

February 14, 2022



UCALGARY ALUMNI AWARD



Congratulations **Dr. Adam Kirton**, MD, MSc'96, PGME'05, the recipient of the **2022 Cumming School of Medicine Alumni of Distinction Award in Research**. Dr. Kirton is an internationally renowned researcher in pediatric stroke and perinatal brain injury and a practicing pediatric neurologist at the Alberta Children's Hospital. As the founder and director for the ACH Brain Computer Interface Laboratory (BCI4kids), Dr. Kirton's vision is to ensure children with physical disabilities have access to cutting-edge technology to meaningfully improve their independence and participation in the world around them.

FUNDING SUCCESS

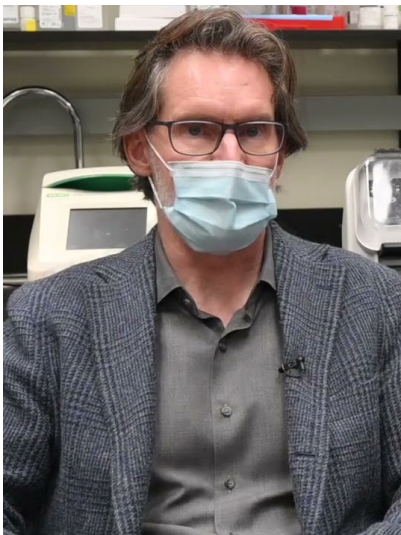
Congratulations to **Dr. Nicola Wright** who was awarded the **Jeffrey Modell Foundation Translational Research Grant** in collaboration with Dr. Don Kohn, UCLA, for their submission "Gene Therapy for CD3delta Severe Combined Immune

Deficiency (CD3 δ SCID)". Dr. Wright is a Clinical Associate Professor in pediatrics whose primary research involves diagnosis and management of patients with severe SCID prior to curative therapy. This study will produce a safe and effective gene therapy for patients with CD3 δ SCID, improving survival and significantly reducing long term illness.



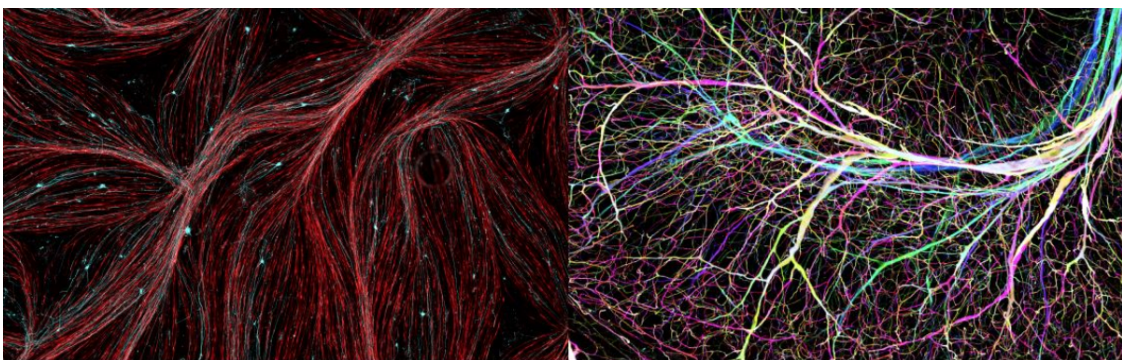
This work may also demonstrate the feasibility and efficacy of personalized medicine for children with rare pediatric infectious diseases.

COVID-19 VACCINE AND KIDS



Dr. Steven Greenway is encouraging parents to vaccinate their children against COVID-19. A pediatric cardiologist, Dr. Greenway says that rare heart complications occurring in kids exposed to COVID-19 are more likely to develop when they are exposed to the virus in the community, rather than through the vaccines. "In my experience, myocarditis related to the vaccine has been mild and has not caused a decrease in heart function. Myocarditis associated with natural exposure to a virus is more serious and potentially more permanent." Dr. Greenway has **developed a video** to share this information and help parents to make informed decisions. [Read more.](#)

STRIKING IMAGE COMPETITION 2022



Showcase your research in the **Striking Image Competition**, hosted and organized by the **Advanced Imaging and Microscopy Network**, by submitting biology-related images captured on any optical microscope across the UCalgary. The competition celebrates microscopy excellence and promotes colour blind friendly images. There

are five competition categories, including the "ACHRI" category for images generated in the HMRB222 facility or on the Lightsheet.Z1 microscope in Dr. Hallgrimsson's lab. Deadline is Tuesday, March 1, 2022. [Read more](#)

FUNDING SUCCESS



Congratulations to **Dr. Marinka Twilt** on her 2021 Arthritis Society funding. Dr. Twilt was awarded a Strategic Operating Grant for her project: "Three-dimensional facial imaging compared to MRI for JIA associated TMJ arthritis: Identifying easier access and a more patient-friendly method." Dr. Twilt is a clinician scientist and member of ACHRI's Care Transformation for Children Program. This study will be performed in collaboration with ACHRI Deputy Director Dr Benedikt Hallgrimsson's morphometrics lab.

LATEST PODCASTS

Listen to the Recent 'Now Innovating' Podcast where Carlene Donnelly, Executive Director of the Calgary Urban Project (CUPS), talks about partnering with ACHRI researcher **Dr. Karen Benzies** [Listen here](#).

Tune in to the Owerko Centre's first Podcast for 2022. In this episode, **Dr. Catherine Lebel** talks about brain development in kids with prenatal alcohol exposure: What it is? What factors need to be considered? How imaging science helps this study? And longitudinally, what more needs to be done to understand the pre/postnatal environment for these kids and their families. [Listen here](#).

HELP US IMPROVE THE TRAINEE WEBPAGES

Calling all trainees! You could win one of three \$25 book prizes by giving your feedback about the Training webpages on the ACHRI website. Please fill in this [five minute survey](#) by **Wednesday, February 16 at 4:30 pm** to help us improve your user experience.

GRANT OPPORTUNITIES

Pediatric Health Outcomes Research Program

This program has been established to improve our understanding of the impact of changes in care delivery on children's health outcomes. Women and Children's Hospital Research Institute and ACHRI are teaming up to support provisional partnerships to answer questions that impact child health system changes.

Deadline: Tuesday, February 15, 2022

[Details](#)

CIHR Spring 2022 Project Grant Program - Deadline Extended

This program is designed to capture ideas for advances in fundamental or applied health-related knowledge, health care, health systems, and/or health outcomes by supporting projects conducted by individual researchers or groups of researchers in all areas of health.

Deadline: Wednesday, February 16, 2022 (Registration)

March 14, 2022 (Full Application)

[Details](#)

ACHRI-WCHRI Team-Based Research Development Fund

ACHRI is partnering with the Women and Children's Hospital Research Institute to support the development of Alberta-led research teams focused on maternal-child health.

Deadline: Friday, March 4, 2022

[Details](#)

Alberta Innovates: Partnership for Research and Innovation in the Health System (PRIHS) 7

This program is designed to align the knowledge production efforts of researchers with the evidence needs of the health system through the implementation of promising solutions to priority health system challenges in collaboration with SCN's and Integrated Provincial Programs.

Deadline: Monday, April 5, 2022

[Details](#)

Sick Kids New Investigator Research Grant

This program provides support to child health researchers early in their careers so that they can complete with more senior investigators for research grants from other funders. 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: Friday, April 15, 2022

[Details](#)

CIHR Pediatric Cancer Consortium

The Consortium will advance a shared vision to collaborate and produce research to influence policy and practice predicated on better science, better access, and better coordination to improve lives of pediatric cancer patients and their families/caregivers.

Deadline: Thursday April 21, 2022

[Details](#)

CIHR Chief Public Health Officer (CPHO) Report 2021: Future of Public Health

This funding opportunity will support research on the population and public health priorities identified in the 2021 [CPHO Annual Report](#) with a portion of the funding reserved for Early Career Researchers.

Deadline: Friday April 29, 2022

[Details](#)

E-Rare-6 Joint Transnational Call (2022)

This program is committed to expanding the diagnosis and treatment of rare diseases by bringing together interdisciplinary teams of researchers from across Canada and the European Community to collaborate for better health outcomes for the rare disease patient community. The topic of the call is development of new analytic tools and pathways to accelerate diagnosis and facilitate diagnostic monitoring of rare diseases.

Deadline: Friday, June 10, 2022

[Details](#)

Pre-announcement: Mental Health in the Early Years - Implementation Science Team Grants

The goal of this program is to fund implementation science research that enhances our understanding of how to improve the systematic and equitable implementation of evidence-based interventions for young children (girls, boys and gender diverse children ages 0-5) and their caregivers.

Deadline: June 2022

[Details](#)

Visit ACHRI [website](#) for funding opps

TRAINEE FUNDING OPPORTUNITIES

CIHR Health System Impact Fellowship

Open to doctoral trainees and post-doctoral fellows studying HSPR, this program supports embedded research opportunities within applied health system settings outside of the traditional university environment.

Stream A: HSI Award for Doctoral Trainees: Up to \$50,000 per year for up to 1 year

Stream B: HSI Awards for post-Doctoral Fellows: Up to \$155,000 for 2 years

Deadline: Thursday, March 3, 2022

[Details](#)

Visit ACHRI [website](#) for trainee funding opps.

Trainees: if you haven't done so already please complete the [ACHRI Trainee Registration Form](#).

EVENTS AND SEMINARS

OADR Grant Development Team

CIHR Project Grant Spring 2022 Faculty Info Sessions

Monday, February 14, 2022

2 - 3 pm

[Register](#)

Research Services: Knowledge Engagement Team

Navigating Partnered Research: Knowledge Mobilization Planning and Strategy

Wednesday, February 16, 2022

10 - 11 am

[Register](#)

Connecting to Protect: Global Virtual Summit

Stronger Together – protecting children from online pornography by inviting a public health response

Wednesday, February 16, 2022 - Friday, February 18, 2022

[Register](#)

Libin Cardiovascular Institute External Speaker Series

Developmental origins of adult cardiovascular disease: Can the placenta be a therapeutic target?

Wednesday, February 23, 2022

12 - 1 pm

Dr. Sandra Davidge

[Register](#)

Medical Genetics Seminar Series

EpiSign-CAN: Assessing the Improvement in Diagnosis of Rare Diseases using Clinical Epigenomics in Canada

Friday, February 25, 2022

9 - 10 am

Dr. Bekim Sadikovic, Haley McConkey

Please contact manjir@ucalgary.ca for Zoom info

Child Health and Wellness Seminar

Introducing Mechanoplripotency and the Shear Fun of Cellular Reprogramming

Monday, February 28, 2022

8:30 - 9:30 am

Dr. Derrick E. Rancourt

[Register](#)

Research Services: Knowledge Engagement Team

Navigating Partnered Research: Finding your Fit

Monday, February 28, 2022

2 - 3:30 pm

[Register](#)

For all events visit the [ACHRI calendar](#)

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Visit us:

research4kids.ucalgary.ca

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