Congratulations to ACHRI trainee, Abdullah Al-Ani, whose studentship work is referenced in an updated version of the Guidance Document on Good Cell and Tissue Culture Practice 2.0 (GCCP 2.0). The GCCP 2.0 was developed for use in the
Congratulations to Dr. Sheri Madigan who is the recipient of the Chaim and Bela Danieli Young Professional Award from the International Society for Traumatic Stress Studies! This honor recognizes Dr. Madigan’s research excellence in the field of adversity and resilience science. Dr. Madigan’s research has identified factors that can help to break cycles of intergenerational risk and adversity.

Serving on the Scientific Advisory Committee of the guide, Dr. Ungrin encourages ACHRI trainees to read the GCCP 2.0 as a valuable tool for conducting cell culture work, especially if clinical applications are anticipated.

RESEARCHER YOUNG PROFESSIONAL AWARD

Congratulations to Dr. Sheri Madigan who is the recipient of the Chaim and Bela Danieli Young Professional Award from the International Society for Traumatic Stress Studies! This honor recognizes Dr. Madigan’s research excellence in the field of adversity and resilience science. Dr. Madigan’s research has identified factors that can help to break cycles of intergenerational risk and adversity.

POSTDOC RESEARCH SLAM

Congratulations to ACHRI trainees Deepika Dogra (People’s Choice award) and Samantha Noyek (3rd place) who presented their work in UCalgary’s third annual Postdoc Research Slam. The Research Slam challenges Postdocs to present an accessible and engaging talk in three minutes with only one PowerPoint slide. Read more.

Dr. Deepika Dogra, a Postdoctoral Fellow in medical genetics under the supervision of Dr. Deborah Kurrasch, is exploring a precision medicine approach to modeling a laboratory to assure the reproducibility of cell-based work. Al-Ani’s paper on oxygenation in cell culture is incorporated into the physical environmental conditions section of the practice guide. An MD-PhD Candidate & CIHR Scholar in the Biomedical Engineering graduate program under the supervision of Dr. Mark Ungrin, Al-Ani is utilizing stem cell and tissue engineering approaches to establish transplantable microtissue for enhanced function and survival upon transplantation.

Serving on the Scientific Advisory Committee of the guide, Dr. Ungrin encourages ACHRI trainees to read the GCCP 2.0 as a valuable tool for conducting cell culture work, especially if clinical applications are anticipated.
Dr. Samantha Noyek is a Postdoctoral Fellow in psychology under the supervision of Drs. Katie Birnie and Melanie Noel. Dr. Noyek is spearheading a novel research approach to explore how youth can use photos to communicate their experiences their major surgery journeys. Watch video

CHIR FUNDING SUCCESS

Congratulations to Dr. Stephen Freedman who has received CIHR funding to further support an NIH-funded, 26-site study investigating a new treatment protocol for Shiga toxin-producing E.coli (STEC) infection. Commonly found in cattle, STEC can spread to humans with over 60% of the infections occurring in children. Given the abundance of cattle, sloped terrain, food crops and the use of well water, Alberta has one of the highest rates of STEC infection in the world. The study aims to prevent disease progression and neurologic complications in children and, ultimately, a change in clinical practice to reduce the burden of long-term complications of STEC infections.

PUBLICATION NEWS

Congratulations to Dr. Tyson Sawchuk, Pediatric Psychologist and professor in pediatrics on his recent publication: A broader perspective: Functional symptoms beyond Neurology. In this paper, Dr. Sawchuk and colleagues from the University of South Florida and Harvard Medical School explore the lack of consistency in terminology, diagnostic and treatment approaches to the functional (psychogenic) symptoms that exist in all medical subspecialties. This work will help improve recognition and communication across medical specialties resulting in earlier and more definitive diagnoses for patients.

HIGH SCHOOL YOUTH RESEARCHER SUMMER (HYRS) PROGRAM

Research Services is seeking mentors for the 2022 High School 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 seeking faculty members with biomedical and health research projects to mentor high school students funded by Alberta Innovates and
paid by the Research Services Office. HYRS is expected to run in-person from July 4th to August 15th, 2022.

If you are interested in mentoring, please complete the mentor information form. For additional information, email: haley.leavitt@ucalgary.ca

GRANT OPPORTUNITIES

**CIHR Spring 2022 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.  
**March 14, 2022 (RSO Internal Deadline)**  
[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 in Child and Youth Health**  
This program provides support to child health researchers early in their careers so that they can compete 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

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

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

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

Visit ACHRI website for trainee funding opps.

Trainees: if you haven’t done so already please complete the ACHRI Trainee Registration Form.
Child Health and Wellness Seminar
Introducing Mechanoplasipotency and the Shear Fun of Cellular Reprogramming
Monday, February 28, 2022
8:30 - 9:30 am
Dr. Derrick E. Rancourt
Register

Health Research Platform Strategy Lunch & Learn
Demystifying Decentralized Trials - IQVIA's Patient-Centric Decentralized Clinical Trial Solution
Monday, February 28, 2022
12 - 1 pm
Register

Research Services: Knowledge Engagement Team
Navigating Partnered Research: Finding your Fit
Monday, February 28, 2022
2 - 3:30 pm
Register

CCHCSP/CHRIM Mentorship Session
Panel Discussion: Negotiating your First Job
Tuesday, March 01, 2022
12 - 1 pm
Dr. Meaghan Jones, Dr. Kyle Millar, Dr. Peter Thompson, Dr. Brandy Wicklow
Register

OWERKO Neurodevelopmental Clinical Rounds
Suicidality in Autism: A Novel Protocol for Studying Intra-Individual Variation
Wednesday, March 2, 2022
12 - 1 pm
Kate Godfrey, PhD Candidate
Register

Conversation Canada Workshop
An opportunity for Knowledge Mobilization
Monday, March 7, 2022
1 - 3 pm
Scott White, CEO and Editor-in-Chief of The Conversation Canada
Dr. Penny Pexman, Associate VP Research
Register

Child Health and Wellness Special Seminar
Early Life Stress and the Developing Brain: Developmental Outcomes in Infants Born Preterm
Wednesday, March 9, 2022
12 - 1 pm
Dr. Emma Duerden
Register

ATTACH Webinar Series
Adverse Childhood Experiences (ACEs): Mitigating the Effects of Adverse Childhood Experiences to Reduce Early Childhood Trauma
Friday, March 25, 2022
12 - 1 pm
Dr. Lubna Anis
Register

Garrod Symposium 2022
Precision Medicine in IEMs
Thursday, May 12, 2022 - Saturday, May 14, 2022
Register

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

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