Congratulations to Dr. Matthew Hill who has been appointed as the first Mental Health Initiative for Stress and Trauma (MIST) Chair. MIST explores how stress and trauma impact the brain and what can be done to create healthier outcomes.

“Stress is the primary cause of mental health conditions, particularly mood and anxiety disorders and PTSD. Many people across the community experience a lot of stress, but don’t recognize the signs that can be critical red flags about the impact it is having,” says Hill. “An important aspect of MIST is to share the research we’re doing at UCalgary with the general public in a way that resonates with them personally.”

MIST was formed after the tragic death of Mike McClay, a father of two, who died by suicide in October 2021. In an effort to understand his death, and help prevent other families from experiencing similar losses, McClay’s family and friends turned to
Congratulations to Dr. Luiza Grazziotin (Supervisor: Dr. Deborah Marshall) whose research is highlighted on the Arthritis Society of Canada’s Top 10 Research Advances of 2022!

Dr. Grazziotin’s work explores the complex trial-and-error path of how children with juvenile idiopathic arthritis (JIA) are prescribed medications, with more than 100 different sequences identified in medical records. While almost half of children are prescribed a biologic medication, many must try a second or third. This research highlights the need for personalized medicine to get the right treatments to the right children at the right time, and also sheds light on real-world prescribing practices. Read more.

Taylor Scheidl, PhD student and Jessica Wager, master’s student, both in the Cardiovascular and Respiratory Science program, study the impacts of obesity on health. They are also both interested in tackling the issue of food insecurity among grad students on campus in a practical way.

A survey of graduate students on Foothills campus showed that 50 per cent of respondents struggled with food insecurity, and 80 per cent said they can’t bring enough food to get through their day. With these results, Scheidl and Wager petitioned the Graduate Students’ Association and were awarded a Quality Money grant to start the GradSnacks program. Read more.

GradSnacks launched in mid-January, to provide nutritious, convenient snacks, 24 hours a day for grad students. The program is operating out of the ZenDen in HSC G214 and is available to all Foothills campus graduate students.

Story and photo courtesy of Dawn Smith/Libin Cardiovascular Institute
From **February 6 to February 10, 2023** there are events across campus for the **UCalgary Equity, Diversity, and Inclusion Week**.

Events include keynote speakers and opportunities for networking and the **UCalgary EDI Awards Ceremony** recognizing and celebrating inspiring students, faculty, and staff working to advance a more accessible, equitable, diverse, and inclusive university.

[Full List of Events.](#)

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### 2022 ACHRI CHILD HEALTH & WELNESS RETREAT: KEYNOTE SPEAKERS

In December the **2022 Child Health and Wellness Retreat** welcomed over 200 researchers, trainees and community partners. We were thrilled to have a fantastic agenda of incredible speakers, including our three keynote speakers who shared their wisdom, perspectives and practices: Dr. Michael Hart, Dr. Bukola Salami and Jon Cornish. The speaker videos are now available:

- **Dr. Michael Hart**, Vice Provost and Associate Vice President of Research, Indigenous Engagement
- **Dr. Bukola Salami**, Director of Intersections of Gender Signature Area (Vice-President Research) and Professor, Faculty of Nursing at the University of Alberta
- **Jon Cornish**, UCalgary Chancellor
Huge gratitude to all for helping to celebrate the Alberta Children's Hospital 100 year anniversary. Your stories of impact, vision and pride are a reflection of our incredible community of child health researchers.

Join us as we put the spotlight on Alberta Children's Hospital Foundation 20th Anniversary Radiothon.

COUNTRY 105 RADIOTHON

It's a little bit country, and a whole lotta love!

Join Alberta Children's Hospital Foundation from Wednesday, February 1 to Friday February 3, 2023 for radio’s most heartwarming three days of the year.

This year marks the 20th anniversary of the Country 105 Caring for Kids Radiothon and to help us celebrate, one donor has generously offered to DOUBLE Radiothon donations, up to $1 Million!

Our community needs something as big and positive as Radiothon, and the kids need you! Make your donation today, or, sign up and fundraise. Encourage your friends and family to tune in!

SCIENCE IN THE CINEMA

Hosted by Cumming School of Medicine, Science in the Cinema brings together science and popular culture in a fun and engaging way.

Join researchers from Alberta Children's Hospital Research Institute, Hotchkiss Brain Institute, Mathison Centre for Mental Health Research & Education, Owerko Centre and the Faculty of Science for a screening of Inside Out!
January 26, 2023, 6 pm, The Plaza Theatre
Register Here

ACHRI TRAINEES
FUNDING OPPORTUNITIES - SUMMER AWARDS

We are pleased to announce that the competition for Summer Awards, which include ACHRI Summer Studentship and ACHRI-BME Summer Studentship Awards, is now open:

- **Eligibility:** Open to undergraduate trainees of ACHRI members. Non-UCalgary student applicants are eligible.
- **Award Amount:** $1,375 per month from ACHRI plus a minimum of $500 per month from the supervisor, for 2 – 4 months (May – August).
- **Apply through the UCalgary Summer Student Application Portal.** For detailed instructions on the application process, please visit [this page](#).
- **Deadlines:**
  - **Student submission deadline:** Friday, February 3, 2023, 4 PM (MT)
  - **Supervisor submission deadline:** Friday, February 10, 2023, 4 PM (MT)

For more details, please review the [ACHRI Award Guide](#).

Please contact Julia Klenin-MacLock ([jklenin@ucalgary.ca](mailto:jklenin@ucalgary.ca)) if you have any questions.

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

UNDERGRADUATE SUMMER STUDENTSHIPS

**New funding for Black undergraduate student research - Undergraduate Student Research Awards (USRA)**

To reduce racial inequities in research opportunities, CIHR, NSERC and SSHRC are implementing a new USRA program in 2023 to support Black students in summer research projects in health research or social sciences or humanities research. Students must apply using the new [common application form](#).

**Student Deadline:** Friday, February 3, 2023
**Supervisor Reference Deadline:** Friday, February 10, 2023
For more information and eligibility requirements [visit](#).

**TRAINEE REGISTRATION**

We encourage all trainees to register to receive the ACHRI newsletter, updates and access to ACHRI trainee funding and workshops.
FUNDING OPPORTUNITIES

**SSHRC Connection Grant**
These grants support events and outreach activities geared toward short-term, targeted knowledge mobilization initiatives.
**Deadline: Friday, January 27, 2023 (RSO Internal)**
**Details**

**CIHR Planning and Dissemination Grants (Winter 2023)**
This program provides support for planning and/or dissemination activities consistent with the mandate of CIHR and relevant to CIHR Institutes and Initiatives.
**Deadline: Wednesday, February 15, 2023 (RSO Internal)**
**Details**

**CIHR Team Grant: Type 1 Diabetes Screening Research Consortium**
The goal of this program is to develop a nationally coordinated research Consortium to explore key research questions pertaining to a T1D screening program in Canada, building on experiences from other countries.
**Deadline: Wednesday, February 15, 2023 (Registration Deadline)**
**Details**

**CIHR Catalyst Grant: Chief Public Health Officer Report 2022**
This funding opportunity will catalyze research aligned with the opportunities identified in the companion document of the 2022 CPHO Annual Report, *Generating Knowledge to Inform Public Health Action on Climate Change in Canada*
**Deadline: Friday, February 24, 2023 (RSO Internal)**
**Details**

**CIHR Project Grant Spring 2023**
These grants capture ideas with the greatest potential for important advances in fundamental or applied health-related knowledge, health care, health systems, and/or health outcomes stemming from new, incremental, innovative, and/or high-risk lines of inquiry or knowledge translation approaches.
**Deadline: Monday, March 6, 2023 (RSO Internal)**
**Details**

**CIHR dedicated funding for Collaboration with the European Commission - Joint Transnational Calls.**
The Canadian dedicated funding will support the involvement of Canadian researchers in multinational research consortia in the following areas: neurodegenerative diseases, rare diseases, and antimicrobial resistance.
**Details**

Contact Brandi Povitz to confirm CIHR and RSO Internal deadline(s).
Visit ACHRI website for funding opportunities.

EVENTS AND SEMINARS

Calgary Adapted Hub - Research & Community Engagement Seminar
An Intro to the Global Matrix of Para Report Cards
Tuesday, January 24, 2023
12 - 1 pm
Register

Neonatal Grand Rounds
Nutrition and Brain: The Way Forward
Tuesday, January 24, 2023
4 - 5 pm
Dr. Abhay Lodha
Register

Paediatric Grand Rounds
Wide QRS Complexes? That's So Tachy!
Wednesday, January 25, 2023
8:30 - 9:30 am
Dr. Michael Fridman
Register

Developmental Genetics Research-In-Progress Seminar Series
Genetic Architecture of Skull-Pelvis Covariation in Hybrid Mice as a Model of Human Obstructed Labour
Wednesday, January 25, 2023
1 - 2 pm
Eva Zaffarini (Dr. Benedikt Hallgrimsson Lab)
G500

Science in the Cinema: Inside Out
Thursday, January 26, 2023
5:45 pm
Drs. Gabrielle Wilcox, Kelly Dean Schwartz, Emma Towlson
Register

ATTACH Webinar Series
Trauma-Informed Approach to Research
Friday, January 27, 2023
12 - 1 pm
Dr. Caroline Piotrowski
Register

Child Health and Wellness Seminar
Large Animal Models for Germ Cell Research and their Translational Potential
Monday, January 30, 2023
8:30 - 9:30 am
Dr. Ina Dobrinski
Register

Biomedical Engineering Calgary Industry Speaker Series
Part 2: Regenerative Medicine & Pharmaceuticals
Monday, January 30, 2023
2 - 4 pm
Register

Child Health and Wellness Special Seminar
Fetal Alcohol Spectrum Disorder: What Do We Know After 50 Years?
Wednesday, February 1, 2023
11 am - 12 pm
Dr. Kristina Uban
Register

Owerko Neurodevelopmental Clinical Rounds
The Use of Transcranial Magnetic Stimulation for Neuromodulation for Developmental and Neuropsychiatric Conditions in Children
Wednesday, February 1, 2023
12 - 1 PM
Dr. Kara Murias, Bevin Wiley and Spencer Epp
Register

Snyder Institute Hybrid Mini-Medical School Lecture
The War Waged Within: Pacman in the Fight Against Autoimmunity
Monday, February 6, 2023
6:30 - 8 pm
Drs. May Choi and Antoine Dufour
Register

Pediatric Infectious Disease Conference
Friday, February 10 - Sunday, February 12, 2023
Banff, Alberta
Register

Cumming School of Medicine
Celebration of Excellence
Wednesday, February 15, 2023
10:30 am - 12 pm
Register

Friesen Prize Institutional Visit Lecture
Contributions to Viral Hepatitis, Vaccine Task Force and COVID-19
Monday, February 27, 2023
3:30 pm
Dr. Lorne Tyrrell
Register

**Banff International Conference on Behavioural Science**

**School Mental Health: Utilizing Science, Culture, and Context to Inform Practice**

Sunday, March 19 - Wednesday, March 22, 2023
Register

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

**SEND US YOUR NEWS!**

Please send discoveries, research publications, and grants to Fiona Mackenzie at [r4k@ucalgary.ca](mailto:r4k@ucalgary.ca)

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

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