

Nutrition in Pregnancy Conference
 May 2-4, 2019
 Marriott Marquis Hotel, Washington, DC

NUTRITION
in pregnancy
 LIFELONG IMPACT



The importance of nutrition in supporting healthy reproduction has been largely neglected among medical professionals over many decades. However, evidence in recent years has shown that the health of a mother and her baby depends on appropriate nutritional intake before and during pregnancy as well as during lactation. This conference is designed to address our current knowledge of nutrition in women during reproductive years and especially during pregnancy. The conference will bring scientists and clinical experts on nutrition and pregnancy together to present state-of-the-art talks on nutrition in pregnancy. The conference will be informative for obstetricians, pediatricians, dietitians, reproductive scientists, epidemiologists, endocrinologists, nutritionists and policy makers.

Two important problems face the medical community regarding nutrition during pregnancy. First, there is an urgent need for consensus on what constitutes a unique and healthy diet for women who are about to become pregnant, who are pregnant or who are nursing a child. Second, we need better information about how diets before and during pregnancy impact the lifelong health of the mother and her offspring. Thus, we are bringing experts together to: a) develop a list of general principles that are foundational to a healthy diet for reproductive women, b) develop recommendations to governmental bodies and professional organizations to ensure access to healthy foods for women before and during pregnancy and during lactation and c) identify crucial areas that need investigation.

CONFERENCE AGENDA

Thursday, May 2, 2019		
8:30 a.m.	Welcome Question to consider throughout the conference: <i>Should all pregnant women receive dietary assessment and advice?</i>	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
9:00 a.m.	Session 1: What is the evidence that nutrition in pregnancy is important? Highlights	
9:00 a.m.	Evidence that maternal nutrition matters	Barbara Abrams, Dr.P.H., R.D.
9:30 a.m.	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
10:00 a.m.	Nutritional requirements for the fetus	William W. Hay, Jr., M.D. Professor of Pediatrics (Neonatology) Director of the Perinatal Research Center University of Colorado School of Medicine Director of the Early Life Exposures Program of the Colorado Clinical and Translational Sciences Institute
10:30 a.m.	Break	

10:45 a.m.	Session 2: Nutritional Requirements of Preconception & Pregnancy	
10:45 a.m.	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
11:15 a.m.	Micronutrient Requirements during Gestation	Usha Ramakrishnan, M.S., Ph.D. Professor & Vice Chair Hubert Department of Global Health, Rollins School of Public Health Director, Doctoral Program in Nutrition and Health Sciences Laney Graduate School, Emory University
11:45 a.m.	Physiology of Pregnancy: Metabolic Adjustments	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
12:15 p.m.	Lunch	
1:15 p.m.	Session 3: Panel discussion: Gestational weight gain: A critical appraisal of the Institute of Medicine guidelines	
1:15 p.m.	Introduction to Panel Discussion	Patrick Catalano, M.D.
1:30 p.m.	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. Leanne Redman, Ph.D. , Associate Professor of Reproductive Endocrinology and Women's Health, Pennington Biomedical Research Center, Louisiana State University
2:15 p.m.	Session 4: Adolescents & Pregnancy	
2:15 p.m.	Animal models of adolescent nutrition during pregnancy	Jacqueline Wallace, Ph.D., D.Sc. Rowett Institute, University of Aberdeen
2:45 p.m.	Puberty and adolescent pregnancy	Jennifer Barber, Ph.D. Research Professor, Population Studies Center; Research Professor, Survey Research Center; Associate Chair, Sociology, University of Michigan
3:15 p.m.	Break	
3:30 p.m.	A comparison of dietary pattern and outcomes between adolescent and adult pregnant women	Hora Soltani, Ph.D., M.Med.Sci., R.M., P.G.Dip., P.G.Cert., M.S., R.D., F.A.D.A. Professor in Maternal and Infant Health, Centre for Health and Social Care Research, University of Sheffield
4:00 p.m.	Session 5: Lactation and Infant Nutrition	
4:00 p.m.	Lactation	Nicole Marshall, M.D. Assistant Professor of Obstetrics and Gynecology, School of Medicine, Oregon Health & Science University
4:30 p.m.	Nutrition for preterm Infants based on fetal nutrition	William Hay, M.D. Professor of Pediatrics (Neonatology) Director of the Perinatal Research Center University of Colorado School of Medicine Director of the Early Life Exposures Program of the Colorado Clinical and Translational Sciences Institute
5:00 p.m.	Nutrition for preterm infants	Daniel Raiten, Ph.D. Program Director, Nutrition, Pediatric Growth and Nutrition Branch, National Institute of Child Health and Development

Friday, May 3, 2019

8:30 a.m.	Importance of Nutrition in Pregnancy	Kelle Moley, M.D. Senior Vice President and Chief Scientific Officer, March of Dimes
9:00 a.m.	Session 6: Nutrition of Mothers with Medical Conditions	
9:00 a.m.	Nutrition Therapy for Gestational Diabetes and Beyond	Teri Hernandez, Ph.D., RN Associate Professor of Medicine, Endocrinology, Metabolism and Diabetes, School of Medicine, University of Colorado
9:30 a.m.	Pregnancy post bariatric surgery	Jonathan Purnell, M.D. Professor of Medicine, Division of Cardiovascular Medicine, School of Medicine, Oregon Health & Science University
10:00 a.m.	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
10:30 a.m.	Break	
10:45 a.m.	Double burden of malnutrition in pregnancy and fetal outcomes: A tale of two generations	Chittaranjan Yajnik, M.D., F.R.C.P. Professor, Director Diabetes Unit, King Edward Memorial and Research Centre, Pune, India
11:15 a.m.	Nutrition and Preeclampsia	James Roberts, M.D. Investigator Magee-Womens Research Institute Professor of OBGYN and Reproductive Sciences, Epidemiology and Clinical and Translational Research University of Pittsburgh
11:45 a.m.	Lunch	
12:45 p.m.	Session 7: Health Concerns Related to Diet	
12:45 p.m.	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
1:15 p.m.	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; Director, Curriculum Development: Laos American Nutrition Institute, OHSU Global Southeast Asia, Oregon Health & Science University
1:45 p.m.	Maternal Modification of the Microbiome and effect on offspring	Jacob E. Friedman, Ph.D. Chickasaw Nation Chair and Director, Harold Hamm Diabetes Center at the University of Oklahoma; Associate Vice-Provost for Diabetes Programs; Professor of Physiology, Medicine, Biochemistry, Microbiology/Immunology, University of Oklahoma Health Sciences Center, Oklahoma City, Oklahoma
2:15 p.m.	American food culture	Kripa Raghavan, Dr.PH., M.P.H., MSc. USDA Center for Nutrition Policy and Promotion
2:45 p.m.	Break	
3:00 p.m.	Session 8: The Way Forward	
3:00 p.m.	Programs to improve nutrition	Parul Christian, Dr.P.H. Senior Program Officer, Women's Nutrition at the Bill & Melinda Gates Foundation
3:30 p.m.	What should dietary guidelines include?	Alison Steiber, Ph.D., R.D. Chief Science Officer, Academy of Nutrition and Dietetics
4:00 p.m.	Summary of what we have learned and what we need to study	Moderator: Andrew Bremer, M.D., Ph.D., M.A.S., Chief, Pediatric Growth & Nutrition Branch, NICHD

