



30th Annual Meeting
June 19-20, 2017
Seattle, WA

Monday, June 19, 2017

<p>9:00 am – 12:00 pm <i>Grand Ballroom 1</i></p>	<p>Advanced Methods Workshop (separate registration required)</p> <p>Sensitivity Analysis for Missing Data: The ‘how to’ for the ‘what if’ <i>Neil Perkins</i></p> <p>Causal impact: A gentle introduction to pursuing more policy-relevant epidemiologic investigations <i>Daniel Westreich and Elizabeth Rogawski</i></p>
<p>1:30 – 7:30 pm <i>Grand Foyer</i></p>	<p>Registration</p>
<p>2:00 – 3:40 pm <i>Grand Ballroom 1</i></p>	<p>Welcome and Introduction <i>Carey Drews-Botsch, Emory University</i></p> <p>Panel Discussion: Celebrating 30 years of SPER Moderator: Michael Bloom, University of Albany</p> <p>Preterm Birth: Claudia Holzman, Michigan State University Environmental Exposures: Pauline Mendola, NICHD Autism Spectrum Disorders: Laura Schieve, CDC Birth Defects: Candice Johnson, CDC Methods: Jennifer Hutcheon, University of British Columbia</p> <p>Discussion</p>
<p>3:40 – 4:10 pm</p>	<p>Break</p>
<p>4:10 – 5:35 pm <i>Grand Ballroom 1</i></p>	<p>Plenary Session I – 50 years of Pediatric and Perinatal Epidemiology Moderator: Una Grewal</p> <p>Reproductive, perinatal & pediatric epidemiology: An established field with consequence <i>Germaine Buck-Louis</i></p> <p>Vitamin D and anovulation in women with proven fecundity <i>Sunni Mumford</i></p> <p>Association of higher androgen and anti-Müllerian hormone with fecundability: a study of a PCOS-related characteristics in fecund women attempting pregnancy <i>Enrique Schisterman</i></p>

	<p>First trimester bleeding and fetal growth <i>Katherine Grantz</i></p> <p>A Longitudinal Study of Plasma Acylcarnitines and Risk of Gestational Diabetes in a Diverse Cohort <i>Yeyi Zhu</i></p> <p>Speed Poster Session 1 Moderator: Nedra Whitehead</p> <p>Physical activity and risk for endometriosis and uterine fibroids: Findings from the Endometriosis, Natural History, Diagnosis, and Outcomes (ENDO) Study (PA1) <i>Sydney Willis</i></p> <p>Do prior gynaecological procedures increase risk of placenta accreta? (PA2) <i>Jane Ford</i></p> <p>The impact of neighborhood deprivation on gestational weight gain by maternal pre-pregnancy body mass index and race/ethnicity (PA3) <i>Sabrina Luke</i></p> <p>Maternal cerebrovascular complications in relation to placental abruption: A population-based cohort study (PA4) <i>Cande Ananth</i></p> <p>Metabolomics signatures associated with an oral glucose challenge in pregnant women (PA5) <i>Bizu Gelaye</i></p>
<p>5:35 - 7:30 pm <i>Grand Ballroom 3</i></p>	<p>Welcome Reception and Poster Session A</p> <p>Speed posters.....A1-A5</p> <p>Birth defects.....A6-A11</p> <p>Child development.....A12-A19</p> <p>Fertility and Fecundity.....A20-A32</p> <p>Fetal growth/Preterm birth.....A33-A60</p> <p>Fetal loss/Stillbirth/Infant mortality.....A61-A65</p> <p>Hypertension/Pre-eclampsia.....A66-A70</p> <p>Methods.....A71-A78</p> <p>Obstetric health.....A79-A96</p> <p>Pediatric health.....A99-A112</p> <p>Policy.....A113-A116</p> <p>Heinz Berendes International Travel Award.....A14</p>

Tuesday, June 20, 2017

<p>6:00 – 8:00 am <i>Grand Ballroom 3</i></p>	<p>Continental breakfast</p>
<p>7:00 – 10:00 am <i>Grand Foyer</i></p>	<p>Registration</p>
<p>7:00 – 8:00 am <i>Olympic Room</i></p>	<p>Round Table Discussions SPER meets ECHO: The NIH Environmental influences on Child Health Outcomes (ECHO) Program <i>Tania Lombo</i></p>
<p><i>Baker Room</i></p>	<p>Epidemiologic perspectives on physiologic pregnancy and childbirth: a growing field of epidemiologic inquiry <i>Jon Snowden</i></p>
<p><i>Stuart Room</i></p>	<p>Teaching reproductive, perinatal, and pediatric epidemiology – challenges & obstacles to training the next generation <i>Michael Bloom</i></p>
<p>8:00 – 9:40 am <i>Grand Ballroom 1</i></p>	<p>Welcome: Carey Drews-Botsch</p> <p>Poster Award A: presented by Sunni Mumford</p> <p>Plenary Session II – Neurodevelopment Moderator: Stephanie Engel</p> <p>Associations of autism spectrum disorder with residential air pollution exposure in a large Southern California pregnancy cohort <i>HeeJoo Jo</i></p> <p>Mid-pregnancy unconjugated estriol and its association with childhood ADHD symptoms <i>Nicole Talge</i></p> <p>Prenatal Urinary Triclosan Concentrations and Neurodevelopment <i>Taylor Etzel</i></p> <p>Neonatal Jaundice in Association with Autism Spectrum Disorder <i>Christina Cordero</i></p> <p>Maternal use of acetaminophen and attention-deficit/hyperactivity disorder in offspring: A negative exposure control analysis <i>Zeyan Liew</i></p> <p>Student Prize Winner presented by Olga Basso Thyroid hormones and menstrual function in a longitudinal cohort of premenopausal women <i>Melanie Jacobson</i></p>
<p>9:40 – 10:10 am <i>Grand Ballroom 3</i></p>	<p>Morning Break</p>

10:10 – 11:40 am
Grand Ballroom 1

The Rising Star, Mentoring, and President's Awards

Plenary Session III – Fetal and pediatric growth

Moderator: Lisa Bodnar

Pre-discharge and early infancy growth in relation to overweight or obesity at age 14 in very low birth weight infants

Elizabeth T. Jensen

Is the association between pregnancy weight gain and fetal size causal? Re-examining the association using a sibling comparison design

Jennifer Hutcheon

The role of preterm birth and fetal growth as joint mediators of the relationship between maternal smoking and neonatal death

Alexandra Seaward

Purposeful definition of infant rapid weight gain and the inclusion of confounders in predictive models increases its use as a screening tool for childhood obesity

Cara Eckhardt

Speed Poster Session 2

Moderator: Anne Marie Jukic

Attention-Deficit Hyperactivity Disorder medication use during pregnancy and risk for birth defects - United States, 1997-2011 (PB1)

Kayla Anderson

Benzene and congenital anomalies in Oklahoma children, 1997-2009 (PB2)

Amanda Janitz

Association between income inequality, structural racism, and preterm birth rates in large US counties (PB3)

Christina Fiorentini

Maternal and child polymorphisms in the aryl hydrocarbon receptor pathway and birthweight in the Seveso Second Generation Health Study (PB4)

Jennifer Ames

Preoperative infections may reduce the risk of postoperative infections after surgical repair of hypospadias (PB5)

Nel Roeleveld

<p>11:40 -1:30 pm <i>Grand Ballroom 3</i></p>	<p>Lunch and Poster Session B</p> <p>Speed posters.....B1-B5 Birth defectsB6-B10 Child DevelopmentB11-B21 Fertility and Fecundity.....B22-B34 Fetal growth/Preterm birth.....B35-B60 Fetal loss/Stillbirth/Infant MortalityB61-B66 Hypertension/Pre-eclampsiaB67-B71 MethodsB72-B79 Obstetric healthB80-B96 Pediatric health.....B97-B111 Policy.....B112-B115</p>
<p>1:30 - 3:30 pm <i>Grand Ballroom 1</i></p>	<p>Keynote Address: Guns, children and the peril to science <i>Frederick Rivara</i> <i>University of Washington</i></p> <hr/> <p>Plenary Session IV – Perinatal outcomes Moderator: Mark Klebanoff</p> <p>Risk of childhood cancers among children born with non-chromosomal major structural birth defects: A systematic review and meta-analysis <i>Tania Desrosiers</i></p> <p>Distribution by week and trimester of onset among pregnant women, US Zika Pregnancy Registry, 2015- 2016 <i>Marion Rice</i></p> <p>Life-course neighborhood deprivation and neonatal mortality in California <i>Michelle Pearl</i></p> <p>The role of gestational age in the association between opioid maintenance therapy and neonatal abstinence syndrome <i>Lara Lemon</i></p>
<p>3:30 - 4:00 pm <i>Grand Ballroom 1</i></p>	<p>Afternoon Break</p>
<p>4:00 - 5:30 pm <i>Grand Ballroom 1</i></p>	<p>Poster Award B presented by Emily Harville</p> <p>Plenary Session V – Maternal morbidity Moderator: Brian Whitcomb</p> <p>A prospective study of pre-pregnancy intakes of folate and B vitamins and the risk of gestational diabetes <i>Shanshan Li</i></p> <p>Marginal structural models for analyzing the causal effects of social support on antepartum depression <i>Qiu-Yue Zhong</i></p> <p>Gestational weight gain and severe maternal morbidity <i>Kyle Freese</i></p>

	<p>Human papillomavirus vaccination in pregnancy and adverse pregnancy outcomes <i>Anna Bukowinski</i></p> <p>Is 40 the New 30? Age-period-cohort effects in pre-existing and pregnancy-associated disease in primiparous women in the United States. <i>Amy Metcalfe</i></p> <p>Wrap-up and Thank You: Carey Drews-Botsch</p>
<p>5:30 – 6:30 pm <i>Grand Ballroom 1</i></p>	<p>Society business meeting</p>

ACKNOWLEDGMENTS

The Society wishes to acknowledge the generous financial support for this annual meeting provided by
The Eunice Kennedy Shriver
National Institute of Child Health and Human Development.



Eunice Kennedy Shriver National Institute
of Child Health and Human Development

We also wish to acknowledge our Society's journal:



Paediatric and Perinatal Epidemiology, published by Wiley-Blackwell, is an international, peer reviewed journal that crosses the boundaries between epidemiologists, paediatricians, developmental psychologists, environmental specialists, obstetricians, child health specialists and genetic epidemiologists. Its main focus is to ensure that the most important paediatric, reproductive, obstetric and perinatal studies reach those researchers and clinicians for whom the results are especially relevant. It publishes original research articles commentaries, book reviews, study designs, detailed methodologies and review articles.