Welcome to Dr. Ugo Dodd, who joins the Care Transformation for Children Program at ACHRI.

The underlying goal of Dr. Dodd's research program is to promote better lives for children with eye conditions and their families. Dr. Dodd's current research interests include: improving access to myopia prevention strategies, improving physical literacy in children with visual impairment and reducing the duration of the wait during ophthalmic clinic visits.

Dr. Dodd's is also focused on creating evidence-based algorithms and applying evidence-based practice to early diagnosis and treatment of children with visual impairment.
Welcome to Dr. Kim McBride who joins the Precision Medicine & Disease Mechanisms Program.

Dr. McBride's lab's is focused on identifying the causes of congenital heart disease (CHD) using genome sequencing to find genetic variants. His lab also studies the outcomes of those with CHD using clinical genetics evaluations, chromosome microarrays, and genome sequencing in an attempt to provide prognosis and create care paths. As a clinical geneticist, his work has expanded into the larger space of rare disease.

Watch the Department of Pediatrics Annual Report 2022. With a theme of collaboration, the Annual Report shares highlights of the Department of Pediatrics members, staff, and patients and families.

- 2022 Annual Report Video
- Annual Report Data Section

SARS-CoV-2 VARIANT SYMPTOMS IN CHILDREN
A new study led by Madeleine Sumner, a medical student supervised by Dr. Stephen Freedman, and conducted by the Pediatric Emergency Research Canada (PERC) COVID-19 study group, explored symptom profiles, by variant type, in children with SARS-CoV-2 infection seen in pediatric emergency departments. The 14-centre Canadian study found that those with Alpha variant infection reported the fewest core COVID-19 symptoms. Those with Omicron variant infection were more likely to report fever, lower respiratory tract, and systemic symptoms, and likely to require investigations and treatments in the emergency department. Hospitalization and intensive care admission rates were comparable across variants.

Although the characteristics of presenting symptoms have changed as the SARS-CoV-2 virus has evolved, the proportions of infected children experiencing undesirable outcomes has remained stable. For adults, research shows emerging variants are becoming less severe – this is not the case for children seeking emergency department care. Read more.

LECTURE OF A LIFETIME

Chancellor Jon Cornish and the UCalgary Senate invite you to attend the 2023 Lecture of a Lifetime featuring Dr. Jay Cross.

Purposefully travelling towards the unknown

Be part of a thought-provoking and topical discussion about the power and challenge that comes with working across disciplines, and having the bravery to take on opportunities for which you don’t feel qualified.
May, 3, 2023
5:30 – 6:30 pm
MacEwan Ballroom (3rd floor), MacEwan Student Centre

Learn more and Register.

2023 Owerko Centre Conference

Save the Date: 2023 Owerko Centre Conference: Neurodiversity and Intersectionality
Tuesday, May 30, 2023
Health Sciences Centre, Foothills Campus

Speakers:

- Dr. Laura Graham Holmes, PhD, Silberman School of Social Work, Hunter College
- Dr. TC Waisman, EdD, Autism Training Academy
- Dr. Kristen Gillespie-Lynch, PhD, Psychology, City University of New York
- Dr. Meredith Maroney, PhD, Werklund School of Education, University of Calgary
- Community Panel
- Trainee Oral and Poster Presentations

Attendee registration and trainee submission info coming soon.

Research Engagement Opportunity

The City of Calgary is looking to engage researchers to support the implementation of Calgary's Mental Health and Addiction Strategy and Action Plan.

The City of Calgary looking to connect with research projects that have:

- Strong alignment with Community Strategy actions and initiatives
Practical applications in the Calgary context
Research findings or implications ready for implementation in 2023/24.

By connecting with the Strategy, researchers can share their expertise to local audiences in the community, test or expand research findings in community/practical settings, participate as an advisory capacity, and receive letters of support for funding proposals.

If you are interested, please connect directly with the City of Calgary team by filling out the Research in Action intake form.

The City of Calgary will be hosting an event on April 18, 2023 for researchers and the Mental Health and Addiction Strategy and Action Plan partners to learn from one another.

For questions, email communityofconnections@calgary.ca.

CSM STRATEGIC PLANNING WORKSHOPS

CSM is embarking on a collaborative process to develop a new strategic plan. CSM students, faculty and staff can support this process by registering for an upcoming workshop:

Tuesday, April 4, 2023, 3 - 5 pm
OR
Thursday, April 20, 2023, 12 - 2 pm

HRIC atrium
Snacks and beverages available.
When registering, please select your preferred date.

ACHRITA RESEARCH IN PROGRESS SEMINARS

All researchers and trainees are welcome to join the ACHRITA Research in Progress Seminars held the first Tuesday of each month, 12 - 1 pm

The next RIP seminar is on Tuesday, April 4, 2023, 12 - 1 pm, HSC Libin Theatre.

Presenters:

- Madison Long (Catherine Lebel lab): “Structural gray matter development in young children with prenatal alcohol exposure"
Research Services is seeking Faculty members with biomedical and health research projects to mentor high school students for the 2023 Highschool Youth Researcher Summer (HYRS) Program. The HYRS program offers Grade 11 students an opportunity to participate in a paid research program supervised by a UCalgary faculty member. HYRS is funded by Alberta Innovates. Stipends are paid by the Research Services Office.

The HYRS program will run from July 7 to August 18, 2023. In addition to research, HYRS members will participate in programs such as guest lectures and lab tours. For more information about the HYRS program visit the Alberta Innovates Highschool Youth Researcher Summer Program webpage.

Questions? rsotrainee@ucalgary.ca

GRADSNACKS NEEDS YOUR HELP
A survey of graduate students on Foothills campus showed 50 per cent of respondents struggled with food insecurity, and 80 per cent said they can’t bring enough food to get through their day.

With these results, ACHRI graduate student volunteers Taylor Scheidl and Jessica Wager contacted the Graduate Students’ Association and were awarded a Quality Money grant to start the GradSnacks program. Operating out of the ZenDen in HSC G214, it is available to all Foothills campus graduate students. View feedback.

Although GradSnacks has received significant support from the community, demand for the program outweighs the current funding. GradSnacks is seeking your support to sustain the program.

Donate to GradSnacks.

Read the UToday story.

Questions? Contact Taylor at taylor.scheidl@ucalgary.ca or Jessica at jessica.wager@ucalgary.ca

ACHRI TRAINEES

TRAINEE FUNDING OPPORTUNITIES

Brain Canada Foundation: 2023 Master's Personnel Awards for Black Scholars
The objective of the competition is to increase the number of highly qualified Black trainees across Canada committed to working in the fields of heart and brain research.
Deadline: Monday, May 1, 2023
Details

Brain Canada Foundation: 2023 Doctoral Personnel Awards for Black Scholars
This competition aims to increase the number of highly qualified Black trainees across Canada committed to working in the fields of heart and brain research.

**Deadline: Monday, May 1, 2023**

**Details**

Please visit the ACHRI trainee funding page for funding opportunities.

**TRAINEE REGISTRATION**

In order to receive the ACHRI newsletter, updates and access to ACHRI trainee funding and workshops please register.

**FUNDING OPPORTUNITIES**

**2023 THRIVE Grant**
THRIVE offers funding for basic science, clinical, and translational research that enhances our ability to predict when and how adverse effects may occur in patients who have received cancer treatment and supports the development of approaches to avoid or lessen these effects.

**Deadline: Wednesday, April 5, 2023 (RSO Internal)**

**Details**

**2023 Alex's Lemonade Stand REACH Grant**
The Reach Grant provides support for important preclinical hypothesis-driven research projects that are necessary to move a study from the pre-clinical arena into a clinical trial. The goal of this award is to support translational studies that will result in a phase 1 and/or 2 clinical trial, two to three years from the project start date.

**Deadline: Thursday, April 6, 2023 (RSO Internal)**

**Details**

**Cystinosis Research Foundation (CRF)**
CRF has $5 Million available for new research grants and fellowships with the goal of funding the best and most promising research in the world in an effort to find better treatments and a cure for cystinosis.

**Deadline: Tuesday, April 11, 2023**

**Details**

**Sick Kids New Investigator Research Grant**
These grants enable early-career researchers to make a meaningful contribution to the fight for children’s health. They are jointly sponsored by SickKids Foundation and the CIHR Institute of Human Development, Child and Youth Health. Grant recipients may obtain up to three years of support for research in the biomedical, clinical, health systems and services, population and public health sectors.

**Deadline: Monday, April 17, 2023**

**Details**

**2023 Brain Tumour Research Feature Grant**
This opportunity supports research in Pediatrics, Glioblastoma and Quality of Life that are Brain Tumour related. Applications can be from multidisciplinary teams or individual investigators. Multidisciplinary collaborations are encouraged. Applications will be considered for Basic, Clinical or Translational Projects.

**Deadline: April 14, 2023**

**Details**

**Alberta Innovates Accelerating Innovations into CarE (AICE) - Validate Program**

This program supports Alberta innovators to advance their Product-Market Fit, Business Readiness, Regulatory Compliance, and Product Development of their health innovations during the committing and early validation phases of their commercialization journey.

**Deadline: Tuesday, April 25, 2023**

**Details**

**SSHRC Connection Grant May 2023**

Connection Grants support events and outreach activities geared toward short-term, targeted knowledge mobilization initiatives. These events and activities represent opportunities to exchange knowledge and to engage with participants on research issues of value to them.

**Deadline: Wednesday, April 26, 2023**

**Details**

**Barb Ibbotson Chair in Pediatric Hematology**

This opportunity supports research relevant to Pediatric Hematology, Oncology, Transplant, Immunology. Projects should be hypothesis generating, other types of studies will be considered, such as quality improvement projects or translational research. Projects may be clinical, translational, or basic science in nature. Residents, clinical assistants, research assistants and allied health practitioners are eligible.

**Deadline: Monday, May 1, 2023**

Please contact Dr. Nicola Wright with questions.

**2023 Alex's Lemonade Stand 'R' Accelerated Grant**

The R Accelerated Award Grant is to advance ALSF’s mission to find cures and better treatments for childhood cancers by providing support to scientists focused on pediatric oncology research.

**Deadline: Monday, May 8, 2023 (RSO Internal)**

**Details**

**2023 Alex's Lemonade Stand 'A' Award Grant**

The 'A' Award Grant is to advance ALSF’s mission to find cures and better treatments for childhood cancers by providing support to early career scientists who want to establish a career in pediatric oncology research.

**Deadline: Monday, May 8, 2023 (RSO Internal)**

**Details**
Team Grant: THINC Knowledge Mobilization & Impact Hub
Operating as a single coordinating centre, the THINC Impact Hub will build and support a vibrant pan-Canadian learning community involving all THINC grantees and knowledge user communities towards advancing evidence-informed integrated care transformation and catalyze progress towards achieving the Quadruple Aim and health equity.

**Deadline: Thursday, May 11, 2023**

Details

CIHR New Investigator Salary Award: Health System Impact Embedded Early Career Researcher (ECR) Award
This award supports embedded ECRs, increase their potential for impact and contribution as embedded scholars, and increase the probability that they will secure an embedded scientist position with a Canadian health system organization and/or a faculty position in a Canadian academic institution. This program will generate additional research capacity within health system organizations for learning and improvement, helping to further advance learning health systems across Canada.

**Deadline: Friday, May 12, 2023**

Details

Arthritis Society Canada Ignite Innovation Grant
This salary award and research funding supports research programs aligned with Arthritis Society Canada's 2020-2025 Research Strategy.

**Deadline: Tuesday, May 16, 2023 (Registration Deadline)**

Details

Arthritis Society 2023 Stars Career Development Awards
This program supports the development and testing of transformative, paradigm-shifting, concepts and approaches to address critical barriers to progress in arthritis research, challenge our understanding of arthritis and its management, and generate novel approaches to confront the challenges we face in defeating arthritis and delivering the best evidence-informed care possible.

**Deadline: Tuesday, May 16, 2023 (Registration Deadline)**

Details

Canada Biomedical Research Fund and Biosciences Research Infrastructure Fund —Stage 2
This opportunity supports: (1) Partnered, applied research in the biomanufacturing and life sciences sector to accelerate the translation of discoveries into products and services, (2) Partnered talent development to provide skills and training to drive innovation and growth in Canada’s biomanufacturing industry and (3) Research infrastructure to support Canada’s biosciences research needs.

**Deadline: Thursday, June 1, 2023 (NOI)**

Details
Pre-Announcement: CIHR National Women's Health Research Initiative: Biomedical Discovery Grant
This funding opportunity supports high risk, high reward research in high-priority areas of women's health research. This opportunity supports basic science and/or other types of preclinical studies that have the potential to make significant advancements in women's health.
Registration Deadline: June 2023
Details
Visit ACHRI website for funding opportunities.

EVENTS AND SEMINARS

Mini-Medical School Lecture
The Interplay of the Microbiome with Neurodiversity in Children
Monday, April 3, 2023
6:30 - 8 pm
Drs. Laura Sycuro and Davide Martino
Register

Neonatal Grand Rounds
Fluid Management in Extremely Preterm Infants Born at 22-24 Weeks of Gestation
Tuesday, April 4, 2023
4 - 5 pm
Dr. John Agren
Register

Paediatric Grand Rounds
Introducing The Summit: Marian & Jim Sinneave Centre for Youth Resilience
Wednesday, April 5, 2023
8:30 - 9:30 am
Drs. Jason Taggart & Whitney Hindmarch
Register

Owerko Neurodevelopmental Clinical Rounds
Looking at the Forest and the Tree
Wednesday, April 5, 2023
12 - 1 pm
Drs. Kara Murias, Ping-Yee Billie Au & Pamela Veale
Register

Developmental Genetics Research in Progress
Wednesday, April 5, 2023
1 - 2 pm
Dr. Sisu Han (Deborah Kurrasch lab)
Linjun Xie (Peng Huang lab)
G500
Alberta SPOR Support Unit - Patient Engagement Team Journal Club
Partnering for Pain: a Priority Setting Partnership to Identify Patient-Oriented Research Priorities for Pediatric Chronic Pain in Canada
Wednesday, April 19, 2023
10 - 11 am
Dr. Katie Birnie & Isabel Jordan, Patient Partner
Register

Owerko Centre
Neurodevelopmental Conditions in the Classrooms: How to Support Children with Fragile X Syndrome
Wednesday, April 19, 2023
3:30 – 5 pm
Drs. Kara Murias, Billie Au, Gabrielle Wilcox; Karen Kelm
Register

Steacie Prize Lecture
Wednesday, April 26, 2023
3 – 4 pm, with a reception to follow
Dr. Catherine Lebel
Clara Christie Theatre, Health Sciences Centre
Register

2023 Lecture of a Lifetime
Purposefully travelling towards the unknown
May 3, 2023
5:30 – 6:30 pm
Dr. Jay Cross
MacEwan Ballroom (3rd floor), MacEwan Student Centre
Register

11th Annual Dr. Harvey B. Sarnat Lectureship and Mini-Symposium in Developmental Neuroanatomy and Neuropathology
The Role of the Corpus Callosum in Developmental Disorders
Monday, May 8, 2023
8:30 am - 2:00 pm
Theatre 3, Health Sciences Centre, Foothills Campus
Register by Friday, April 28

Owerko Centre Conference
Neurodiversity and Intersectionality
Tuesday, May 30, 2023
Health Sciences Centre, Foothills Campus
Registration Opening Soon
2023 Knowledge Translation Canada Summer Institute
Wednesday, June 14 - Friday, June 16, 2023

Register

For all events visit the ACHRI calendar.

SEND US YOUR NEWS!

Please send research discoveries, publications, and partnerships to Fiona Mackenzie at r4k@ucalgary.ca

Visit us:
research4kids.ucalgary.ca

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