NEWS HEADLINES

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OUTSTANDING PROGRAM WITH OVER 800 abstracts to be presented!

There is only 7 WEEKS TO GO until our 10th World Congress to be held in The Netherlands – a European hub of DOHaD research – on October 15-19, 2017. The 2017 Congress is chaired by Professor Vincent Jaddoe and no doubt will be a fantastic Congress. Home of the Generation R, Rotterdam is the second largest city in The Netherlands and is one of the world’s largest ports. Plan now to see the sights of Rotterdam before or after the Congress!

Here is a snapshot of what to expect in the Scientific Program; full of amazing talks and workshops:

Sunday October 15th: Pre-Congress Workshops

- Hot Topics in Developmental Epidemiology
  This workshop aims to provide participants insight into current state of the art methods, which allow optimal use of the longitudinal data collected in observational studies.

- Fetal and Neonatal Care from DOHaD Perspective
  This workshop aims to provide participants insight into the newest clinical and critical care approaches for women before and during their pregnancy and young children to improve both their short term, but also their longer term health.

- New Strategies for Interventions in Early Life
  This workshop aims to provide participants insight into the design and performance of randomized controlled trials in both future parents and their young children.

- Epigenetic Mechanisms Underlying DOHaD: Insight from Animal Models
  This workshop aims to provide participants insight into basics and recent advancements of epigenetic mechanisms and analyses in relation to DOHaD concepts

Monday October 16th: DOHaD 2017 Congress Day 1 Parallel Sessions:

- Endocrine Programming
- Pregnancy Intervention
- Epigenetics
2017/1

- Kidney Outcomes
- Genetics of DOHaD
- Biological Clock of Fetal Life
- Environmental Stressors
- Early Origins of Cancer

**Tuesday October 17th: DOHaD 2017 Congress Day 2 Parallel Sessions:**
- Placental Origins
- Early Environment and Atopy
- Mental Health Outcomes
- Bone Health and Osteoporosis
- Early Growth and Adiposity
- Early Life Exposure to Environmental Chemicals
- Artificial Reproduction Outcomes

**Wednesday October 18th: DOHaD 2017 Congress Day 3 Parallel Sessions:**
- Early Origins of Aging
- Specific Nutrients
- Innovative DOHaD Experiments
- Maternal Nutrition and Offspring Outcomes
- Infant Nutrition
- New Strategies for Intervention Studies
- Early Life Observations and Interventions on Asthma
- Early Brain Development
- Statistical Approaches to DOHaD

**DOHAD 2019**

Are you ready to BBQ? DOHaD is going down under!

DOHaD 2019 will be held in Melbourne Australia with the Congress chairs Professors John Bertram and Euan Wallace from Monash University, who will be joined by the DOHaD Society of ANZ in organizing this next World Congress. Australia has a long history of DOHaD research, and we look forward to seeing it first hand at the Melbourne Convention Centre! Look out for more information about the 2019 Congress in future newsletters. We look forward to a great event in Melbourne with all of our mates!
Membership Update: 740 and going strong!

Congratulations to our Society that is now over the 600-member mark! Although our student numbers are up (116) we need students to join us! There is an active trainee world of DOHaD – see our trainee section!

Please encourage your colleagues and trainees to sign up at www.dohadsoc.org.

We welcome new Council members and a change in leadership

Our new Council members will officially begin their tenure in October at the World Congress in Rotterdam. Many thanks for all of you that stepped up for a nomination, without you there would be no Council! If this time you were not successful in gaining a position or if you are new and interested in a Council position, the next round of elections will be in 2 years, look out for announcements over email and in our newsletters!

Please join us in welcoming our new President!

Prof Lucilla Poston is the Tommy’s Professor of Maternal and Fetal Health at King’s College London, UK. She is Head of the Division of Reproduction and Endocrinology and Director of Maternal and Fetal Research Unit at Kings College London, UK. She graduated in Physiology from University College London and undertook her PhD at London University. In 1995, she was appointed to Tommy’s the Baby Charity Chair of Maternal and Fetal Health at King’s College and founded the Maternal and Fetal Research Unit, an interdisciplinary research team investigating pre-eclampsia, pre-term labour and developmental programming of adulthood disease. Lucilla Poston is an honorary fellow of the Royal College of Obstetricians and Gynaecologists (UK), a Senior Investigator of the National Institutes of Health Research (NIHR) and a Fellow of the Academy of Medical Sciences (UK). Dr Poston has been a Society Council Trustee for the last 4 years and before that was a European representative. We look forward to working with her in her new leadership role.
THANK YOU to our outgoing President:

Now we must gratefully thank our outgoing President, Prof Mark Hanson. Mark has been a driving force for the Society since its inception; he is a founding Trustee of the Society and has been the Society’s President since 2007. At the University of Southampton, he was the founding Director of the Institute of Developmental Sciences and of the Academic Unit of Human Development and Health in the Faculty of Medicine. Mark is British Heart Foundation Professor of Cardiovascular Science and Research Area Lead in the National Institute for Health Research Southampton Biomedical Research Centre. With colleagues, he has pioneered a hospital research laboratory-based education programme for adolescents called "LifeLab" in Southampton. This aims to promote health and science literacy in students through provision of context-specific curriculum material to schools coupled with a visit to an educational laboratory, giving them hands-on experience of current research tools and engaging them with biomedical science. Over the last decade Prof Hanson has taken the field of DOHaD to new heights, working with the WHO on the Commission on Ending Childhood Obesity, with the NCD Alliance to bring a DOHaD approach to battling NCD risk and is constantly an advocate for a lifecourse approach to understanding health and disease. As Immediate Past-President he will take on a new role in assisting the Society in making a real difference to the lives of current and future generations globally.

Our new Council members:

President Prof Lucilla Poston, King’s College London, UK
Basic Science Prof Rebecca Simmons, University of Pennsylvania, USA
Trainee Dr Rose Ghenrawi, McGill University, Canada
Public Health and Policy Dr Sky Feuer, UCSF California, USA
Clinical Sciences Prof Paula Meir, Department of Pediatrics, Rush Medical College, USA
Trustee Prof Francisco Mardones Santander, Pontificia Universidad Catolica de Chile
Trustee Prof Chittaranjan Yajnik, KEM Hospital Research Centre, Pune, India

A very big thank-you to Prof John Challis, Dr Paola Casanello-Toledo and Matthew Gillman who have stepped down from Council this year. Best wishes from the Society with your future endeavours!
Trainee Section

Hello Trainees! We hope all is well, and wish you the best in all of your experiments and research endeavours!

Join the DOHaD trainee Facebook group
The ‘Developmental Origins of Health and Disease (DOHaD) Society Trainees’ Facebook group is a platform for contributing ideas, sharing new findings, and staying connected. We are open to all trainees and emerging scientists, and are up to 58 members! Please join the group here: https://www.facebook.com/groups/40896095891579/

Postdoc trainees – become a J DOHaD reviewer today!!
To learn more about reviewing J DOHaD articles, please email your trainee representatives Amita (amitab@mail.med.upenn.edu) and Sky (Sky.Feuer@ucsf.edu). We will provide you with additional details once you confirm your interest with us.

Get ready for DOHaD 2017 in Rotterdam
It’s never too late to get a jumpstart on next year’s DOHaD meeting! Amita and Sky are working with the organizers to create more trainee opportunities, networking events and workshops at the next world congress. If there is a particular theme that you feel is particularly valuable to your training, or that you would like to see represented, please let us know and we will work to incorporate it into the program.

Membership
If you would like to become a trainee member, or update your trainee membership, email Jane Pearce at ip@mrc.soton.ac.uk. The trainee membership fee is GBP 20 for one year, or GBP 35 for two years. Please encourage your fellow trainees to join today!

Questions? Ideas? Concerns? We would love to hear from you! Email your Trainee Council Representatives Amita or Sky: amitab@mail.med.upenn.edu; sky.feuer@ucsf.edu
Journal of Developmental Origins of Health and Disease (J DOHaD)

Impact factor data for 2016 are in we are delighted to say that J DOHaD has risen to 2.070 for 2016, up from 1.733 in 2015. Our citations also continue to rise. Congratulations to Mike Ross and his team for working hard to keep our Journal successful and also to you, the membership for submitting, publishing and citing our excellent papers!

For those of you not fully aware of the process, Impact Factor is determined by the number of citations (references) made by other journals in a given year (eg, 236 citations in 2016 to articles published in both 2014 and 2015) divided by the number of articles published in the preceding two-year window (eg, 114 articles published in 2016). Editorials, Reviews, and Original Articles all count towards this metric. We encourage the membership to acknowledge when appropriate the excellent quality and breadth of both our reviews and original reports for both submissions to J. DOHaD and other relevant journals.

REMEMBER: Membership of the DOHaD Society gives you *FREE ACCESS* to J DOHaD online. Soon after joining the Society, you will receive login details for J DOHaD. Register on the J DOHaD website to receive e-mails alerting you to new issues and table of contents

If you have not activated your *free subscription/members subscription* to JDOHAD or forgotten your login details please contact your regional Customer Services department: [http://journals.cambridge.org/action/contactUs](http://journals.cambridge.org/action/contactUs)
DOHaD Associated Groups:

*Don’t forget to join your favorite Associated DOHaD group!*

The Society’s aims to co–ordinate a DOHaD-based research strategy in different countries, to foster regular meetings and, especially, to promote the interchange of ideas, staff and expertise between laboratories and research groups across the world. In this regard, we encourage and support the formation of Associated Groups, where individuals that share a language, a geographical region, or a coordinated strategic mission, can come together and form either CHAPTERS or AFFILIATE groups. These groups are highly regarded by the Society, as they foster research interests in DOHaD internationally, support Society membership, and promote international research collegiality. The International Society will support its Associated Groups to the best of its ability and resources, wherever it is necessary and appropriate. The Society has many Associate Groups, so you should check on our website to see if there is one that you could belong to!

Interested in forming your own group? Visit our website for a template application, or contact DOHaD Administration at dohad@mrc.soton.ac.uk
WHO is Kristin Connor?

• Assistant Professor, Developmental Origins of Health and Disease, Department of Health Sciences, Carleton University, Ottawa, Canada
• Investigator, Ontario Birth Study, Lunenfeld-Tanenbaum Research Institute and Mount Sinai Hospital, Toronto, Canada
• connorlab.ca

WHERE did she come from?

• BScH in Molecular Biology and Genetics, Minor in Nutritional Sciences from the University of Guelph, Canada
• PhD in Reproductive and Developmental Physiology, University of Toronto, Canada
• Research Fellow, Liggins Institute and National Research Centre for Growth and Development (now Gravida), Auckland, New Zealand
• Research Fellow and Leader of Developmental Origins of Health and Disease Research Group (within the Women’s and Infants’ Health Research Programme of Prof. Stephen Lye), Lunenfeld-Tanenbaum Research Institute, Mount Sinai Hospital, Toronto, Canada

WHAT does she do?

Kristin’s research aims to understand how the early life environment influences maternal health, offspring development, and risk for preterm birth and chronic disease. Her team explores interactions between the environment, the host and its resident microbes, using animal models and human cohorts. In Canada, she currently conducts her human clinical research at the Lunenfeld-Tanenbaum Research Institute at Mount Sinai Hospital in Toronto, where through the Ontario Birth Study, she and collaborators Drs. Alan Bocking, Cynthia Maxwell, and Stephen Lye aim to understand the role of inflammation and the microbiome in shaping metabolic health and disease trajectories in mothers and their offspring. Through collaborations with investigators leading the Maternal-Infant Research on Environmental Chemicals (MIREC) cohort (Dr. Tye Arbuckle), Kristin’s group uses epidemiological approaches to understand the relationships between maternal weight before and during pregnancy, heavy metal exposure, and breastfeeding, on infant cognitive outcomes. Kristin’s research extends beyond Canada to teams in the United States, Brazil, South Africa, Australia and New Zealand. This includes mechanistic research to understand gestational tissue function and risk for preterm birth in underweight and overweight/obese pregnancies, using animal and human cohorts in Brazil and Canada with Dr. Enrrico Bloise. She is also the Canadian lead of a team investigating the impact of HIV exposure in utero in a South African cohort on infant growth, cognitive development, and function of the infant’s immune system, and how the early life nutritional environment may influence these outcomes.

Additionally:

• She has received various recognitions and awards such as a Canadian Institutes of Health Research Fellowship, was named a Venture Sinai Women’s Fellow, and received the Molly Towell Perinatal Research Foundation New Investigator Award.
• She also serves as an Associate Editor for the Journal of Developmental Origins of Health and Disease and is National Co-Chair of the Association of Canadian Early Career Health Researchers.

Featured Scientist’s Secrets:
• Best trainee advice she’s received: Be kind. To be a good mentor, be generous with your time. Learn a new technique or skill every year. Do good quality research, even if it means publishing less. Don’t do anything you can’t publish. Everything is publishable!

• What she loves about her work:
I think the most rewarding aspects of my research include being able to talk with and work with people from an array of disciplines and with varied interests and expertise. I was always interested in development and reproduction and had a personal interest in nutrition and metabolism. I was fortunate to become aware of some of the pioneering work John Challis and his colleagues had done on fetal physiology and pregnancy, just at the time the concept of the fetal origins of disease was emerging. I went to work with John on a project that merged my interests in pregnancy, development and nutrition to start to understand the effects of the early life nutritional environment on the programming of fetal growth and development, preterm birth, and later disease risk. I was fortunate to be mentored not only by John, but internationally recognised clinicians and scientists from around the world, particularly those in New Zealand, and others in Toronto. Through this network of people and research experiences to which my advisors and colleagues around the world introduced me, I was able to work in different places with some of the best clinicians and scientists. I have learnt so much from these encounters and collaborations and find these multidisciplinary perspectives invaluable to understanding health and disease. Added bonus: I have made some wonderful, lifelong friends through these experiences. I also love that as scientists and researchers we have the opportunity to try new things every day, and to engage with young people and the public to show them the value and joy of a career in science and investing in DOHaD research.

• And when she isn’t “sciencing” Kristin is... most likely travelling. She splits her time between Ottawa and Toronto in part for her research but also (importantly!) for family, as her husband, a wine and sake expert, is based in Toronto. Whilst she has yet to develop a refined palate for sake, she does have a deep appreciation for the health benefits of a good wine! Being active and getting outdoors is also important to Kristin, where cycling, hiking and kayaking at home, at the cottage, or on holidays, is routine. But she rarely escapes science – she often finds herself picking up non-fiction books to read on evolution, being human, and the relationships between science, society and human culture.
Upcoming Workshops and Conferences you might be interested in....

**2nd Annual Meeting of the USA DOHaD Society** will be held at the Detroit Yacht Club, Detroit, Michigan. The events will kick-off on Sept 25-27, 2017 Email Michael Ross at mikeross@UCLA.edu for additional information about the USA DOHaD Society.

The **2nd Annual DOHaD Canada meeting** will be held in conjunction with the Canadian National Perinatal Research Meeting, in Banff, Alberta, Feb 14th 2018 (CNPRM Feb 14- 17, 2018). For more information on CNPRM see [http://www.cnprm.org/](http://www.cnprm.org/).

**IUNS-ICN 21st International Congress of Nutrition**: from science to nutrition security
Buenos Aires, Argentina, October 23-27, 2017

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**DOHaD WORKSHOPS:**
**We can support you!**

Planning a workshop? – apply for support from the DOHaD Society – see website for details. Workshop support applications from Developing Countries are needed.

Apply today!

Need support in planning your next DOHaD workshop? Look no further, your Society will support you, and the support has just increased! If you are applying from a Developing Country you can receive up to £1500 and developed country applicants can receive up to £750 to help you put on the best workshop you can. Simply fill out the application at [https://dohadsoc.org/members-area/workshop-support/](https://dohadsoc.org/members-area/workshop-support/) and submit it to the DOHaD office dohad@mrc.soton.ac.uk.
Advertisement for DOHaD Society Membership

Tell your colleagues about the advantages to becoming a DOHaD member. Please post this advert in your Department and increase our Society exposure.

Looking for work?
DOHaD-related positions

Have a DOHaD-related position that you want to advertise in the Newsletter? Please email the DOHaD Office dohad@mrc.soton.ac.uk with the details and we will post it for you here in the Newsletter.

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Newsletter Contributions
We want to hear from you!

Send comments, and material for future newsletters to Deb Sloboda sloboda@mcmaster.ca or to the DOHaD office dohad@mrc.soton.ac.uk

All previous newsletters are available in the members’ area of the DOHaD Society website
WHY JOIN?

FREE JOURNAL SUBSCRIPTION
Your membership gives you a FREE subscription to the online Journal of Developmental Origins of Health and Disease.

TRAVEL AWARDS
Members can apply for travel awards to attend DOHaD World Congresses.

WORKSHOP SUPPORT
As a member you are eligible to apply for financial support for workshops, meetings and conferences.

PREFERENTIAL REGISTRATION
You will receive a reduced registration rate at the Biannual World Congress meetings.

NEWSLETTER
Regular newsletter highlighting hot topics and current research initiatives across the field.

why not join your colleagues as a member of
THE INTERNATIONAL SOCIETY
FOR DEVELOPMENTAL ORIGINS
OF HEALTH AND DISEASE

MEMBERSHIP RATES:

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Rates for individuals from developing countries are discounted & based on country of origin.
Look online! (free or £20)

APPLY ONLINE TODAY!

This international scientific society is a registered charity which promotes research into the developmental origins of health and disease. We now know that a poor start to life, including impaired growth and excessive adiposity, is associated with increased risk of non-communicable diseases throughout the life course. Research into DOHaD involves scientists from around the world. The DOHaD Society promotes cohesion and shared knowledge between multidisciplinary groups spanning policymakers, clinical and basic scientists.

MRC Lifecourse Epidemiology Unit, Southampton Tel: 03-44-033230 777824 Email: dohad@mrc.south.ac.uk www.dohadsoc.org