Child Health Research Symposium

Please circle May 29 in your calendars for the Child Health Symposium 'Discovery and Care Innovations for Children' with distinguished keynote speaker Dr. Janet Rossant, President and Scientific Director of the Gairdner Foundation, Senior Scientist in the Developmental & Stem Cell Biology program at The Hospital for Sick Children and Chief of Research Emerita at The Hospital for Sick Children. The symposium will feature presentations from principal investigators and trainees from our three theme groups. More details on the program and registration available in the coming weeks.

PUBLICATIONS

Dr. Melanie Noel sheds light on sleep-pain relationship in leading journal

Dr. Melanie Noel is a co-author of a major review published in the journal Neuroscience & Biobehavioral Reviews on the mechanisms underlying the sleep-pain relationship in adolescence. This review examines the current literature regarding sleep and pain, with a particular focus for the first time on the neurobiological mechanisms underlying pain, sleep dysfunction and the neural circuitry that potentially links the two. The research was supported by the Alberta Children’s Hospital Foundation and the Vi Riddell Children's Pain and Rehabilitation Program. Dr. Noel is an
Dr. Deinera Exner-Cortens evaluates program to reduce bullying among teens

Dr. Exner-Cortens evaluated a mental health program for teens, called Healthy Relationships, and found that those who participated in the program had reduced odds of bullying victimization a year later compared with the teens in the control group. Recent health data surveys indicate that one in four youth in Canada experience bullying behaviour at least twice a week. The review is published in the Canadian Journal of School Psychology. Dr. Exner-Cortens is an assistant professor in the Faculty of Social Work with an appointment in the Department of Psychiatry at the Cumming School of Medicine.

Introducing the Alberta Children's Hospital BioCORE

The BioCORE is a sample biorepository and high-content bioanalysis core facility located at the Alberta Children's Hospital. We provide research support for investigators and clinicians undertaking translational research projects aimed to help children. Our biorepository offers secure -80 C freezer storage and our bioanalysis suite currently offers Luminex® based multiplex assays. For full details on these services, please refer to our website.

ACHRI researchers weigh in on the impact of processed foods on children's health

ACHRI researchers Dr. Deborah Kurrasch, Dr. Charlene Elliot, Dr. Tanis Fenton, and Dr. Jane Shearer weigh in on what cheap food can do to a child's health as part of the university's Explore Series on Nutrition. A growing body of research suggests that the sheer amount of processed food we eat has lasting health impacts. From a public health perspective, the costs of poor diets are far higher than we realized before. And the eating habits children learn early on set the stage for lifelong relationships with food. Read more

Celebration of Excellence - Feb. 27
The Cumming School of Medicine’s Awards and Recognition Committee will host the eleventh annual Celebration of Excellence at Foothills Campus on Wednesday, Feb. 27. Each year, the event celebrates achievements in teaching, research and education ranging from early career awards and community honours, to Royal Society of Canada Fellowships and Orders of Canada. More information

TRAINEE SPOTLIGHT

ACHRI Postdoctoral, Clinical Fellowship and Small Research Grants awarded

Congratulations Suchit Ahuja, PhD, supervised by Dr. Sarah Childs, PhD. Dr. Ahuja has won one of four postdoctoral fellowships awarded through the ACHRI Research Training Program. Dr. Ahuja's research focuses on the molecular networks underlying vascular stability in the brain to address brain hemorrhages. Through his research, Dr. Ahuja aims to identify targets to develop therapeutic interventions. In addition, two clinical research fellowships and three small research grants were awarded by ACHRI. The full list of recipients announced is available on our website. We congratulate all the successful awardees.

TRAINEE UPDATE

Trainee funding: ACHRI Summer Studentship Award Competition is now open. Deadlines February 8 (student portion) and February 15 (supervisor portion) Apply

FOR MORE INFORMATION VISIT ACHRI Trainee Weekly Bulletin

GRANT OPPORTUNITIES

Child Health Research Funding Opportunities

SSHRC Connection Grants
RSO Deadline: January 30, 2019 at noon
Contact: Katie Ryan
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SSHRC Research Data Management Capacity Building Initiative
RSO Deadline: January 30, 2019 at noon
Contact: Katie Ryan
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CIHR Project Grant
Registration Deadline: February 6, 2019
RSO Internal Deadline for Full Application: March 4, 2019 at 9:00 am
Contact: Anna LeMarquand

SSHRC Partnership Engage Grants
RSO Deadline: March 13, 2019 at noon
Contact: Katie Ryan

For more information on these opportunities and others, refer to our web site Child Health Research Funding

IN THE LAB

In the Lab: Dr. Timothy Shutt

Dr. Timothy Shutt's lab is focused on the dynamic regulation of mitochondria and mitochondrial DNA. In recent years, mitochondrial regulation has been associated with a number of childhood illnesses and disorders including autism spectrum disorder, some forms of cancer, diabetes and Leigh’s syndrome. Dr. Shutt is investigating how mitochondria fusion and fission affect the development of these illnesses with the goal of finding new targets for therapies. Dr. Shutt is an assistant professor in the Department of Medical Genetics and a member of the Behaviour and the Developing Brain Theme. (photo left to right front) Rachel Wong, Rasha Sabourny, Tian Zho, Iman al Khatib, Erik Fraunberger, Dr. Tim Shutt, Dr. Morteza Seifi (missing Pauline de Jesus)

CONFERENCES, MEETINGS and LECTURES

Feb. 11
Panel discussion on Women’s Cardiovascular Health
Speakers include ACHRI's Dr. Jennifer Thompson on cardiovascular health of infants
Location: Central Public Library
Register

Feb. 19 NEW
Healthy Outcomes Theme Workshop - How to be an effective, successful, happy academic
Speaker: authors Alex Clark and Bailey Sousa
Register

May 3
27th Annual Cumming School of Medicine Symposium
Speaker: TBA
Location: TBA

May 29
Child Health Research Symposium - Discovery and Care Innovations for Children
Speaker: Dr. Janet Rossant, President and Scientific Director of the Gairdner Foundation, Chief of Research Emerita, The Hospital for Sick Children, Senior Scientist in the Developmental and Stem Cell Biology Program.
June 5

Owerko Centre Conference

Speakers: Dr. Yona Lunksy, PhD and Dr. Russell Schachar, MD

Location: Theatre Four, HSC, Foothills Campus

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Lectures

Jan. 22 (12:00pm - 1:00pm)

Child Health Research Rounds - Including what matters to patients and families in health care

Speaker: Dr. Maria J. Santana, PhD

Location: ACH Conference Room 3

Jan. 23 (9:00am - 10:00am)

Faculty Recruitment Seminar - Functional MR imaging of epileptic networks

Speaker: Dr. Pierre LeVan, PhD

Location: O1500, O'Brien Centre

Feb. 6 (12:00pm - 1:00pm)

Owerko Neurodevelopmental Rounds - Neuroimaging research and translation to clinic

Speakers: Dr. Helen Carlson, PhD and Brandon Craig

Location: CDC Room 100

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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.