

# Poster Session 1, Tuesday, June 19, 2018

7:00 pm – 8:30 pm

## Aging

- 0001-S/P Does social factor play a part in physical frailty and predict mortality in older adults? Results from Beijing Longitudinal Study of Aging  
**Lina Ma**
- 0002 Illostatic load, unhealthy behaviors, and depressive symptoms among older adults in the Sacramento Area Latino Study on Aging (SALSA)  
**Erik J. Rodriguez**
- 0003-S/P The Effect of Middle Life Marital Status on Subsequent Cognitive Decline over 21 Years: Discovery From Atherosclerosis Risk in Community (ARIC) Cohort Study  
**Simo Du**
- 0004 Cellular Response to Chronic Psychosocial Stress: Ten-year Longitudinal Changes in Telomere Length in the Multi-Ethnic Study of Atherosclerosis  
**Helen Meier**
- 0005 The association between financial resources and homebound status among a national sample of older adults  
**Katherine Ornstein**
- 0006 Frailty, Inflammation, and Waitlist Mortality Among Patients with End-Stage Renal Disease  
**Mara McAdams DeMarco**
- 0007-S/P Longitudinal Associations Between CES-D Subcomponents and Clinically Significant Weight Loss in Older Women  
**Lynsie R. Ranker**
- 0008 Longitudinal associations between having an adult child in the US and cognitive function among older Mexican adults  
**Jacqueline M. Torres**
- 0009-S/P Kidney Transplant Outcomes in Recipients with Cognitive Impairment: A National Registry and Prospective Cohort Study  
**Alvin G. Thomas**
- 0010 Epidemiological Characteristics of Inpatients with Alzheimer's Disease and Mortality Factors: A Nationwide Population-based Study in Taiwan  
**Fu-Huang Lin**
- 0011-S/P Prevalence of Frailty among Kidney Transplant Recipients in the United States  
**Alvin G. Thomas**
- 0012-S/P The role of cardiovascular disease in the relationship between chronic exposure to air pollution and dementia  
**Sindana D. Ilango**

## Behavior

- 0020-S/P The association of sleep with metabolic pathways and metabolites: evidence from the Dietary Approaches to Stop Hypertension (DASH)-Sodium Feeding Study  
**Vanessa L.Z. Gordon-Dseagu**
- 0021-S/P More than just sleeping in: late chronotypes predict various health problems in adolescents  
**Genevieve Gariepy**
- 0022 Tobacco use and communication channel preferences among Appalachian youth  
**Delvon T. Mattingly**
- 0023 Network analysis of weight loss methods in a nationally representative sample  
**Alexis Duncan**

## Big Data

- 0030 Risk factors for delayed diagnosis and treatment of Lyme disease, and the identification of Lyme diagnosis and treatment stages through electronic medical records and free text analysis  
**Jonathan Pollak**

## Cancer

- 0040 OAF is a novel DNA methylation biomarker for colorectal cancer in Taiwan: data mining from three public databases and validated by methylation-specific PCR  
**Yu-Ching Chou**
- 0041 Breast cancer risk in chronic users of phthalate-containing medications: A Danish nationwide cohort study  
**Thomas P. Ahern**
- 0042 Substitution of Dietary Protein Sources in Relation to Colorectal Cancer Risk in the NIH-AARP Cohort Study  
**Linda M Liao**
- 0042-S/P Pleurectomy Decortication Versus Extrapleural Pneumonectomy in Malignant Pleural Mesothelioma: SPARCS data and Meta-analysis  
**Maaike van Gerwen**

- 0043-S/P The effect of betel-quid use disorder on oral precancerous disorder and oral squamous cell carcinoma  
**Yueh-Tzu Chiu**
- 0044-S/P Efficacy of Crizotinib, Ceritinib, and Alectinib in the treatment of ALK-positive non-small cell lung cancer: a meta-analysis of clinical trials  
**Tung Hoang**
- 0045 Making research impact on cancer prevention: an integrated knowledge translation strategy for the Canadian Population Attributable Risk (ComPARE) study  
**Zeinab El-Masri**
- 0046-S/P Non-herbal tea consumption and ovarian cancer risk. A systematic review and meta-analysis of observational epidemiologic studies with indirect comparison and dose-response analysis  
**Dongyu Zhang**
- 0047-S/P A Multigroup Confirmatory Factor Analysis of the Expanded Prostate Cancer Index Composite Short Form (EPIC-26) in English and Spanish Speakers  
**Ashly C. Westrick**
- 0048 Generalizing randomized clinical trial results to calendar-year specific cohorts of older stage II-III colon cancer patients initiating adjuvant chemotherapy  
**Jennifer L. Lund**
- 0049-S/P Mortality from head and neck cancer in Chile 2003-2014  
**Doris Durán**
- 0050-S/P Aromatase inhibitor and tamoxifen use and the risk of venous thromboembolism in a large population based cohort study  
**Xiaoqing Xu**
- 0051-S/P Tissue markers associated with residual disease after debulking surgery in ovarian cancer  
**Naoko Sasamoto**
- 0052 Risk factors for mammography screening failures by clinical prognostic stage at diagnosis  
**Anne Marie McCarthy**
- 0053 Factors associated with short-term adverse events and long-term survival after lung-cancer directed surgeries: an analysis of New York State Cancer Registry data linked with inpatient administrative data  
**Bian Liu**
- 0054 Prevalence of financial burden and associated psychological distress among US adult cancer survivors who reported having health insurance that paid for all or part of cancer treatment  
**Betsy Wilson**
- 0055-S/P The Chile Biliary Longitudinal Study (Chile BiLS): A Cohort Profile  
**Emma E. McGee**
- 0056 Impact of comprehensive hospice palliative care on use of potentially aggressive end-of-life care in Sudbury, Ontario, Canada (2012-2015): a propensity score-matched observational study  
**Mike Conlon**
- 0057-S/P Ethnic Disparities in the Receipt of Guideline Concordant Treatment in Colorectal Cancer Patients, with Causal Mediation Analysis  
**Chelsea Obrochta**

## Cardiovascular

- 0060-S/P Using Marginal Structural Models to Estimate Effects of Dialysis Modalities on Blood Pressure in ESRD Patients  
**Melissa Soohoo**
- 0061-S/P Periodontal Disease, Edentulism, and Hypertension Risk Among Postmenopausal Women in the Women's Health Initiative Observational Study  
**Joshua H Gordon**
- 0062-S/P Association of Change in Galectin-3 and Risk of Chronic Kidney Disease (CKD) Progression in the Chronic Renal Insufficiency Cohort (CRIC) Study: A Case-cohort Study  
**Zihe (Emma) Zheng**
- 0063-S/P Repeated Heart Failure Hospitalizations in Adults with Congenital Heart Disease: How does it affect mortality and what predicts it?  
**Fei Wang**
- 0064-S/P New blood pressure classification and risk of peripheral artery disease in the Atherosclerosis Risk in Communities (ARIC) Study  
**Yifei Lu**
- 0065 Sex Differences in the Cross-sectional and Longitudinal Associations of Electrocardiographic Global Electrical Heterogeneity with Cardiac Structure and Function in the Atherosclerosis Risk in Communities (ARIC) Study  
**Larisa Tereshchenko**
- 0066-S/P The association between serum phthalate concentrations and thyroid cancer and cerebrocardiovascular diseases: The KCPS-II Biobank  
**Keum Ji Jung**
- 0067-S/P A substitution analysis of red meat intake and incident coronary heart disease among men in the US  
**Ambika Satija**

- 0068-S/P Association between Midlife Obesity and Kidney Function Trajectories: the Atherosclerosis Risk in Communities Study  
**Zhi Yu**
- 0069 Survival Analysis of Hospitalized Out-of-Hospital Cardiac Arrest Patients: A Nationwide Population-based Study in Taiwan  
**Fu-Huang Lin**

## Diabetes

- 0080-S/P Diet preference to have meat increased the risk of incident type 2 diabetes mellitus- The Rural Deqing Cohort Study  
**Yuzhuo Wang**
- 0081-S/P The 5-year risk of severe hypoglycemia in patients with type 2 diabetes  
**Rachel Zmora**
- 0082 Bisphenol A exposure and diabetes mellitus risk: a meta-analysis  
**Sun Ha Jee**
- 0083-S/P Associations between serum vitamin D concentrations and diabetes among U.S adults  
**Kyeezu Kim**
- 0084 Heterogeneity in diabetes prevalence by mode of physical activity and race/ ethnicity among U.S. adults  
**Sandra E. Echeverria**

## Environment/Climate Change

- 0090-S/P The influence of e-cigarette use on indoor fine and ultrafine particle concentrations  
**Karena Volesky**
- 0091 Longitudinal biomonitoring of polybrominated diphenyl ethers (PBDEs) in a cohort of Great Lakes basin residents  
**Michelle Raymond**
- 0092-S/P Elemental Exposure to Copper and Attention Deficit Hyperactivity Disorders (ADHD) among Children in Proximity to Coal Ash Storage Sites  
**Chisom Odoh**
- 0093-S/P Injection-induced earthquakes in Oklahoma associated with motor vehicle crashes  
**Joan A. Casey**
- 0094-S/P The utility of causal inference methods on estimating the effect of traffic pollutants on emergency department visits in a cohort of children with asthma  
**Ryan Gan**
- 0095-S/P Associations of Serum Perfluoroalkyl Substance and Vitamin D Biomarker Concentrations in the National Health and Nutrition Examination Survey (NHANES), 2003-2010  
**Taylor M. Etzel**
- 0096-S/P Residential Proximity to Animal Feeding Operations and Cancer Risk in the Agricultural Health Study  
**Jared A. Fisher**
- 0097-S/P Regional Air Pollution and Risk of Asthma Incidence in the Southern California Children's Health Study  
**Erika Garcia**
- 0098-S/P Maternal prenatal well water arsenic exposure and endocrine-related phenotypes in Bangladeshi children aged 5-7 years: preliminary results  
**Yu-Hsuan Shih**
- 0099-S/P Long-term ambient air pollution and DNA methylation: Results from the Sister Study  
**Cuicui Wang**
- 0100-S/P The Role of Age on Respiratory Health Outcomes Among Elementary School Children Living in Poor Air Quality Areas  
**Anette Costa**

## Genetics

- 0110-S/P Genetic Variations and Risk of Placental Abruption: A Genome-Wide Association Study and Meta-analysis of Genome-Wide Association Studies  
**Tsegaselassie Workalemahu**
- 0111-S/P Pregnancy interacts with genetic variants to modify risk of multiple sclerosis  
**Cameron Adams**
- 0112-S/P Differential DNA methylation and expression of SLFN12 in multiple sclerosis patients' CD4+ and CD8+ T cells  
**Brooke Rhead**
- 0113 Prenatal home visiting modifies the association of maternal adverse childhood experiences with infant SCG5 DNA methylation  
**Alonzo T Folger**

## Global Health

- 0120-S/P The effects of body composition on asthma control and quality of life in adult asthma: A Structural Equation Modeling Study  
**Liang JH**
- 0121-S/P Country level analysis of the association between maternal obesity and neonatal mortality in sub-Saharan Africa: a cross-sectional study of the Demographic and Health Surveys  
**Ifeoma D. Ozodiegwu**
- 0122-S/P Use of remote sensing data and machine learning to predict roof type for indoor residual spraying campaigns  
**Amanda Irish**
- 0123-S/P Exploring the association between sick child care utilization and health service facility quality in Malawi  
**Lingrui Liu**

## Health Disparities

- 0130-S/P The Evaluation of Labial Closure Strength and Quality of Life in People with Intellectual Disability Using Patakara, A Two-month Intervention Study  
**Cheng-Hung Tsai**
- 0131-S/P Association of Genetic Ancestry Admixture and Early Childhood Obesity  
**Sahel Hazrati**
- 0132-S/P Biological age and depression in the Coronary Artery Risk Development in Young Adults (CARDIA) study  
**Sarah Forrester**
- 0133-S/P Cardiometabolic dysfunction among U.S. adolescents and area-level poverty: Race/ethnicity-specific associations  
**Andrew Williams**
- 0134-S/P Food Deserts in Minneapolis-St. Paul: Spatial analysis of risk factors for health outcomes  
**Emily A Groene**
- 0135-S/P Citizenship and Immigration Status on the Burden of Cardiometabolic Risk Factors among Hispanic/Latino Adults Living in the United States  
**Lindsay Fernandez-Rhodes**
- 0136-S/P Gender disparity in self-reported sleep quality among Canadian adults  
**Ashleigh J Rich**
- 0137-S/P Trends in Emergency Departments and Health Clinics Utilization in a South Eastern Semi-Urban City in US  
**Thomas Joshua**
- 0138-S/P Income inequality and socioeconomic disparities in self-rated health in the United States: A spatial analysis  
**Chun-Tung Kuo**
- 0139 Trends in Socioeconomic Inequalities in Ischemic Heart Disease in Ontario, Canada, 2000-2012  
**Brendan T Smith**
- 0140-S/P Social disparities in caries experience in children from 1 to 6 of the Metropolitan Region, Chile  
**Maria Jose Monsalves**

## Health Services/Policy

- 0150-S/P The impact of employment and socioeconomic position change on screening mammography utilization during the Great Recession: The Health and Retirement Study  
**Joshua Demb**
- 0151-S/P Factors to influence anxiety Scores when facing medical problems in SDM participants  
**Tzu Han Yang**
- 0152 Does Rapid Federal Expansion of Preventive Health Services Reduce Dependency on the Emergency Department? The Case of Federally Qualified Health Centers  
**Tim Bruckner**

## HIV/STI

- 0160 HIV Diagnosis Following an STI Diagnosis Among Males Including MSM: What is the Incidence?  
**Carla Tilchin**
- 0161-S/P Defining gay neighborhoods using census data and gay bars in Florida  
**Daniel E Mauck**
- 0162-S/P Skin Tone, Colorism, and Risk of Sexually Transmitted Infection among Black-Americans: Results from the 2016 National Survey on HIV in the Black Community  
**Jowanna Malone**
- 0163-S/P Utility of peer educators to conduct sexually transmitted disease surveillance among young women seeking care in an urban public healthcare system  
**Jessica M. Madrigal**
- 0164-S/P Disparities in late HIV diagnosis by race/ethnicity, nativity and language preference among MSM and transgender persons living in King County, WA  
**Tigran Avoundjian**

- 0165 Global trends in the diagnosed incidence of HIV from 2017 to 2027: effects of changing demographics and pre-exposure prophylaxis use  
**Sunali Goonesekera**

## Infectious Disease

- 0170-S/P Using a novel spatial analysis to predict Zika distribution in the Mexico-U.S. border, 1947-2017  
**Sarah Ayton**
- 0171 Pulmonary tuberculosis in Morocco: the epidemiological evidence  
**Hanaa Mouchrik**
- 0172-S/P Affordable HPV testing for communities that lack screening  
**Edmundo J Torres González**
- 0173 Risk factors Associated with Hepatitis C Virus Exposure in a Native American Population  
**Mary B. Williams**
- 0174 Environmental risk factors for Toxoplasma gondii seropositivity and its association with allostatic load in residents of central North Carolina  
**Andrey I. Egorov**
- 0175-S/P Incidence of acute myocardial infarction and stroke after tuberculosis treatment: A retrospective cohort study of former TB patients in Taiwan, 2002 - 2013  
**Argita Salindri**
- 0176-S/P Knowledge and awareness of HBV, HCV, and HIV infections by the infection and co-infection status among blood donors in Kumba District, Cameroon  
**Mokom Kendric Asongwed**
- 0177-S/P Comparison of seasonal influenza trends: timeliness validation of state outbreak reports in Mexico 2007-2014.  
**Hojoon Lee**
- 0178-S/P Estimating disease progression and symptom-specific care seeking behavior for TB-infected individuals in Cambodia  
**Karl Johnson**

## Injuries/Violence

- 0180-S/P Persistent Racial Disparities in Homicide from 1999-2015 in the United States  
**Berna Buyukozturk**
- 0181 Use of prescription opioids and initiation of fatal two-vehicle crashes: a pair-matched analysis  
**Stanford Chihuri**
- 0182-S/P Longitudinal Analysis of Emergency Department Utilization by Assaulted Adolescents  
**Kevin Kwan**
- 0183-S/P Timing of stress fractures after initiating a new physical training regimen  
**Craig J McKinnon**
- 0184 Trends in Mortality Due To Non-battle Injuries Among U.S. Service Members Deployed in Afghanistan and Iraq Wars: 2001-2014  
**Tuan D. Le**
- 0185 Reliability of self-reported traumatic brain injuries in research studies  
**Kathryn Taylor**

## Men's Health

- 0190 Cardiorespiratory fitness and risk of sleep apnea in 1.5 million men  
**Casey Crump**

## Mental Health

- 0200 Posttraumatic stress disorder and risk of selected autoimmune diseases in US military personnel  
**Deborah Boggs Bookwalter**
- 0201-S/P Initial assessment of Hurricane Harvey exposures and mental health impact  
**Wil Lieberman-Cribbin**
- 0202 Estimating the Extent to which Current Mental Health Symptoms may be Attributable to Intimate Partner Violence in a Community-Based Sample  
**Pamela T Roesch**
- 0203 Predictors of repeated adolescent emergency department visits for self-injury: A statewide cohort study from California  
**Sidra Goldman-Mellor**
- 0204-S/P Lack of Access to Medical Care during Hurricane Sandy and Mental Health Symptoms  
**Kristin Bevilacqua**
- 0205-S/P Proportion of subsequent psychopathology conferred by subthreshold PTSD in a military cohort  
**David S. Fink**
- 0206-S/P Racial/ethnic differences in the age of menarche and transdiagnostic psychiatric disorder risk: a latent modeling approach  
**Jonathan Platt**

- 0207-S/P The Prevalence of Treatment for Eating Disorders in a Population-Based Sample  
**Hannah Ziobrowski**
- 0208-S/P Trajectories of family poverty and children's mental health: Results from the Danish National Birth Cohort.  
**Laura Pryor**

## Methods/Statistics

- 0210-S/P Non-inferiority approaches in the observational setting  
**Hayden Smith**
- 0211-S/P The development and validation of a clinical prediction rule to predict transmission of methicillin-resistant Staphylococcus aureus in nursing homes  
**Sarah S Jackson**
- 0212-S/P An Application of Machine Learning for the Refinement of an EHR-derived Cohort  
**Sarah R Hoffman**
- 0213-S/P Shrinkage regression for confounder adjustment in the presence of collider-stratification bias  
**Malcolm Barrett**
- 0214-S/P Which effect measures matter most, and when?  
**Gregory H Cohen**
- 0215 Case study in major quotation errors: the marvelous citation and quotation career of a commentary on the Newcastle-Ottawa Scale  
**Andreas Stang**
- 0216-S/P Validation of self-reported physical activity in the Men's Lifestyle Validation Study  
**Claire H. Pernar**
- 0217-S/P Integrating disease forecasting models and causal inference: dengue prevention in Thailand  
**Stephen A Lauer**
- 0218 Selection by Milestones design (SMILE): Bias versus efficiency  
**Ian Shrier**
- 0219 Adjusted restricted mean survival times in observational studies  
**Ludovic Trinquart**
- 0220 Software to assess the effects of data-generating assumptions on estimator performance  
**Scott Zimmerman**
- 0221-S/P Inference of direct effects of metabolites on future disease risk in metabolic profiling studies - a graphical approach  
**Clemens Wittenbecher**
- 0222-S/P Using FDA website and ClinicalTrials.gov to identify trials for network meta-analysis: A case study on first-line medications for glaucoma  
**Lin Wang**
- 0223 Regression approaches for analyzing U.S. national period linked birth-infant death data  
**Lauren M. Rossen**
- 0224-S/P A Systematic Review of Quantitative Bias Analysis in the Epidemiologic Literature  
**Julie M Petersen**
- 0225 Comparison of approaches to estimate the association between slope of estimated glomerular filtration rate (eGFR) and subsequent end-stage renal disease (ESRD) risk  
**Yingying Sang**
- 0226-S/P Estimating treatment effects after multiple imputation of missing baseline covariate data  
**Hongseok Kim**
- 0227-S/P Missing data with an error-prone binary variable: a simulation study  
**Rosie Cornish**
- 0228 A Generalized Method for Obtaining Bias Parameters for Analysis of Uncontrolled Confounding  
**Onyebuchi A Arah**

## Molecular

- 0240 Measured maternal anthropometry prior to pregnancy and newborn DNA methylation  
**Edwina Yeung**

## Neurology

- 0250 Age-period-cohort modeling of multiple sclerosis incidence rates in Kuwait: 1980-2014  
**Saeed Akhtar**
- 0251-S/P Thyroid stimulating hormone and Alzheimer disease: A Mendelian randomization study  
**Matthew L. Romo**
- 0252-S/P Factors associated with poor reintegration to normal living one year after stroke: Evidence from the DESERVE trial  
**Kennedy Okhawere**

## Nutrition/Obesity

- 0260-S/P Association of fried food consumption with all-cause and cause-specific mortality: results from the Women's Health Initiative  
**Yangbo Sun**
- 0261 Trends and patterns of child stunting and the double burden of child under-nutrition in Malawi: A multinomial logistic regression analysis of the 2000 and 2015 Malawi Demographic and Health Surveys Data  
**Lana Clara Chikhungu**
- 0262 Relationship between race/ethnicity, gender, change in neighborhood segregation and cardiovascular health among minority youth attending a park-based afterschool program  
**Emily M. D'Agostino**
- 0263-S/P Using Sociodemographic Characteristics to Predict Early Childhood Obesity Among Low-Income Children in Los Angeles County: An Application of Machine Learning Techniques  
**Shelley Jung**
- 0264 Different sources of healthy eating norms and their association with children's changes in healthy eating  
**Hsin-Jen Chen**
- 0265-S/P Estimating dietary phosphorus intake from urinary phosphorus excretion: Results from the DASH Trial  
**Scott T McClure**
- 0266 A dietary micronutrient status score predicts body composition in young adult women  
**Sofija Zagarins**
- 0267 Evaluating the Validity of 24-Hour Dietary Recalls for Assessing Sodium Intake Among U.S. Adults—National Health and Nutrition Examination Survey 2014  
**Puthiery Va**
- 0267-S/P Applying the E-value to assess the robustness of epidemiologic fields of inquiry  
**Adrienne Erlinger**
- 0268-S/P Maternal pre-pregnancy weight, weight gain in pregnancy and the infant gut microbiome  
**Sirtaj B. Singh**

## Occupational

- 0270 Effort-reward imbalance in police work: Associations with an atypical cortisol stress response  
**John Violanti**
- 0271 Associations of Vitamin D3 with Objective Sleep Duration in Police Officers  
**Anna Mnatsakanova**
- 0272-S/P Nasal and sinus symptoms: chronic rhinosinusitis and other risk factors for work absenteeism and presenteeism  
**Jordan R. Kuiper**

## Other

- 0280 Meta-Analysis Comparing Infection Risk for Femoral and Non-Femoral Central Line Insertion Sites  
**Audrey Herring**
- 0281-S/P Postdoctoral fellowship length and future research productivity  
**Tiffany Holland**
- 0282-S/P Increased Risk of Delayed Graft Function and Acute Rejection Following HLA-Incompatible Live Donation  
**Jennifer D. Motter**
- 0283 Post-transplant graft loss under recent policy change in kidney transplantation in pediatric patients  
**Sheng Zhou**

## Perinatal & Pediatric

- 0290 Reproductive history, 17OHP use, and time to spontaneous recurrent preterm birth  
**Valery A Danilack**
- 0291-S/P Sociodemographic predictors of early postnatal growth  
**Ann Von Holle**
- 0292 Prenatal levels of polyunsaturated fatty acids in association with autism spectrum disorder  
**Kristen Lyall**
- 0293-S/P Influence of maternal and offspring genetic susceptibility to obesity on birthweight in African ancestry populations: intra-uterine vs shared genetic influence?  
**Deepika Shrestha**
- 0294 Neonatal vs. fetal growth standards to identify small for gestational age infants at risk of adverse outcomes  
**Nansi Boghossian**
- 0295 Infant vaccination education preferences among low-income pregnant women  
**Erika Fuchs**
- 0296 Association of social support and antepartum depression among pregnant women  
**Lauren E. Friedman**
- 0297 The effects of moderate to vigorous intensity sports and exercise activity during pregnancy on infant size at birth  
**Samantha Ehrlich**

- 0298-S/P Preconception blood pressure levels and vascular-related pregnancy complications  
**Carrie Nobles**
- 0299-S/P An application of statistical methods to evaluate the relationship between gestational weight gain and preterm birth  
**Lucia C. Petito**
- 0300 Effect of maternal smoking during pregnancy on trajectories of maternal gestational blood pressure  
**Kohta Suzuki**
- 0301 Validation of spontaneous abortion following inadvertent quadrivalent human papillomavirus vaccination during pregnancy in the Vaccine Safety Datalink  
**Gabriela Vazquez Benitez**
- 0302 25-hydroxyvitamin D (25OHD) and first trimester crown-rump length (CRL) in a prospective cohort study  
**Anne Marie Jukic**
- 0303-S/P Risk of preterm birth among women living in deprived neighbourhoods differs by women's depression and anxiety status  
**Kamala Adhikari Dahal**
- 0304-S/P Poor birth outcomes among Aboriginal Western Australians and smoking, alcohol and drug misuse, and assault  
**Alison Gibberd**
- 0305S/P Association between maternal psychosocial stress during pregnancy and gestational age in Puerto Rico  
**Stephanie Eick**
- 0306-S/P Conflict-induced maternal stress and birth outcomes: a natural experiment  
**Eva Laura Siegel**
- 0307-S/P Preterm birth, firearm violence, and infection: a study of mediation in California  
**Dana Goin**
- 0308-S/P Cardiovascular-Related Morbidity and Mortality in Women with a History of Pregnancy Complications: A Systematic Review  
**Sonia M Grandi**
- 0309-S/P The effect of skin-to-skin care on postpartum depression among mothers of preterm or low birth weight infants: A systematic review  
**Natalie V. Scime**
- 0310 Prevalence of small for gestational age among live births with confirmed and possible prenatal exposure to Zika virus infection, United States Zika Pregnancy and Infant Registry, 2015-2017  
**Regina M. Simeone**
- 0311 Exposure to maltreatment in childhood and excess weight gain in pregnancy: Results from a pilot study  
**Susan Mason**
- 0312 Asthma risk prediction using childhood wheeze trajectories  
**Arthur H. Owora**

## Pharmacoepidemiology

- 0321 All-cause mortality, unnatural death and fatal overdose among individuals initiating long-term opioid therapy  
**Kirsha Gordon**
- 0322 Trend-in-trend method to analyze abuse of infrequently prescribed drugs in the community setting  
**Nabarun Dasgupta**
- 0323 Trends in use of gabapentin in CKD and associated adverse outcomes  
**Aditya Surapaneni**
- 0324-S/P Antipsychotic initiation among a cohort of youth in foster care prescribed antidepressants  
**O'Mareen Spence**

## Reproductive

- 0330 Exposure to Tetrachloroethylene-Contaminated Drinking Water and the Risk of Stillbirth  
**Ann Aschengrau**
- 0331 Effect of a home pregnancy test intervention on cohort retention and detection of pregnancy loss  
**Lauren A. Wise**
- 0332 Physical Activity and Pregnancy Outcomes in Women with Prior Pregnancy Loss  
**Lindsey M. Russo**
- 0333-S/P Heat exposures and male fecundability: a preconception cohort study  
**Craig J McKinnon**
- 0334 Associations between urinary phytoestrogens and pregnancy loss and live birth  
**Keewan Kim**
- 0335-S/P Gestational arsenic exposure, fetal loss, and neonatal death  
**Sharia M Ahmed**



## Respiratory

- 0340 Test Performance Characteristics of the AIR, GAD-7 and HADS-Anxiety screening questionnaires for anxiety in Chronic Obstructive Pulmonary Disease  
**Janet T. Holbrook**

## Screening

- 0350 Prevalence of Preventive Health Services Use among US Adults: Comparisons between Two National Health Survey Findings, 2016  
**Guixiang Zhao**
- 0351-S/P Breast and Cervical Cancer Screening Participation of Women with Chronic Diseases in Korea: Analysis of the 2012 Korean National Health and Nutrition Examination Survey  
**Laurence Twizeyimana**

## Social

- 0360 Estimating a dynamic effect of supportive housing placement on emergency department visits in New York City  
**Sungwoo Lim**
- 0362S/P Do alcohol outlets mediate the effects of the Moving to Opportunity housing voucher experiment on adolescent excessive drinking?  
**Spruha Joshi**
- 0363 Will the rise of for-profit colleges erode the population health advantages associated with higher education?  
**Theresa L. Osypuk**
- 0364S/P Eviction in the United States: Affected populations, housing and neighborhood-level consequences, and implications for health  
**Kathryn Leifheit**
- 0365S/P Feelings versus facts: Using neighborhood data and perceptions of neighborhoods to study how place affects self-reported health of urban black men  
**Aimee J. Palumbo**
- 0366 Does bankruptcy risk predict new HIV cases? A spatio-temporal analysis of the local credit economy and HIV in Philadelphia, PA  
**Lorraine T Dean**
- 0367 Perceived racism in relation to telomere length  
**Yvette C Cozier**

## Substance Use

- 0370-S/P Past year arrests among prescription pain reliever misusers in the United States, 2002-2014  
**Abby Hagemeyer**
- 0371 Patterns of former drinking and their relationship with hospitalizations, cardiovascular disease, and death in the ARIC (Atherosclerosis Risk in Communities) Study  
**Natalie R. Daya**
- 0372-S/P Examining the association between long-term alcohol risk awareness and alcohol drinking patterns and alcohol use disorders among university students  
**Nicole Khaul**
- 0374 Linking DSM-V alcohol-use disorders with policy-relevant correlates in young adults: Implications for an evidence-informed national alcohol harm reduction policy  
**Lilian Ghandour**
- 0376 Effects of good samaritan laws on prescription opioid and heroin overdose fatalities  
**Nicole Kravitz-Wirtz**
- 0377 Differences in marijuana use disorder among users of different type of marijuana in Chile since 2014 to 2016  
**Nicolás Rodriguez**

## Translational & Implementation Science

- 0380 The CRCS-WISDM Project: a multilevel, shared decision making intervention to increase colorectal cancer screening  
**Resa M. Jones**

## Women's Health

- 0390-S/P Who's at risk? Adjusted estimates of hysterectomy incidence among women with benign gynecologic conditions in North Carolina  
**Danielle R Gartner**
- 0391 Dietary long-chain omega-3 fatty acids and risk of uterine fibroids in the Study of Environment, Lifestyle, and Fibroids (SELF)  
**Theodore M. Brasky**
- 0392-S/P The relationship between urinary bisphenol A concentrations, estrogen receptor gene and breast cancer

- 0393 **Yu-Ting Tseng**  
Insight Into Bladder Health: The Relation Between Lower Urinary Tract Symptoms and Interference in Women  
**Siobhan Sutcliffe**
- 0394 Yellow fever vaccination in relation to pregnancy among US active duty military women  
**Zeina G Khodr**

## Late Breaker

- LB20 Novel genetic loci linking early and later life cardiometabolic and anthropometric traits  
**Fasil Tekola-Ayele**
- LB21-S/P Using time and motion studies to improve the latent tuberculosis infection (LTBI) Cascade of Care  
**Hannah Alsdurf**
- LB22-S/P Factors associated with parental reasons for no-intent to vaccinate male adolescents with human papillomavirus vaccine: National Immunization Survey – Teen 2011-2016  
**Miraidis F. Brown**
- LB23-S/P The association between abuse history in childhood and salivary rhythms of cortisol and DHEA in postmenopausal women  
**Olivia R. Orta**
- LB24-S/P Associations between Current and Cumulative Marijuana Use and Changes in Cognitive Processing Speed and Flexibility for 17-years in HIV-seropositive and HIV-seronegative Men in the Multicenter AIDS Cohort Study  
**Chukwuemeka Okafor**
- LB25-S/P The increased prevalence of overweight and obesity and their influencing factors among rural Chinese adults  
**Chang Rui**
- LB26-S/P Classification of sub-groups of COPD and emphysema cases defined on CT scan and spirometry: COPDGene study  
**Woori Kim**
- LB27-S/P Sex-specificity in the association of maternal cortisol with newborn birth weight: A systematic review and meta-analysis  
**Stephana Cherak**
- LB28 Extended Mortality Follow-up of a Cohort of Workers Exposed to Acrylonitrile  
**Stella Koutros**
- LB29-S/P A Multidimensional Typology of Social Networks of Older Adults: The National Social Life Health and Aging Project (NSHAP)  
**Talha Ali**
- LB30-S/P The Cost of Hepatitis B Infection in South Korea from 2002 to 2015  
**Dahye Baik**
- LB31 Increased risk of premature and early menopause in women with overweight in early adulthood  
**Seung Ah Choe**
- LB32 Parent of origin effects for common variants in folate, homocysteine and transsulfuration pathways and risk of obstructive heart defects in a large population-based study  
**Wendy N. Nembhard**
- LB33-S/P Geographic variation in VPTB risk among Hispanic women as indicator of spatially varying risk environments  
**Kaitlyn K Stanhope**
- LB34-S/P Obstetric risks by maternal age according to race: a population-based study in the United States  
**Laura Schummers**
- LB35-S/P Epidemiological characteristics of Acute Respiratory Infections Associated with Respiratory Syncytial Virus-Damanhour, Egypt, August -2014 to August-2016  
**Saly Wagdy**
- LB36-S/P Does the relationship between interpregnancy interval and adverse pregnancy outcomes vary by maternal age?  
**Laura Schummers**
- LB37-S/P Interracial Couples and Breastfeeding Initiation In the United States  
**Jordyn Wallenborn**
- LB38-S/P Literacy and Contraceptive Use among Women in Swaziland  
**Ewinka Romulus**
- LB39 Trends in prevalence and control of hypertension according to the 2017 ACC/AHA guideline  
**Kirsten S. Dorans**
- LB40 Two-year implementation results from a community park-based mental health promotion and violence prevention program targeting at-risk minority youth  
**Emily M. D'Agostino**
- LB41 The association between alcohol consumption and depression among adult individuals residing in Brazil: the effect-modifying role of gender and age group  
**S. Cristina Oancea**
- LB42 Wide-scale population thinking instruction in high schools to reduce health disparities  
**Emily M. D'Agostino**
- LB43 Preliminary estimates of lifetime cancer prevalence in aging Vietnam Veterans

- LB44-S/P **Aaron Schneiderman**  
Prenatal Exposure to Perfluoroalkyl Substances and birth outcomes; a pool analysis in the Danish National Birth Cohort
- LB45 **Qi Meng**  
Risk of suicide among US veterans of Bosnia/Kosovo UN peacekeeping mission
- LB46 **Tim Bullman**  
Impact of Cannabis use on Post Stroke Outcomes: Insights from the Nationwide Inpatient Sample (NIS) Study
- LB47-S/P **Rikinkumar Patel**  
Arboviral infection in Peace Corps Volunteers: Improved population health surveillance for emerging infectious diseases
- Rennie Ferguson**



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