

Wednesday Morning Session (8 am – 12 pm)

Future Research (moderator: Dr. Lorraine Lanningham-Foster)

8.20 – 8.55 am	BREAKFAST
9.00 – 9.50 am	Developing a Model to Guide Future Research Dr. Anna Maria Siega-Riz, Professor University of North Carolina, Chapel Hill, NC
9.55 – 10.45 am	Issues Relating to Diet and Physical Activity Assessment Methodology Dr. Christina Campbell, Associate Professor Iowa State University, Ames, IA
10.45 – 11.00 am	BREAK
11.05 – 11.55 am	Panel Discussion (Dr. P. Wadhwa, Dr. Siega-Riz, Dr. Campbell)
12.00 pm	Closing Remarks Dr. Christina Campbell, Associate Professor Iowa State University, Ames, IA

Target Audience for this Symposium are Scientists, Professionals & Practitioners with an Interest in a Multi-disciplinary Approach to Intervention and Prevention Strategies Targeting Obesity with a Focus on Maternal and Childhood Obesity

- Researchers
- Food Industry
- Fitness/Exercise Industry
- Medical Doctors
- Registered Nurses
- Nurse Practitioners
- Physician's Assistant
- Midwives
- Dietitians
- Nutritionists
- Health Coaches
- Personal Trainers
- Exercise Physiologists
- Students
- Other allied healthcare workers who have interest in obesity and health-related research.

Sponsors



2010-11 Dean Helen LeBaron Hilton Chair Committee
NWRC
Office of Biotechnology, Iowa State University
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IOWA STATE UNIVERSITY

Nutrition & Wellness Research Center

2011 Symposium May 9-11

Gateway Hotel & Conference Center,
Ames, IA

Origins of Obesity



Maternal, Epigenetic,
& Lifestyle Factors

Monday Afternoon Session (12.45 pm - 4 pm)**Maternal Session** (moderator: Dr. Christina Campbell)

12.15 – 12.35 pm	REGISTRATION
12.45 – 12.55 pm	Welcome & Opening Remarks Dr. Christina Campbell, Associate Professor Iowa State University, Ames, IA
1.00 – 1.50 pm	Fetal Programming of Childhood Obesity and Metabolic Dysfunction Dr. Pathik Wadhwa, Professor University of California, Irvine, CA
1.55 – 2.45 pm	Lifestyle Intervention During Pregnancy Dr. Michelle Motolla, Associate Professor University of Western Ontario, London, ON, Canada
2.45 – 3.00 pm	BREAK
3.05 – 3.55 pm	Physical Activity and Gestational Diabetes Mellitus Risk Dr. Lisa Chasan-Taber, Associate Professor University of Massachusetts, Amherst, MA
4.30 – 6.30 pm	Wine and Cheese Reception Sponsored by the NWRC Flakoll Conference Room, NWRC, Ames, IA
5.15 & 5.45 pm	NWRC Tours

Keynote Address (7.00 – 9.00 pm, Monday Night)**The Role of Physical Activity in the Prevention and Treatment of Obesity**

Dr. Steven N. Blair, Professor
2010-2011 Dean Helen LeBaron Hilton Chair
 University of South Carolina, Columbia, SC

Registration Rates and Information

The registration fee includes Tuesday and Wednesday breakfast, Tuesday lunch, refreshment breaks on Monday, Tuesday & Wednesday, a reception Wednesday night, and one copy of conference materials.

Registration Rates	Early Reduced (on or before April 17 th , 2011)	Regular or On-Site (on or after April 18 th , 2011)
Student	\$50	\$60
ISU Staff	\$75	\$100
Faculty	\$110	\$140
Medical Professional or Allied Healthcare Worker	\$150	\$180
Other	\$150	\$180

Refund Policy

Requests for registration refunds will be honored if a written cancellation is received on or before Friday, April 22, 2011. \$20 processing fee will be deducted from all refunds. Sorry, no refunds will be honored after Friday, April 22, 2011.

Tuesday Morning Session (8 am – 12 pm)**Lifestyle Session** (moderator: Dr. Lorraine Lanningham-Foster)

7.20 – 7.55 am	BREAKFAST
8.00 – 8.50 am	Childhood and Adolescent Obesity: Understanding the Links to Maternal and Family Stress Dr. Brenda Lohman, Associate Professor Iowa State University, Ames, IA
8.55 – 9.45 am	Role of Exercise, Energy Restriction and Breastfeeding in the Promotion of Postpartum Weight Loss and Prevention of Maternal Obesity Dr. Cheryl Lovelady, Professor University of North Carolina, Greensboro, NC
9.50 – 10.05 am	BREAK
10.10 – 11.00 am	Parental Influence on Shaping Home Obesigenic Environments: Development and Application of FNPA) creening Tool Dr. Gregory Welk, Associate Professor Iowa State University, Ames, IA
11.05 – 11.55 am	Early Markers of Adult Obesity (ELMO): A Review Dr. Anna Farmer, Assistant Professor University of Alberta, Edmonton, AB, Canada Sponsored by ILSI-North America
12.00 – 1:10 pm	LUNCH

Tuesday Afternoon Session (1.30 pm – 4.30 pm)**Epigenetic Session** (moderator: Dr. Kevin Schallinske)

1.30 – 2.20 pm	Role of Poly Unsaturated Fatty Acids (PUFA) in Fetal Programming Dr. Sheila Innis, Professor University of British Columbia, Vancouver, BC, Canada
2.25 – 3.15 pm	Influence of Maternal Diet During Pregnancy on Gene Expression in Children Dr. Angela Devlin, Assistant Professor University of British Columbia, Vancouver, BC, Canada
3.15 – 3.30 pm	BREAK
3.35 – 4.25 pm	Influence of Maternal and Neonatal Environment on Adipose Tissue Cell Function Dr. Kate Claycombe, Chair-elect for ASN-RIS USDA, Grand Forks, ND
4.30 – 6.30 pm	Poster Session/Competition and Reception

