Royal Society of Canada scholars named

The Royal Society of Canada (RSC) and its members have elected this year’s new Fellows, and named the incoming class of The College of New Scholars, Artists and Scientists. Among those honoured is ACHRI’s Dr. Jeff Biernaskie, an associate professor in the Faculty of Veterinary Medicine and Cumming School of Medicine. He investigates dermal stem cells to develop new therapies for improved wound healing after a burn injury. He is the inaugural Calgary Firefighters Burn Treatment Society Chair in Skin Regeneration and Wound healing, working directly with clinical caregivers and patients to give patients a voice in directing research. Read

New research provides hope for people living with pain

We are so grateful to our community for fueling research discovery in the Vi Riddell Program. Funding from the Riddell family has helped UCalgary researchers discover how experiences of pain alter the brain, bringing hope of new treatments for sufferers of chronic pain. Dr. Gerald Zamponi, PhD, and a team from the Cumming School of Medicine’s Hotchkiss Brain Institute (HBI), ACHRI and Stanford University investigated which brain circuits are changed by injury to develop targeted therapies to stop chronic pain. The landmark study, “A Neuronal Circuit for Activating Descending Modulation of Neuropathic Pain,” was published Sept. 9 in the journal Nature Neuroscience.

The value of diagnostic testing to families: study

A team of UCalgary researchers and colleagues from the Children’s Hospital of Eastern Ontario recently published a study in the journal Genetics in Medicine aimed at determining the value of diagnostic testing to families. Children with rare genetic diseases often undergo extensive and sometimes invasive tests to learn what is causing their illness. Exome sequencing can potentially reduce the duration of the diagnosis for these children by rapidly identifying disease-causing variants. 319 families were surveyed and reported they value exome sequencing more than other diagnostic tests. They also placed a higher value on information and knowledge, suggesting that changes in clinical outcomes alone may not fully measure benefits. The Calgary team included
GRANTS

Postdoctoral scholar awarded CIHR grant
Dr. Kyleigh Schraeder, a CCHCSP/ACHRI postdoctoral scholar in the Department of Pediatrics and a lead in the Transition Navigator Trial research program, was awarded a Transitions in Care grant, ranked second in the competition by the Canadian Institutes of Health Research (CIHR). The grant will support the evaluation of primary care patient-provider relationships on emergency department use by adolescents with chronic conditions. The team will focus on those who have received care in specialist clinics at pediatric hospitals in Alberta including diabetes, endocrinology, gastroenterology, neurology, nephrology, rheumatology, cardiology, and mental health. The new knowledge will be used to create stronger links between pediatric care, mental health care, and primary care, and inform transition policies and practices for the growing population of young adults with chronic conditions.

CHILD HEALTH AND WELLNESS INITIATIVE

Community Town Hall
More than 500 researchers attended five town halls in June to brainstorm big ideas for child health research. Our next step is community. Join us on Friday, September 27, 8:30 – 11 am at the Central Library for our first Community Town Hall. This town hall will be co-hosted by researchers and community leaders, and will feature presentations on outstanding child health research already underway. Register

IN THE NEWS

All Eyes on Child Mental Health Facility informed by UCalgary research
An innovative facility is being built in northwest Calgary to help the one in five children who struggle with mental health challenges in our community. Expanding knowledge of childhood mental health offers opportunities for advancing new treatments and providing better prevention, thanks to a partnership between the University of Calgary, the Alberta Children’s Hospital Foundation and Alberta Health Services (AHS). The Centre for Child and Adolescent Mental Health is being funded through the BuildThemUp campaign and events like the September 22 RBC Race for the Kids. Please participate to show your support.

2019 Health Hack Competition
The 2019 Health Hack Competition is fast approaching, taking place October 9 through to November 25. The Alberta Children's Hospital KidSIM Program is pleased to sponsor the event and would encourage anyone with a healthcare challenge (clinical, education, research) to participate. The theme of Child Health & Wellness, and challenges can be either software or hardware, a physical solution or a mix of all. Many thanks to the Alberta Children's Hospital Foundation for also sponsoring. More information here.

ACHRI FUNDING OPPORTUNITIES

ACHRI is inviting proposals for the following research awards:
- Dawson Jarock Research Program in Pediatric Nephrology and Rheumatology
  The Award is to support clinical research - up to $71,000 over three years
- The André Tertzakian Research & Education Award in Paediatric Nephrology
  The Award will be used to support clinical research or education that will significantly advance paediatric nephrology – up to $147,000 over three years

Deadline is October 15. Applications and more information here.

TRAINEEs

ACHRI Postdoctoral Appreciation Event
Just a reminder to postdocs registered for the ACHRI Appreciation event: we look forward to seeing you at the Alberta Children’s Hospital auditorium on Sept 18 for a wonderful afternoon of workshops and speakers. Agenda
For more information about our workshops and other training opportunities, please see our Trainee ACHRI website here.

CANADIAN CHILD HEALTH CLINICIAN SCIENTIST PROGRAM (CCHCSP)

Certificate Eligible Sessions
Partnered with ACHRI, the Canadian Child Health Clinician Scientist Program (CCHCSP) is excited to offer a series of CCHCSP Certificate-eligible sessions in Calgary. All are welcome, including trainees of any level, discipline, and faculty.

Research Database
Tuesday, October 8, 2019
12:00pm - 1:30pm
Alberta Children's Hospital Conference Room 3, 4th Floor
Speaker: Dr. Amy Metcalfe

Knowledge Translation
Tuesday, November 12, 2019
12:00pm - 1:30pm
Alberta Children's Hospital Conference Room 4, 4th Floor
Speaker: Dr. Kelly Mrklas

Regression Methods
Tuesday, December 10, 2019
12:00pm - 1:30pm
Alberta Children's Hospital Conference Room 3, 4th Floor
Speaker: Dr. Alberto Nettel-Aguirre

For more information or to register for any of the above sessions, please contact Janet.Wu@ahs.ca And please save the date for the CCHCSP 18th Annual Symposium May 20-22, 2019.

HAPPENINGS

EVACUATION DRILLS
Evacuation drills are scheduled to take place from September 12 - September 24, 2019. If you work, teach, or study in a building scheduled to be evacuated, plan for a 30 minute disruption to your daily activities.

- HRIC - Monday, September 16 at 9:45am
- HMRRB - Wednesday, September 18 at 9:45 am
- HSC - Wednesday, September 18 at 9:45am
- Child Development Centre - Wednesday, September 18 at 2:45pm
ACHRI RESEARCH RETREAT
Thursday, December 12 & Friday, December 13
We are inviting all members and trainees to the Banff Centre for
the inaugural ACHRI Research Retreat. It is designed to bring
ACHRI researchers together, spark collaboration, and showcase
global leaders in child health. The retreat will feature keynote
speakers, trainee talks, and poster sessions. Please hold this date
in your calendar. Registration will open shortly. Program
overview

CONFERENCES and LECTURES

Developmental Neurosciences Grand Rounds
Monday, Sept. 16 - 8:30 am - 9:30 am
Dr. Beatriz Luna
Neurocognitive specialization through adolescence
ACH Auditorium

Child Health Research Rounds
Thursday, Sept. 19 - 8:30 am - 9:30 am
Dr. Meghan Azad
Milk and microbes: How breastfeeding and human milk shape the infant microbiome
ACH Auditorium

Monday, Sept. 16 - CAIR presents The Teen Brain: A Public Event
Dr. Beatriz Luna, PhD, University of Pittsburgh
6:30 pm - 8:30 pm
Alberta Children's Hospital Auditorium
Registration closed - overflow room opening soon for wait list
Please send your request to laherper@ucalgary.ca

Monday, Sept. 23 - Alberta Association Infant Mental Health
Noon - 5:00 pm
Register

Thursday, Oct. 3 - Owerko Family Lecture:
"The Continuing ADHD Explosion - and the Continuing Stigmatization of Mental Disorders:
A Synthesis"
Dr. Stephen Hinshaw, PhD, UC Berkley
2:00 pm - 3:00 pm
Theatre 4, Health Sciences Centre
Register

Tuesday, Oct. 8 - Families in Canada Conference
Winsport's Markin MacPhail Centre
Hosted by the Werkland School and supported by the Vanier Institute of the Family and ACHRI.
Register

NEW! Friday, Oct. 11 - N3 Day 2019 Non-Invasive Neurostimulation: Mental Health and Beyond
Keynote speaker: Dr. Jeff Daskalakis (DCNS Grand Rounds)
9:00 am - 3:15 pm
ACH Auditorium
Register

Wednesday, Oct. 16 - CSM and ACHRI "Science in the Cinema" Presents Wonder
Keynote Speakers: Dr. Adam McCremon, PhD and Dr. Kelly Dean Schwartz, PhD
6:30 pm - 9:00 pm
Plaza Theatre, Calgary

**Tuesday, Nov. 5** - The Gairdner Foundation and ACHRI present a Public Talk
You and your DNA
6:30pm - 7:30pm
Studio Belle, home of the National Music Centre
Speaker: Dr. Francois Bernier
Registration opening soon

**Wednesday, Nov. 6** - 2019 Gairdner Symposium
Child Health and Wellness: A Precision Health Approach
Libin Theatre and HRIC Atrium, Health Sciences Centre
Registration opening soon

**Wednesday, Nov. 6** - 4th Annual Global Child Health Conference
Alberta Children's Hospital Auditorium
Register

**Thursday, Dec. 12 & Friday, Dec. 13** - ACHRI Research Retreat
Banff Centre of the Arts
Register

Alberta Children’s Hospital Research Institute is supported by generous community donations through the Alberta Children’s Hospital Foundation. We believe in a healthier and more prosperous future for children through research.

research4kids.ucalgary.ca
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