



SOCIETY FOR PEDIATRIC AND PERINATAL EPIDEMIOLOGIC RESEARCH
reproduction | pregnancy | fetal development | child | adolescent health

SOCIETY FOR PEDIATRIC AND PERINATAL EPIDEMIOLOGIC RESEARCH

2025 Virtual Meeting

Tuesday, April 8th, 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: name, institution

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

Moderators: name, institution

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
Moderators: name, institution

Speaker: Talk title, name, institution

1:45 – 3:15 pm

Contributed Session 3: Maternal and Reproductive Health
Moderators: Name, institution

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
Moderators: Name, institution

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