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AUGUST 19, 2024



SAVE THE DATE: ACHRI & ONE CHILD EVERY CHILD RESEARCH RETREAT



**Mark your calendars!**

**ACHRI & One Child Every Child Research Retreat**  
**Thursday, November 21 & Friday, November 22**  
**MacEwan Hall, UCalgary**

This in-person event will focus on both ACHRI and the One Child Every Child initiative. The retreat will feature keynote presentations, interactive working sessions, trainee presentations and the ACHRI annual general meeting. More details to come.

WELCOME NEW MEMBERS!



Please join us in welcoming:

- **Dr. Jena Hall**, a Clinical Assistant Professor in the Department of Obstetrics & Gynaecology, to the Maternal and Child Health Program.
- **Dr. Nicolas Jacquelot**, an Assistant Professor in the departments of Biochemistry & Molecular Biology, and Microbiology, Immunology & Infectious Diseases, to the Childhood Cancer and Blood Disorders Program.
- **Dr. Tara-Leigh McHugh**, a Professor in Faculty of Kinesiology, to the Healthy Children, Families and Communities Program.

## USING UCALGARY PROFILES

As UCalgary is moving to a central profile system, ACHRI member profiles were unpublished as of July 31. You can find your UCalgary profile link in the **ACHRI member directory** and the **UCalgary central profile website**.

If you need help editing and customizing your profile, please email [digital@ucalgary.ca](mailto:digital@ucalgary.ca).

## AWARDS



### Celebration Honours Clinical Rheumatologist

Congratulations to Dr. Nicole Johnson on being honoured at the UCalgary Black Brilliance Celebration for her work advocating for children with rheumatic diseases. Dr. Johnson's commitment to community awareness and medical education, coupled with her research and clinical practice, make her a respected figure in paediatric rheumatology.

[Read more](#)



Congratulations to:

- **Drs. Perri Tutelman and Ulises Charles-Rodriguez** on their UCalgary 2024 Postdoctoral Innovation Fellowships. [Read more](#)
- **Drs. Nicole Culos-Reed, Charlene Elliott, Mea Wang and Shane Sinclair** on being named UCalgary Research Excellence Chairs. [Read more](#)

## PUBLICATIONS

## Study Reveals Evidence for Neural Sex Differentiation in the Fetal Brain and the Impact of BPA Exposure

A recent study in mice challenges the long-held belief that brain sex differentiation occurs around birth. In this paper, **Dr. Deborah Kurrasch** and her team identified an early period important for determining sex, similar to the second trimester in humans. By examining vasopressin neurons linked to sex-specific behaviors, they found that sex differentiation can start before the testes fully develop. The study was published in *Proceedings of the National Academy of Sciences*. **Read more**

- **Ustekinumab for type 1 diabetes in adolescents: a multicenter, double-blind, randomized phase 2 trial**, Dr. Ashish Marwaha
- **Windows of opportunity: how age and sex shape the influence of prenatal depression on the child brain**, Dr. Catherine Lebel
- **Maternal exposure to bisphenols, phthalates, perfluoroalkyl acids, and trace elements and their associations with gestational diabetes mellitus in the APrON cohort**, Drs. Gillian England-Mason, Deborah Dewey & APrON Study Team
- **A longitudinal seroepidemiology study to evaluate antibody response to SARS-CoV-2 virus infection and vaccination in children in Calgary, Canada from July 2020 to April 2022: Alberta COVID-19 Childhood Cohort (AB3C) Study**, Drs. Stephen Freedman & James Kellner
- **Impacts of COVID-19 on mothers' and newborns' health outcomes in regional Canada: A cross-sectional analysis**, Dr. Abhay Lodha
- **Spatial and Single-cell Transcriptomics Reveal Oncofetal Reprogramming of Fibroblasts is Associated with Malignant Degeneration of Burn Scar**, Drs. Vincent Gabriel & Jeff Biernaskie

## IN THE NEWS

- **Opinion: National guidelines ignore urgency of perinatal depression**, Dr. Nicole Letourneau
- **Domestic violence strategy should include more prevention programs**, Lana Wells
- **New study on compassion in Alberta emergency departments linked to quality care**, Dr. Shane Sinclair
- **Azrieli Accelerator celebrates its latest Catalyst Grant recipients**, Drs. Gerald Giesbrecht, Diwaker Krishnamurthy and Kara Murias
- **How parents can promote positive sibling relationships**, Dr. Sheri Madigan
- **Millennials more likely than Boomers to develop certain cancers, study finds**, Dr. Miranda Fidler-Benaoudia

## PACER UPDATE



In 2023, ACHRI sponsored a cohort of 7 young adults (YA) living with chronic disease (CD) to complete UCalgary's **Patient and Community Engagement Research (PaCER) program**. During this 12-month experience-based curriculum, the cohort learned about patient-engaged research (PER) and conducted a qualitative study investigating the experiences of YA living with CD in accessing supports and resources for attending or considering post-secondary education. Several PaCER graduates are involved in the **One Child Every Child Initiative** and the **IMAGINE SPOR Network**.

## ONE CHILD EVERY CHILD

### BASECAMP

Watch these short videos to learn how to use Basecamp:

**Basecamp 101**

**Basecamp Notifications**

**Fill in this webform** to join our Basecamp network.

If you identify as an Indigenous researcher, please connect with [sulyn.bodnaresko1@ucalgary.ca](mailto:sulyn.bodnaresko1@ucalgary.ca).

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One Child Every Child is on **Instagram** and **LinkedIn**! Learn more about the work of our researchers, themes and accelerators. If a post resonates, please consider sharing it.

## TRAINEES & POSTDOCS

### EVENTS

#### ***ACHRI/Owerko Summer Student Research Symposium 2024***

*Wednesday, August 28, 2024*

*Conference: 8:30 am – 3:45 pm*

*Keynote Speaker: Dr. Leah Mayo*

*Reception and Awards: 3:45 – 4:30 pm*

*Libin Theatre & HRIC Atrium, Health Sciences Centre, Foothills Campus*

ACHRI/Owerko community are welcome to attend conference talks and poster presentations. Lunch is at full capacity.

Questions? Contact [ACHRITA@ucalgary.ca](mailto:ACHRITA@ucalgary.ca) or visit [webpage](#).

## FUNDING

## Vanier Canada Graduate Scholarships

Deadline: Wednesday, October 30 at 8 pm EDT

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For details on ACHRI and OCEC trainee awards, please visit our [Trainee Funding page](#).

Questions? Email [achri.training@ucalgary.ca](mailto:achri.training@ucalgary.ca)

**ACHRI/OCEC supervisors:** Please encourage your trainees to [register](#) to receive the newsletter, updates and access to funding and workshops.

## CLINICAL TRIALS ALBERTA SURVEY

Clinical Trials Alberta is working to identify all researchers, physicians, and clinical trial sites across Alberta to share with industry sponsors looking to conduct studies. If you are involved in clinical studies and would like to be included, **please complete this short 8-question survey**.

## RESEARCHER FUNDING OPPORTUNITIES

### Heart and Stroke Foundation Grants-in-Aid

RSO Deadline Full Application: Monday, August 26 at noon

Questions? Contact [Stephanie Patrick](#)

### Arthritis Society Canada Strategic Operating Grant

RSO Deadline Full Application: Tuesday, August 27 at noon

Questions? Contact [Stephanie Patrick](#)

### CIHR-IHDCYH Early Career Researchers in Human Development, Child and Youth Health Competition

Registration Deadline: Wednesday, September 4

### Operating Grant: ECRs in Human Development, Child and Youth Health 2024

Registration Deadline: Wednesday, September 4

Questions? Contact [Lindsey Hritzuk](#)

### Catalyst Grant: Community Based Research in Climate Change Priority Areas 2024

RSO Deadline Full Application: Monday, September 9 at noon

Questions? Contact [Lindsey Hritzuk](#)

### SPARK Alberta Cohort Application

Fall Cohort Info Application Session: Wednesday, September 4

Application Deadline: Wednesday, September 11

### Knowledge Mobilization Competition: ICDCYH Talks

Registration Deadline: Monday, September 23

Submission Deadline: Tuesday, October 8

## CIHR Chair: Implementation Science Chairs in HDCYH (2024)

RSO Final Deadline: Thursday, October 10

Questions? Contact [Anna LeMarquand](#)

## CSM Indigenous Local and Global Health Office Pathways to Healing Grants

Applications are accepted on an on-going basis.

Questions? Email [path2healing@ucalgary.ca](mailto:path2healing@ucalgary.ca)

## EVENTS AND SEMINARS



**SUMMER 2024**

# Courageous Conversations

## SPEAKER SERIES

**LEARNING TOGETHER: LGBTQ2S+ INCLUSIVE TEACHING, RESEARCH AND SCHOLARSHIP**  
August 29 | 12:00-1:30 PM

With Guests:

**Dr. Safaneh Mohaghegh Neyshabouri**  
Assistant Professor (Teaching), Instructor, Arabic Language, and Muslim Cultures,  
Faculty of Arts, University of Calgary.

**Dr. Tonya Callaghan**  
Associate Professor, Werklund School of Education, Specialization,  
Curriculum and Learning, University of Calgary

 **UNIVERSITY OF CALGARY**  
Office of Equity,  
Diversity and Inclusion

 [equity@ucalgary.ca](mailto:equity@ucalgary.ca)  [ucalgary.ca/equity-diversity-inclusion/courageous-conversations](https://ucalgary.ca/equity-diversity-inclusion/courageous-conversations)

[Register](#)

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## 9th Digital Mental Health International Congress

***Digital Building Capacity: 24/7 Mental Health Support for All***

Thursday, September 19 - Friday, September 20

Shaw Centre, Ottawa; and online

[Register](#)

## Federation of Medical Women of Canada 2024 Educational Conference and AGM

***Catalysts for Change: Celebrating 100 Years of Medical Women in Canada***

Friday, September 27 - Saturday, September 28

Fairmont Chateau Laurier, Ottawa

[Register](#)

**Diagnosis and Treatment of Anxiety Disorders and Obsessive-Compulsive Disorder in Children and Youth Workshop**

Friday, October 4  
Blue Room, Dining Centre 105, University of Calgary  
[Register](#)

**Canadian Medical Hall of Fame**  
***Discovery Days in Health Sciences***

Wednesday, October 23: 8 am - 3:25 pm  
Libin Theatre & HRIC Atrium, Foothills Campus  
Submission deadline: Monday, September 9  
[Register](#)

**WCHRI Research Day**

Wednesday, November 6  
Keynote Speaker: Dr. Christine Chambers  
[Registration and abstract submissions](#)

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

**SEND US YOUR NEWS!**

Please send research discoveries, publications and partnerships  
to DeAnna Kweens at [r4k@ucalgary.ca](mailto:r4k@ucalgary.ca)

Visit us:  
[research4kids.ucalgary.ca](http://research4kids.ucalgary.ca)  
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