Parents and educators in the Fort Vermillion School Division are changing the future for their children. Their kids attend schools participating in a comprehensive community-based research initiative led by Dr. Jennifer Markides. Her goal is ambitious: to reset the relationship with Indigenous communities in the sprawling school jurisdiction — geographically the size of New Brunswick — to give Indigenous students every opportunity for success, both in school and beyond.

Read story

PROGRAM SUPPORTS RARE DISEASE RESEARCH

The complex immune dysregulation program brings together clinicians and researchers to help solve the medical mysteries these children present. The program is the brainchild of Dr. Ashish Marwaha, a medical genetics physician at ACH.

“Often when I see the families in clinic they say they are relieved to have someone sit and listen to their story from start to finish,” Marwaha says.
CELEBRATE DR. SUSA BENSELER

Please join us in celebrating ACHRI Director Dr. Susa Benseler by participating in her online kudoboard. Susa is completing her five-year term on March 1, 2024 and beginning a new role in Europe. We want to express our heartfelt appreciation for Susa's passion and undeniable impact on child health and wellbeing in Canada and beyond.

Share your wishes for Susa through her online kudoboard by January 31, 2024.

WELCOME NEW MEMBERS

Please welcome Dr. Michael Kallos to the Precision Medicine & Disease Mechanisms Program. A chemical engineer by training and professor in Biomedical Engineering, performing research in stem cell bioprocess engineering – a key element in the clinical implementation of regenerative medicine and cell therapies. Read more

Joining the Care Transformation for Children Program is Dr. Mohamed Eltorki, an assistant professor in Pediatrics. His research program compares differing analgesics to each other through randomized trials to determine what the most effective and safest pain medication we can use for children in acute pain. Read more

Sending a warm welcome to Dr. Candice Poon to the Childhood Cancer & Blood Disorders Program. An assistant professor in the departments of Clinical Neurosciences and Oncology. Dr. Poon and her team aims to understand interactions between stromal cells and immune cells in perivascular spaces to help with neurological diseases such as brain tumors and CSF-disorders. Read more

Welcome to Dr. Franz Zemp, who joins the Childhood Cancer & Blood Disorders Program. Dr. Zemp is an adjunct assistant professor in Biochemistry and Molecular Biology and Lead of the Synthetic Immunology arm of the Alberta Cellular Therapy
We are delighted to introduce Dr. Olajumoke Oyebode, our newest addition to the One Child Every Child Equity, Diversity and Inclusion team in the role of Research Associate. Ola is a dedicated scientist with a passion for advancing the fields of preclinical and clinical biochemistry.

Ola will contribute to groundbreaking research aimed at transformative outcomes. She finds joy in baking and cherishes quality time spent with her family.

A warm welcome to Dr. Hayford Avedzi who joined the One Child Every Child Equity Diversity and Inclusion team as a Research Scientist and Operations Lead. Hayford comes with two decades of international experience in population and clinical health research that spans child and maternal nutrition, rare genetic conditions and chronic diseases in children and seniors. He is passionate about preventing and managing disease, informing policy and effective practices.

Outside of work, Hayford loves to spend time with his family, and support friends and his community.

We are thrilled to welcome Catherine Crabtree, the new Human Resources Advisor for One Child Every Child. Catherine brings a breadth of HR and talent acquisition experience from Mount Royal University and the University of Alberta.

Catherine is very happy to be back home in Calgary after spending almost 10 years in Edmonton. She is passionate about fostering dogs and travelling. Her next adventure will be Japan in late February.
• Active or overscheduled kids? How parents can consider benefits and risks of extracurricular activities, Dr. Sheri Madigan
• Concerned about student mental health? How wellness is related to academic achievement, Dr. Gabrielle Wilcox
• *Here's How Common Long COVID Is in Children*, Dr. Stephen Freedman
• Parenting with ADHD: 7 practical tips for success, Dr. Sheri Madigan
• Researcher recognized internationally for contributions to patient-oriented research, Dr. Maria Santana

PUBLICATIONS

**Post–COVID-19 Condition in Children 6 and 12 Months After Infection**
Dr. Stephen Freedman and the Pediatric Emergency Research Canada (PERC) COVID Study Group

**An Interactive Atlas of Three-dimensional Syndromic Facial Morphology**
Drs. Benedikt Hallgrímsson, François Bernier and team

MENTAL HEALTH RESEARCH 4 KIDS RESEARCH REGISTRY

The Research Registry connects young people and families with child and adolescent mental health research studies that they might be interested in.

Learn more

ONE CHILD EVERY CHILD NEWS

One Child Every Child is on Instagram and LinkedIn! Learn more about the work of our researchers, themes and accelerators. If a post resonates, please consider sharing it.

BASECAMP REGISTRATION

Want to get updates on all things One Child Every Child? Filling in this webform allows you to join the network through Basecamp, our online collaboration
platform. Building something this big takes time, and we are grateful for your input.

If you identify as an Indigenous researcher, please connect with latasha.calfrobe@ucalgary.ca

ACHRI TRAINEES & POSTDOCS

EVENTS

1st Summit on Implanted BCIs for Children with Complex Needs
Monday, February 5, 2024: 8 am - 1:30 pm
Register

Journal clubs are engaging platforms where trainees come together to explore and discuss the latest research and developments in child and maternal health.

Research-In-Progress seminars are scheduled for the first Tuesday of each month. These alternate between the Health Sciences Centre and Alberta Children's Hospital.

Contact ACHRITA@ucalgary.ca or visit webpage.

STUDENTSHIPS

Undergraduate Research Summer Studentships provide up to $7,500 of financial support to University of Calgary undergraduates to conduct research for 8, 12 or 16 weeks between May and August:

- ACHRI Summer Studentship Award
- BME-ACHRI Summer Studentship Award

Student Deadline: Friday, February 2 at 11:59 pm
Supervisor Reference Deadline: Friday, February 9 at 11:59 pm

Questions? Email vanessa.belangermarc@ucalgary.ca or jklenin@ucalgary.ca

FUNDING

Owerko Centre Trainee Grant Opportunities
Deadline: Thursday, February 1, 2024

- Pathways to Independence Grants - $25,000
- Training and Education Grants - up to $5,000
- Trainee and Community Partnership Grant - up to $5,000
- Spark Trainee Grant - up to $5,000

Campus Alberta Neuroscience: Postdoctoral Competition
Notice of Intent Deadline: Wednesday, January 31, 2024
Full Application Deadline (by invitation only): Wednesday, March 13, 2024
Award Notifications: late spring/early summer 2024

**Molly Towell Perinatal Research Foundation Applications**
Letters of Reference: Monday, March 18, 2024 at 5 pm ET

TRAINEE REGISTRATION

**ACHRI supervisors:** Please encourage your trainees to register to receive the newsletter, updates and access to funding and workshops.

View trainee awards and competitions
Questions? Email Julia Klenin-MacLock (jklenin@ucalgary.ca)

RESEARCHER FUNDING OPPORTUNITIES

**2024 Azrieli Accelerator Catalyst Grant Competition**

Applications are now open to researchers from across UCalgary with projects in fields of neurodevelopment and neurodevelopmental conditions research. The Azrieli Accelerator supports all pillars of research – from foundational/basic science and clinical research projects to those focused on social and population health and the experience of people living with neurodevelopmental conditions. Proposals that target research questions from any developmental period – from pre-natal to childhood to older adulthood – are welcome.

At least six grants, up to $50,000 each, will be awarded.
Full application deadline: Monday, March 11, 2024
More information

**Training Grant: Health Research Training Platform (HRTP 2024/2025)**

RSO Internal Deadline: Monday, January 29, 2024 at noon
Questions? Email Lindsey Hritzuk

**Canadian Blood Services Intramural Research Grant**

CBS Registration Deadline (no submission to Research Services needed):
Wednesday, January 31, 2024
RSO Deadline for Full Application: Tuesday, April 2, 2024 at noon
Questions? Contact Stephanie Patrick

**Canadian Cancer Society Data Transformation Grants**

Registration Deadline: Wednesday, February 21, 2024
RSO Deadline for Full Application: Friday, April 19, 2024 at noon
Questions? Contact Stephanie Patrick
The Canada Foundation for Innovation 2025 Innovation Fund
iNOIs deadline: Monday, March 4, 2024 at noon
Questions? Email  ipd@ucalgary.ca

Society of Rural Physicians of Canada: National Advanced Skills and Training Program for Rural Practice
Training Deadline: Friday, March 15, 2024

Canadian Cancer Society/ Lotte and John Hecht Memorial Foundation Disruptive Innovation Grants in Cancer Research
RSO Internal Deadline LOI phase: Monday, March 18, 2024 at noon
RSO Internal Deadline Full Application: Wednesday, July 24, 2024 at noon
Questions? Contact  Stephanie Patrick

EVENTS AND SEMINARS

Neonatal Grand Rounds
Cannabis: An Ancient Friend or Foe?
Evidence on the Effect of In-Utero Cannabis Exposure in Neonates
Basel Thayyil
Tuesday, January 23, 2024: 4 - 5 pm
Register

Hybrid Paediatric Grand Rounds
An Overview of Measurement-Based Care (MBC)
Mental Health Program for Youth
Drs. Maria Santana, Erin McCabe and Bishnu Bajgain
Wednesday, January 24, 2024: 8:30 - 9:30 am
Kinsmen Learning Centre Auditorium (4th Floor - ACH) or Register for Zoom

National Medical Case Review Series on Inherited Metabolic Diseases
New onset urea cycle defects in adulthood
Dr. Kim McBride
Thursday, January 25, 2024: 1 - 2 pm
Zoom

Medical Genetics Seminar Series
Precision Health Equity for Racialized Communities in North America
Dr. Arafaat Valiani
Friday, January 26, 2024: 9 - 10 am
ACH Conference Room 4

Child Health and Wellness Seminar
Will we ever see the end of Respiratory Syncytial Virus infection in infants?
Dr. Ian Mitchell
Monday, January 29, 2024: 8:30 - 9:30 am
Join the Alberta Children’s Hospital Foundation for radio’s most heartwarming three days of the year. From February 7 - 9, 2024 the Country 105 Caring for Kids Radiothon will take place.

Encourage your friends and family to tune in!

For all events visit the ACHRI calendar.

SEND US YOUR NEWS!

Please send research discoveries, publications, and partnerships to DeAnna Kweens at r4k@ucalgary.ca

Visit us:
research4kids.ucalgary.ca