

SPER 2021 Annual Meeting and Related Programming

FINAL PROGRAM

(All times are listed in Eastern Time)

Speed Talk Sessions, Advanced Methods Workshop, and Networking Opportunities (May 26-June 18)

Recordings of Speed Talk sessions are available upon request for a limited time, please email the “tech host” for the particular session to request access.

Date and Time				
May 26 12-1:20 PM	Speed Talks: Birth Defects	Presenter		Affiliation
	Moderator: Tania Desrosiers			
	Tech host: Hannah Jahnke			
	Registration link: https://us02web.zoom.us/webinar/register/WN_9TJsfjQaQbWjADy--fSkLA			
	Prevalence of dementia by age among privately-insured adults with and without congenital heart defects, 2015-2017	Karrie	Downing	National Center on Birth Defects and Developmental Disabilities, CDC
	Health Profile of Preterm Males with Duchenne Muscular Dystrophy	Aida	Soim	New York State Department of Health
	County-level Environmental Quality and Gastroschisis in the National Birth Defects Prevention Study	Danelle	Lobdell	U.S. Environmental Protection Agency
	Maternal asthma in relation to infant adiposity and growth	Danielle	Stevens	National Institute of Child Health and Human Development, NIH
	Diabetes risk status and meeting United States physical activity recommendations by race/ethnicity in reproductive-age women: 2011, 2013, 2015, 2017 BRFSS	Bethany	Rand	University of Tennessee
	Is cesarean delivery a risk factor for childhood cancer before 14 years?	Safiya	Soullane	McGill University
	Impact of COVID-19 shelter-in-place policies on child abuse	Corinne	Riddell	UC Berkeley
	Speed Talks: Child Health and Development (A)			
	Moderator: Karen Schliep			
	Tech host: Anne Marie Jukic			
	Registration link: https://us02web.zoom.us/webinar/register/WN_nHJaOu64TRWo0LfpdjBlaw			
	Gestational age and siblings' literacy: spillover effects in the family	David	Mallinson	University of Wisconsin-Madison
	Risk of adverse neonatal outcomes among pregnant women with disabilities	Jessica	Gleason	National Institute of Child Health and Human Development, NIH

	Childhood autism spectrum disorder diagnosis and household food insecurity	Gabrielle	Gutierrez	Michigan State University
	Temporal trends in cerebral palsy rates in children born in the province of Ontario, Canada, 2002-2013: A population-based retrospective cohort study	Asma	Ahmed	McGill University
	Association of sweetened carbonated beverage consumption during pregnancy and ADHD symptoms in the offspring. A study from the Norwegian, Mother, Father and Child Cohort Study (MoBa).	Liv	Kvalvik	University of Bergen
	The association between assisted reproductive techniques and offspring childhood asthma	Chen	Wang	Karolinska Institutet
	Prevalence and Treatment of Balance and Dizziness Problems among U.S. Children Aged 3-17 Years "" A Healthy People 2020 Update	Chuan-Ming	Li	National Institute on Deafness and Other Communication Disorders, NIH
	Association between past negative experience with emotional or behavioral problems among US children: Evidence from the 2016-2019 National Survey of Children's Health	Qiping	Fan	Texas A&M University
	Speed Talks: Pregnancy Outcomes (A)			
	Moderator: Anita Subramanian			
	Tech host: Helen Chin			
	Registration link: https://gmu.zoom.us/webinar/register/WN_bRIUPzt9QEe-tFoz9aP-GA			
	Effects of mother's plasma cortisol on infant birth weight: a Mendelian Randomization study	Madeline	Travers	City University of New York
	Pre-pregnancy BMI and gestational age-specific rates of perinatal death: Do singleton and twin pregnancies differ?	Jeffrey	Bone	University of British Columbia
	Caffeine intake across pregnancy and timing of delivery in the NICHD Fetal Growth Studies-Singletons	Stefanie	Hinkle	National Institute of Child Health and Human Development, NIH
	Long-term neuropsychiatric risk across gestational age subgroups: a Danish population-based cohort study	Jingyuan	Xiao	Yale School of Public Health
	Racial/ethnic disparities in adverse birth outcomes among women living in public housing in New York City	Melanie	Baker	New York University Grossman School of Medicine
	Paternal Characteristics and Associated Pregnancy and Birth Outcomes	Ashley	Hill	UPMC Children's Hospital of Pittsburgh
May 27 12-1:20 PM	Speed Talks: Child Health and Development (B)			
	Moderator: Chantel Martin			
	Tech host: Hannah Jahnke			
	Registration link: https://us02web.zoom.us/webinar/register/WN_scqDXU74QGa2FI6IA9d3tA			
	Longitudinal changes in reproductive hormones, reproductive organs, and anogenital distance in infant boys: does soy formula affect minipuberty?	Helen	Chin	George Mason University
	Maternal caffeine consumption during pregnancy and longitudinal child growth	Jessica	Gleason	National Institute of Child Health and Human Development, NIH
	Large-for-gestational age, leptin, adiponectin and adiposity in infancy	Rong	Huang	Mount Sinai Hospital, University of Toronto

	Associations of Early Antibiotic Exposure with Childhood Body Mass Index Trajectory Milestones	Izzuddin	Aris	Harvard Medical School and Harvard Pilgrim Health Care Institute
	Triangulating approaches to estimate the effect of prenatal exposure to trans fatty acids on brain development in fetal life and childhood	Runyu	Zou	Erasmus MC
	Sleep, 24-hour activity rhythm and cardiometabolic risk factors in school-age children	Victoria A.A.	Beunders	Erasmus MC Sophia Children's Hospital, University Medical Center Rotterdam
	Folate, vitamin B12 and homocysteine concentrations during pregnancy and early signs of atherosclerosis in childhood	Giulietta	Monasso	Erasmus MC
	The Association Between Diet Quality Indices and Gestational Age and Birth Weight among Latinas	Megan	Harvey	Springfield College
	Speed Talks: Social Determinants/Substance Use			
	Moderator: Jeffrey Korte			
	Tech host: Timothy Ciesielski			
	Registration link: https://cwru.zoom.us/webinar/register/WN_G0S8NHFHRT0iOkqfdX8oMQ_			
	Roles of income and acculturation in the Hispanic paradox: Breastfeeding among Hispanic women	Soojung	Kim	University of North Dakota
	Cannabis Use and Mental Disorders Among Canadian Children & Youth: a population-based study	Asmita	Bhattarai	University of Calgary
	Epigenetics and Neighborhood Environment among Pregnant Black Women	Jazib	Gohar	Michigan State University
	Utilization of the Electronic Medical Records to Initiate change in Provider Habits	Jagjit Singh	Teji	Ann and Robert H. Lurie Children's Hospital
	Developing a Statewide Equity Dashboard to Drive Quality Improvement in Substance Addiction Treatment during Pregnancy	Munish	Gupta	Massachusetts Department of Public Health
	Association of Neighborhood Walkability, as Measured by Walk Score, with Perinatal Outcomes	Helen	Gao	Northwestern University Feinberg School of Medicine
June 2 12-1:20 PM	Speed Talks: Infectious Disease			
	Moderator: Marie Thoma			
	Tech host:Hannah Jahnke			
	Registration link: https://us02web.zoom.us/webinar/register/WN_1_smB8g8SjOIGMLT9k5vDQ			
	TORCH Infections among Very Low Birth Weight and Very Preterm Infants Admitted to Neonatal Intensive Care Units in the United States, 2018 and 2019	Erika	Edwards	Vermont Oxford Network
	Early-Onset Sepsis Epidemiology Among Very Preterm Infants, 2018-2019	Erika	Edwards	Vermont Oxford Network
	Characteristics and outcomes of pregnant women with SARS-CoV-2 infection and other severe acute respiratory infections (SARI) in Brazil from January to November 2020.	Lisiane	Leal	McGill University
	A case study and proposal for publishing pre-analytic directed acyclic graphs: The effectiveness of the quadrivalent HPV vaccine in perinatally HIV exposed girls	Ruby	Barnard-Mayers	Boston University School of Public Health
	Does respiratory syncytial virus infection cause pediatric asthma? Examining the relationship between birth timing relative to respiratory syncytial virus peak and subsequent asthma in Ontario, Canada	Michelle	Dimitris	Children's Hospital of Eastern Ontario
	Differential and age-dependent seropositivity for SARS-CoV-2 in elementary versus early year high school-aged children from areas with low versus high community transmission	Joanna	Merckx	McGill University
	Evaluating sexually transmitted infections and hypertensive disorders of pregnancy in older women	Brandie	Taylor	Temple University

	The Variations in the Effect of Foreign-Born Status (FBS) on Sexually Transmitted Infections among Expecting Mothers by Race/Ethnicity.	Akaninyene	Noah	Temple University
	Speed Talks: Mixed Session (A)			
	Moderator: Carmen Messerlian			
	Tech host: Helen Chin			
	Registration link: https://gmu.zoom.us/webinar/register/WN_mtKrsBL-QaidEoeYPnoDZQ			
	Serum per- and polyfluoroalkyl substance concentrations and common cold among children and adolescents in NHANES 2013-2014	Yu	Zhang	Harvard T.H. Chan School of Public Health
	Real-time characterization of personalized air pollution exposure in pregnant women participating in a birth cohort study	Akhgar	Ghassabian	New York University Grossman School of Medicine
	Associations between preterm birth and particulate matter or ozone vary by a combination of individual- and census tract-level indicators of race and poverty	Kevin	Park	US Environmental Protection Agency
	Flame Retardants and Adverse Pregnancy Outcomes (FRAPO): First trimester PBDE-47 concentrations in maternal plasma increases the risk of in the first trimester increases the risk of post-partum depression	Darios	Getahun	Kaiser-Permanente Southern California, Kaiser Permanente Bernard J. Tyson School of Medicine
	A systematic review of the epidemiologic evidence supporting the association between prenatal exposure to toxic and essential metals and preterm birth	Lauren A.	Eaves	UNC-Chapel Hill
	Associations of a Metal Mixture with Verbal Learning and Memory in Italian Adolescents	Samantha	Schildroth	Boston University
	Prenatal Per- and Polyfluoroalkyl Substances (PFAS) Exposure on Infant Birth Outcomes Within the MADRES Pregnancy Cohort	Alicia	Peterson	University of Southern California
	Speed Talks: Pregnancy Outcomes (B)			
	Moderator: Danielle Stevens			
	Tech host: Anne Marie Jukic			
	Registration link: https://us02web.zoom.us/webinar/register/WN_eH08pVxtQnym12q-992_Q			
	Severe maternal morbidity and cardiovascular disease	Ugochinyere Vivian	Ukah	McGill University
	Mode of birth by type of antenatal education: a prospective observational study	Antonia	Shand	The University of Sydney
	Pre-pregnancy BMI associated with placental dysfunction in early but not late preterm birth	Alexander J.	Layden	University of Pittsburgh
	Placental Pathology in the Context of Maternal Congenital Heart Disease	Donna	Pham	UC San Diego
	Patterns of anti-hypertensive medication use in pregnancy and risk of SMM in individuals with pre-pregnancy hypertension	Shalmali	Bane	Stanford University
	History of infertility and adverse pregnancy outcomes in Project Viva	Diana C.	Soria-Contreras	National Institute of Public Health
	Female Infertility Treatment, Maternal Characteristics, and Adverse Birth Outcomes	Danielle	Uribe	Grand Valley State University
	Birthweight by gestational age, preterm delivery and preeclampsia in a first pregnancy and subsequent risk of Gestational diabetes: A population-based study using sib-ship design	Linn Marie	Sorbye	University of Bergen/Oslo University Hospital
June 4 1-2:20 PM	Speed Talks: Mental Health			
	Moderator: Andrew Williams			
	Tech host: Tim Ciesielski			
	Registration link:			

	https://cwru.zoom.us/webinar/register/WN_UQfZPpiMQmmP3BKmqRTkma			
	Prenatal antidepressant medication usage patterns and delivery outcomes among preconception users	Nerissa	Nance	Kaiser Permanente
	Opportunities for Prevention of Pregnancy-Related Deaths from Mental Health Conditions: Data from 14 US Maternal Mortality Review Committees, 2008-2017	Susanna	Trost	Centers for Disease Control and Prevention
	Social Isolation among Mothers Caring for Infants in Japan: Findings from the Nationwide Survey of Healthy Parents and Children 21	Sayaka	Yamazaki	Health Science University
	Early childhood exposure to food insecurity and adolescent mental health in the United States	Marine	Azevedo Da Silva	McGill University
	A Narrative Review of State-level Health Policies and their Association with Perinatal and Infant Outcomes	David	Paul	Drexel University
	Pregnant in a pandemic: Mental well-being and associated health behaviors among California pregnant people during COVID-19	Jennifer	Phipps	UC Davis
	Using an Intersectional Approach to Examine the Relationship Between Early Adolescent Substance Use and Later Depressive Symptoms	Tess	Marusyk	Queen's University
	Maternal serotonergic antidepressant use in pregnancy and risk of seizure outcomes in children	Kelsey	Wiggs	Indiana University
	Speed Talks: Mixed Session (B)			
	Moderator: Leslie Farland			
	Tech host: Helen Chin			
	Registration link: https://gmu.zoom.us/webinar/register/WN_lgfzCTVRQNauzDvGrSm6tQ			
	A descriptive study of prescription and over-the-counter medication use among pregnancy planners in the United States and Canada	Holly	Crowe	Boston University
	History of infertility and long-term weight, body composition, and blood pressure among women in Project Viva	Diana C.	Soria-Contreras	National Institute of Public Health (Mexico)
	A North American prospective cohort study of sugar-sweetened beverages consumption and semen quality	Marlon	Joseph	Boston University
	Feasibility of app-based recruitment for a time-to-pregnancy (TTP) study	Anne Marie	Jukic	National Institute of Environmental Health Sciences, NIH
	Factors associated with enrollment and retention in a North American internet-based preconception cohort	Ruth J.	Geller	Boston University School of Public Health
	Added sugar intake as measured by ecological momentary assessment versus 24-hour dietary recall during pregnancy	Yu-Hsuan	Lai	University of Pittsburgh Graduate School of Public Health
	A prospective study of the Dietary Inflammatory Index and fecundability	Sydney	Willis	Boston University School of Public Health
June 8 1-2:20 PM	Speed Talks: Fetal Loss/Stillbirth/Infant Mortality			
	Moderator: Jessie Buckley			
	Tech host: Carmen Messerlian			
	Registration link: https://harvard.zoom.us/webinar/register/WN_tmuk1lb1QaSyMVQ0B95oAQ			
	Preconception sleep hygiene and risk of pregnancy loss	Joshua	Freeman	NICHHD, University of Massachusetts-Amherst

	Vitamin D and semen quality in an infertility treatment-seeking population	Sunni	Mumford	National Institute of Child Health and Human Development, NIH
	Long-term mortality in women with pregnancy loss and modification by race/ethnicity	Sonia M.	Grandi	National Institute of Child Health and Human Development, NIH
	Impact of COVID-19 on Physical Activity in Pregnant Women using Objective Measures	Susan	Park	University of Massachusetts-Amherst
	Do tall mothers have lower risk of perinatal death irrespective of body-mass-index?	Lauren	Yearwood	University of British Columbia
	Copy number changes and placental abnormalities in stillborn fetuses	Tsegallassie	Workalemahu	University of Utah
	Speed Talks: Genetics			
	Moderator: Akhgar Ghassabian <i>And</i> Melanie Jacobson			
	Tech host: Tim Ciesielski			
	Registration link: https://cwru.zoom.us/webinar/register/WN_SZwkYgMySVyyoawh3-KYtw			
	Genomic study of early pregnancy maternal lipid traits revealed four known adult lipid loci	Marion	Ouidir	National Institute of Child Health and Human Development, NIH
	Sex-specific placental gene expression signatures of small for gestational age at birth	Suvo	Chatterjee	National Institute of Child Health and Human Development, National Institutes of Health
	Maternal perceived stress exposure and DNA methylation in newborn cord blood	Kristen	Polinski	National Institute of Child Health and Human Development, NIH
	Maternal serum cotinine in association with poly-unsaturated fatty acids and autism spectrum disorder: a case control study	Anna	Bostwick	Drexel University
	Physical Activity Before and During Pregnancy and Placental DNA Methylation - An Epigenome Wide Association Study	Sifang	Zhao	National Institute of Child Health and Human Development, NIH
	Placental miRNAs associate with early childhood growth characteristics	Elizabeth	Kennedy	Emory University
	Deconvolution of an epidemiologic preeclampsia dataset reveals cell type proportion differences that largely drive gene expression differences	Kyle	Campbell	University of Michigan
	Speed Talks: Health Equity			
	Moderator: Sarah L. Stone			
	Tech host: Ginna Doss			
	Registration link: https://us02web.zoom.us/webinar/register/WN_kyKG613YRtGv2XQO5np2_Q			
	Racial and Ethnic Disparities in Low Birthweight and very Low Birthweight Infant Mortality in the US 1995-2017	Yousra	Mohamoud	Centers for Disease Control and Prevention
	Birth Outcomes Among Women with Congenital Physical Disabilities	Michelle	Huezo Garcia	Boston University School of Public Health

	Prevalence and correlates of learning disability among children with special healthcare needs: Evidence from the 2016-2019 National Survey of Children's Health	Qiping	Fan	Texas A&M University
	Maternal diabetes and infant hospitalizations in Cree, other First Nations and Non-Indigenous populations in rural communities in Quebec	Zhong-Cheng	Luo	Mount Sinai Hospital, University of Toronto
	Caesarean sections among immigrant women compared to Canadian born women	Erin	Hetherington	McGill University
	Reproductive and sexual healthcare for women with intellectual and developmental disabilities: A scoping review	Jade	Ransohoff	Boston University
	Changes in Perceived Quality of Prenatal Care Following COVID-related changes at Grady Memorial Hospital	Kaitlyn	Stanhope	Emory University
	Mental health, emotional support, and managing parenting demands among grandparent and multigenerational caregivers compared to parents in the U.S.	Sarah	Keim	Nationwide Children's Hospital
	The association between established diet quality indices and gestational weight gain in Hispanic women	Sofija	Zagarins	Springfield College
June 10 12-1:20 PM	Speed Talks: Environment/Climate Change			
	Moderator: Kristen Rappazzo			
	Tech host:Carmen Messerlian			
	Registration link: https://harvard.zoom.us/webinar/register/WN_ iy2Kt3dVT226uSxW8Yy3Hw			
	Early-life exposure to secondhand smoke and childhood adiposity: Identifying windows of susceptibility	Brianna	Moore	University of Texas Health Science Center
	Joint effects of prenatal exposure to per- and poly-fluoroalkyl substances and psychosocial stressors on corticotropin releasing hormone during pregnancy	Stephanie	Eick	University of California San Francisco
	Residential Green Space and Fecundability North American Preconception Cohort Study	Mary	Willis	Oregon State University
	Changes in behavior among pregnant women after Hurricane Michael	Ke	Pan	Tulane University
	Ambient air pollution exposure assessments in fertility studies: A guide for reproductive epidemiologists	Johanna	Jahnke	National Institute of Environmental Health Sciences, NIH
	Prenatal Phthalate Exposure and Maternal Chronic Pain in The Infant Development and Environment Study (TIDES)	Anika M.	Lovgren	University of Minnesota
	Data pooling and harmonization across pre-conception studies: The PrePARED Consortium	Ke	Pan	Tulane University
	Speed Talks: Obstetric Health (A)			
	Moderator: Theresa Chapple-McGruder and Menolly Kaufman			
	Tech host:Ginna Doss			
	Registration link: https://us02web.zoom.us/webinar/register/WN_ ezL_WojjRWyShSS-Cbz2Vw			
	Methods for Modeling the Trajectory of Gestational Weight Gain: A Review of the Literature	Anna	Booman	Oregon Health & Science University
	The utility and feasibility of using threshold regression to study the causes of preterm birth	Sara	Conroy	The Ohio State University
	Remote Recruitment and Data Collection with Postpartum Women during COVID-19: An Example from a Safety-Net Institution in Atlanta, Georgia	Kaitlyn	Stanhope	Emory University
	Cesarean Delivery, Labor Duration and Risk of Future Mothers' Mortality After More Than 50 Years of Follow-up	Katherine	Grantz	National Institute of Child Health and Human Development, NIH
	Evaluating the effect of changes in maternal, infant, and obstetric practice factors on cesarean delivery trends in Sweden and Canada using the Robson classification system	Giulia	Muraca	Karolinska Institutet

	Maternal Prenatal Psychosocial Phenotypes and Associated Diurnal Cortisol Throughout Pregnancy	Hannah	Murphy	University of Rochester
	Cesarean delivery among birthing people of minority race/ethnic groups in rural counties	Mekhala	Dissanayake	University of North Carolina, Chapel Hill
	Speed Talks: Women's Health			
	Moderator: Shruthi Malhalingaiah			
	Tech host: Anne Marie Jukic			
	Registration link: https://us02web.zoom.us/webinar/register/WN_vCKARV7rTlq6C7Xn5Ho9KQ			
	Treatments for primary dysmenorrhea: an umbrella review of systematic reviews and meta-analyses of randomized controlled trials	Stefania	Papatheodorou	Harvard School of Public Health
	Association of preterm birth with risk of early natural menopause	Christine R.	Langton	University of Massachusetts - Amherst
	The Impact of a Lifestyle Intervention on Pregnancy and Postpartum Cardiovascular and Insulin Resistance Biomarkers among At-Risk Latinas	Kathryn	Wagner	University of Massachusetts - Amherst
	Infertility diagnoses and age at natural menopause	Samantha	Davidson	University of Arizona
	Association between hypertensive disorders of pregnancy and dementia: A systematic review and meta-analysis	Karen	Schliep	University of Utah
	Phthalate metabolites exposure among healthy pregnant women in an ethnically diverse nulliparous pregnancy cohort in the United States	Shabnaz	Siddiq	Columbia University
	A mixed-method study of social support among low-income pregnant people during the COVID-19 pandemic.	Bridgette	Blebu	University of California-San Francisco
	Trends in initiation of hormonal contraceptive methods among teenagers born between 1989 and 1997 in Norway and the United States	Katherine	Ahrens	University of Southern Maine
June 15 12-3 PM	Advanced Methods Workshop			
	Causal inference in pediatric and perinatal epidemiologic research: from questions to methods. Yu-Han Chiu and Jessica Young (Harvard T.H. Chan School of Public Health). Registration required Advanced Methods Workshop – SPER			
June 16 12-1:20 PM	Speed Talks: Mixed Session (C)			
	Moderator: Jaime Slaughter-Acey			
	Tech host: Helen Chin			
	Registration link: https://gmu.zoom.us/webinar/register/WN_HNIX9vUTvSGXm0btzoo7w			
	Maternal inflammation and metabolic health: associations between bioactive lipids and blood glucose during pregnancy	Barrett	Welch	National Institute of Environmental Health Sciences, NIH
	Baseline Characteristics of Hispanic women with Pregnancy Hyperglycemia: Estudio Parto	Madhuri	Palnati	University of Massachusetts - Amherst
	Impact of inflammation on estimated iron deficiency prevalence in women ages 23-35 years with high body mass index	Kristen	Upson	Michigan State University
	Maternal diet quality during pregnancy is associated with biomarkers of metabolic risk among male offspring	Ellen	Francis	University of Colorado - Anschutz

	Preconception dietary folate intake and risk of spontaneous abortion	Anne Sofie D.	Laursen	Aarhus University and Aarhus University Hospital
	Urinary preconception phenolic compounds and fecundability among women attempting pregnancy	Sunni	Mumford	National Institute of Child Health and Human Development, NIH
	The Bidirectional Association Between Depression and Excess Body Weight: marginal structural modeling	Ashenafi	Cherkos	University of Washington
	Characterizing Self-reported Systemic Infection and Inflammatory Markers in Pregnancy	Allison	Ciesla	University of Rochester Medical Center
	Speed Talks: Nutrition/Obesity			
	Moderator: Amy Nichols			
	Tech host: Anne Marie Jukic			
	Registration link: https://us02web.zoom.us/webinar/register/WN_qYqSeVvKSYC75Ti95dSrnQ			
	Age of juice introduction and childhood weight status at 7-9 years old	Sonia	Robinson	National Institute of Child Health and Human Development, NIH
	Pre- and perinatal correlates of ideal cardiovascular health (ICVH) during early childhood: a prospective analysis in the Healthy Start Study	Wei	Perng	Colorado School of Public Health
	Speed Talk Infant Weight Gain: infant predictor of adult disease	Margaret	Bosenbark	Texas A&M University
	Dietary Correlates of Periconceptional and First Trimester Ultra-Processed Food Intake	Samrawit	Yisahak	National Institute of Child Health and Human Development, NIH
	The effect of sleep duration on the association between food insecurity and childhood obesity.	Wendemi	Sawadogo	Virginia Commonwealth University
	Gestational weight gain trajectories by pregnancy obesity class and infant size at birth	Julie	Petersen	Boston University
	Adolescent Pregnancy correlates on Offspring Nutritional Status from Childhood to Early Adolescence: Longitudinal evidence from Peru	Daniel	Antiporta	Johns Hopkins University
	Associations of dietary glycemic index and load during pregnancy with blood pressure, placental hemodynamic parameters and the risk of gestational hypertensive disorders.	Clarissa	Wiertsema	Erasmus Medical Centre
	Speed Talks: Pregnancy Outcomes (C)			
	Moderator: Liv Kvalvik			
	Tech host: Ginna Doss			
	Registration link: https://us02web.zoom.us/webinar/register/WN_5rZ_4QKjSgKK4d5sZZup7g			
	Perinatal HIV exposure and its association with executive functioning among six- to ten-year-old Ugandan children	Sarah	Brewer	Michigan State University
	Caregiver and household predictors of stunted child growth in the Aseze cohort, South Africa	Rachel	Gruver	Columbia University Mailman School of Public Health
	Gestational age, birth weight and adolescent neurocognitive development in Tanzania	Nandita	Perumal	Harvard TH Chan School of Public Health
	COVID-19 and preterm birth: Understanding the relationship	Louisa	Smith	Harvard T.H. Chan School of Public Health

	"CODE LABOR": An Evidence Based and Interdisciplinary Approach to Managing Women Experiencing Precipitous Labor Outside of the Labor and Delivery Unit	Rachel	Wooten	Jacksonville State University
June 17 3-4 PM	Virtual Speed-Networking			
	Network and connect virtually with your SPER experts and colleagues at this speed-networking event! Join us in small group virtual breakout rooms as we connect with leaders in the field. You'll have the opportunity to ask questions and hear advice from mentors at various career levels, as they discuss their career and professional development experiences. Speakers: Lisa Bodnar, Erika Braithwaite, Theresa Chapple-McGruder, Dominique Heinke, Penelope Howards, Anne Marie Jukic, Sunni Mumford, Laura Schummers, Peter Tennant			
June 18 12-1:20 PM	Speed Talks: Child Health and Development (C)			
	Moderator: Izzudin Aris			
	Tech host: Helen Chin			
	Registration link: https://gmu.zoom.us/webinar/register/WN_QR5TzSI2TEa8LgaW6D8RpQ			
	Associations of gestational hypertensive disorders and maternal blood pressure with offspring blood pressure, and early markers of atherosclerosis at the age of 10.	Clarissa J.	Wiertsema	Erasmus Medical Centre
	Associations of maternal angiogenic factors during pregnancy with alterations in cardiac development in childhood	Meddy	Bongers-Karmaoui	Erasmus Medical Centre
	Treatment received mediates the association between race/ethnicity and survival in children diagnosed with central nervous system tumor types: An analysis of the National Cancer Database (NCDB)	Kristin	Moore	University of Minnesota
	Early Life Household Pesticide Exposures and Infant Motor Development in the MADRES Cohort Study in Urban Los Angeles	Ixel	Hernandez	University of Southern California
	Children's blood lead screening tests in North Carolina "" who is tested, who is missed?	Elizabeth M.	Kamai	University of North Carolina at Chapel Hill
	Gestational age specific birth weight curve for Asian Indian newborns from lowest risk pregnancies	Arpita	Bhriguvanshi	Oregon Health & Science University
	Maternal lifetime surgery and prenatal exposure to fluorinated anesthetics and offspring neurodevelopment	Melissa	Kravets	Nationwide Children's Hospital
	Speed Talks: Fertility and Fecundity			
	Moderator: Sunni Mumford			
	Tech host: Hannah Jahnke			
	Registration link: https://us02web.zoom.us/webinar/register/WN_owkf82AHTs-62qiBleBPcw			
	Natural history of fibroids in pregnancy: NICHD Fetal Growth Studies - Singletons cohort	Susanna	Mitro Mitro	National Institute of Child Health and Human Development, NIH
	Longitudinal semen quality in an infertility treatment-seeking population	Elizabeth	DeVilbiss	National Institute of Child Health and Human Development, NIH

	Longitudinal semen quality and live birth among an infertility treatment-seeking population	Elizabeth	DeVilbiss	National Institute of Child Health and Human Development, NIH
	Exposure to environmental chemicals and infertility among U.S. women of reproductive age	Valerie	Martinez	University of California, Merced
	Air pollution and fecundability: Results from a Danish preconception cohort study	Amelia	Wesselink	Boston University School of Public Health
	Examining the Co-occurrence and Risk Factors of Endometriosis and Polycystic Ovarian Syndrome	Karen	Schliep	University of Utah
	Pesticide residue intake from fruit and vegetable consumption and risk of uterine fibroids	Colette	Davis	Fred Hutchinson Cancer Research Center
	Speed Talks: Obstetric Health (B)			
	Moderator: Emily Oken			
	Tech host: Ginna Doss			
	Registration link: https://us02web.zoom.us/webinar/register/WN_515x2NAyQ7OSeVuKuAPi3A			
	Glycemic Control Trajectories and Associated Risk Factors among Women with Gestational Diabetes	Yeyi	Zhu	Kaiser Permanente Northern California Division of Research
	Associations between gestational weight gain adequacy and obstetric intrapartum interventions: observational population-based study in France	Melissa	Amyx	Inserm
	Prenatal exposure to perceived stress, maternal asthma, and placental size	Sadia	Saizy	University of North Dakota School of Medicine & Health Sciences
	Cesarean delivery in nulliparous, singleton, cephalic, term pregnancies, and recurrence in Norway, 1967-2014: A register-based study	Yeneabeba Tilahun	Sima	University of Bergen
	Associations of duration of the second and active first stages of labor	Louise	Lundborg	Karolinska Institutet
	Counterfactuals in etiologic studies of interpregnancy intervals: "What ifs" and "buts"	Julie	Petersen	Boston University School of Public Health
	Perceived stress during pregnancy and serum placental hormone levels	Andrew	Williams	University of North Dakota School of Medicine and Health Science
	Tdap vaccination among pregnant women in the United States: whom are we missing?	Rachel	Smith	The Ohio State University

Monday June 21, 2021 (SPER Annual Meeting)

*****Registrants will receive an email with the Zoom links for each Zoom Room**

Time				
1:30 - 2:45 PM	Concurrent Contributed Sessions #1	Presenter		Affiliation
	<i>Environmental exposures and reproductive, perinatal, and pediatric outcomes – Zoom Room A</i>			
	Moderators: Kelly Ferguson, Carmen Messerlian			
	Exposure to endocrine disrupting chemicals (EDCs) and cardiometabolic health during pregnancy: the HOME Study	Ann	Vuong	University of Nevada, Las Vegas, US
	Fluoride exposure and asthma among children and adolescents in NHANES 2013-2014	Yu	Zhang	Harvard T.H. Chan School of Public Health, US
	Mixture effects of prenatal exposure to per- and polyfluoroalkyl substances and polybrominated diphenyl ethers on maternal and newborn telomere length	Stephanie	Eick	University of California, San Francisco, US
	The association between living near wildfire before and during pregnancy and spina bifida risk in offspring	Bo	Park	California State University, Fullerton, US
	Associations between air pollution and preterm birth: a time-stratified case-crossover study	Sandie	Ha	University of California, Merced, US
	Maternal bisphenol urine concentrations, fetal growth and adverse birth outcomes. A population-based prospective cohort.	Chalana	Sol	Erasmus MC, Netherlands
	<i>So what are we going to do about it? Real, hypothetical, or implied interventions in reproductive, perinatal and pediatric epidemiology – Zoom Room B</i>			
	Moderators: Mollie Wood, Jacqueline Cohen			
	High blood pressure and bacteriuria as risk factors for preterm birth: a comparison of risk factor analysis and population intervention effects	Rachael	Ross	University of North Carolina, US
	Neurodevelopmental symptoms in children according to parental time-to-pregnancy and conception by assisted reproductive technologies	Maria	Magnus	Norwegian Institute of Public, Norway
	The role of wealth accumulation in Black-White preterm delivery disparities: a causal mediation analysis approach	Collette	Ncube	Northeastern University, US
	Respiratory syncytial virus bronchiolitis hospitalizations in young infants after the introduction of paid family leave in New York State	Jennifer	Hutcheon	University of British Columbia, Canada
	Pre-pregnancy overweight and diabetes, and their relationship with gestational hypertension and preeclampsia: a mediation analysis approach.	Jesus	Serrano-Lomelin	University of Alberta, Canada
	<i>Social Determinants of Birth Outcomes – Zoom Room C</i>			
	Moderators: Wei Perng, Jaime Slaughter-Acey			
	Variation in Pregnancy-Related Mortality Ratio by Socio-spatial Indicators, US, 2011-2016	Chloe	Barrera	Emory University, US
	The Association Between Neighborhood Crime and Adverse Birth Outcomes in Latina Women	Brittany	Griffin	Univ. Massachusetts Amherst, US
	Out-Of-Hospital Births, Rural Maternal Residence, and Infant Mortality in the United States	Elora	Way	University of Southern Maine, US
	Gestational Exposure to Fatal Police Violence and Pregnancy Loss in US Core Based Statistical Areas, 2013-2015	Jaquelyn	Jahn	City University of New York, US
	Birth outcomes following unexpected job loss: a matched sibling design	Tim	Bruckner	University of California, Irvine, US
2:45 – 3 PM	Break			

3 – 4:45 PM	<p>Symposium – Pregnancy and COVID-19: Review of the evidence and methodological challenges for epidemiological studies of infection and vaccination Co-chairs: Deshayne Fell, Annette Regan – Zoom Room A</p>			
	<p>Over the past year, evidence on the influence of COVID-19 infection during pregnancy on maternal-newborn health has been evolving rapidly. Pregnant individuals are now considered a higher-risk population for COVID-19-associated complications and strong racial, ethnic, and socio-economic disparities in risk have been documented in many countries. Evidence continues to emerge about potentially increased risks of adverse pregnancy outcomes.</p> <p>Although pregnant individuals were left out of initial clinical studies on COVID-19 vaccines, many countries recommend that vaccines should not be denied to pregnant individuals who wish to receive them. Indeed, as of May 10, 2021, the CDCs V-Safe program had recorded over 110,000 COVID-19 vaccinations administered to pregnant individuals and the first clinical trial of COVID-19 vaccine in pregnancy had started.</p> <p>Observational epidemiologic studies have played, and will continue to play, an important role in the ongoing assessment of both COVID-19 illness and COVID-19 vaccination in pregnancy. Since results from such studies are likely to be used to inform clinical care guidelines and public health policy, it is critical to ensure the optimal design and conduct of future studies, as well as understand and address limitations of currently available studies.</p> <p>This symposium will review evidence on COVID-19 illness and vaccination during pregnancy and discuss some of the methodological challenges facing studies on these important topics.</p>			
	<p>Welcome, introduction of speakers, overview of session Lindsay Collin (University of Utah) Emily Olsen (CDC COVID-19 Emergency Response) Kristin Palmsten (HealthPartners Institute) Christine Olson (CDC, VSAFE) David Savitz (Brown University) Maria Sundaram (University of Toronto)</p> <p>Q&A / Full Panel Discussion</p>			
4:45 – 5 PM	Break			
5 - 6 PM	Networking Session #1 – Theme: Ask Me Anything – Zoom Room A			
	<p>Network and connect virtually with your SPER experts and colleagues at this networking event! Join us in a discussion about all career-related things by connecting with leaders in the field. You'll have the opportunity to ask questions and hear advice from mentors at various career levels.</p> <p>Panelists: Yu-Han Chiu, Postdoctoral Fellow, Department of Epidemiology at Harvard T.H. Chan School of Public Health Chantel Martin, Assistant Professor, Department of Epidemiology, UNC Gillings School of Global Public Health Jennifer Beauregard, Epidemiology Section Lead, Maternal Mortality Prevention Team at the CDC Sonia Hernandez-Diaz, Professor, Department of Epidemiology at Harvard T.H. Chan School of Public Health</p>			
6 - 7 PM	Social hour – Zoom Room A (Hosted by Lisa Bodnar and colleagues)			

Tuesday June 22, 2021 (SPER Annual Meeting)

*****Registrants will receive an email with the Zoom links for each Zoom Room**

9 – 10 AM	Networking Session #2 – Host: Claire Margerison - - Zoom Room D			
	Chat with fellow SPER members about challenges, struggles, and successes that you have experienced during the past year in areas outside of your work life (caregiving, activism, parenting, fitness, hobbies, home life, etc.). This is a chance to meet others with similar interests, share strategies that have worked, or just commiserate about what a difficult year it's been!			
10 -11:15 AM	Concurrent Contributed Sessions #2			
	Disparities in Severe Maternal Morbidity – Zoom Room A			
	Moderators: Collette Ncube, Eugene Declercq			
	Obstetric comorbidity scores and evaluating disparities in severe maternal morbidity	Stephanie	Leonard	Stanford University, US
	Neighborhood-level Racial/Ethnic and Socioeconomic Inequality and Severe Maternal Morbidity in the State of California: Employing the Index of Concentration at the Extremes	Christine	Board	UC Berkeley, US
	Drivers of Postpartum Readmissions with and without Severe Maternal Morbidity, Oregon All Payer All Claims 2012-2018	Menolly	Kaufman	OHSU-PSU School of Public Health, US
	Abstract: Driving distance to maternity hospitals and risk of adverse perinatal outcomes and maternal morbidity: an analysis of Pennsylvania birth records from 2011-2015	Sarah	Minion	University of Pittsburgh, US
	Risk of recurrent severe maternal morbidity in an urban safety net health system	Sheree	Boulet	Emory University, US
	Early Life Determinants of Child Health – Zoom Room B			
	Moderators: Edwina Yeung, Beth Widen			
	Feeding Problems as an Indicator of Developmental Delay in Early Childhood	Diane	Putnick	National Institute of Child Health and Human Development, NIH, US
	Examining the effect of maternal pre-pregnancy body-mass index on allergic disease development in offspring: a population-based study using health administrative databases in Ontario, Canada	Sebastian A.	Srugo	University of Ottawa, Canada
	Prenatal oxidative stress and autism spectrum disorder	Meghan	Carey	Drexel University, US
	Sex-specific patterns of the infant microbiome in relation to early-childhood behavioral outcomes	Hannah E.	Laue	Dartmouth University, US
	Associations between cord blood telomere length and adiposity in the first two decades of life	Farah	Qureshi	Harvard T.H. Chan School of Public Health, US
	Women's Health – Zoom Room C			
	Moderators: Sonia Grandi, Ugochinyere Vivian Ukah			
	Case-control study of adiposity measures and adenomyosis risk: The impact of control selection on results	Kristen	Upson	Michigan State University, US
	Long-term Cardiovascular Mortality in Mothers with Singleton and Twin Births: A Family-Based Approach	Prativa	Basnet	University of Bergen, Norway
	Gestational age trends in placental dysfunction among women with preeclampsia using a novel clustering approach	Alexander J.	Layden	University of Pittsburgh, US
	Menstrual cycle irregularities and adverse pregnancy outcomes in Project Viva	Diana	Soria-Contreras	National Institute of Public Health, Mexico
	Metformin and Risk of Adverse Pregnancy Outcomes Among Pregnant Women with Gestation Diabetes in The United Kingdom: A Population-Based Cohort Study	Ya-Hui	Yu	McGill University, Canada
11:15 - 11:30 AM	Break			

11:30 AM - 1PM	Plenary Session #1 – Zoom Room A			
	11:30 – 12:25 Keynote Address – Elizabeth Howell – <i>Racial Disparities in Maternal Morbidity and Mortality</i>			
	12:25 – 12:40 Student Prize Paper Presentation			
	12:40 – 12:50 SPER 2021 Awards			
12:50 - 1 PM	Break			
1 - 2 PM	Networking Session #3– Host: Claire Margerison – Zoom Room D			
	Chat with fellow SPER members about challenges, struggles, and successes that you have experienced during the past year in areas outside of your work life (caregiving, activism, parenting, fitness, hobbies, home life, etc.). This is a chance to meet others with similar interests, share strategies that have worked, or just commiserate about what a difficult year it's been!			
2 – 3:15 PM	Concurrent Contributed Sessions #3			
	COVID and pregnancy outcomes – Zoom Room A			
	Moderators: Amy Padula, Luther-King Fasehun			
	COVID-19 and Perinatal Intimate Partner Violence: A cross-sectional survey of pregnant and postpartum individuals in the early stages of the COVID-19 pandemic	Katherine	Muldoon	Ottawa Hospital Research Institute, Canada
	Risk factors for Severe Coronavirus Disease 2019 (COVID-19) during pregnancy	Camille	Dollinger	Harvard Chan School of Public Health, US
	Validity of electronic medical records for measuring maternal COVID-19 infection	Annette	Regan	University of San Francisco, US
	Associations between neighborhood COVID-19 pandemic stress, SARS-CoV-2 infection, and preterm birth in New York City	Teresa	Janevic	Icahn School of Medicine at Mount Sinai, US
	Pregnancy outcomes during the COVID-19 pandemic in Canada, March to August 2020	Shiliang	Liu	Public Health Agency of Canada
	Fertility and Fecundity – Zoom Room B			
	Moderators: Helen Chin, Leslie Farland			
	Outcomes after controlled ovarian stimulation and embryo transfer in women with cancer: a systematic review and meta-analysis	Clare	Meernik	University of North Carolina Gillings School of Global Public Health, US
	Miscarriage history and subsequent fecundability: Results from the Norwegian Mother, Father and Child Cohort Study	Lise A.	Arge	Norwegian Institute of Public Health and University of Oslo, Norway
	Fertility rates in women with intellectual and developmental disabilities in Wisconsin Medicaid	Eric	Rubenstein	Boston University, US
	Concordance of self-reported sexual intercourse frequency between members of heterosexual couples attempting conception	Julia	Bond	Boston University, US
	Willingness to use the "male" birth control pill: Demographic and reproductive health correlates among a community-based sample of U.S. men	Summer	Martins	University of Minnesota Medical School, US
	Risk factors for maternal depression– Zoom Room C			
	Moderators: Hilary Brown, Yael Nillni			
	Adherence to traditional Chinese postpartum practices and postpartum depression: a cross-sectional study in Hunan, China	Pengfei	Guo	Yale University School of Public Health, US
	Prenatal exposure to bisphenols and phthalates and postpartum depression: Examining the role of neuroactive sex steroid hormone disruption	Melanie	Jacobson	NYU School of Medicine, US
	Early pregnancy exposure to metals and maternal mid-pregnancy depressive symptoms in Project Viva	Lisa B.	Rokoff	Harvard T.H. Chan School of Public Health, US

	Circulating miRNA associated with depressive symptoms in pregnant mothers and effect on birthweight	Helen	Foley	University of Southern California, US
	COVID-19 outbreak-related stress, coping mechanisms, and symptoms of depression and anxiety in pregnant women	Sylvia E	Badon	Kaiser Permanente Northern California, US
3:15 - 3:30 PM	Break			
3:30 - 4:45 PM	Concurrent Contributed Sessions #4			
	Nutrition – Zoom Room A			
	Moderators: Angela Malek, Alexandra Purdue-Smithe			
	Is prenatal diet associated with the composition of the vaginal microbiome?	Emma	Rosen	UNC Gillings School of Public Health, US
	Iron and folic acid and multiple micronutrient supplementation strategies during pregnancy and adverse birth outcomes in Botswana	Ellen	Caniglia	NYU School of Medicine, US
	Preconception caffeine metabolites and fecundability among women attempting to conceive	Alexandra	Purdue-Smithe	National Institute of Child Health and Human Development, NIH, US
	Biomarkers of iron status and reproductive outcomes	Sunni	Mumford	National Institute of Child Health and Human Development, NIH, US
	Folate intake and ovarian reserve among women attending a fertility center	Mumta	Kadir	Emory University, US
	Association of adverse childhood experiences and household food insecurity in Washington State	Ashenafi	Cherkos	University of Washington, US
	Pregnancy Loss – Zoom Room B			
	Moderators: Anne Marie Jukic, David Savitz			
	History of pandemic H1N1-containing influenza vaccination and risk for spontaneous abortion and birth defects	Celeste	Romano	Naval Health Research Center; Leidos, Inc., US
	Preconception migraines and spontaneous abortion: a prospective cohort study	Holly	Crowe	Boston University, US
	Fetal mortality in the context of the COVID-19 pandemic	Andrew	Williams	University of North Dakota School of Medicine and Health Science, US
	Interpregnancy interval and adverse pregnancy outcomes among pregnancies following miscarriages	Gizachew	Tessema	Curtin University, Australia
	Live Birth Bias in Estimating Effects of Time-Varying Prenatal Exposures: A Simulation Study	Yuyuan	Lin	Yale School of Public Health, US
	Substance Use – Zoom Room C			
	Moderators: Russell Kirby, Renée Johnson			
	Association Between Perceptions of Harm and Opioid Use During Pregnancy Among Louisiana Women	Ayzsa	Tannis	Louisiana Department of Health, US
	COVID-19 and parental substance use in the perinatal period: A cross-sectional survey of substance use among post-partum women and their partners in the early stages of the COVID-19 pandemic	Olivia	Frank	Ottawa Hospital Research Institute, Canada
	Prenatal opioid analgesic exposure and risk of birth defects: a population-based study	Alexa C.	Bowie	Queen's University, Canada
	Racial discrimination, marijuana use, mental health in pregnant African American women	Dawn	Misra	Michigan State University, US
	Accuracy of Maternal Opioid-related Diagnosis Codes among Infants with NAS, Florida 2017	Amanda L.	Elmore	Florida Department of Health and University of South Carolina, US
4:45 – 5 PM	Break			
5 – 5:30 PM	SPER Business Meeting – Zoom Room A			