Curriculum & Agenda

Hands-on Group Sessions
Monday and Wednesday afternoons will feature hands-on workshops focused on achievable approaches.

Practice-based Session
Practice-based session: Attendees participating in this session will learn to use genetic concepts, common variants and the occasional haplotype in everyday practice. The session will review typical case scenarios and explore specific language for effective messaging.

Research-based Session
Research-based session: Attendees participating in this session will learn to implement and experiment with statistical methods involving their own genetic data* They will also learn to interpret their genotype data. Attendees interested in this session are required to know the use of command-line interface.

*only with early registration

Monday, May 16, 2022

8:30 AM  Registration and Continental Breakfast
9:15 AM  Welcome to Workshop  Saroja Voruganti, PhD
9:25 AM  Overview of Nutrigenomics/Nutrigenetics  Martin Kohlmeier, MD, PhD
10:15 AM  Genetics primer for Nutrition Researchers  Brian Bennett, PhD
11:05 AM  BREAK
11:20 AM  Genetics in Nutritional Epidemiology  Kari North, PhD
12:10 PM  Experimental Approaches in Nutrigenetics #1  Martin Kohlmeier, MD, PhD
1:00 PM  LUNCH
2-4:30 PM  Workshop 1 - Analyze and Interpret Your Genetic Data  Saroja Voruganti, PhD and Martin Kohlmeier, MD, PhD
6:00 PM  Introductory Reception and Dinner

Tuesday, May 17, 2022

8:30 AM  Continental Breakfast
9:00 AM  Experimental Approaches in Nutrigenetics #2  Cory Brouwer, PhD
9:50 AM  NGx for Studying Nutrient Requirements  Susan Smith, PhD
10:40 AM  NGx for Study of Cancer  Stephen Hursting, PhD
11:30 AM  BREAK
11:45 AM  NGx for Study of Cognitive Function  Carol Cheatham, PhD
12:35 PM  NGx and Metabolomics  Susan Sumner, PhD
1:25 PM  LUNCH
4-9:00 PM  Afternoon Group Activities (NRI Tour, Dinner and Cannon Ballers Game)
6:00 PM  Dinner at Embassy Suites (for all others)
Wednesday, May 18, 2022
8:30 AM  Continental Breakfast
9:00 AM  NGx and Microbiome  Katie Meyer, PhD
9:50 AM  Nutrition and Epigenetics - a Primer  Folami Ideraabdullah, PhD
10:40 AM  BREAK
10:55 AM  Nutrient Genetic Regulation of Methylation Potential  Natalia Krupenko, PhD
11:45 AM  Epigentics and Metabolic Programming  Elizabeth Tejero, PhD
12:35 PM  LUNCH
2-4:30 PM  Workshop 2 - Analyze and Interpret Your Genetic Data  Saroja Voruganti, PhD and Martin Kohlmeier, MD, PhD
6:00 PM  Banquet Dinner with Keynote Speaker  Dr. Robert Waterland

Thursday, May 19, 2022
8:30 AM  Continental Breakfast
9:00 AM  Childhood Obesity: an Overview  Saroja Voruganti, PhD
9:15 AM  Nutrition and Epigenetics in Childhood Obesity  Margarita Teran-Garcia, PhD
10:05 AM  BREAK
10:20 AM  Biological and Social Determinants of Childhood Obesity  Felipe Ortega, PhD
11:10 AM  Application of NGx Approaches to Obesity Prevention in Children  Elizabeth Tejero, PhD
12:00 PM  LUNCH