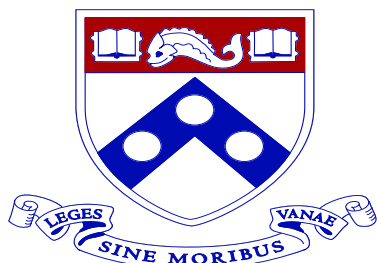


Institute of Diabetes, Obesity and Metabolism
The Joint Penn-CHOP Center for Digestive, Liver and Pancreatic Medicine
The NIH Center for Molecular Studies in Digestive and Liver Diseases



Symposium

***“Nutrition, Obesity, and Metabolomics
at the Clinical Interface”***

Co-Sponsored by CHOP Healthy Weight Program

Wednesday, February 6th, 2013

**1100 A&B Colket Translational
Research Building
3501 Civic Center Boulevard**

- 7:30 – 8:00 **Registration and Breakfast**
- 8:00 – 8:05 **Welcome and Introduction**
Rexford S. Ahima, MD, PhD
Professor of Medicine, Division of Endocrinology, Diabetes and Metabolism; Director of Obesity Unit, Institute for Diabetes, Obesity and Metabolism; Director of Diabetes Research Center Mouse Phenotyping Core, UPenn
Patricia DeRusso, MD, MS, FAAP
Associate Professor of Clinical Pediatrics, Division of Gastroenterology, Hepatology, and Nutrition; Director, Healthy Weight Program, CHOP
- 8:05 – 9:00 **Keynote Address**
David S. Ludwig, MD, PhD
The John F. Crigler, Jr. & Mary A.S. Crigler Chair in Pediatric Endocrinology, Boston’s Children’s Hospital
“Diet, nutrition and childhood obesity”
Session I: Host Genetic and Environmental Factors Associated with Obesity and Related Metabolic Diseases
Moderated by Rotonya Carr, MD and Virginia Stallings, MD
- 9:00 – 9:30 **Struan Grant, PhD**
Assistant Professor of Pediatrics, Division of Human Genetics and Molecular Biology, CHOP
“The genetics of childhood obesity”
- 9:30 – 10:00 **Judith R. Kelsen, MD**
Assistant Professor of Pediatrics, Division of Gastroenterology, Hepatology and Nutrition, CHOP
“The gut microbiota and diseases of modern society”
- 10:00 – 10:30 **Muredach P. Reilly, MBBCH, MSCE**
Associate Professor of Medicine, Division of Cardiology and Vascular Medicine, Perelman School of Medicine, UPenn
“Novel translational models of nutrition and inflammation in cardio-metabolic disease”
- 10:30 – 10:45 **Break**
- Session II: Diet and Nutrition as a Therapeutic Modality**
Moderated by Octavia Pickett-Blakely, MD, MHS and Elizabeth Prout Parks, MD, MSCE
- 10:45 – 11:15 **Jonathan M. Spergel, MD, PhD**
Associate Professor of Pediatrics, Division of Allergy and Immunology, CHOP
“Defined formula diets and food elimination/restriction in the treatment of eosinophilic esophagitis”
- 11:15 – 11:45 **Lindsey G. Albenberg, DO**
Fellow, Division of Gastroenterology, Hepatology and Nutrition, CHOP
“Defined formula diets in the treatment of Crohn’s disease”
- 11:45 – 12:15 **Marc Yudkoff, MD**
William T. Grant Professor in Pediatrics, Division of Child Development, Rehabilitation Medicine and Metabolic Disease, CHOP
“Nutrition and dietary restriction in patients with inborn errors of metabolism”
- 12:15 – 1:00 **Lunch**
- Session III: Analytical Tools to Study Diet, Nutrition and Metabolism**
Moderated by Rotonya Carr, MD and Virginia Stallings, MD
- 1:00 – 1:30 **Charlene W. Compher, PhD, RD**
Professor of Nutrition Science, Department of Nutrition Sciences, School of Nursing, UPenn
“What are the advances and limitations in quantifying dietary intake in humans?”
- 1:30 – 2:00 **Rexford S. Ahima, MD, PhD**
Professor of Medicine, Division of Endocrinology, Diabetes and Metabolism, Perelman School of Medicine, UPenn
“Quantification of whole body metabolism in animal models”
- 2:00 – 2:30 **Babette S. Zemel, PhD**
Research Professor of Pediatrics, Division of Gastroenterology, Hepatology and Nutrition, CHOP
“Quantification of whole body metabolism in humans”
- 2:30 – 3:00 **Michael J. Bennett, PhD**
Professor of Pathology and Laboratory Medicine, Department of Pathology and Laboratory Medicine, CHOP
“Mass spectroscopy based metabolomics in patients with inborn errors of metabolism”
- 3:00 **Closing Remarks**

Register online at: http://www.med.upenn.edu/jointcenterfordighealth/symposium_registration.shtml