta Health Services Clinical Research Fund is now open for seed applications. This opportunity will support the Eyes High strategic vision of leadership in high impact clinical research at UCalgary and promote the objectives of AHS strategy for research innovation and analytics.
Deadline: Thursday, December 15, 2022
Details

Visit ACHRI website for funding opportunities.

TRAINEE FUNDING OPPORTUNITIES

Alex’s Lemonade Stand Foundation: Young Investigator Award
This award supports early career researchers pursuing promising childhood cancer research ideas and who demonstrate a commitment to a research career in pediatric cancer. A mentor is required, as well as a career development plan.
Deadline: Friday, December 7, 2022
Details

Brain Tumour Foundation of Canada
This program supports research for adult or pediatric brain tumour research that is Basic, Clinical or Translational in nature.
Deadline: Friday, January 6, 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

Child Health and Wellness Seminar
REseaching STStrategies fOR REhabilitation: The RESTORE Network
Monday, November 14, 2022
8:30 - 9:30 am
Drs. Elizabeth Condliffe, Adam Kirton, Kelly Larkin-Kaiser, Sean Dukelow & Patrick Whelan
Register

Navigating DORA: The Evolution of Research Assessments and the Responsible Use of Metrics
Monday, November 14, 2022
12 - 1 pm
Dr. Vincent Lariviere
**ACTION Special Seminar**  
Monday, November 14, 2022  
2 - 3 pm  
Dr. Patrick Schöffski  
Clara Christie Theatre, Health Sciences Building  
No registration required

**Youth Digital Storytelling Screening: My Life. My Story.**  
Friday, November 18, 2022 & Saturday, November 19, 2022  
10:30 am - 3:00 pm  
Register

**Child Health and Wellness Special Seminar**  
**Replication Repair Deficiency: Translating Science to Clinics Using the Power of a Global Consortium**  
Thursday, November 24, 2022  
8:30 - 9:30 am  
Dr. Anirban Das  
Register

**ATTACH Webinar Series**  
**An Introduction and Perspectives from ATTACH Parents**  
Friday, November 25, 2022  
12 - 1 pm  
Dr. Nicole Letourneau  
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](mailto:r4k@ucalgary.ca)

Visit us: [research4kids.ucalgary.ca](http://research4kids.ucalgary.ca)