



Newsletter
Winter 2017

DOHaD Canada Season Greetings

Message from the Co-Presidents (Drs. Matthews and Sloboda)

2017 has been a busy year for DOHaD Canada. We had excellent representation of Canadian DOHaD Research at the International Congress in Rotterdam in October. We are now one of the larger affiliated DOHaD Societies. The CIHR Institute of Human Development, Child and Youth Health, under the leadership of Dr Shoo Lee, has Championed DOHaD Research both Nationally and Internationally, such that Canada is becoming recognized as a Global leader in DOHaD research initiatives. 2018 promises to be another exciting year for DOHaD Canada. Drs Maria Ospina and Gerry Giesbrecht are organizing a fantastic DOHaD 2018 for Feb 14th, and we are very much looking forward to seeing you all there.

Update for DOHaD Canada Meeting in Rotterdam

A DOHaD Canada update meeting was held in conjunction with The 10th World Congress in Rotterdam (October 2017). Discussions covered our wonderful increasing membership, plans for working groups within DOHaD Canada and what our strategic priorities should be, developing terms of reference for our electoral processes going forward and establishing membership fees. Formal minutes from this meeting will be circulated in the New Year.

Update for DOHaD Canada 2nd Annual meeting <http://dohad.utoronto.ca/meeting2018/>

We are looking forward to welcoming you all to our 2nd annual meeting in Banff in February held in conjunction with CNPRM 2018. Just a reminder that early bird registration for DOHaD Canada is 14th January 2018. PLEASE NOTE for those who are planning to attend both DOHaD Canada and CNPRM, that the accommodations are at different locations and **it is very important that you book your DOHaD Canada accommodation for February 13th at the Banff Park Lodge (BPL)**. If we have insufficient numbers of rooms booked, DOHaD Canada will incur additional costs. Please note also that trainee costs at the BPL for the night of Feb 13th will be \$131 compared to \$209 at the Banff Centre (or \$291 if you are a supervisor), so we recommend you book one night (13th Feb) at the BPL and then move to the CNPRM Banff Center for the 14th to the 17th. Despite the need to move to a new accommodation, it will save you money and ensure the DOHaD Canada meeting runs to budget. Should you have any questions, please don't hesitate to contact Maria or Gerry.

Recent DOHaD Canada Researchers publications

Recently, Dr Meghan Azad (Speaker at our 1st DOHaD Canada meeting 2017) published work indicating that breastfeeding may protect against excessive weight gain during infancy. The

work found that breast milk hormone concentrations were associated with several fixed and modifiable maternal characteristics. Additionally, higher concentrations of leptin and intermediate concentrations of insulin were associated with lower infant WFL in the first year of life. Click here for more <https://www.nature.com/articles/ijo2017189>

Also Dr Sandy Davidge's research group has recently published a review based on their work investigating nanoparticle-mediated delivery of a mitochondrial antioxidant to the placenta as a potential novel approach that may avoid unwanted off-target effects on the developing IUGR offspring.

Click here for more

http://www.physiology.org/doi/abs/10.1152/ajpregu.00245.2017?url_ver=Z39.88-2003&rfr_id=ori:rid:crossref.org&rfr_dat=cr_pub%3dpubmed

Indigenous Healthy Life Trajectories Initiative (I-HeLTI) update

CIHR is in the process of launching an **Indigenous Healthy Life Trajectories Initiative (I-HeLTI)**.

Please visit the DOHaD Canada website for further information. The request for applications (RFA) will be available soon on the CIHR ResearchNet site. Information on the pre-announcement can be found: <http://www.cihr-irsc.gc.ca/e/50744.html>

NOTE: webinar: January 10, 2018; final application: February 5, 2018

Check out the DOHaD webpage and our listing as a Chapter

<https://dohadsoc.org/associated-societies/canada/>

Up and coming meetings for 2018

CNPRM 2018 - <http://www.cnprm.org>

5th Annual Canadian National Perinatal Research Meeting at the Banff Centre, Banff, Alberta, February 14-17, 2018

The Canadian National Perinatal Research Meeting (CNPRM) features stellar international speakers, and creates a unique interface between obstetrical and neonatal, clinical and bench research, bringing to light antenatal decisions leading to better postnatal outcomes, and generating a better understanding of maternal health, parturition, newborn physiology and early life origins of disease. The theme is the unbroken thread: following the connections between maternal physiology, fetal and newborn physiology, and the development of adult health and disease. The highlight will be the intersectional plenary sessions – crossing disciplines from obstetrics to neonatology, from clinic and ICU to cell biology. Each internationally renowned plenary speaker has been invited with the novel task to delineate a portion of the plenary topic, and then to toss the ball into the hands of the next speaker. The result will be a continuum of intellectual discourse developed over the course of the meeting. We are expecting 400+ researchers, clinicians, nurses, trainees and policymakers at the Banff Centre in February 2018. The meeting also features sixteen thematic research sessions with incisive keynote speakers, platform presentations by trainees, two broad-ranging research poster sessions and eleven workshops by national experts, ranging from cutting edge

technologies, to how to conduct a clinical trial, to engagement of indigenous communities in research, to translation of research toward public policy.

SRI 2018 - <http://www.sri-online.org/meetings-calendar/2018>

65th Annual Meeting of the Society for Reproductive Investigation (SRI), March 7 - 10, 2018 in San Diego, CA USA

The theme of the 2018 meeting is the “Power of Collaboration” and was chosen to highlight the importance of collaborations and networking on the global stage. As the meeting theme for SRI, the goal is to further promote and highlight collaborations within the society as one of the many valuable aspects of SRI.

Prenatal Programming and Developmental Toxicity(PPTOX) 2018 - www.pptox.fo

Torshavn, Faroe Islands, on May 27-30, 2018

The next PPTOX conference will focus on developmental programming and toxicity, and invited speakers will present front-line information on etiologies, mechanisms, health implications, and intervention potentials. Indeed, this field of research continues to burgeon, and the meeting aims at presenting and discussing the front line of current research and how it may affect research priorities and public health interventions. Early bird registration is before 31 January, 2018, with a reduced fee for students/trainees. Abstract deadline is on the same date. Check out the website at www.pptox.fo.

We'll close by wishing you all the Best of the Season and a Happy New Year!

Stephen Matthews, PhD
Co-President
Canadian DOHaD Society

Deborah M Sloboda, PhD
Co-President
Canadian DOHaD Society

Timothy R.H. Regnault, PhD
Secretary/ Treasurer
Canadian DOHaD Society