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 To integrate the latest published and unpublished findings on the clinical treatment and management of pediatric obesity.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