



**Society for Pediatric and Perinatal Epidemiologic Research**

38<sup>th</sup> Annual Meeting, Boston, MA

June 9-10, 2025

**MONDAY, JUNE 9**

1:30 – 6:00 pm      Registration

2:00 – 3:00 pm      Concurrent Sessions

***Career Development: “Ask Away” Mentoring Panel (Constitution A)***

Moderator: Shristi Rawal, Rutgers University

Panelists: Drs. Kristen Rappazzo, Brian Whitcomb, and Carolyn Drews-Botsch

***Policy Implications on Perinatal Health Oral Presentations (Constitution B)***

Moderators: Collette Ncube, Boston University School of Public Health;

Samantha Kelleher, Boston University School of Public Health

- *Effect of Care Management on Pre-eclampsia among Medicaid beneficiaries in North Carolina* (Monisa Aijaz, University of North Carolina at Chapel Hill)
- *The Special Supplemental Nutrition Program for Women, Infants, and Children (WIC) and Cerebral Palsy Risk Among Hispanic Mothers and Children in California* (Yunyue Shi, Yale School of Public Health)
- *Increasing Access to WIC During Pregnancy: Evidence from an RCT* (Jenna Nobles, University of California, Berkeley)
- *The 2021 Child Tax Credit Expansion and Perinatal Health: a Quasi-experimental Study* (Deborah Karasek, Oregon Health & Science University)
- *Impacts of the ACA Medicaid Expansion on Pre-pregnancy and Postpartum Medicaid Coverage and Mental Health Outcomes Among American Indian & Alaska Native and White Birth Givers* (Yasi Zamani-Hank, Michigan State University)
- *Court Deportation Proceedings and Perinatal Outcomes among Hispanic Mothers in California, 2006 – 2020* (Brenda Bustos, University of California, Irvine)

***Reproductive / Gynecological Epi Oral Presentations (Gardner)***

Moderators: Carrie Nobles, UMass School of Public Health & Health Sciences;

Gizachew Tessema, Curtin University

- *Ambient Air Pollution Mixtures and Fecundability in a Preconception Time-to-pregnancy Cohort* (Michelle Klawans, NIEHS)
- *Racial/Ethnic Residential Segregation and Pre-Pregnancy Obesity: Addressing Structural Barriers to Health Equity* (Rana Chehab, Kaiser)

Permanente Northern California)

- *Does Race/Ethnicity or Age at Endometriosis Diagnosis Moderate the Association of Endometriosis with Early-Onset Cardiovascular Disease?* (Chidinma Oli, University of Florida)
- *Sexual orientation disparities in unintended pregnancies and pregnancy outcomes* (Payal Chakraborty, Harvard Medical School and Harvard T.H. Chan School of Public Health)
- *Hormonal Contraceptive Use Among Women with Sickle Cell Disease* (Maya Thirkill, Emory University)

3:00 – 3:30 pm

**Break (Welcoming Peers Can Meet in Gardner)**

3:30 – 5:00 pm

**Welcome & Opening Session (*Constitution A*)**

***The widespread population health impacts from abortion bans in the US***

Co-Chairs:

Julie M. Petersen, University of Nebraska Medical Center College of Public Health & Anthony J. Nixon, Jr., Washington University in St. Louis, Brown School of Social Work

Speakers:

Alison Gemmill, Johns Hopkins University Bloomberg School of Public Health  
Savannah Adkins, Bentley University

Kelly DeBie, Colorado State University

Elisabeth Woodhams, Boston University

Maeve Wallace, Mel & Enid Zuckerman College of Public Health at the University of Arizona

Jane Seymour, University of Wisconsin

Erika Sabbath, Boston College

5:00 – 5:15 pm

Break

5:15 – 6:30 pm

***Poster Session A (Republic Foyer and Republic Ballroom)***

## TUESDAY, JUNE 10

7:30 – 10:00 am Registration

7:30 – 9:00 am Breakfast

9:00 – 10:00 am **Keynote Address (*Constitution A*)**

*A scientific journey towards a solid start in the early life course*

Speaker: Régine PM Steegers-Theunissen, Erasmus University

10:00 – 10:15 am Break

10:15 am – 11:45 pm **Symposia**

***Symposium 1: Minipuberty: An early window into reproductive function  
(Constitution A)***

Chair: Helen Chin, George Mason University

*Minipuberty as a predictor of reproductive health*

Casper P. Hagen, Rigshospitalet

*Postnatal estrogenic exposures and minipuberty: a focus on soy formula*

Margaret Adgent, Vanderbilt University Medical Center

*Why we should be concerned about environmental chemical exposure during minipuberty*

Linda Kahn, New York University Grossman School of Medicine

*Medication exposures during pregnancy and minipubertal outcomes in infancy*

Margit Bistrup Fischer, Rigshospitalet

*Minipuberty sex steroid production and growth and development in infant girls*

Mandy Goldberg, NIEHS

***Symposium 2: Reproductive and Perinatal Health in the Digital Age:  
Insights from App-Based or Online Studies (Constitution B)***

Co-Chairs: Zifan Wang, Harvard T.H. Chan School of Public Health & Shruthi Mahalingaiah, Harvard T.H. Chan School of Public Health

*Using Digital Data to Study Early Pregnancy Loss*

Jenna Nobles, University of California, Berkeley

*Utilizing a Menstrual Tracking App for Epidemiological Research on Menstruation and Ovulation in a Japanese Cohort*

Naho Morisaki, National Center for Child Health and Development (NCCHD), Tokyo, Japan

*Utilizing Fitbit Actigraphy Devices to Estimate Sleep Health in Reproductive-aged Pregnancy Planners*

Lauren Wise, Boston University

*Personal Care Product Use and Menstrual Cycle Characteristics in a US-based Digital Cohort Study*

Zifan Wang, Harvard T.H. Chan School of Public Health

***Symposium 3: Climate and Children's Health: From Epidemiologic Evidence to Policy and Clinical Interventions (Gardner)***

Co-chairs: Mingyu Zhang, Beth Israel Deaconess Medical Center and Harvard Medical School & Amii Kress, Johns Hopkins Bloomberg School of Public Health

*Generating Meteorological Data for the NIH Environmental influences on Child Health Outcomes (ECHO) Cohort: Challenges and Opportunities to Advance Children's Health Research*

Kristen McArthur, Johns Hopkins Bloomberg School of Public Health

*Pregnancy Exposure to Wildfire Smoke and Heat: Combined Impacts on Preterm Birth in the U.S. ECHO Cohort*

Allison Sherris, University of Washington

*Ambient Temperature and Perinatal Health Outcomes: Findings from the Project Viva Cohort*

Hilary Dolstad, Harvard Medical School and Harvard Pilgrim Health Care Institute

*Climate-Related Hazards and Children's Health: Opportunities for Research and Policy*

Jaime Madrigano, Johns Hopkins Bloomberg School of Public Health

*Climate Change and Children's Respiratory Health: From Epidemiology to Intervention*

Mary B. Rice, Harvard Medical School and Harvard Chan Center for Climate, Health, and the Global Environment (C-CHANGE)

11:45 – 1:00 pm

Lunch on your own

1:00 – 2:15 pm

**[Poster Session B \(Republic Foyer and Republic Ballroom\)](#)**

2:15 – 3:15 pm

***Symposium and Concurrent Oral Presentation Sessions***

***Symposium: Addressing Disparities in Rural Maternal Healthcare Access: Challenges and Solutions (Constitution A)***

Chair: Katherine Ahrens, University of Southern Maine

*Patterns and Implications of Obstetric Bypassing Behavior in Rural Healthcare Systems*

Maggie L. Thorsen, Montana State University

*Rural-urban Disparities in Maternal Syphilis Rates and Implications for Healthcare Access*

Clara E. Busse; Danielle R. Gartner; Katy B. Kozhimannil, University of Minnesota

*Areas Lacking Obstetric Care and Screening for Drivers of Maternal Morbidity and Mortality*

Andrew D. Williams, University of North Dakota

*Rural, Racial, and Ethnic Disparities in Perinatal Telehealth Uptake and Timeliness of Care Initiation*

Peiyin Hung, University of South Carolina

***Pediatric Epi oral presentations #1 (Constitution B)***

Moderators: Jessica Gleason, NICHD & Ai Kubo, Kaiser Permanente Northern California

- *Guidance for International Growth Standards: When, How, and for Whom?* (Eric Ohuma, London School of Hygiene & Tropical Medicine)
- *Severe Maternal Morbidity and the Associated Risk of Cerebral Palsy in Children* (Asma Ahmed, Wake Forest University School of Medicine)
- *Severe Neonatal Morbidity and All-cause and Cause-specific Mortality through Infancy and Late Adolescence – A Nationwide Cohort and Sibling Cohort Study* (Hillary Graham, Karolinska Institutet)
- *Developmental Readiness for Complementary Feeding: Associations with Initiation before 6 months* (Diane Putnick, NICHD)
- *Intersectional Multilevel (MAIHDA) Analysis of Preterm Birth Disparities in the United States* (Meredith Cahill, Michigan State University)

***Perinatal Epi oral presentations #2 (Gardner)***

Moderators: Teresa Janevic, Columbia University Mailman School of Public Health & Ugochi (Vivian) Ukah, McGill University

- *When Education Fails to Protect: Severe Maternal Morbidity at the Intersection of Race/Ethnicity and Maternal Education* (Rashida Smith-Webb, Boston University School of Public Health)
- *Allostatic Load, Racial and Economic Segregation, and Birth Outcomes* (Cynthia Wynn, University of Michigan)
- *Longitudinal Exposure to Structural Racism and Risk of Adverse Perinatal Outcomes among Black Women through the Lens of Nativity: A Sibling Study* (Safyer McKenzie-Sampson, Stanford University)
- *Identifying Maternal Psychosocial Stress Domains During Pregnancy and Associations with Postpartum Depression and Anxiety* (Satvinder K. Dhaliwal, California Department of Public Health)
- *Complications in Pregnancy and Maternal Long Term Cardiovascular Disease Risk - it is not enough to focus only on women's first pregnancies* (Aditi Singh, University of Bergen)

3:15 – 3:45 pm

**Snacking & Networking Break (Republic Foyer)**

***Symposium and Concurrent Oral Presentation Sessions***

***Symposium: Identifying Critical Windows of Susceptibility to Environmental Exposures for Perinatal and Developmental Outcomes: Benefits and Challenges (Constitution A)***

Co-Chairs: Marina Oktapodas Feiler, University of Buffalo & Stefania Papatheodorou, Rutgers University

*Clinical Implications of Identifying Sensitive Windows of Exposure During Pregnancy: When Biological Windows and Trimesters Do Not Match*  
Stefania Papatheodorou, Rutgers University

*Windows of Susceptibility to Airborne Particulate Matter around Pregnancy in Relation to Longitudinal Measures of Adiposity and Lipid Profiles*  
Elena Colicino, Mt. Sinai Icahn School of Medicine

*Regression Tree Distributed Lag Models for Precision Environmental Health Analyses*  
Daniel Mork, Harvard University

*Pharmacokinetic Models to Estimate Critical Windows of POP Exposure*  
Todd A. Jusko, University of Rochester

***Women's Health oral presentations (Constitution B)***

Moderators: Eugenia Chock, Yale School of Medicine & Kara Christopher, St. Louis University

- *Identifying Cardiovascular Health Profiles in Pregnancy: A "Life's Essential 8"-Based Approach to Assessing Risk of Hypertensive Disorders of Pregnancy* (Rebecca Cohen, Icahn School of Medicine at Mount Sinai)
- *Evaluating Measurement Error in the Relationship Between Uterine Fibroids and Atherosclerotic Cardiovascular Disease* (Julia Ditosto, University of Pennsylvania)
- *Maternal Cardiovascular Disease Mortality Following Cesarean Delivery: A population based cohort study* (Yeneabebe Sima, University of Bergen)
- *Reproductive History and Brain Imaging: The CARDIA study* (Emily Harville, Tulane University)
- *Gestational Hypertension and Risk of Cardiovascular Disease Development in Women Who Have Had Infants with Congenital Heart Defects in Arkansas, 1997 to 2011* (Emine Bircan, University of Arkansas for Medical Sciences)

***Pediatric Epi oral presentations #2 (Gardner)***

Moderators: Ellen Caniglia, University of Pennsylvania & Kathryn Wagner, Massachusetts College of Pharmacy and Health Sciences

- *Trajectories of Epigenetic Aging from Birth to Adolescence Across Different Cardiovascular Risk Groups* (Yi Ying Ong, National University)

of Singapore)

- *Prenatal Per- and Polyfluoroalkyl Substances (PFAS) Exposures and Longitudinal Blood Pressure Measurements in Children Aged 3-18 Years: Findings from a Racially and Ethnically Diverse U.S. Prospective Birth Cohort* (Zeyu Li, Johns Hopkins Bloomberg School of Public Health)
- *Wildfire Smoke Exposure: A Threat to Infant Health in California* (Sneha Ghimire, University of California Merced)
- *Pediatric Neurodevelopmental Outcomes Following Forceps, Vacuum, and Second Stage Cesarean Delivery* (Maya Rajasingham, McMaster University)
- *Exploring Patterns in Age at Menarche: The Effect of Are Deprivation Index Through a Lifecourse Perspective in the Bogalusa Heart Study* (Eunsun Gill, Tulane University)

4:45 – 5:30 pm

**Recognition of 2025 SPER Award Winners (*Constitution A*)**

Moderator: Dawn Misra

*Student Prize Paper Award Presentation*

*Heinz Berendes Award Presentation*

*Poster award winners*

5:30 – 6:30 pm

**Business Meeting (*Constitution A*)** – everyone is welcome!

### QR codes to submit questions:

Questions for  
Constitution A Sessions



Questions for  
Constitution B Sessions



Questions for  
Gardner Sessions



***QR Code for Meeting Conduct Policy***



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