



JANUARY 17, 2022

Happy New Year! Our deepest gratitude for your incredible work in child health and wellness – particularly this year.

STAFF NEWS

Please join us in welcoming **Fiona Mackenzie** as **ACHRI's Knowledge Translation Specialist**. Spending the past eight years at the University of Alberta in the Faculties of Nursing and Medicine, Fiona supported large-scale research programs focused on improving the care of frail older adults. Working primarily within an integrated knowledge translation research program, Fiona has experience developing strong research relationships to enable partnered approaches to research design, implementation and dissemination of findings. Fiona is working closely with Karen Thomas and DeAnna Kweens on ACHRI's communications and community engagement team to support KT strategies across the child health and wellness community.

DIRECTOR UPDATE

We are proud to announce **Dr. Benedikt Hallgrímsson** as **Deputy Director of ACHRI**. Dr. Hallgrímsson is a professor and head of the Department of Cell Biology & Anatomy, and an



adjunct professor in the Faculty of Arts and the Faculty of Veterinary Medicine. As ACHRI's Scientific Director of Basic Science, Benedikt has played a pivotal role in developing and implementing the Child Health and Wellness Strategy - announced as a campus-wide research priority in November, 2020.

An internationally-recognized biological anthropologist and evolutionary biologist, Dr. Hallgrímsson's discoveries in precision health are helping us to better understand the earliest building blocks of life and the development of people, animals and organisms. [View profile](#)

CIHR RESEARCH EXCELLENCE



Congratulations to six ACHRI researchers who have been collectively awarded over \$1 million in research funding from the Canadian Institutes of Health Research (CIHR). Spanning 5 faculties at the University of Calgary, **Dr. Catherine Lebel** (Cumming School of Medicine), **Dr. Nicole Letourneau** (Faculty of Nursing), **Dr. Sheri Madigan** (Faculty of Arts), **Dr. Amy Metcalfe** (Cumming School of Medicine), **Dr. David Nicholas** (Faculty of Social Work) and **Dr. Jennifer Zwicker** (Faculty of Kinesiology) will explore the physical, mental and emotional impacts of the COVID-19 pandemic on children, youth and their families. [Read more](#)

WELCOME TO OUR NEW MEMBERS



Welcome to our new ACHRI member, **Dr. Valerie Taylor**! The Head of the Department of Psychiatry, Dr. Taylor is joining ACHRI's Precision Medicine & Disease Mechanisms Program. While clinically an adult psychiatrist, her research focuses on the role of the gut microbiome in early childhood in the cause and trajectory of mental illness. [View Profile](#)

Welcome to **Dr. Paivi Miettunen** who is joining the Care Transformation for Children Program at ACHRI! Dr. Miettunen is an associate professor in the Department of Pediatrics. Her research focuses on rare autoinflammatory diseases and the effect of bisphosphonates in treating osteonecrosis in pediatric leukemia patients. Her research also explores the impact of expressive arts in pediatric patients with pain and chronic disease. [View Profile](#)

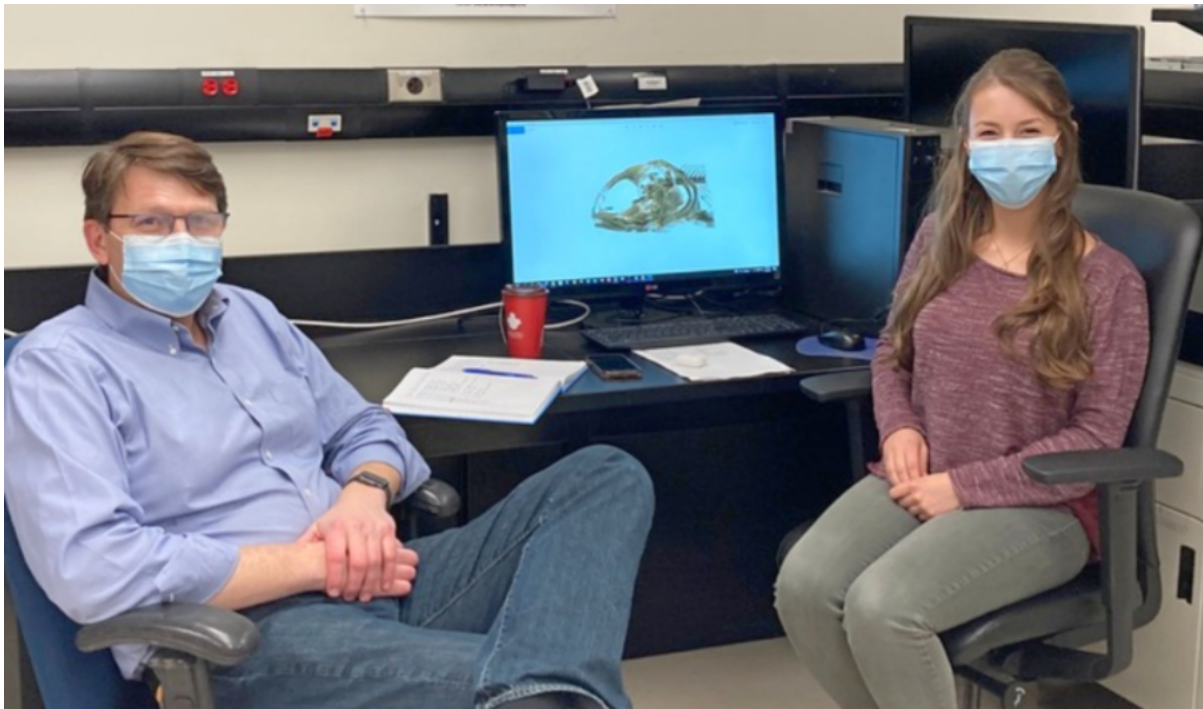
COVID-19 CATALYST FUNDING



Huge thanks to the Alberta Children's Hospital Foundation for supporting an international study helping better understand the impact of COVID-19 infections and the risk of severe outcomes in children around the world.

Co-led by ACHRI scientist Dr. Stephen Freedman, and colleagues in the US, this study followed children presenting to Emergency Departments (EDs) in 10 different countries. The study found that older age, having a pre-existing chronic condition, and symptom duration were important risk factors for severe outcomes of COVID-19. These findings provide important insights about which children may be at particular risk for severe outcomes and can also contribute to better care in the ED by allowing more effective triage of patients. Congratulations Dr. Freedman! [Read more](#)

STUDENT INNOVATION



A big congratulations to Avrille Aiello on being honoured with the Student's Union Sustainability Award. Working in the lab of Dr. Benedikt Hallgrímsson, Avrille spent the past year creating 3-D models of Icelandic Arctic charr to better understand how the unique environment influenced their bodyshape. As part of a larger collaboration with the University of Iceland, this research describes how factors such as diet impact body structures and informs future studies on physical adaptations to new environments.

Avrille summarized her work in a [video presentation](#) for the Students' Union Undergraduate Research Symposium. Great work Avrille!

GRANT OPPORTUNITIES

Neurosciences Rehabilitation & Vision SCN 2022 Seed Grant Competition

This program supports foundational research in neurosciences, rehabilitation, and vision that transforms patient outcomes and improves the experience of patients and families.

Deadline: Monday, January 31, 2022

[Details](#)

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 the development of provincial partnerships that will answer questions that impact child health system changes.

Deadline: Tuesday, February 15, 2022

[Details](#)

CIHR Project Grant Program

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 9, 2022 (Registration), March 7, 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](#)

Visit ACHRI [website](#) for funding opps

TRAINEE FUNDING OPPORTUNITIES

Alberta Health Services Critical Care Strategic Clinical Network Summer Studentship Award

Open to undergraduate students

\$7,500 per student over 4 months between May and August 2022 to stimulate an interest in critical care research or clinical practice in critical care medicine.

Deadline: Tuesday, February 1, 2022

[Details](#)

[Application Form](#)

ACHRI Summer Studentships

Open to undergraduate students

Student Submission Deadline: Friday, February 4, 2022

Supervisor Submission Deadline: Friday, February 11, 2022

[Award Guide](#)

[Application Form](#)

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, February 24, 2022

[Details](#)

Charlie Fischer Postdoctoral Fellowship in Advancing Patient and Family Relevant Research

This award was created through a gift honouring Mr. Charlie Fischer by ACHRI SAB

Chair Randy Findlay and his wife Claudia – both serve on Alberta Children's Hospital Foundation (ACHF)'s Patrons' Council. Our thanks to ACHF for partnering on this fellowship.

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

EVENTS AND SEMINARS

CSM Department of Pediatrics, Section of Neonatology Sonographic Screening for Developmental Dysplasia of the Hip: Evidence and Recommendations

Tuesday, January 18, 2022

4 - 5 pm

Dr. Kaspar Ng

[Register](#)

OADR Grant Development Office Adventures in Research Series - Episode 1

Wednesday, January 19, 2022

2 - 3 pm

Dr. Ashley Harris, Dr. Dana Olstad

[Register](#)

One Health Circle

One Health Within: Establishing healthy microbiomes in infants

Wednesday, January 19, 2022

7 - 8 pm

Dr. Kathy McCoy, Dr. Laura Sycuro

[Register](#)

University of Alberta - Pediatric Grand Rounds

Do Look Up: Cultivating a Climate-Change Lens in Clinic Practice & Health Systems

Thursday, January 20, 2022

8 - 9 am

Dr. Anna Gunz

[Register](#)

Maternal and Child Health Seminar Series

MSc Student Research Presentation

Monday, January 24, 2022

12 - 1 pm

Sarah Williamson-Urquhart

[Register](#)

Women and Children's Health Research Institute

CCHCSP Learning Session: How to write a lay abstract

Wednesday, January 26, 2022

11:30 am - 1 pm

Dr. Meghan Riddell

[Register](#)

Medical Genetics Seminar Series

Public Health and Genetics: Working Together to Improve the Health of Communities

Friday, January 28, 2022

9 - 10 am

Dr. Sonja A. Rasmussen

Please contact manjir@ucalgary.ca for Zoom info

Calgary Adapted Hub - Powered by Jumpstart

Research & Community Engagement Seminar: Robotic Gait Trainers to facilitate Adapted Physical Activity

Thursday, January 27, 2022

4 - 5 pm

Dr. Elizabeth Condliffe

[Register](#)

CIHR SPOR ATTACH (Attachment and Child Health)

Strengthening Resilience in Times of Adversity: A Tool for Clinical Practice (Testing a Working Model)

Friday, January 28, 2022

12 - 1:30 pm

Nancy Mannix, Chair and Patron of the Palix Foundation

[Register](#)

**Alberta's Partnership for Research and Innovation in the Health System (PRIHS)
Virtual Engagement Information Session: PRIHS 7 funding opportunity (Digital Health)**

Thursday, January 27, 2022

1 – 3 pm

[Register](#)

Child Health and Wellness Special Seminar

The Maternal-Infant Research on Environmental Chemicals Research Platform: Overview and Update

Thursday, February 3, 2022

11 - 12 pm

Dr. Jillian Ashley-Martin, Health Canada

[Register](#)

Owerko Centre Translational Methods Seminar

Comparing and contrasting questions asked by model organism research and

human neuroimaging studies to better understand the developing brain

Thursday, February 3, 2022

12 - 1 pm

Dr. Kathryn Manning, Dr. Gillian England-Mason, Dr. Deepika Dogra, Dr. Jing Zheng

[Register](#)

Office of Research Services

Start Here: Building and Presenting your EDI plan for Tri-Council Funding

Applications

Friday, February 4, 2022

12 - 1 pm

Jaya Dixit, Equity, Diversity, and Inclusion Advisor

Caroline Morrison, Manager, Process Facilitation

Emma Koiston, Manager, External Grants

[Register](#)

Office of Professionalism, Equity, and Diversity

2022 Building the Equity Bridge Symposium

Monday, February 7, 2022

Details to Follow

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](#)

Child Health and Wellness Research Retreat

Monday, May 2, 2022 at 4:30 pm (Networking Session)

Tuesday, May 3, 2022 from 9 am – 3:30 pm (Research Retreat)

Details to follow

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

SEND US YOUR NEWS!

We love to hear your news - please send discoveries, research publications, and grants to Fiona Mackenzie at r4k@ucalgary.ca

Visit us:
research4kids.ucalgary.ca

You are receiving this newsletter because you are a student, faculty, staff, alumni, donor or partner of ACHRI.



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