



**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 TBA Career Development / Concurrent Sessions

*TBA Career Development*

*TBA Concurrent Session 1*

*TBA Concurrent Session 2*

3:00 – 3:30 pm Networking Break (Welcoming Peers Meet)

3:30 – 5:00 pm *Welcome & Opening Session*

*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, Washington University Brown School

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 *Reception and Poster Session A*

## TUESDAY, JUNE 10

7:30 – 10:00 am Registration

7:30 – 9:00 am Breakfast

9:00 – 10:00 am **Keynote Address: Periconceptional Epidemiology (Title TBA)**  
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 (Room)***

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 Bstrup 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 (Room)***

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

*Harnessing Digital Technology for Improved Maternal Health Outcomes in Refugee Populations*

Sargun Virk, Weill Cornell School of Medicine

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

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

*Cumulative Exposure to Climate-Related Disasters and Mental Health in Children*  
Jaime Madrigano, Johns Hopkins Bloomberg School of Public Health

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

Kristen McArthur, Johns Hopkins Bloomberg School of Public Health

*Severe Maternal Morbidity in the USA*

Jonathan Snowden, Oregon Health & Science University-Portland State University, Oregon

*Climate, Pollution, and Children's Health: Time for Action*

Kari C. Nadeau, Harvard T.H. Chan School of Public Health

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

Mary B. Rice, Harvard Medical School and Beth Israel Deaconess Medical Center

*Pregnancy Exposure to Wildfire Smoke and Heat: Combined Impacts on adverse birth outcomes in the U.S. ECHO-wide cohort*  
Allison Sherris, University of Washington School of Public Health

11:45 – 1:00 pm

Lunch on your own

1:00 – 2:15 pm

***Poster Session B***

2:15 – 3:15 pm

***Symposium and TBA Concurrent Sessions (Rooms TBA)***

***Symposium: Addressing Disparities in Rural Maternal Healthcare Access: Challenges and Solutions***

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

***TBA Concurrent Session 3***

***TBA Concurrent Session 4***

3:15 – 3:45 pm

Snack & Networking Break

3:45 – 4:45 pm

***Symposium and TBA Concurrent Sessions (Rooms TBA)***

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

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

***TBA Concurrent Session 5***

***TBA Concurrent Session 6***

4:45 – 5:30 pm **Recognition of 2025 SPER Award Winners**  
Moderator: Dawn Misra

*Student Prize Paper Award Presentation*  
*Heinz Berendes Award Presentation*

5:30 – 6:30 pm **Business Meeting (Room)** – everyone is welcome!

8:30 pm – **Unofficial Trainee Social Gathering (Location posted at the registration desk)**

*\*Denotes a trainee*

### QR codes to submit questions:

**Waterloo 1**



**Waterloo 2**



**Waterloo 3**



### QR code for Meeting Conduct Policy:



Funding for this conference was made possible in part by conference grant 5R13HD097950 from the *Eunice Kennedy Shriver* National Institute of Child Health and Human Development (NICHD). The views expressed in written conference materials or publications and by speakers and moderators do not necessarily reflect the official policies of the Department of Health and Human Services; nor does mention of trade names, commercial practices, or organizations imply endorsement by the U.S. Government.