

Children's Nutrition Research Center
 Postdoctoral Seminars
 February 2018 – June 2018

6-Feb	<i>Journal Clubs</i>
13	<i>How <u>Your</u> Research Might Fit into Defining Population Nutrient Needs- The Scientific Basis of the Dietary Reference Intakes</i> – Nancy E. Moran, PhD, Assistant Professor of Pediatrics-Nutrition
20	Aarti Jajoo (Hanchard): DNA methylation patterns in Severe Childhood Malnutrition & Ligia Alfaro-Cruz (Shulman): The role of Diet in Functional Gastrointestinal Disorders in Children
27	Thaddaeus May (Jahoor): New Insights for Preventing Kwashiorkor & Zhihua Qi (Guan): Tissue-specific transcriptome prediction and gene-level association mapping
6-Mar	<i>Journal Clubs</i>
13	<i>Parenting Influences on Children's Obesity Risk: Theoretical and Methodological Issues</i> – Sheryl O. Hughes, PhD, Associate Professor of Pediatrics-Nutrition
20	Yong Han (Wu): Deciphering a novel neural circuit bridging the control of feeding and mood disorders & Wang Chunmei (Xu): <i>TA63</i> Contributes to Sexual Dimorphism in POMC Neuron Functions and Energy Homeostasis
27	Lydi-Anne Vezina-Im (Baranowski): Sleep to Promote Women's Health & Yanlin He (Xu): Estrogen-responsive neurons in the ventrolateral VMH regulate glucose balance
3-Apr	<i>Journal Clubs</i>
10	<i>Lactation Biology in the Post-Genomic Era</i> – Darryl L. Hadsell, PhD, Associate Professor of Pediatrics-Nutrition
17	Ana Carolina Barco-Leme (Baranowski): Adolescent food categorization and understanding of dietary intake terms & Tiffany Molina (Burrin): Effects of DHA Enriched Multicomponent Lipid Emulsion on Growth and Development in a Preterm Piglet Model
24	Cecilia Primo Planta (Hirschi): Does dual localization of AVP1 imply dual functions? Characterization of pyrophosphate synthase activity of the Arabidopsis thaliana type I H ⁺ -pyrophosphatase AVP1 & Jane Naberhuis (Davis): Prematurity blunts feeding-induced stimulation of translation initiation signaling and protein synthesis in muscle of neonatal piglets
1-May	<i>Journal Clubs</i>
8* (*meets on 11 th floor)	<i>Data visualization: the blind leading the young</i> – Kendal Hirschi, PhD, Professor of Pediatrics-Nutrition
15	<i>No postdoc seminar</i>
22	Greg Guthrie (Burrin): Reduced Phytosterol Concentration in a Soy-Based Lipid Emulsions Decrease Indices of Parenteral Nutrition Associated Liver Disease in Neonatal Piglets & C. Anthony Scott (Waterland): Deconvoluting heterogeneous cell populations using whole genome bisulfite sequencing
29	<i>No Seminar (Memorial Day week)</i>
5-June	<i>Journal Clubs</i>
12	Fukuda, Makoto: SOCS3-luciferase mice: a model to identify mediators of leptin resistance & Xing Cai "Grace" (Xu): Brain 5-HT neurons project to segregated downstream targets to control hunger-driven feeding and hedonic feeding
19	Marko Rudar (Davis): Impact of feeding modalities on muscle protein synthesis and lean growth in preterm pigs & Chathura Gunasekara (Waterland): An algorithmic approach to identify meta-stable epialleles in human epigenome
26	Nady El-Hajj (Waterland): Like father like son: screening for transgenerational epigenetic inheritance at metastable epialleles & Harry MacKay (Waterland): Identifying and characterizing cell type-specific epigenetic perturbations in the hypothalamus and their effects on Metabolic Phenotype
Summer break	<i>No Seminar (July - August)</i>

Tuesdays, 12-1pm. Sam Fomon Conference room, 2nd floor, CNRC