



WEEKLY NEWSLETTER

November 2, 2020

ACHRI CHILD HEALTH & WELLNESS RESEARCH RETREAT

The 2nd annual retreat of Child Health and Wellness scholars

Monday, November 30, 9 am to 3 pm

Join more than 300 ACHRI members and trainees to learn about each other's work across Child Health and Wellness. All ACHRI members, research staff and trainees are invited.

Watch your inbox for the registration link. Visit ACHRI website for [details](#).

JAMA PUBLICATION



Clinical genomic sequencing and the need for data

By 2025, more than 60 million people worldwide will have their genome sequenced. Dr. Deborah Marshall, PhD, has co-authored a viewpoint published in [JAMA](#) promoting the need for data on uptake and implementation of genomic sequencing in clinical care. The collaboration is with the Center for Translational and Policy Research on Personalized Medicine (TRANSPERS) at the University of California, San

Francisco. Marshall holds the Arthur J.E. Child Chair Rheumatology Outcomes Research.

TOP 40 UNDER 40



Honours to top researchers

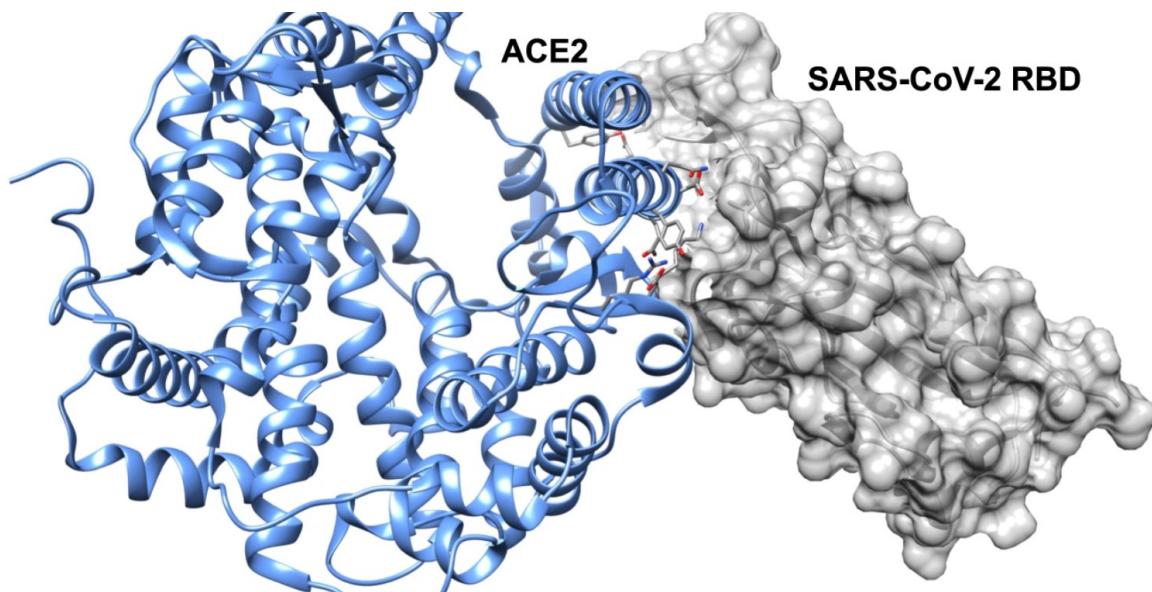
To the the class of the Top 40 Under 40 of 2020 - we are so proud of your passion, innovation and hard work! Congratulations to Dr. Signe Bray, scientific director of the Child and Adolescent Imaging Research Program; Dr. Carly McMorris, director of the Enhance Lab; and Dr. Tyler Williamson, director of the Health Data Science and Biostatistics Program. [Read more](#)

DISCOVERY IN COMPARATIVE GENOMICS



Apes and monkeys at high risk for COVID-19

ACHRI's Dr. Amanda Melin, PhD, and postdoctoral scholar Dr. Mareike Janiak, PhD, led an investigation into the risk to nonhuman primates of infection by SARS-CoV-2. Along with colleagues from New York University, they used approaches from comparative genomics and protein-protein interaction modeling. The results published in *Communications Biology* suggest that all apes and all monkeys of Africa and Asia are likely to be highly susceptible to the virus. The authors note that major actions may be needed to limit the exposure of many wild primate populations to humans. Melin (photo) holds a Canada Research Chair in Primate Genomics and Dietary Ecology. Janiak held an ACHRI postdoctoral scholarship. [Read more](#)



Model of human ACE2 in complex with SARS-CoV-2

RESEARCH RESOURCE



Indigenous Research Support Team (IRST)

Webinar open for all faculty

Monday, Nov. 2 from 3 - 5 pm

The Indigenous Research Support Team was formed to strengthen and identify existing resources for Indigenous communities and stakeholders, university researchers, and partners to promote collaborative, reciprocal, and culturally responsive research. Learn about IRST and Indigenous scholarship at UCalgary in this webinar. [Register](#)

GRANT OPPORTUNITIES

Future leaders in Canadian Brain Research

Deadline LOI Nov. 13

[Apply](#)

CIHR Operating Grant : Early Career Investigator Grants in Maternal, Reproductive, Child & Youth Health

Registration deadline Dec. 15

[Details](#)

New maternal health trial

Dr. Leslie Skeith, MD, is the principal investigator of the CIHR-funded pilot to evaluate the role of aspirin versus placebo to prevent blood clots in postpartum

women. The pilot PARTUM trial is now open at Foothills Medical Centre. For more information, visit partumtrial.ca or contact laskeith@ucalgary.ca

COMMUNITY OUTREACH



'Nature of Things' documentary

The documentary, **Kids vs. Screens**, airs Nov. 13 on CBC's The Nature of Things. The program explores screen exposure and children with Dr. Sheri Madigan, PhD, to highlight how screens affect children's development, learning abilities and mental health.

EDUCATION AND TRAINING



ACHRI and Owerko Postdoctoral Appreciation Event

To recognize the significant contributions postdoctoral scholars make to research and discovery, ACHRI and the Owerko Centre are hosting our second annual ACHRI Postdoc Appreciation event.

Thursday, Nov. 12, 12:30 – 2:30 pm

The workshop will be presented by Sara ElShafie, doctoral candidate, University of California, Berkeley.

[Register](#)

ACHRI is now accepting applications for:

Trainee Small Grants

Eligibility: Open to trainees of ACHRI members.

Deadline: Nov. 15, 2020, 5 PM

[Award Guide](#)

[Application Form](#)

If you have any questions, visit the trainee [website](#)

SUPPORT RESEARCH



Candy Cane Gala - Friday, December 4

Get your tickets now!

The Alberta Children's Hospital Foundation is planning a special at-home Candy Cane Gala this year. Child and Health Wellness researchers are invited to attend the 14th annual event on December 4. Tickets are on sale until November 13. [Details](#)

NEW MEMBERS

Dr. Nicole Johnson, MD

Care Transformation for Children

Johnson investigates the treatment and health outcomes in children and youth with pediatric rheumatic diseases, including the assessment of health-related quality of life in children with juvenile idiopathic arthritis. Welcome Dr. Johnson!



Dr. Kamala Adhikari Dahal, PhD

Maternal & Child Health

Adhikari Dahal's research aims to identify psychosocial, medical, and obstetric predictors of adverse pregnancy outcomes and the impacts of adverse pregnancy outcomes on maternal short- and long-term health. Welcome Dr. Adhikari Dahal!

CALENDAR OF EVENTS

Global Child Health Conference – Indigenous Child Health

Wed. Nov 4, 8:30 – 12:45 pm

Pediatric Grand Rounds with Dr. Cindy Blackstock, PhD [Register](#)
Conference follows [Register](#)

Child Health and Wellness Seminars

Dr. Matthew Hill, PhD, University of Calgary
Monday, Nov. 9, 8:30 – 9:30 am

[Register](#)

Dr. Qiumin Tan, PhD, University of Alberta
Monday, Nov. 16, 8:30 – 9:30 am

Two-way research between mouse models and humans uncovers the genetic and molecular basis of a rare neurodevelopmental disorder

[Register](#)

For upcoming talks, visit the CHW [calendar](#)

Owerko Neurodevelopmental Research Rounds

Dr. Deborah Dewey, University of Calgary
Wed. Nov. 4, Noon – 1 pm

Motor Impairments in Children with Neurodevelopmental Disorders: Who has them? What causes them? What can be done?

[Register](#)

ACHRI Research Retreat

Monday, Nov. 30

Registration link will arrive in your inbox this week.

[Program here](#)

CANADIAN CHILD HEALTH CLINICIAN SCIENTIST PROGRAM (CCHCSP)

Certificate Eligible Sessions

Tuesday, November 17

Navigating a budget

Jenna Slobozian, Cert RA

Tuesday, December 15

Paper writing -

Qualitative research

Dr. Gina Dimitropoulos, PhD

Register by emailing

Ruth.Fermin@ahs.ca

COVID RETURN TO CAMPUS

Key resources: [Research relaunch at ACH](#) | [Procedure for sick employees](#) | [Procedure for sick students](#) | [Face covering protocol](#) | [Meal preparation and eating spaces](#) | [Dashboard of cases on campus](#) | [Event risk toolkit](#) | [Mental health during COVID](#)

[COVID-19 isolation guidance](#) for employees and students. If you have any questions about this guidance please contact the occupational health nurse at ohn@ucalgary.ca.

Questions? Email covid19comms@ucalgary.ca

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