



**Society for Pediatric and Perinatal Epidemiologic Research**  
**32<sup>nd</sup> Annual Meeting, Minneapolis, MN**  
**June 17-18, 2019**

***Monday, June 17<sup>th</sup>, 2019***

12:00 – 3:00 pm

**Methods Workshop**

**Translating Causality into Practice: Causal Questions and Analysis in Applied Epidemiology**

*Jonathan Snowden*

*Kelly Reavis*

*Oregon Health & Science University*

(Separate registration required)

3:30 – 3:45 pm

**Welcoming Remarks**

*Courtney Lynch, The Ohio State University*

*SPER President*

3:45 – 4:55 pm

**What the Hashtag? Using Social Media to Extend your Reach as an Epidemiologist**

*Lisa Bodnar, University of Pittsburgh*

*Matthew Fox, Boston University*

4:55 – 5:00 pm

**Transition to Concurrent Sessions**

5:00 – 6:30pm

**Concurrent Session 1a**

**Environmental Exposures and Childhood/Perinatal Outcomes**

*Chair: Danelle Lobdell, US EPA*

Exposure to perfluoroalkyl substances and risks for spontaneous abortions

*Kosuke Inoue, University of California, Los Angeles*

Organophosphate pesticide exposure in pregnancy and fetal growth

*Kelly Ferguson, NIEHS*

Maternal Occupational Oil Mist Exposure and Birth Defects — United States—1997-2011

*Miriam Siegel, NIOSH*

\* Denotes Trainee

Pre- and postnatal PM2.5 exposure and childhood lipid levels in the PROGRESS cohort

*Laura McGuinn\*, Mount Sinai*

The "new" secondhand smoke: e-cigarette use in US households with children

*Jenny Carwile, Maine Medical Center*

5:00 – 6:30pm

**Concurrent Session 1b**

**Pediatric Epidemiology Showcase**

*Chair: Sarah Keim, Nationwide Children's Hospital & The Ohio State University*

Neighborhood socioenvironmental factors associated with asthma emergency department visit disparities using a space-time model: a case study in South Carolina 1999-2015

*Matthew Bozigar\*, Medical University of South Carolina*

Maternal Hepatitis B or C carrier status and the long-term risk for gastro-intestinal morbidity of the offspring: a population-based cohort study

*Israel Yoles, Ben-Gurion University of the Negev, Israel*

Prenatal exposure to synthetic oxytocin and risk of subsequent Attention Deficit Hyperactivity Disorder and Autism Spectrum Disorder in Danish and Finnish children

*Lonny Stokholm\*, The University of Copenhagen, Denmark*

Weekday bedtimes in relation to incident hypertension: a prospective study of Mexican youth

*Erica Jansen\*, University of Michigan*

Early childhood growth trajectory and later cognitive ability: evidence from a large prospective birth cohort

*Asma Ahmed\*, McGill University*

Prenatal stressful life events and sex-typical play behavior in early childhood

*Jeremy Lessing\*, Rutgers Robert Wood Johnson Medical School*

6:30 – 8:00 pm

**Welcome Reception and Poster Session A**

**Tuesday, June 18<sup>th</sup>, 2019**

- 7:00 – 8:00 am **Round Table Discussions**
- 8:00 – 8:05 am **Welcome – Day Two**  
*Courtney Lynch, The Ohio State University*  
*SPER President*
- 8:05 – 9:20 am **Plenary Session I**  
**Fertility & Fecundity**  
*Chair: Melissa Smarr, Emory University*
- Depot medroxyprogesterone acetate contraceptive use and blood lead concentrations  
*Kristen Upson\*, NIEHS*
- Vaginal bleeding cycle length and follicular and luteal phase lengths in women without known subfertility: a pooled analysis of 3 cohorts  
*Shahpar Najmabadi\*, University of Utah*
- Prospective association of ambient temperature and humidity with risk of pregnancy loss  
*Carrie Nobles\*, Eunice Kennedy Shriver NICHD*
- A prospective study of cervical intraepithelial neoplasia its treatments and fecundability  
*Lauren Wise, Boston University*
- Multiple gestations mediate the effect of in vitro fertilization on ischemic placental disease  
*Anna Modest, Beth Israel Deaconess Medical Center*
- 9:20 – 9:50 am **Morning Break**
- 9:50 – 11:05 am **Plenary Session II**  
**Pregnancy**  
*Chair: Leslie Farland, The University of Arizona*
- The association of stillbirth with placental abnormalities in growth-restricted and normally grown fetuses  
*Carolyn Drews-Botsch, Emory University*
- Global inequities in aspirin use for the prevention of preeclampsia: findings from the FACT trial  
*Katherine Muldoon, Ottawa Hospital Research Institute*

\* Denotes Trainee

The importance of non-traditional risk factors for prediction of cardiovascular disease in women of reproductive age  
*Sonia Grandi\**, McGill University

How is the relationship of infant weight gain with cardio-metabolic disease risk modified by fetal growth? Analysis in the Southampton Women's Survey  
*Tom Norris\**, Loughborough University

Evaluation of fetal growth customization methods in the NICHD Fetal Growth Studies -singletons  
*Katherine Grantz, Eunice Kennedy Shriver NICHD*

11:05 – 11:45 am

**Award presentations**

**Student Prize Paper Award**

Risk of stillbirth among fetuses with non-syndromic major birth defects: a population-based cohort study  
*Dominique Heinke\**, Massachusetts Department of Public Health

**Heinz Berendes International Travel Award**

Perinatal health of refugee and asylum-seeking women in Sweden 2014-17: a register-based cohort study  
*Can Liu\**, Karolinska Institutet

**Rising Star Award**

*Wei Perng, Colorado School of Public Health*

**Mentoring Award**

*Emily Oken, Harvard Medical School*

**President's Award**

*Cande Ananth, Rutgers Robert Wood Johnson Medical School*

11:45 - 1:15 pm

**Lunch and Poster Session B**

1:15 – 2:45 pm

**Symposium**

**The power of using population-based linked data across reproductive, perinatal, and pediatric epidemiology**

*Chair: Natasha Nassar, The University of Sydney, Australia*

Interpregnancy intervals and adverse maternal and child outcomes

*Gavin Pereira, Curtin University, Australia*

Caesarean section and childhood infection: a multinational data-linkage study

*Jessica Miller, Murdoch Children's Research Institute, Australia*

\* Denotes Trainee

Congenital heart defects and cognitive outcomes amongst siblings

*Samantha Lain\**, *The University of Sydney, Australia*

Prenatal care among mothers involved with Child Protection Services in Manitoba: A retrospective cohort study using linked administrative data

*Elizabeth Wall-Wieler\**, *Stanford University*

Term preeclampsia and neurodevelopmental disorders in offspring

*Bob Sun, University of Washington*

The role of maternal age and pregnancy history in risk of miscarriage

*Maria Magnus, Norwegian Institute of Public Health, Norway*

2:45 – 3:45 pm

### **Plenary Session III**

#### **Maternal Behavioral Health**

*Chair: Yiska Weisband, The Hebrew University of Jerusalem*

Preconception marijuana use and pregnancy outcomes

*Sunni Mumford, Eunice Kennedy Shriver NICHD*

Effect of prenatal cannabis use on maternal, perinatal and neonatal outcomes: A population-based study of 656, 414 pregnancies in Ontario Canada

*Daniel J Corsi, Ottawa Hospital Research Institute, Canada*

Opioid prescription use after vaginal delivery and subsequent persistent opioid use and misuse

*Yanmin Zhu, Harvard University*

Associations of maternal trauma experiences with offspring behavioral problems: Findings from the PrOMIS cohort study

*Bizu Gelaye, Harvard University*

3:45– 4:15 pm

### **Afternoon Break**

4:15 - 5:40 pm

**Poster Awards**

**Plenary Session IV**

**Social determinants of health and adverse perinatal outcomes**

*Chair: Tamala Gondwe, Virginia Commonwealth University*

Introduction and Overview

*Michael Kramer, Emory University*

The effect of timing of earned income tax credit refunds on preterm birth

*Deborah Karasek\*, University of California, San Francisco*

Delivery hospital and racial/ethnic differences in severe maternal morbidity in the state of California

*Mahasin Mujahid, University of California Berkeley*

Joint impact of neighborhood evictions and marital/cohabiting status on risk of preterm birth among African American women

*Shawnita Sealy-Jefferson, The Ohio State University*

Operationalizing the construct of resiliency during pregnancy: patterns of social support by race/ethnicity and socioeconomic status

*Yasamean Zamani-Hank\*, Michigan State University*

5:40 – 5:45 pm

**Closing Remarks**

*Courtney Lynch, The Ohio State University*

*SPER President*

5:45 – 6:45 pm

**Society Business Meeting**

*All members are encouraged to attend.*



***Paediatric and Perinatal Epidemiology*** 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.

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