



A Newsletter from the CIHR Institute of Nutrition, Metabolism and Diabetes

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INMD *Connections*

Message from INMD Scientific Director



From left: Drs. Daniel Figeys, David Mack, Philip Sherman (CIHR); Alain Stintzi; & James Butcher, Univ. Ottawa

I was pleased to participate in the announcement of the results of the **Programmatic Grants in Environments, Genes and Chronic Disease (EGCD)** competition, which rolled out at institutions across Canada on May 2, 2016. The Programmatic Grants in EGCD will fund research to better understand the role of environment and genes in chronic disease and, ultimately, contribute to the development of prevention strategies and new treatments for a range of chronic conditions. The **Programmatic Grants in EGCD** are part of the **Environments and Health Signature Initiative**, a multi-pronged approach to improving our understanding of how the environment contributes to human health.

In partnership with Genome British Columbia and Crohn's and Colitis Canada, CIHR is funding eight Programmatic Grants in Chronic Disease listed on the table on the next page. Congratulations to all of the recipients of the Programmatic Grants in EGCD! We look forward to learning about the results arising from your research efforts.

Philip M. Sherman, MD, FRCPC
Scientific Director, INMD

Listen to the interview with Dr. Philip Sherman on the importance of the **EGCD Funding Opportunity Announcement!**

Operating Grant: Strategy for Patient-Oriented Research (SPOR) Primary and Integrated Health Care Innovations (PIHCI) Network: Quick Strikes

INMD congratulates the successful applicants, Roger Chafe (Memorial Univ.) and Aminu Bello (Univ. Alberta), along with each of their respective co-PIs who received funding in the **Operating Grant: SPOR PIHCI Network: Quick Strikes**.

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Programmatic Grants in Environments, Genes and Chronic Disease

INMD congratulates the successful applicants who received funding in the following competition:

Nominated Principal Investigator	Co-Principal Investigators	Title
Philip Awadalla (Ontario Institute for Cancer Research)	Trevor Dummer; John Joseph Spinelli	<u>Determining genetic and environmental factors associated with metabolic phenotypes across Canada</u>
Vernon Dolinsky (Univ. Manitoba)	James Davie; Michael Kobor; Garry Shen; Brandy Wicklow	<u>Developmental origins of obesity and obesity-related complications in children</u>
Jennifer Gommerman (Univ. Toronto)	Kenneth Croitoru	<u>Elucidating gene-environment interactions that drive autoimmune disease among South Asian Canadians</u> In Partnership with Crohn's and Colitis Canada
Alberto Martin (Univ. Toronto)	Catherine O'Brien	<u>Impact of the gut microbiome and environment on the development of colorectal cancer</u>
Gregory Steinberg (McMaster Univ.)	Katherine Mary Morrison	<u>Gene environment team on brown/beige adipose tissue</u>
Alain Stintzi (Univ. Ottawa)	Daniel Figeys; David Mack; Kieran O'Doherty, Bruce Vallance	<u>Diet-microbiota-gut axis in pediatric IBD</u> In Partnership with Crohn's and Colitis Canada
Padmaja Subbarao (Hospital for Sick Children)	Jeffrey Brook; Russell De Souza; Qingling Duan; Anita Kozyrskyj; Wen-Yi Lou; Michael Surette	<u>Gene and environment effects on lung health and risk for chronic respiratory disease, asthma & COPD</u>
Stuart Turvey (Univ. British Columbia)	Jeffrey Brook; Michael Kobor	<u>Programmatic research to understand how modifiable environmental factors interact with the genome in the development of asthma</u> In Partnership with Genome BC

RESEARCHER PROFILE

Daniel Roth, MD, PhD

American Society of Nutrition 2016 Samuel J. Fomon Young Physician Award



Daniel Roth is a pediatric clinician-scientist on faculty at the Hospital for Sick Children (SickKids) and Assistant Professor in the Depts. Paediatrics and Nutritional Sciences at Univ. Toronto. Daniel is a member of the SickKids Centre for Global Child Health. Dr. Roth completed his MD at Univ. British Columbia (2002) and residency in Pediatrics at Univ. Alberta (2006). With support of a CIHR Clinician-Scientist phase 1 award, Daniel completed a

PhD in international health and nutrition at the Bloomberg School of Public Health at Johns Hopkins University (2011). His clinical and epidemiological research addresses the measurement, mechanisms, and consequences of early childhood undernutrition and impaired linear growth in low-income settings. In collaboration with colleagues in Bangladesh, he has led studies evaluating the effects of prenatal vitamin D supplementation on maternal and infant vitamin D and calcium metabolism, pregnancy outcomes, neonatal immune function, and infant growth. Dr. Roth is PI of a large randomized controlled trial assessing the effects of vitamin D supplementation during pregnancy and lactation on child growth and health outcomes in Dhaka, Bangladesh with funding provided by the Bill and Melinda Gates Foundation.

CIHR recruitment: College Chair with expertise in patient and citizen engagement

CIHR is looking to fill a College Chair position with expertise in patient and citizen engagement, and experience with peer review processes. This Chair will ensure patient and citizen perspectives are integrated throughout the implementation of the College of Reviewers. The selected individual will join the other soon to be announced inaugural College Chairs, who will work in collaboration with CIHR's Chief Scientific Officer to recruit and oversee the peer reviewer membership base and provide the strategic guidance needed to build the College of Reviewers into a national resource. The College of Reviewers is a CIHR initiative to enhance the peer review system. **Deadline: May 27, 2016. [Read more about the opportunity.](#)**

The Institute of Nutrition, Metabolism and Diabetes (INMD) supports research to enhance health in relation to diet, digestion, excretion, and metabolism; and to address causes, prevention, screening, diagnosis, treatment, support systems, and palliation for a wide range of conditions and problems associated with hormone, digestive system, kidney, and liver function.

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