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 ACHRRI 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-Urquhat
Register

Women and Children's Health Research Institute
CCHCSP Learning Session: How to write a lay abstract
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

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

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

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

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

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

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

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