



## **SOCIETY FOR PEDIATRIC AND PERINATAL EPIDEMIOLOGIC RESEARCH**

### **2025 Virtual Meeting**

**Tuesday, April 8<sup>th</sup>, 2025**

**Zoom Link:** Will be sent to those who register; registration is free to all

**All Times are East Coast Time Zone**

**10:00 – 10:10 am**

***Welcoming Remarks***

*Dawn Misra, Michigan State University*

*SPER President-Elect*

**10:10 – 11:25 am**

***Contributed Session 1: Health Equity***

*Moderator: Rebecca Campbell, University of Illinois-Chicago*

Physician Density, Racial Residential Concentration, and Adverse Perinatal Outcomes: A Hierarchical Study

Andrew Williams, University of North Dakota School of Medicine & Health Sciences

Trends and Factors of Home Births in North Dakota: An Analysis of PRAMS Data 2017-2021

Uchenna Chijioke-Ofoma, North Dakota State University

The Impact of Stress, Social Support, and Quality of Life on Preterm Birth: Findings from a Prospective Cohort Study

Rima Kaddoura, American University of Beirut

Analyzing Racial and Ethnic Disparities and Cause-Specific Infant Mortality in Texas After Implementation of a Six-Week Abortion Ban

Kelly DeBie, Colorado State University

**11:25 – 11:40 am**

***Break***

**11:40 am – 12:45 pm**

***Contributed Session 2: Toxicants and Reproductive and Perinatal Health***

*Moderator: Homegnon Bah, Henry Ford Health*

Variations in cannabis-related screening and advice occurring during prenatal care visits in the United States

Kara Skelton, Johns Hopkins Bloomberg School of Public Health

Plasma Levels of Per- and Polyfluoroalkyl Substances (PFAS) are Related to Inflammation and Gestational Age at Birth among Pregnant Black Women  
Nadia Saadat, University of Michigan

Metals, phenols, and perfluoroalkyl substances and odds of bacterial vaginosis in U.S. premenopausal individuals  
Yinglin Dai, Michigan State University

12:45 – 1:45 pm

***Professional Development Session: Title***

*Moderator: Sara Stephens, Baylor College of Medicine and Texas Children's Hospital*

*Speaker: Sarah Pugh, PhD, MPH, US Medical and Scientific Affairs, Maternal Immunization Lead*

1:45 – 3:15 pm

***Contributed Session 3: Maternal and Reproductive Health***

*Moderator: Maeve Wallace, University of Arizona*

Impact of increasing midwifery-led prenatal care on birth outcomes among low-risk pregnancies in a claims database: an application of the g-formula and target trial emulation  
Elizabeth Simmons, UNC Chapel Hill

Association of depressive or anxiety symptoms in pregnancy with accelerated maternal and neonatal biologic aging  
Danielle Panelli, Stanford University

Examining The Impact of Uterine Fibroids on Atherosclerotic Cardiovascular Disease Using Administrative Claims Data  
Julia DiTosto, University of Pennsylvania

Trends in gestational weight gain: Results from a large US pregnancy cohort 2007-2019  
Belle Martin, University of Nevada, Reno

Associations between Maternal Injuries during Pregnancy and Adverse Perinatal Outcomes: A Systematic Review and Meta-analysis  
Jensen Margheim, Wake Forest School of Medicine

3:15 – 3:30 pm

***Break***

3:30 – 4:45 pm

***Contributed Session 4: Nutrition***

*Moderator: Colette Davis, University of West Florida*

Association of prenatal dietary patterns and methyl-donor nutrients with blood leukocyte DNA methylation of circadian genes in adolescence  
Jennifer Lee, University of Michigan

Effect Modification by Parity and Body Mass Index on the Association

Between Markers of Vitamin D Metabolism and Reproductive Outcomes  
Michaela Olabisi, University of Pennsylvania

Dietary patterns in association with semen quality among men seeking fertility treatment  
Kyle Busse, University of Pennsylvania

Estimated Prevalence of Inadequate and Excessive Pregnancy Iodine Intake in the Environmental influences on Child Health Outcomes (ECHO) Cohort  
Jean Kerver, Michigan State University

4:45 – 5:00 pm

***Closing Remarks***

*Dawn Misra, Michigan State University  
SPER President-Elect*