**Nutrition in Pregnancy Conference**  
May 2-3, 2019, Marriott Marquis Hotel, Washington, DC  
Conference Program

**Thursday, May 2, 2019**

| Welcome | Kent Thornburg, Ph.D.  
M Lowell Edwards Chair, Professor of Medicine; Director Center for Developmental Health, Knight Cardiovascular Institute; Director, Bob and Charlee Moore Institute for Nutrition & Wellness, Oregon Health & Science University  
Roberto Romero, M.D.  
Chief, Perinatology Research Branch Director, Division of Obstetrics and Maternal-Fetal Medicine, Intramural Division, NICHD, NIH, DHHS, Editor-in-Chief for Obstetrics, American Journal of Obstetrics & Gynecology, Detroit, Michigan |
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| Question to consider throughout the conference:  
Should all pregnant women receive dietary assessment and advice? | |
| **Session 1: What is the evidence that nutrition in pregnancy is important?**  
Highlights | |
| Evidence that maternal nutrition matters | Anna Maria Seiga-Riz, Ph.D.  
Professor of Nursing, Associate Dean for Research, Jeanette Lancaster Alumni Professor of Nursing, University of Virginia |
| Offspring consequences: maternal diet & pregnancy outcomes | Kent Thornburg, Ph.D.  
M Lowell Edwards Chair, Professor of Medicine; Director Center for Developmental Health, Knight Cardiovascular Institute; Director, Bob and Charlee Moore Institute for Nutrition & Wellness, Oregon Health & Science University |
| How maternal nutrition nourishes the fetus | William Hay, M.D.  
Professor, Pediatrics-Neonatology; Scientific Director, Perinatal Research Center; Assistant Director, Training Program in Neonatal-Perinatal Medicine; Director, Child Maternal Health Program; Director, Neonatal-Perinatal Clinical Translational Research Center; Co-Director, Colorado Clinical and Translational Sciences Institute, University of Colorado Hospital |
| Break | |

**Session 2: Nutritional Requirements of Preconception & Pregnancy**

| Preconception | Nancy Krebs, M.D., M.S.P.H., F.A.C.P.  
Professor, Pediatrics-Nutrition; Head, Section of Nutrition; Vice Chair, Academic Affairs, Department of Pediatrics, Children’s Hospital Colorado |
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| Micronutrient requirements across gestation | Usha Ramakrishnan, M.S., Ph.D.  
Professor of Global Health, Rollins School of Public Health, Emory University |
| Race, ethnic, cultural differences | |
| Lunch | |

**Session 3: Panel discussion: Gestational weight gain: A critical appraisal of the Institute of Medicine guidelines**

| Introduction to Panel Discussion | Patrick Catalano, M.D.  
Professor, Obstetrics and Gynecology; Vice Chair of Research, Department of Obstetrics and Gynecology, Mother Infant Research Institute, Tufts University School of Medicine |
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| Panel discussion: Gestational weight gain: A critical appraisal of the Institute of Medicine guidelines | Moderator:  
Emily Oken, M.D., M.P.H.  
Panelists:  
Barbara Abrams, Dr.P.H., R.D.  
Patrick Catalano, M.D.  
Anna Maria Seiga-Riz, Ph.D. |

**Session 4: Adolescents & Pregnancy**

| Animal models of adolescent nutrition during pregnancy | Jacqueline Wallace, Ph.D., D.Sc.  
Senior Research Scientist, Rowett Research Institute, UK |
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<td>Puberty and adolescent pregnancy</td>
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### Session 5: Lactation and Infant Nutrition

**Lactation**
- Nicole Marshall, M.D.
  - Assistant Professor of Obstetrics and Gynecology, School of Medicine, OHSU

**TFetal nutrition as a guide to nutrition of preterm infants**
- William Hay, M.D.
  - Professor, Pediatrics-Neonatology; Scientific Director, Perinatal Research Center; Assistant Director, Training Program in Neonatal-Perinatal Medicine; Director, Child Maternal Health Program; Director, Neonatal-Perinatal Clinical Translational Research Center; Co-Director, Colorado Clinical and Translational Sciences Institute, University of Colorado Hospital

**Nutrition for preterm infants**
- Daniel Raiten, Ph.D.
  - Pediatric Growth and Nutrition Branch, National Institutes of Health

### Session 6: Nutrition of Mothers with Medical Conditions

**Obesity & diabetes**
- Teri Hernandez, Ph.D.
  - Associate Professor of Medicine, Endocrinology, Metabolism and Diabetes, School of Medicine, University of Colorado

**Pregnancy post bariatric surgery**
- Jonathan Purnell, M.D.
  - Professor of Medicine, Division of Cardiovascular Medicine, School of Medicine, OHSU

**Maternal diet and offspring skeletal development**
- Kartik Shankar, Ph.D., D.A.B.T.
  - Associate Professor, Department of Pediatrics, UAMS, Director, Metabolic Programming Lab, ACNC

### Session 7: Health Concerns Related to Diet

**Environmental exposure and diet**
- Emily Oken, M.D.
  - Professor, Department of Nutrition, Department of Population Medicine, Harvard Medical School and Harvard Pilgrim Health Care Institute

**Fad diets during pregnancy**
- Diane Stadler, Ph.D., R.D.N., L.D.
  - Assistant Professor of Medicine, Director, Graduate Programs in Human Nutrition, Director, Dietetic Internship, Graduate Programs in Human Nutrition, School of Medicine, OHSU; Director, Curriculum Development: Laos American Nutrition Institute, AA.OHSU Global Southeast Asia

**Maternal microbiome and effect on offspring**
- Jed Friedman, Ph.D., M.S.
  - Professor, Pediatrics-Neonatology, School of Medicine, University of Colorado and Nutrition Obesity Research Center

**American food culture**
- Joanne Spahn, M.S., R.D.
  - Director, Evidence Analysis, Library Division, USDA Center for Nutrition policy and Promotion

### Session 8: The Way Forward

**Programs to improve nutrition**
- Parul Christian, Dr.P.H.
  - Senior Program Officer, Women's Nutrition at the Bill & Melinda Gates Foundation

**What should dietary guidelines include?**
- Alison Steiber, Ph.D., R.D.
  - Chief Science Officer, Academy of Nutrition and Dietetics

**Summary of what we have learned and what we need to study**
- Moderator: Andrew Bremer, M.D., Ph.D., M.A.S., Chief, FGNB, DER, Pediatric Growth & Nutrition Branch, NICHD Panelists: