



Pennington Scientific Symposium

Optimal Clinical Management and Treatment of Childhood Obesity and Translation to the Public Health Context

October 27 - 30, 2013

Objectives

1. To integrate the latest published and unpublished findings on the clinical treatment and management of pediatric obesity.
2. To understand how the clinical treatment and management of pediatric obesity can be integrated into public health approaches.

Scientific Planning Committee

Claude Bouchard, PhD
Catherine Champagne, PhD, RD
Daniel Hsia, MD
Peter Katzmarzyk, PhD (Chair)
Leanne Redman, PhD
Amanda Staiano, PhD

Scientific Symposium Agenda

Sunday, October 27

- 6:00 p.m. **Shuttle from Hotel to Pennington Biomedical Research Center**
- 6:15-8:30 p.m. **Tour, Jazz Reception and Dinner**
Pennington Conference Center, Upper Atrium
- 8:45 p.m. **Hospitality Suite (Room TBD)**

Monday, October 28

All sessions in the Abell Room, Lod Cook Alumni Center.

- 8:30-8:45 **Pennington Biomedical Research Center: Mission and Programs**
William Cefalu, MD, Executive Director
Pennington Biomedical Research Center
- 8:45-9:00 **Introduction and Format of Symposium**
Peter T. Katzmarzyk, PhD
Pennington Biomedical Research Center
- SESSION 1** **Epidemiology and Biology of Pediatric Obesity**
Chair: Amanda Staiano, PhD, Pennington Biomedical Research Center
- 9:00-9:45 **Epidemiology of Pediatric Obesity and Severe Obesity**
Peter T. Katzmarzyk, PhD
Pennington Biomedical Research Center
- 9:45-10:30 **The Human Genome: One of the Drivers of Pediatric Obesity**
Claude Bouchard, PhD
Pennington Biomedical Research Center
- 10:30-10:45 **BREAK**
- 10:45-11:30 **Adipose Tissue Development and Epigenetic Effects on Pediatric Obesity**
Michael Symonds, PhD
University of Nottingham, Nottingham, UK
- SESSION 2** **Intergenerational Effects on Pediatric Obesity**
Chair: Leanne Redman, PhD, Pennington Biomedical Research Center
- 11:30-12:15 **The Intrauterine Environment and Pediatric Obesity**
Patrick M. Catalano, MD
MetroHealth Medical Center, Cleveland, OH
- 12:15-1:00 **Lunch – Cook Room, Lod Cook Alumni Center**
- 1:00-1:45 **Maternal Nutrition and Developmental Programming of Obesity in Offspring: Evidence from Animal Models**
Mark Vickers, PhD
The University of Auckland, New Zealand

- 1:45-2:30** **Maternal Weight Gain and Pediatric Obesity**
Leanne Redman, PhD
Pennington Biomedical Research Center
- 2:30-2:45** **BREAK**
- SESSION 3** **What Is and Isn't Working in the Treatment of Childhood Obesity**
Chair: Catherine Champagne, PhD, RD, Pennington Biomedical Research Center
- 2:45-3:30** **Mobile-Health Approaches to Treat Childhood Obesity**
Donna Spruijt-Metz, PhD
USC Keck School of Medicine
- 3:30-4:15** **Exergaming as a Strategy to Treat Pediatric Obesity**
Amanda Staiano, PhD
Pennington Biomedical Research Center
- 4:15-5:00** **Efficacy and Effectiveness of Physical Activity and Nutrition Interventions
in Pediatric Obesity**
Hollie Raynor, PhD
University of Tennessee
- 5:00-7:00** **Hospitality Suite (Room TBD)**
- 7:00-9:00** **Dinner – Cook Room, Lod Cook Alumni Center**
- 9:00** **Hospitality Suite (Room TBD)**

Tuesday, October 29

All sessions in the Abell Room, Lod Cook Alumni Center.

- 8:30-9:15** **Family-Based Pediatric Obesity Treatment Programs**
Denise Wilfley, PhD
University of Washington in St. Louis
- SESSION 4** **Surgical and Pharmacological Approaches to Pediatric Obesity**
Chair: Daniel Hsia, MD, Pennington Biomedical Research Center
- 9:15-10:00** **Bariatric Surgery for Obesity and Risk Factor Reduction in Pediatrics**
Thomas H. Inge, MD
Cincinnati Children's Hospital Medical Center
- 10:00-10:15** **BREAK**
- 10:15-11:00** **Pharmacological Approaches to Treat Pediatric Obesity**
Jack Yanovski, MD, PhD
National Institute of Child Health and Human Development
- 11:00-12:30** **Round Table Consensus & Boxed Lunch**