

**47<sup>th</sup> Annual Meeting**  
**Final Program (as of 6/9/2014)**  
**June 24 – 27, 2014**

**TUESDAY, JUNE 24, 2014**

7:00 - 8:30 pm

**Welcome Reception and Poster Session 1**

Grand Ballroom 3

**AGING**

- 001 Birth Weight as a Predictor of Grip Strength in the Seventh Decade of Life  
**Mark Pearce**
- 002 Bladder Antimuscarinics and Cognitive Decline in Elderly Patients Enrolled in the National Alzheimer's Coordinating Center Cohort  
**Daniela Moga**
- 003-S From Forgetful to Disabled: Does Physical Inactivity Accelerate Onset of IADL Limitations among Memory Impaired Adults?  
**Pamela Rist**
- 004 Leukocyte Telomere Length and Mortality in the National Health and Nutrition Examination Survey, 1999-2002  
**Belinda Needham**
- 005-S Polypharmacy among Adults Aged 65 and Older in the United States: 1988-2010  
**Christina Charlesworth**
- 006-S The Study on Global Ageing and Adult Health (SAGE): Depression and Body Composition among Aging Populations  
**William Olson**
- 007-S Use of Electronic Medical Records and Health Risk Assessments to Understand Sedentary Time in Older Adults  
**Dori Rosenberg**
- 008 Is Spousal Caregiving Associated with Physical Activity Prevalence?: Evidence from the Health and Retirement Study  
**Benjamin Capistrant**
- 009 Objectively Measured Physical Activity among Older Adults in an Urban Setting in India: Results of a Study on Global Ageing and Adult Health (SAGE) Sub-Study  
**Josh Snodgrass**
- 010-S Physical Activity, Functional Abilities, and Health: Results of a WHO SAGE Sub-Study among Older Adults in an Urban Setting in India  
**Tyler Barrett**
- 011-S A Prospective Assessment of Cardiac Biomarkers for Hemodynamic Stress and Necrosis and the Risk of Falls among Older People  
**Dhayana Dallmeier**
- 012-S Validation of Self-Reported Hypercholesterolemia Accounting for Lipid-Controlling Drug Use  
**Michael Passarelli**
- 013 Walking Speed Modifies the Association between Diastolic Blood Pressure and Outcomes: The Health, Aging, and Body Composition Study  
**Michelle Odden**
- 014-S Association between Exposure to Secondhand Smoke and Telomere Length: Cross-Sectional Study of 1,433 Non-Smokers  
**Liya Lu**
- 015-S Cadmium and Lead Exposure and Risk of Age-Related Cataract in US Adults: The National Health and Nutrition Exam Survey  
**Weiye Wang**

**ALTERNATIVE MEDICINE**

016 Withdrawn

**CANCER**

- 017 A Comprehensive Model of Colorectal Cancer by Risk Factor Status and Sub-Site Using Data from the Nurses' Health Study  
**Esther Wei**
- 018-S Alcohol, Smoking and Non-Hodgkin Lymphoma in Twins  
**Amie Hwang**

- 019 Cancers with Increasing Incidence Trends among Young Adults in the United States  
**Edgar Simard**
- 020 Dietary Fiber and Colorectal Cancer Risk in Women Versus Men: The Multiethnic Cohort  
**Song-Yi Park**
- 021-S Endometrial Carcinoma Stage and Mortality in Relation to Fallopian Tube Ligation  
**Ashley Felix**
- 022 Incidence of Exocrine and Endocrine Pancreatic Cancers in the United States, 2001-2010  
**Mary Elizabeth O'Neil**
- 023-S Invasive Versus Noninvasive Melanoma: Are There Clues about Smoking and Drinking Relationships?  
**H Nicole Tran**
- 024-S Lycopene Intake and Risk of Prostate Cancer by TMPRSS2:ERG Subtype  
**Rebecca E Graff**
- 025-S Mortality of Testicular Cancer in East and West Germany 20 Years after Reunification: A Gap Not Closed Yet  
**Carsten Rusner**
- 026-S Risk Factors for Young-Onset Breast Cancer  
**Katie M O'Brien**
- 027-S Risk Models for Prediction of Esophageal Adenocarcinoma in Patients with Barrett's Esophagus  
**Aaron Thrift**
- 028-S Second Malignant Neoplasms in Survivors of Childhood Cancer  
**Ben Cannon**
- 029 Sexual Behaviour and Head and Neck Cancers: A Systematic Review and Meta-Analysis  
**Marie-Claude Rousseau**
- 030 Survival after Colorectal Cancer According to Family History of Disease  
**Amanda Phipps**
- 031-S Systemic Glucocorticoids and Early-Onset Basal Cell Carcinoma  
**Jose Ramon Troche**
- 032-S Quantification of the Smoking-Associated Risk of Total and Site-Specific Cancer Incidence and Mortality with Rate Advancement Periods: Results from The CHANCES Consortium  
**José Manuel Ordóñez-Mena**
- 033-S Second Primary Cancers among Female Breast Cancer Survivors by Hormone Receptor Status from 1992-2010  
**Sabah M Quraishi**
- 034 Adult Physical Activity and Subsequent Risk of Breast Cancer by Molecular Subtype in The Nurses' Health Study  
**A Heather Eliassen**
- 035-S Associations between Objectively-Assessed Sedentary Time and Moderate-Vigorous Intensity Physical Activity and Obesity among Breast Cancer Survivors  
**Terry Boyle**
- 036-S Associations between Objectively-Assessed Sedentary Time and Moderate-Vigorous Intensity Physical Activity and Sleep Quality and Duration among Breast Cancer Survivors  
**Terry Boyle**
- 037 Withdrawn
- 038-S When Less is More: Understanding Factors Influencing Patient Attitudes and Behavior when Cervical Cancer Screening Guidelines Recommend Less Screening  
**Michelle Silver**
- 039 Interaction of Diabetes and Obesity in Postmenopausal Breast Cancer Risk among White and Black Women in the Southern Community Cohort Study  
**Maureen Sanderson**
- 040 Withdrawn
- 041-S Racial Disparities in Breast Cancer Diagnosis and Treatment by Hormone Receptor and HER2 Status  
**Lu Chen**
- DIABETES**
- 042 Use of Amniotic Tissue for Diabetic Foot Ulcers Therapy: An Evidence Review  
**Mary C Bocox**
- 043 Cognitive Function in Diabetic and Non-Diabetic Middle-Age and Older Adults from China, Ghana, India, Mexico, Russia and South Africa: Implications for Functioning at Older Ages  
**Nadia Minicuci**
- 044 Evaluation of Cardio-Ankle Vascular Index in Association with Diabetes Mellitus among Japanese Urban Workers and Their Families  
**Mitusko Nakata**
- 045 The Impact of Sitting on Type 2 Diabetes and Mortality  
**Calpurnia Roberts**
- 046 All-Cause Mortality in Adults with and without Diabetes by Race-Ethnicity: United States, 1986-2006  
**Yiling Chen**

- 047 Mobile Health Considerations for Persons with Diabetes: A Health Literacy Perspective  
**Mark Macek**
- 048-S Establishing a TB Diabetes Cohort in a Developing Country: Experiences and Challenges of the Diabetes-Tuberculosis Treatment Outcome Study  
**Fatima Mukhtar**
- 049-S C-Reactive Protein, Depressive Symptoms, and Incidence Of Diabetes: Results from the English Longitudinal Study of Ageing (ELSA)  
**Bonnie Au**
- 050 Increased Risk of Diabetes in Men and Women with Self-Perceived Chronic Stress Independent of Body Weight  
**Yue Chen**
- 051 Rationale, Design, and Method of The Diabetes & Women’s Health Study-A Study of Long-Term Health Implications of Glucose Intolerance in Pregnancy and Their Determinants  
**Cuilin Zhang**
- 052 Shift Work and Incident Diabetes in The Black Womens Health Study  
**Edward A Ruiz-Narvaez**

## GLOBAL HEALTH

- 053-S Cigarette Smoking among Foreign-Born Cambodian American Adults  
**Che Wankie and Robert Friis**
- 054-S Moved to Symposia Session 1, Wednesday 3:30-5:00 pm
- 055-S Global Educational Disparities in the Associations between Body Mass Index and Diabetes Mellitus in 49 Low- and Middle-Income Countries  
**Aolin Wang**
- 056-S Breastfeeding is Associated with Lower Rates of Hospitalization among HIV-Exposed Uninfected Infants  
**Kristjana Ásbjörnsdóttir**
- 057 Pathways to Health and Wellbeing – The Social Networks of Orphaned and Abandoned Children (OAC)  
**Lynne C. Messer**
- 058 Patterns and Determinants of Undiagnosed and Untreated Chronic Morbidity among Adults in the Low-Middle Income Countries: Evidences from the SAGE Survey Wave-I, 2007/10  
**Perianayagam Arokiasamy**
- 059-S Moved to Concurrent Session 4, Thursday 4:15-5:45 pm
- 060-S The Dual Burden of Underweight and Overweight in Urban and Rural India over the Lifecourse  
**Shivani Patel**
- 061-S HIV Prevalence and Determinants among Men Who Have Sex with Men and Transgender Women in Lima, Peru  
**Elena Cyrus**
- 062 Comparison of the PHQ-2 and the EPDS-B as Screening Tools for Depressive Symptoms among Post-Partum Women in Bangladesh  
**Jean Y Ko**
- 063 Withdrawn
- 064-S Association between Diabetes and Dietary Patterns in Two Urban Communities of Nepal  
**Archana Shrestha**
- 065-S A Compilation of National Health Accounts Data from 1996 to 2010: A Review and Assessment of Country-Generated NHA Data  
**Anthony Bui**
- 066 Raw Milk Consumption in Mexican Migrant Sending Communities to the USA  
**Lorena Garcia**

## INFECTIOUS

- 067-S Duration of Pertussis Immunity Following Five Doses of Dtap: A Systematic Review and Meta-Analysis  
**Ashleigh McGirr**
- 068 Epidemiology of Polymicrobial Infections in Methicillin Resistant Staphylococcus Aureus Associated Acute Bacterial Skin and Skin Structure Infections  
**Richard Evans**
- 069 Estimating the Public Health Benefit Due to Influenza Vaccination among Pregnant Women and Infants Aged Less than 6 Months  
**Carrie Reed**
- 070-S Risk Factors Associated with La Crosse Encephalitis in Western North Carolina, 2010-2012  
**John Wallace**
- 071 Spatiotemporal Patterns of Cutaneous Anthrax in China, 2005–2012  
**Hailong Sun**
- 072-S Characteristics of Unpasteurized (Raw) Milk Consumers  
**Michael Bazaco**
- 073 Using Video Analysis to Describe Social Mixing and Infectious Disease Transmission at Large Mass Gatherings – A Proof-Of-Principle Project  
**Jeanette J Rainey**

- 074 A Systematic Review and Meta-Analysis of the Association between Diabetes Mellitus and Surgical Site Infections  
**Emily Martin**
- 075-S Withdrawn
- 076 Persistence of Meningococcal Serogroup A and Tetanus Immunity Following the Introduction of Menafrivac Vaccine in Mali  
**Nicole Basta**
- 077-S Withdrawn
- 078-S Mortality and Productivity Losses from Toxoplasmosis in the United States, 2000-2010  
**Patricia Cummings**

## **MENTAL HEALTH**

- 079 A Randomised Factorial Design to Assess the Effect of Survey Mode and Question Wording on Measuring Family Harmony: Evidence from the FAMILY Cohort  
**Michael Y Ni**
- 080 Withdrawn
- 081 Severity of Psychological Distress among Adults with and without Disabilities  
**Catherine Okoro**
- 082-S The Longitudinal Effects of Neighborhood Social and Material Deprivation Change on Psychological Distress in Urban, Community-Dwelling Canadian Adults  
**Alexandra Blair**
- 083 Current Depression among Adult Cancer Survivors: Findings from the 2010 Behavioral Risk Factor Surveillance System  
**Guixiang Zhao**
- 084-S Days out of Role Due to Mental and Physical Illness in the South African Stress and Health Study  
**Sumaya Mall**
- 085 Residential Transience, Major Depression, and the Unmet Need for Treatment  
**Cristie Glasheen**
- 086-S The Association of Stressful Life Events with Antiretroviral Adherence, Accounting for Time-Varying Confounding by Depressive Severity  
**Julie K O'Donnell**
- 087 Rethinking Mental Distress Measures Using the Behavioral Risk Factor Surveillance System  
**Tammie Johnson**
- 088 Mental Health Problems among Males with Duchenne/Becker Muscular Dystrophies Using Population-Based Surveillance Data from the Muscular Dystrophy Surveillance, Tracking, and Research Network (MD Starnet)  
**Kristin Caspers Conway**
- 089-S Onset and Prevalence of Psychiatric Disorders in a Representative Sample of Army National Guard Soldiers  
**David Fink**
- 090-S Examining the Effect of Parental Incarceration on Children's Mental Health in the United States  
**Erika Braithwaite**
- 091 Predictors of Depressive Disorders and Poor Health in Adults: The Role of Adverse Childhood Experiences  
**Megan Quinn**
- 092-S Predictors of Mental Health in Illinois High School Students  
**Bala Mutyala**

## **METHODS**

- 093-S A Cautionary Note about Estimating Effects of Secondary Exposures in Cohort Studies  
**Katherine Ahrens**
- 094 A Randomized Trial of Repeat Mailing and Financial Incentives as Enrollment Strategies into an Internet-Based Cohort Linked to Electronic Administrative Data  
**Jorge Chavarro**
- 095 Adapting Sampling Methods to Oversample Hard-To-Reach Race/Ethnic Groups in a Population-Based Telephone Survey  
**Duyen Ngo**
- 096 An Invitation to Data Tourism: Come Explore New Zealand's First Class Longitudinal Data  
**Sarah Radke**
- 097 Does Taking on More Difficult Cases Affect a Surgeon's Risk-Adjusted Mortality Rate?  
**Bradley Manktelow**
- 098 The Selection of Model Parameters when Using the CUSUM to Monitor Clinical Outcomes  
**Bradley Manktelow**
- 099 Withdrawn
- 100-S Implications of Nondifferential Dependent Misclassification of Covariate and Exposure  
**Kelly Getz**
- 101-S Intraindividual Variability over Time in Plasma Biomarkers of Inflammation and Effects of Long-Term Storage  
**Sheetal Hardikar**

- 102-S Linkage of Invasive Methicillin-Resistant Staphylococcus Aureus (MRSA) Surveillance Data to Vital Records Data  
**Lindsey Lesher**
- 103 Modeling Total Effects in the Presence of Exposure-Mediator Interaction  
**Onyebuchi A Arah**
- 104-S Potential Reverse Causation in Prospective Cohort Studies of Older Participants: An Illustration with Directed Acyclic Graphs  
**Shiu Lun Au Yeung**
- 105 Potentially Spurious Causal Effects from Mendelian Randomization  
**C Mary Schooling**
- 106 Powercomp: An R Package for Power Analyses for Study Designs Using Composite Sampling  
**Adam Omidpanah**
- 107 Review of the Use Of Propensity Scores in Case-Control Studies  
**Igor Karp**
- 108-S Selection Bias in Instrumental Variable Analyses Comparing Active Treatments  
**Sonja Swanson**
- 109-S The Magnitude and Direction of Potential Bias in Instrumental Variable Analyses when Treatment Effects are Heterogeneous  
**Sonja Swanson**
- 110-S The Impact of Using a Delayed, Indirect Effect as a Surrogate for Short-Term Effects when the Short-Term Effects Have Not Been Measured  
**Katherine Mues**
- 111 Time-Dependent Partial Adherence  
**Ian Shrier**
- 112-S Understating the Relationship between Directed Acyclic Graphs (DAGS) and Data through Simulation Studies  
**Matthew Fox**
- OBESITY**
- 113-S A Multilevel Analysis of Factors Associated with Overweight in Brazilian Adults  
**Fernanda Penido Matozinhos**
- 114-S Factors Associated with Burden Metabolic Syndrome Diseases in Urban Brazilian Population: A Multilevel Analysis  
**Fernanda Penido Matozinhos**
- 115 Withdrawn
- 116-S Relationship between Factors Associated with the Overweight among Adults in Brazil: A Multilevel Analysis  
**Larissa Loures Mendes**
- 117-S Weight Change Trajectories Following Incident Lower Limb Amputation  
**Erin Bouldin**
- 118 The Role of Medical and Pharmaceutical Treatment in Explaining Obesity Trajectories and Mortality  
**Amanda Sonnega**
- 119-S Association of Body Mass Index with Survival after Colorectal Cancer in the GECCO Study  
**Jonathan Kocarnik**
- 120-S Is Collider Stratification Bias One Plausible Explanation for The Obesity Paradox?  
**Hailey R Banack**
- 121-S Association of Retinol-Binding Protein 4 with Cardiometabolic Risk Factors and Metabolic Syndrome in Adolescent  
**Meng-Hsueh Chen**
- 122 Association of the Sagittal Abdominal Diameter-To-Height Ratio with Three Metabolic Dysfunctions  
**Henry S Kahn**
- 123 Excessive Body Weight as an Important Predictor of Hyperglycemia in Rural Chinese Adults: Baseline Data from the Yuhuan Rural Health Population Cohort Study  
**Chaowei Fu**
- 124-S Neighborhood Influences on Girls' Adiposity across the Transition to Adolescence  
**Lindsay T Hoyt**
- 125-S Physical Inactivity and Obesity: Using a Novel Environmental Quality Measure to Control Confounding  
**Christine Gray**
- 126-S The Relationship between Neighborhood Social Environment Stressors and Body Mass Index (BMI), Waist Circumference (WC), and Waist-To-Hip Ratio (WHR) in the Women and Their Children's Health (Watch) Study in Louisiana  
**Samaah Sullivan**
- 127 Obesity, Central Obesity and Migraine: A Cross-Sectional Analysis in the Brazilian Longitudinal Study of Adult Health (ELSA-Brasil)  
**Isabela Benseñor**
- 128-S Healthful Dietary Patterns, Weight Gain, and Risk of Obesity among Women with a History of Gestational Diabetes Mellitus (GDM)  
**Deirdre Tobias**

- 129 Examining Sedentary Work and Weight Gain Prospectively: Evidence from NLSY79  
**Tin-chi Lin**
- 130 Oxidative Stress Programs Appetite?  
**Zhong-Cheng Lou**
- 131-S Hormonal Contraceptive Use in Pregnancy and Offspring Overweight or Obesity  
**Elizabeth T Jensen**
- 132-S Using Recursive Partitioning Analysis to Estimate Complex Associations between Neighborhood and Individual Characteristics and Obesity in Children  
**Andraea Van Hulst**
- 133 Total And Controlled Direct Effects of Childhood Abuse on Adult Weight Status: Assessing Coping-Motivated Eating as a Target for Obesity Prevention after Abuse  
**Susan Mason**

## **OCCUPATION**

- 134-S Blood AChE and BChE as Biomarkers of Cholinesterase Depression among Pesticide Handlers  
**Jean Strelitz**
- 135 Construction of a Location-Exposure Matrix for Ionizing Radiation in Low Earth Orbit  
**Robert J Reynolds**
- 136 Ionizing Radiation from Extraterrestrial Environments and the Risk of Death from Cancer and All Natural Causes among US Astronauts, 1959-2011  
**Robert J Reynolds**
- 137 Effectiveness of a Health Promotion Program among Employees in a Western United States School District  
**Ray Merrill**
- 138-S Occupational Exposure to Ultrafine Particles among Airport Employees in Copenhagen Airport, Denmark - Combining Personal Monitoring and Global Positioning System  
**Karina Møller**
- 139 Acute Myeloid Leukemia Risk by Industry and Occupation  
**Rebecca Tsai**
- 140 Effects of Excluding Unexposed Workers from Life Table and Regression Analyses: Re-Examination of a Retrospective Cohort Mortality Study of Microelectronics and Business Machine Facility Workers  
**Sharon Silver**
- 141 Hypertension Prevalence and Treatment among a Large Cross-Section of Commercial Truck Drivers  
**Matthew Thiese**
- 142 Mortality and Causes of Death for Russian and Soviet Cosmonauts, 1960-2013  
**Steven M Day**
- 143 Building-Related Health Symptoms and Classroom Conditions: A Survey of School Teachers in New York State  
**Christine Kielb**
- 144 Withdrawn
- 145 Silicosis Mortality Trend, United States, 1999–2010  
**Ki Moon Bang**
- 146-S The Association of Cumulative Silica Exposure with Lung Disease Outcomes in Taconite Miners  
**Nnaemeka Odo**

## **PERINATAL/PEDIATRIC**

- 147 Blood Spot Adiponectin and Infant Birth Size  
**Edwina Yeung**
- 148-S Examining the Association between Exclusive Breastfeeding and Asthma in a Predominantly Immigrant Latino Population  
**Gretchen Bandoli**
- 149-S Executive Functioning and Early Childhood Obesity  
**Amanda Brzozowski**
- 150 Factors Associated with Hospital Resource Utilization in a Population-Based Study of Infants with Down Syndrome  
**April Dawson**
- 151-S Genitourinary Conditions Requiring Medical Intervention in a Population-Based Cohort of Males with Duchenne/Becker Muscular Dystrophies  
**Yong Zhu**
- 152 Labor Patterns in Women Attempting Vaginal Birth after Cesarean (VBAC) from the Consortium on Safe Labor Study  
**Katherine Laughon Grantz**
- 153-S Maternal Polybrominated Diphenyl Ether Concentrations (Pbdes) and Thyroid Hormone Levels in Maternal and Cord Serum  
**Ann M Vuong**
- 154-S Maternal Serum Markers of Lipid Metabolism in Relation to Neonatal Anthropometry  
**Nansi Boghossian**

- 155-S Preeclampsia Risk in Association with Maternal Antioxidant Levels in Mid-Pregnancy  
**Jacqueline Cohen**
- 156 Red Blood Cell Folate Concentrations among Non-Pregnant U.S. Women of Childbearing Age, National Health and Nutrition Examination Survey, 2007-2010  
**Sarah Tinker**
- 157 Short Interpregnancy Interval, Timing of Gestation, and the Folate Depletion Hypothesis  
**Ashley Naimi**
- 158-S The Association between Trajectories of Gestational Weight Gain and Child IQ at 5 Years of Age  
**Stefanie Hinkle**
- 159-S The Effect of Maternal Stress on Child Academic Readiness, as Mediated by Preterm Birth  
**Rachel Burke**
- 160 The Impact of Maternal Diet during Pregnancy on Excess Gestational Weight Gain  
**Sneha Sridhar**
- 161-S The Influence of Infancy Weight Gain on Patterns of Adolescent Growth in Japanese Children  
**Wei Zheng**
- 162 Understanding the Impact of Socioeconomic Risk Factors on Late and Moderately Preterm Birth: A Population-Based Cohort Study  
**Lucy Smith**
- 163-S Use of Meconium in Perinatal Epidemiology: Potential Benefits and Pitfalls  
**Bo Park**
- 164 Mealtime Behavior Problems in Preschool-Aged Children Born Preterm: Prevalence and Associations with ADHD and Parent Use of Food as a Reward  
**Sarah Keim**
- 165 Mealtime Behavior Problems in Relation to Self-Regulation: Findings from the Prek Picnic Study of Preschool-Aged Children Born Very Preterm  
**Sarah Anderson**
- 166-S Pre-Pregnancy and Early Pregnancy Leisure Time Physical Activity and Fetal Growth in the Omega Study  
**Sylvia E Badon**
- 167 Understanding the Causes of Autism, the Rise in Autism, and the Causes of the Rise in Autism  
**Irva Hertz-Picciotto**
- 168 Association between Neonatal Phototherapy and Admissions for Infantile Cancer  
**Thomas Newman**
- 169 Phototherapy and the Risk of Childhood Cancer in Term and Late Preterm Newborns  
**Thomas Newman**
- 170 Does Early-Life Cardiovascular Health Have an Independent Effect on Birth Outcomes?: An Example of Marginal Structural Models with the Bogalusa Heart Study  
**Emily W Harville**
- 171 Lifetime Burden of Cardiovascular Health and Birth Outcomes: A Vital Records Linkage Analysis with The Bogalusa Heart Study  
**Emily W Harville**
- 172-S A Validation Study of Neonatal Seizure Reports in Birth Certificates Compared to Maternal Interviews and Hospital Discharge Files  
**Qing Li**
- 173-S Labor Complications, Birth Depression, and Signs of Possible Neonatal Encephalopathy in the Asphyxial Pathway to Cerebral Palsy among Term Births: An Application of G-Estimation in a Matched Case-Control Study  
**Qing Li**
- 174 Prepregnancy Low Density Lipoprotein (LDL) Peak Particle Diameter and Subsequent Risk of Gestational Diabetes (GDM)  
**Monique Hedderson**
- 175-S Withdrawn
- 176 Postnatal Growth Patterns of Preterm and Late Term Infants, and Differences in this According to Maternal Education  
**Laura Howe**
- 177-S The Association between Financial Life Event Stressors and Risk of Low Birth Weight among African Americans and Whites – An Analysis of Los Angeles Mommy and Baby (LAMB) Surveys  
**Yuan Zhao**
- 178-S Prenatal Exposure to Perfluorinated Chemicals, Attention-Deficit/Hyperactivity Disorder and Autism  
**Zeyan Liew**
- 179-S Maternal and Environmental Predictors of Umbilical Cord Blood Levels of Interleukin-33 (IL33), Thymic Stromal Lymphopoietin (TSLP), and Immunoglobulin E (Ige) in a Canadian Birth Cohort  
**Jillian Ashley-Martin**

## POLICY

- 180-S Systematic Critical Review of Economic Evaluations of the Elimination of H. Pylori for Gastric Cancer Prevention  
**Arianna Wayne**
- 181-S Estimating Quality Adjusted Life Years Loss Due to Noncommunicable Diseases and Predicting its Changes Until 2040  
**Minsu Ock**

## RENAL

- 182 Incidence of Dialysis in Live Kidney Donors and a Matched Nondonor Cohort  
**Allan Massie**
- 183-S Lack of Insurance, Black Race, and Region of Residence are Associated with Lack of Adequate Nephrology Care among U.S. Patients with Lupus Nephritis-Associated End-Stage Renal Disease  
**Laura Plantinga**
- 184-S Socioeconomic Indicators and Geography Associated with Access to Kidney Transplantation among U.S. Patients with Lupus Nephritis-Associated End-Stage Renal Disease  
**Laura Plantinga**
- 185 Modeling Treatment Trajectories to Optimize the Organization of Renal Replacement Therapy and Public Health Decision Making  
**Cécile Couchoud**
- 186-S The Association between Body Mass Index and Incident End-Stage Renal Disease in Blacks and Whites: The Southern Community Cohort Study  
**Elvis Akwo**

## REPRODUCTIVE

- 187-S Association between Chlordane Levels and Serum Hormone Concentrations in the U.S. Servicemen's Testicular Tumor Environmental and Endocrine Determinants (STEED) Study  
**Armen Ghazarian**
- 188-S Experience Matters: Differences in Cesarean Delivery Rates between Resident and Attending Physician Practices  
**Anna M Modest**
- 189 International Comparison of Placental Abruption Rates: Age-Period-Cohort Analysis  
**Ava Hamilton**
- 190 Sensitivity Analysis for Estimating Direct Effects: The Difficult Case of Preterm Birth as a Mediator  
**Olga Basso**
- 191-S Association of Social and Emotional Support with Contraceptive Use among U.S. Adults: Results from the 2010 Behavioral Risk Factor Surveillance System  
**Ramos Mboane**
- 192-S The Impact of an Exercise Intervention on Physical Activity during Pregnancy: The Behaviors Affecting Baby and You (B.A.B.Y.)  
**Marquis Hawkins**
- 193-S Treatment for Infertility and Risk of Hypertension  
**Leslie V Farland**
- 194 Glycemic Control among Women with Pregestational Diabetes: Modeling its Potential Public Health Impact on the Prevention of Congenital Heart Defects in the United States  
**Regina Simeone**
- 195 Effects of Stress and Depression on Risk of Unintended Pregnancy among Young Women  
**Kelli Stidham Hall**
- 196-S A Prospective Cohort Study of Prepregnancy Potato Consumption and the Risk of Gestational Diabetes: Potatoes, Friend or Foe?  
**Wei Bao**
- 197 Dietary Carbohydrate Intake and Androgens in Normally Menstruating Women  
**Lindsey Sjaarda**
- 198 Maternal Prepregnancy Body Mass Index and Gestational Weight Gain in Relation to Macrosomia: Before and after 2009 Institute of Medicine Guideline  
**Aimin Chen**
- 199 Maternal Occupational Pesticide Exposure and Risk of Cardiovascular Malformations in The National Birth Defects Prevention Study  
**Carissa Rocheleau**
- 200 Do the Causes of Infertility Play a Role in the Etiology of Preterm Birth?  
**Olga Basso**



## RESPIRATORY

- 201-S Shorter Time to First Morning Cigarette (TTFC) Increases Risk of Chronic Obstructive Pulmonary Disease (COPD) among Current Cigarette Smokers  
**KA Guertin**
- 202 Agreement between Asthma Defined from Administrative Healthcare Databases and Self-Reported Asthma in the Province Of Quebec, Canada  
**Marie-Claude Rousseau**
- 203 Association between Bacillus Calmette-Guérin (BCG) Vaccination and Childhood Asthma in the Québec Birth Cohort on Immunity and Health (QBCIH)  
**Mariam El-Zein**
- 204 Vitamin D, Oxidative and Inflammatory Markers, and Respiratory Health: NHANES 2001-2006  
**Michael Hendryx**
- 205 Breastfeeding and Childhood Hospitalizations for Asthma: Evidence from Hong Kong's "Children of 1997" Birth Cohort  
**June Y Y Leung**
- 206-S Early-Life Asthma Classification in an Electronic Medical Record Setting  
**Audrey Flak**
- 207 Tobacco Users with Asthma: Quit Line Data  
**Holly Uphold**

## STATISTICS

- 208-S Association between Longitudinal Changes in Gait Speed and Survival Time in Aging Men: A Joint Longitudinal and Time-To-Event Analysis of Data from The MrOS Study  
**Kyle Hart**
- 209 Pre-Operative Prediction of Surgical Morbidity in Children  
**Jennifer Cooper**
- 210-S Regression Models for a Right-Skewed Outcome Subject to Pooling  
**Emily Mitchell**

## WOMEN'S HEALTH

- 211-S Comparison of Self-Report and Objective Physical Activity Levels in a Cohort of Women with Children  
**Kristi Storti**
- 212 Associations between Adherence to Breastfeeding Recommendations and Maternal Weight 6 Years after Delivery  
**Andrea Sharma**
- 213-S Parental Depression and Hypertensive Disorders of Pregnancy  
**Tuija Männistö**
- 214 Peripartum Depressive Symptoms and Suicidal Ideation among Mothers of Preterm and Term Infants  
**Sixto Sanchez**
- 215-S Age at Menarche and Inflammatory Factor Levels in Young Adulthood  
**Serena C Houghton**
- 216-S Association between Depo Provera Use and Prevalent Fibroids in Young African American Women  
**Quaker E Harmon**
- 217-S Is Body Shape from Adolescence through Adulthood Associated with Endometriosis or Uterine Fibroids?  
**Uba Backonja**
- 218 Patterns of Health Insurance Coverage around the Time of Pregnancy and Associated Characteristics among Women in 29 States  
**Brenda Le**
- 219-S Premenstrual Syndrome and Dysmenorrhea: Symptom Trajectories over 13 Years in Young Adults  
**Hong Ju**
- 220-S Prevalence and Risk Factors of Dysmenorrhea: Concurrence of Results from a Comprehensive Review and Longitudinal Data  
**Hong Ju**
- 221 The Study of Environment, Lifestyle & Fibroids (SELF), an Ultrasound-Based Prospective Study  
**Donna Baird**
- 222 The Use of Pregnancy-Related Data for Predicting Woman's Long-Term Health Prognosis  
**Naoko Sakamoto**
- 223 Outcomes of Chronic Disease Screening and Referral Study among Low Income Women at a Family Planning Clinic  
**Cheryl Robbins**
- 224-S Reliability of Ultrasound Tomography Assessment of Sound Speed as a Surrogate of Breast Density  
**Zeina Khodr**

7:30 – 8:30 pm

**Guided Poster Tours**

Location on Ticket

## WEDNESDAY, JUNE 25, 2014

7:00 – 7:50 am	<b>Breakfast with the Experts</b>	Location on Ticket
8:00 – 9:30 am	<b>Plenary Session 1</b> <b>Session Chair:</b> Sandro Galea  <b>SER President's Address, Germaine Buck Louis</b> <i>Revolutionary Changes in the Design and Conduct of Epidemiologic Research – Are We Ready?</i>  <b>Keynote Address, Cynthia Dwork, Microsoft Research</b> <i>Pleasures, Pressures, and Surprises of Differential Privacy</i>	Grand Ballroom 1 & 2
9:30 – 10:00 am	Break	
10:00 am – 12noon	<b>THEN &amp; NOW: BUILDING ON OUR HISTORY – FORGING OUR LEGACY</b> <b>SESSION CHAIR:</b> Julie Buring  <b>Cancer</b> Scott Davis & Kirsten Moysich <b>Cardiovascular</b> David Siscovick & Cuilin Zhang <b>Perinatal</b> Carol J Rowland Hogue & Suzanne Tough	Fifth Avenue
10:00 – 11:30 am	<b>Concurrent Contributed Sessions 1 (CCS1)</b>  <b>ADVANCING METHODOLOGIC THINKING IN STUDIES ON WOMENS' HEALTH</b> <b>SESSION CHAIR:</b> Marlene Goldman	Vashon
225	Premenstrual Syndrome and Subsequent Hypertension in a Prospective Study <b>Elizabeth Bertone-Johnson</b>	
226	Development and Validation of a 9-Year Mortality Index for Postmenopausal Women 50 and Above <b>Dejana Braithwaite</b>	
227	Mapping the Metabolic Syndrome Components during the Menopausal Transition: A Multi-Ethnic Study <b>Jennifer Lee</b>	
228	Characteristics of Women Who Do Not Seek Healthcare for their Vulvar Pain: Evidence of Selection Bias in Clinic-Based Studies of Hormonal Contraception and Vulvodynia <b>Bernard L Harlow</b>	
229	History of Uterine Leiomyomata and Risk of Endometrial Cancer in Black Women <b>Lauren A Wise</b>	
	<b>ENVIRONMENTAL AND OCCUPATIONAL EPIDEMIOLOGY</b> <b>SESSION CHAIR:</b> Matt Strickland	Grand Crescent
230-S	The Effect of Hurricane Sandy on Cardiovascular Events in New Jersey <b>Joel Swerdel</b>	
231-S	Maternal Exposure to Nitrogen Dioxide, Dietary Intake of Methyl-Nutrients and Congenital Heart Defects in Offspring <b>Jeanette A Stingone</b>	
232-S	Classification and Regression Trees for Epidemiologic Research <b>Katherine Gass</b>	
233-S	Using Boosted Regression Trees in Epidemiologic Modeling: An Example Predicting Incident Cataracts among Medical Radiologic Technologists <b>Craig S Meyer</b>	
	<b>APPLIED METHODS IN INFECTIOUS DISEASE EPIDEMIOLOGY: PROSPECTS AND PRACTICE</b> <b>SESSION CHAIRS:</b> Jeff Martin and Brandon Marshall	Elliott Bay
234-S	A Multilevel Geospatial Analysis of Risk Factors for Lyme Disease <b>Kiersten Kugeler</b>	
235-S	Pre-Diagnostic School-Based Syndromic Surveillance System Early: Detected Cases of Enterovirus- and Influenza-Like Illness in Taipei, Taiwan <b>Ting-Chia Weng</b>	

236-S	Children Partially Immunized at Two Years of Age: Are they Selectively Immunizing or Failing to Complete the Vaccine Series? <b>Shannon MacDonald</b>	
237	African American Race and HIV Virologic Suppression beyond Disparities in Clinic Attendance: A Causal Mediation Analysis Approach <b>Chanelle Howe</b>	
238-S	Estimating the Causal Effect of Prep for HIV-1 Prevention <b>Pamela Murnane</b>	
239-S	Estimating the Association between Duration of Combination Antiretroviral Therapy (Cart) before Delivery and Small for Gestational Age (SGA) among HIV-Infected Zambian Women Eligible for Cart <b>Angela Bengtson</b>	
	<b>CURRENT RESEARCH IN LIFECOURSE EPIDEMIOLOGY: MULTIGENERATIONAL, PRENATAL, AND CHILDHOOD INFLUENCES ON HEALTH</b>	Grand Ballroom 1
	<b>SESSION CHAIR:</b> Kerry Keyes	
240-S	Maternal Age of Menarche and Body Mass Index: Evidence from Hong Kong's "Children of 1997" Birth Cohort <b>Tsz Chun Lai</b>	
241-S	Antibiotic Use in Mid-To-Late Pregnancy and Cesarean Section Delivery Are Associated with Increased Obesity Risk in Offspring at 5 and 7 Years of Age <b>Noel Mueller</b>	
242-S	Lifetime Socioeconomic Position and Cognitive Decline: The ARIC Neurocognitive Study <b>Mehul Patel</b>	
243	The Influence of Early Growth and Socio-Economic Status on Hearing at Age 61-63 Years: Newcastle Thousand Families Study <b>Mark Pearce</b>	
10:00 – 11:30 am	<b>SERDIGITAL AWARD WINNERS</b> <b>SESSION CHAIRS:</b> Abdul El-Sayed and Dana Pasquale	Grand Ballroom 2
E01	Quantifying Lead-Time Bias in Risk-Factor Studies of Cancer through Simulation <b>Rick Jansen</b>	
E02	Synthetic Likelihood Approach for Quantifying Multi-scale Epidemic Processes from Large and Complex Data Sets <b>Corentin Barbu</b>	
E03	Broken Windows by Way of Microsoft Windows: Econometrics and Validity of a Neighborhood Physical Disorder Measure Constructed by Virtual Street Audit <b>Stephen Mooney</b>	
11:30 am – 1:30 pm	Lunch (on your own)	
12:00 – 1:00 pm	<b>Roundtables</b>	Location on Ticket
	<b>Student and PostDoc Career Panel</b>	Grand Ballroom 1
	<b>Meet the Editors (Sponsored by the American Journal of Epidemiology)</b>	Grand Crescent
1:30 – 3:00 pm	<b>Concurrent Contributed Sessions 2 (CCS2)</b> <b>FECUNDABILITY: NOVEL METHODS AND FINDINGS</b> <b>SESSION CHAIR:</b> Lauren Wise	Grand Crescent
244	Immortal Person-Time and Intention to Treat Analysis: Biologic vs. Public Health Effects <b>Sunni Mumford</b>	
245-S	Error in Maternal Recall of Time-To-Pregnancy <b>Rose Radin</b>	
246-S	How Long after Miscarriage Should Women Wait before Trying to Become Pregnant Again? <b>Karen Schliep</b>	
247	Randomized Clinical Trial of Preconception Low Dose Aspirin Use and Pregnancy Rate: The Eager Trial (2006-2012) <b>Enrique Schisterman</b>	
248-S	Adverse Childhood Event Experiences, Menstrual Cycle Characteristics, and Fertility Difficulties <b>Marni Jacobs</b>	

## MODIFIABLE RISK FACTORS FOR BREAST CANCER: STILL SEARCHING

Fifth Avenue

SESSION CHAIRS: Thomas Ahern and Julie Palmer

- 249 Early Gynecologic Surgery and Breast Cancer Risk among Black and White Women in the U.S. South  
**Whitney Robinson**
- 250-S The Interaction between Early-Life Body Size and Physical Activity on the Risk of Breast Cancer  
**Hannah Oh**
- 251 Vitamin D and Incidence of Breast Cancer in African American Women  
**Julie R Palmer**
- 252-S Indoor Air Pollution Exposure from Use of Indoor Stoves and Fireplaces in Association with Breast Cancer  
**Alexandra J White**
- 253-S Urinary Bisphenol A-Glucuronide and Postmenopausal Breast Cancer in The Polish Breast Cancer Study  
**Britton Trabert**

## APPLICATIONS OF QUASI-EXPERIMENTAL TOOLS TO ADDRESS CONFOUNDING AND MISSING DATA

Grand Ballroom 1

SESSION CHAIRS: Maria Glymour and Sarah Taubman

- 254 The Short-Term Impacts of Earned Income Tax Credit Disbursement on Health  
**David Rehkopf**
- 255-S The Impact of Publicly Funded, School-Based Human Papillomavirus (HPV) Vaccination on Cervical Dysplasia and Anogenital Warts: A Study Using the Regression Discontinuity Design  
**Leah Smith**
- 256 Adjustment for Non-Ignorable HIV Testing Refusal in Zambia: An Instrumental Variable Framework  
**Kathleen Wirth**
- 257-S Review of Partial and Point Identification Results Using Instrumental Variable Type Assumptions  
**Sonja Swanson**

## UNDERSTANDING THE ROLE OF SOCIAL CONTEXT IN POPULATION HEALTH: NOVEL FOCI AND INNOVATIVE APPROACHES

Grand Ballroom 2

SESSION CHAIRS: Sam Harper and Abdul El-Sayed

- 258 Changing Residence during Pregnancy: Implications for Studies of Geographically-Based Exposures  
**Michelle Pearl**
- 259-S Diet Cost and Risk of Cardiovascular Disease: Does Diet Cost Mediate the Association between Socioeconomic Status and Cardiovascular Disease Risk?  
**Colin D Rehm**
- 260 Intervening on Neighborhoods to Reduce Alcohol-Related Homicide: Simulating In-Silico Counterfactuals  
**Magdalena Cerdá**
- 261-S Neighborhood Ethnic Composition and Change in Body Mass Index over Time among Hispanic and Chinese Immigrants: Multi-Ethnic Study of Atherosclerosis  
**Félice Lê-Scherban**

## LIFESTYLE, CENTRAL ADIPOSITY, AND DIABETES RISK

Vashon

SESSION CHAIRS: Kiarri Kershaw and Anjum Hajat

- 262-S Social Mobility and Adiposity in a Recently Transitioned Population of Hong Kong: Evidence from The FAMILY Cohort  
**Sushma Kavikondala**
- 263 Obesity, Nutrition, Lifestyle, and Diabetes Incidence in Different Ethnic Groups: The Multiethnic Cohort  
**Gertraud Maskarinec**
- 264-S Adherence to Healthy Lifestyle and the Risk of Gestational Diabetes  
**Cuilin Zhang**
- 265 Education and Nativity: Lifecourse Origins of Type-2 Diabetes and Metabolic Syndrome  
**Adina Zeki Al hazzouri**

## LATEBREAKER SESSION

Elliott Bay

SESSION CHAIR: Polly Marchbanks

- L01 Is Social Mobility across the Life-course Associated with Low Birthweight? The Life-Course Influences on Fetal Environment (LIFE) Study  
**Theresa Osypuk**
- L02 Diabetes and Mammographic Breast Density among White and Black Women  
**Maureen Sanderson**

L03	Black Carbon Exposure is Associated with Higher Rates of Bone Loss in Men <b>Diddier Prada</b>	
L04	Medications as a Source of Paraben Exposure in Women and Men of Reproductive Age <b>Laura Dodge</b>	
L05	Health Characteristics of Caregivers <b>Elena Andresen</b>	
L06	Changes in Fat Mass, Lean Mass and Muscle Strength with Aging: Do Racial/Ethnic Differences Exist? <b>Benedetta Bartali</b>	
L07	Preventing Loss of Independence through Exercise (PLIE): A Novel Integrative Exercise Program for Individuals with Dementia <b>Deborah Barnes</b>	
L08	How Does a Multifaceted Quality Improvement Project Affect Health Worker Job Satisfaction? A Longitudinal Survey of Health Workers in 24 Primary Care Clinics in Rural Tanzania <b>Elysia Larson</b>	
3:00 – 3:30 pm	Break	
3:30 – 5:00 pm	<b>Symposia 1</b>	
266	<b>RECENT DEVELOPMENTS IN CAUSAL MEDIATION ANALYSIS</b> SESSION CHAIR: Arijit Nandi	Grand Ballroom 2
	Introduction <b>Jay Kaufman</b> Mediation Analysis with Multiple Mediators <b>Stijn Vansteelandt</b> Mediation Analysis with Multiple Mediators: An Application to the Study of Adolescent Eating Disorders <b>Bianca De Stavola</b> Unmeasured Confounding and Measurement Error in Mediation Analysis <b>Saskia Le Cessia</b> A Unification of Mediation and Interaction: A Four-way Decomposition <b>Tyler VanderWeele</b>	
267	<b>THE ROLE OF EPIDEMIOLOGY IN TOBACCO CONTROL AND PRODUCT REGULATION: LOCAL, NATIONAL, AND INTERNATIONAL PERSPECTIVES</b> SESSION CHAIR: Benjamin Apelberg	Vashon
	Using Epidemiologic Methods to Guide and Evaluate Comprehensive Tobacco Control in New York City <b>Michael Johns</b> The Use of Epidemiology to Inform FDA Tobacco Product Regulation <b>Benjamin Apelberg</b>	
054-S	Trends in Tobacco Smoking Cessation in High Income Countries, 1985-2010 <b>David Phillips</b>	
268	<b>DATA SHARING: WHY WE HATE IT, WHY WE NEED IT, AND WAYS TO GET THERE</b> (sponsored by <i>EPIDEMIOLOGY</i> ) SESSION CHAIR: Allen Wilcox	
	The Right of Data Sharing <b>Charlie Poole</b> Data Sharing: Risks and Pitfalls <b>Dale S. Miller</b> Data Sharing: Making it Work <b>Catherine Metayer</b> Changing the Culture: A New Policy at EPIDEMIOLOGY <b>Allen Wilcox</b>	
269	<b>CHALLENGES IN MEASURING FERTILITY POTENTIAL, ITS TEMPORAL AND GEOGRAPHIC VARIATION AND IMPLICATIONS FOR ADULT HEALTH</b> SESSION CHAIRS: Shanna Swan and Niels Erik Skakkebaek	Grand Crescent
	Impaired Male Fertility; Determinants, Trends and Implications for Adult Health <b>Niels Erik Skakkebaek</b>	

The "Current Duration" Approach to Characterizing Human Fecundity: Its Sensitivity to Environmental Exposures and a Comparison with Other Study Designs

**Remy Slama**

Do Environmental Factors Impact IVF Outcomes?

**Shelley Ehrlich**

ART as an Important Part of the Solution to the Demographic Demise in Europe

**Søren Ziebe**

270

**WHAT DO WE KNOW AND HOW DO WE KNOW IT?**

Grand Ballroom 1

SESSION CHAIR: George Kaplan

Adventures in Misdirection: What We Think We Know, and Why We Think We Know it

**Sandro Galea**

Revisiting the Mechanistic Model of Noncommunicable Disease

**Robert Kaplan**

Expanding the Toolbox for Inference: Will Quasi-Experimental Approaches Help?

**Maria Glymour**

Discussant

**George Kaplan**

271

**OPPORTUNITIES FOR HUMAN MICROBIOME RESEARCH IN EPIDEMIOLOGICAL STUDIES**

Fifth Avenue

SESSION CHAIR: Ryan Demmer and Allison Aiello

Generating Microbiomic Data and a Vignette from Research Regarding Interactions between the Gut Microbiome and Human Nutrition

**Meredith Hullar**

Analytical Approaches for Microbiomic Data and a Vignette from Gut Microbiome Research

**Antonio González Peña**

Implications for Microbiome Research in Epidemiology and Future Directions

**Levi Waldron**

5:00 – 6:30 pm

**Poster Session 2**

Grand Ballroom 3

**AGING**

272

Arthritis, Chronic Inflammation and Physical Functioning in the Third National Health and Nutrition Examination Survey

**Hind Beydoun**

273-S

Early Childhood Adversity and Immune Response in Whitehall II

**Jennifer Brite**

274-S

Herpesviruses, Inflammation, and Leukocyte Telomere Length in the Whitehall II Heart Scan Study

**Bamini Jayabalasingham**

275

Gardening for Health: Investigating the Relationship between Types of Physical Activity and Depression among Older Adults

**Spruha Joshi**

276

Poor Mental Health Impacts Member Experiences and Satisfaction

**Timothy Wells**

277-S

Assessing the Agreement between 3-Meter and 6-Meter Walk Tests in 136 Community-Dwelling Older Adults

**Jennifer Lyons**

278-S

Mediators of the Causal Pathway to Mortality in Older Adults Who Use Antipsychotics

**John Jackson**

279

Ratings of Occupational Cognitive Activity are Associated with Cognitive Functioning among College Educated Older Adults

**Cyrus M Kosar**

280

Dietary Antioxidant Intake and its Association with Cognitive Function in an Ethnically Diverse Sample of US Adults

**May Beydoun**

281-S

Contributions of Sleep Duration and Sleep Quality to Body Composition among Older Adults from Six Middle-Income Countries: Results from the Study on Global Ageing and Adult Health (SAGE)

**Theresa Gildner**

282-S

Withdrawn

283-S

The Study on Global Ageing and Adult Health (SAGE): Global Trends in Obesity among Older Adults in Low- and Middle-Income Countries

**Melissa A Liebert**

- 284-S The Effects of Childhood IQ and Occupational Profile on the Triad of Impairment in Late-Life: A Study of the Aberdeen Birth Cohort of 1936 (ABC1936)  
**Dorota Chapko**
- 285-S Self-Rated Health and Mortality in a Prospective Chinese Elderly Cohort Study in Hong Kong  
**Chen Shen**
- 286 Association of Serum Uric Acid with Cognitive Decline and Dementia Hospitalization: The ARIC Study  
**Alvaro Alonso**
- CANCER**
- 287 Residential Racial Segregation and Mortality among African American, White, and Hispanic Urban Breast Cancer Patients in Texas, 1995-2009  
**Sandi Pruitt**
- 288-S Statin Use and Risk of Prostate Cancer in the Southern Community Cohort Study  
**Elizabeth D Kantor**
- 289-S Prenatal and First Year of Life Pesticide Exposures and Acute Lymphoblastic Leukemia in Children – A California Statewide Case-Control Study  
**Andrew Park**
- 290-S Relationship between Ambient Ultraviolet Radiation and Non-Hodgkin Lymphoma Histologic Subtypes: A U.S. Population-Based Study of Racial and Ethnic Groups  
**Elizabeth Cahoon**
- 291-S Sunlight Exposure and Prostate Cancer Risk: A Case-Control Study in Montreal, Canada  
**Jennifer Yu**
- 292 Gene-Gene and Gene-Environment Interactions in the Association between Alcohol Drinking, Oral Hygiene, and Risk of Head and Neck Cancer  
**Jeffrey Chang**
- 293-S Genetic Susceptibility to Head and Neck Cancers in a Sample of Indians and Canadians  
**Akhil Soman Thekke Purakkal**
- 294-S Genome-Wide Analysis of Gene-Folate and Gene-Folic Acid Interactions for Colorectal Cancer Risk  
**Mengmeng Du**
- 295 Genomic Sequencing for Tailoring Chemotherapy  
**Karolina Michniewicz**
- 296-S Integrative Post Genome-Wide Association Analysis of CDKN2A and TP53 SNPs and Risk of Esophageal Adenocarcinoma  
**Matthew Buas**
- 297-S Single Nucleotide Polymorphisms in Base Excision Repair Pathway Genes and Association with Breast Cancer and Breast Cancer Subtypes among African Americans and Whites  
**Leila Family**
- 298-S Excess Risk of Rectal Squamous Cell Carcinomas in HIV-Infected Individuals  
**Anna Coghil**
- 299 Comparative Effectiveness of Contemporary Adjuvant Chemotherapy Approaches among Older Rectal Cancer Patients  
**Jennifer Lund**
- 300-S Duodenal Ulcer and Subsequent Risk of Gastrointestinal Cancer: A Nationwide Cohort Study  
**Kirstine Sjøgaard**
- 301-S Hormone Replacement Therapy and Young-Onset Breast Cancer  
**Katie M O'Brien**
- 302 Primary Breast Tumor Expression of P21-Activated Kinase 1 (Pak1), Adjuvant Tamoxifen Therapy, and Recurrence Risk in a Prospective Danish Population-Based Study  
**Thomas Ahern**
- 303 Are Vegetarians Protected against Prostate Cancer?  
**Yessenia Tantamango-Bartley**
- 304-S Dietary Supplement Use and Cancer Mortality: A Prospective Cohort Analysis of the Third National Health and Nutritional Examination Survey (NHANES III)  
**Tala HI Fakhouri**
- 305-S No Association of Circulating 25-Hydroxyvitamin D Levels with Total and Site-Specific Cancer Incidence: Results from The CHANCES Consortium  
**José Manuel Ordóñez-Mena**
- 306-S Physical Activity and Survival among Men Diagnosed with Prostate Cancer  
**Stephanie E Bonn**
- 307-S Polyunsaturated Fatty Acids, Genetic Susceptibility, and Breast Cancer Incidence  
**Nikhil Khankari**
- 308-S Premenopausal Plasma Carotenoids and Fluorescent Oxidation Products and Subsequent Breast Cancer Risk in The Nurses' Health Studies  
**Julia Sisti**
- 309-S Role of Soy and Green Tea on Ovarian Cancer Risk among Singaporean Chinese Women  
**Lorena Canales**

## CARDIOVASCULAR

- 310-S A 35-Year Perspective (1975-2009) into the Long-Term Prognosis of Patients Hospitalized with a First Acute Myocardial Infarction  
**Han-Yang Chen**
- 311-S Association between Telomere Length, Inflammation and Cardiovascular Risk  
**Liya Lu**
- 312 Withdrawn
- 313 Psychometric Evaluation of the Chinese Version of the Morisky Medication Adherence Scale: Evidence from the FAMILY Cohort  
**Michael Y Ni**
- 314-S Effects of Cardiorespiratory Fitness on Blood Pressure Trajectory with Aging in a Cohort of Healthy Men  
**Junxiu Liu**
- 315 Raynaud Phenomenon and Mortality: Results after 20+ Years of Follow-Up in The Charleston Heart Study  
**P Nietert**
- 316-S Withdrawn
- 317-S Autonomy Support, Motivation and Adherence to Cardiac Rehabilitation  
**Yacob Tedla**
- 318-S The Association between Upper Leg Length-To-Height Ratio and Metabolic Syndrome among Middle-Aged USA Adults – Results from the NHANES 2009-2010  
**Mike Pryzbek**
- 319-S Work Economic Sectors and Cardiovascular Risk Factors: Cross-Sectional Analysis Based on the RECORD Study  
**Antoine Lewin**
- 320-S Association between Arsenic Exposure from Drinking Water or Urine and Blood Pressure Change: Result from the Health Effects of Arsenic Longitudinal Study  
**Jieying Jiang**
- 321-S Association of Major Dietary Patterns and Blood Pressure Longitudinal Change in Bangladesh  
**Jieying Jiang**
- 322-S Interaction between Arsenic Exposure from Drinking Water and Genetic Susceptibility in Cardiovascular Disease Risk and Carotid Artery Intima-Media Thickness in Bangladesh  
**Fen Wu**
- 323-S Hypertension -The Hidden and the Untamed Beast: Preliminary Findings from the Dhulikhel Heart Study, Nepal  
**Biraj Karmacharya**
- 324 Multilevel Determinants of Venous Thromboembolism among Hospitalizations of US Adults  
**James Tsai**
- 325-S The Change of Economic Burden on Acute Myocardial Infarction in South Korea from 2008 to 2011  
**Eun Jung Kim**
- 326-S Withdrawn
- 327-S Serum Uric Acid is Associated to High Pulse Wave Velocity in Women but Not in Men. The Brazilian Longitudinal Study of Adult Health (ELSA-Brasil)  
**Cristina Baena**
- 328-S The Association of Education and Obesity Status as Determinants of Pulse Pressure in Diabetic and Non-Diabetic US Populations- Results from 2009-2010 NHANES Survey  
**Harish Aggarwal**

## ENVIRONMENTAL

- 329-S The Effect of Extreme Heat on Mental Health – Evidence from Australia  
**Ning Ding**
- 330 Collecting and Pooling Repeated Biological Samples to Limit Bias and Optimize Power in Biomarker-Based Epidemiological Studies - A Simulation Study Applied to Short Half-Life Chemicals  
**Remy Slama**
- 331-S Chronic Exposure to Organophosphate Pesticides and its Effect on Ivorian Schoolchildren Abilities in Rey-Osterrieth Complex Figure  
**Pacôme Kouadio N'go**
- 332 Early Life Bisphenol A Exposure and Child Body-Mass Index: A Prospective Cohort Study  
**Joseph Braun**
- 333-S Using a Novel Environmental Quality Measure to Understand Population-Level Physical Inactivity  
**Christine Gray**
- 334 Maternal Residential Proximity to Chlorinated Solvent Emissions and Birth Defects in Offspring  
**Jean Brender**
- 335-S Maternal Serum Concentration of Persistent Organochlorine Pollutants (Pops) in Pregnancy and Biomarkers of Allergic Airway Disease in the Offspring: Results from 20 Years Follow-Up  
**Susanne Hansen**
- 336-S The Effects of Air Pollution on Adverse Birth Outcomes  
**Sandie Ha**



- 337 Environmental Phenols and Reproductive Hormones in Premenopausal Women  
**Anna Pollack**
- 338-S Hair Mercury and Clinical Outcomes among Women Undergoing In Vitro Fertilization  
**Myriam Afeiche**
- 339-S Phthalate Exposure and Age at Menarche in US Girls  
**Taara Bhat**
- 340-S Residential Proximity to Agricultural Pesticides and Risk of Cardiac Birth Defects  
**Kristen M Rappazzo**
- 341 Trimester Specific PM2.5 Exposure and Fetal Growth in Ohio, 2007-2010  
**Aimin Chen**
- 342-S Risk of Chronic Obstructive Pulmonary Disease (COPD) Due to Biomass Fuels among Women in Kurram Agency, Federally Administered Tribal Area (FATA): A Case-Control Study  
**Mehreen Mujtaba**
- 343-S Olfactory Perception and Fragranced Product Use in a Sample of Twins  
**Matthew O Gribble**
- 344-S Objective Measurement of Erythematous Ultraviolet B Radiation (UVB) from 1979-2009 and Implications for Exposure Assessment  
**Marvin Langston**

## GENETICS

- 345 A Systematic Appraisal of Field Synopses in Genetic Epidemiology  
**Orestis Panagiotou**
- 346-S Clinical and Genetic Associations with Cognitive Impairment Assessed Using TICS-M in Multiple Sclerosis  
**Michaela George**
- 347-S Race Versus Ancestry: Does Socially or Genetically Defined Race Predict Dementia Risk in Older Americans?  
**Jessica R Marden**
- 348-S Using an Alzheimer's Disease Polygenic Risk Score to Predict Memory Decline  
**Jessica R Marden**
- 349-S A Trans-Ethnic, Genome-Wide Association Study of Ventricular and Supraventricular Ectopy  
**Melanie D Napier**
- 350 Admixture Mapping of Type 2 Diabetes in African American Women  
**Edward A Ruiz-Narvaez**
- 351 Epigenome-Wide Study Identifies Novel Methylation Loci Associated with Plasma Adiponectin  
**Stella Aslibekyan**
- 352 Genetically Predicted 17 $\beta$ -Estradiol and Systemic Inflammation in Women: A Separate-Sample Mendelian Randomization Analysis in the Guangzhou Biobank Cohort Study  
**C Mary Schooling**
- 353 An Epidemiologic Insight from the Twin and Family Studies: Health Effects of Kimchi Eating Trial and Salt Intake and Habits as an Example  
**Joohon Sung**
- 354-S Body Size and Obesity Gene Variation Contribute to Multiple Sclerosis Susceptibility  
**Milena Gianfrancesco**
- 355-S Modification of Genetic Susceptibility to Increased Body Mass by Measures of Acculturation among United States Hispanic/Latinos: The Population Architecture Using Genomics and Epidemiology Consortium  
**Lindsay Fernández-Rhodes**
- 356-S Obesity-Related Genetic Variants are Associated with Age at Menarche in the Multiethnic National Longitudinal Study of Adolescent Health  
**Angela Liu**
- 357 Genome Wide Association Study of Urgency Urinary Incontinence  
**Nedra Whitehead**

## HIV/STI

- 358-S Impact of Prosecution for Non-Disclosure of HIV Status on Attitudes and Behaviour among HIV-Positive Men who Have Sex with Men (MSM) in Toronto, Canada  
**Maya A Kesler**
- 359 The Consequences of Methodology Changes to National Surveys on Monitoring HIV Testing Trends in the United States  
**Michelle Van Handel**
- 360 Use of P-Technique to Examine the Dynamic Relationship among STD-Associated Feelings and Perceptions in a Cohort of Adolescent Females  
**Pamela Matson**
- 361-S Survival by Race/Ethnicity and Sex among Treated, HIV-Infected Adults  
**Catherine Lesko**
- 362-S The Effect of Providing Combination Antiretroviral Therapy to HIV-Infected Mothers on Loss to Follow-Up among their HIV-Exposed Infants in Kinshasa, Democratic Republic of Congo  
**Lydia Feinstein**

- 363-S The Interplay of Own and Partner's Education on HIV Risk in Sub-Saharan Africa  
**Guy Harling**
- 364-S Impact of a Routine, Opt-Out HIV Testing Program on Risk of Progression to AIDS among New HIV Diagnoses in North Carolina Sexually Transmitted Disease Clinics  
**Pamela Klein**
- 365-S Risk Compensation following Sexually Transmitted Infections Prevention Interventions: A Systematic Review  
**Dudith Pierre-Victor**
- 366-S Sexual Partnership Duration, Gaps, and Overlaps among Young South African Women: Key Measurement Challenges  
**Nadia Nguyen**
- 367-S Depressive Symptoms, HIV Medication Adherence, and HIV Clinical Outcomes in Tanzania  
**Nadya M Belenky**
- 368 When to Switch Antiretroviral Therapy following Virologic Failure on a First-Line Regimen  
**Lauren Cain**
- 369 Low Rates of HIV Testing among a Medicaid Population: Data from a Medicaid Claims Database – 2010  
**Patricia Dietz**
- 370-S Adolescent and Young Adult Marijuana Use and Sexually Transmitted Infections: Peer Drug and Alcohol Norms Mediate the Association between Neighborhood Drug Norms and Marijuana Use  
**Kathryn Leifheit**

## HEALTH SERVICES

- 371-S Factors Associated with High Hospital Resource Utilization in a Population-Based Study of Children with Orofacial Clefts  
**Hilda Razzaghi**
- 372-S Rural Residence, Dual System Use, and Chronic Wound Outcomes  
**Erin Bouldin**
- 373-S Explaining High Mastectomy Rates in Alberta by Surgeons' Patient Volumes and Residual Surgeon-Specific Variations: A Population-Based Health Services Research Using Empirical Bayes Estimation  
**Stacey Fisher**
- 374-S Validation of Administrative Coding for Neutropenia in the First Cycle of Chemotherapy: Electronic Laboratory Data Indicated Higher Incidence in Veterans with Lung Cancer  
**Sarah Knerr**
- 375-S Access to Oncology Specialist Consultation in Patients Who Died from Cancer in Northeastern Ontario, Canada  
**Michael Conlon**
- 376-S Adolescent Pertussis Vaccination Coverage: Age and Period Effects, 2008-2011  
**Britt Livak**
- 377-S Trend of Quadrivalent Human Papillomavirus Vaccine (HPV4) Initiation and Completion in Adolescent Males in a Managed Care Organization  
**Rulin Hechter**
- 378 Can Administrative Data Accurately Identify Comorbidities in Non-Elderly Populations?  
**Katelin B Nickel**
- 379-S Discharge against Medical Advice in the United States 2003-2010: Spatial and Temporal Descriptives  
**Jashvant Poeran**
- 380 The Size of Unnecessary Hospital Utilization of Patients with Single Chronic Disease without Complications in Korea: Focusing on Hypertension, Diabetes, and Hyperlipidemia  
**Jin Yong Lee**
- 381-S Cervical Cancer Screening Patterns in the Johns Hopkins Hospital System  
**Michelle Silver**
- 382 Prescription Medication Use in a Nationally Representative Sample of Young U.S. Adults  
**Quynh C Nguyen**

## INJURIES

- 383-S Anterior Cruciate Ligament Injuries and Ground Reaction Forces  
**Rebecca Yau**
- 384-S Diabetes and Risk of Hospitalized Fall Injury among Older Adults  
**Rebecca Yau**
- 385 Children Hospitalized for Traumatic Brain Injuries: Does Mechanism of Injury Matter?  
**Rennie Ferguson**
- 386-S Risk of Injury According to Having Attention Deficit Hyperactivity Disorder and Comorbid Mental Illness  
**Chella Palmer**
- 387-S Age, Period and Cohort Effects on Suicide Rates among Elders in South Korea  
**Dohee Lim**
- 388-S Children and Youth with Traumatic Brain Injury: A Comparison of Case Definitions  
**Vincy Chan**
- 389 Management and Outcomes of Pediatric Motor Vehicle Collision Injuries Treated at Level I Trauma Centers: Analysis of The National Trauma Data Bank  
**Jill Dreyfus**

- 390 Longer-Term Effects of New Jersey's Graduated Driver Licensing Decal Provision on Young Learner and Intermediate Drivers' Crash Rates  
**Allison E Curry**
- 391 State-Specific and Racial/Ethnic Heterogeneity in Trends of Firearm Fatality Rates in the United States  
**Bindu Kalesan**
- 392-S The Association between Hormonal Contraceptive Use and Anterior Cruciate Ligament Injury among Active Duty Army Servicewomen  
**Melanie Hosker**

## **MEN'S HEALTH**

- 393-S Issues with Androgen Measurement Using NHANES III  
**Lin Xu**
- 394 Androgen Activity and Cardiac Function among Men in NHANES III  
**Levi Waldron**
- 395 Social Network Influences on Disclosure of Suicide Ideation in Adolescents with Self-Harm Acts: A Taiwanese Self-Report High School Survey  
**Chia-Yi Wu**
- 396 Associations between Testosterone, Follicle Stimulating Hormone and Sperm Quality Parameters in Men from Child Health and Development Studies  
**Beverly Insel**
- 397-S The Relationship between Allostatic Load and Semen Quality in a Follow-Up of 181 Male Participants from the Child Health and Development Studies  
**Linda Kahn**

## **MENTAL HEALTH**

- 398-S Gender and Position of Authority and the Risk of Depression and Post-Traumatic Stress Disorder among a Representative Sample of U.S. Reserve Component Personnel  
**Gregory Cohen**
- 399-S Is Insomnia Associated with Deficits in Neuropsychological Functioning? Evidence from a Population-Based Study  
**Sidra Goldman-Mellor**
- 400 Modeling the Trajectories of Psychopathology over Time among Military Populations: The Potential Impact of Alcohol Misuse  
**Laura Sampson**
- 401 Postpartum Depression in Women with No Prior Psychiatric History: Risk, Duration of Treatment, and Recurrence Risk  
**Jan Wohlfahrt**
- 402 Posttraumatic Stress Disorder, Depression, and Intentional Self-Harm in Massachusetts Veterans  
**Jaimie Gradus**
- 403 Social Determinants of Emotional Well-Being in New Refugees in the UK  
**Mark Pearce**
- 404 In-Hospital Use of Antidepressant Medications in Critically Ill Trauma Patients  
**Hayden Smith**
- 405-S Short Inter-Pregnancy Intervals and Risk of Autism Spectrum Disorders  
**Ousseny Zerbo**
- 406-S Smoking and Perceived Stress in Relation to Short Salivary Telomere Length among Caregivers of Children with Disabilities  
**Xiaoli Chen**
- 407 Experience of the Deepwater Horizon Oil Spill and Mental Health in Pregnant and Reproductive-Aged Women  
**Emily W Harville**
- 408 Eating Attitudes and Behaviors and Cardiometabolic Risk Profile in Pre-Adolescence  
**Seungmi Yang**
- 409 Evaluating Universal Education and Screening for Postpartum Depression Using Population-Based Data, New Jersey, 2009-2010  
**Sherry Farr**
- 410 Withdrawn

## **METHODS**

- 411 Application of the World Health Organization (WHO) International Classification of Functioning, Disability and Health (ICF) to Individuals with Duchenne/Becker Muscular Dystrophies: The Muscular Dystrophy Surveillance, Tracking, and Research Network (MD Starnet)  
**Kristin Caspers Conway**
- 412-S When Does Adjustment for Predictors of Exposure Misclassification Increase Bias? A Simulation Study  
**Samantha E Parker**
- 413-S Induction and Impact of Non-Differential Measurement Error through Use of Regression Calibration: Illustration in a Real-Data Example of Risk Factors for White Matter Hyperintensity Progression  
**Melinda C Power**

- 414 Identifying Conditions Associated with Being Highly Imaged from Computed Tomography (CT)  
**Leslie D McIntosh**
- 415-S Whose Burden? Synthesizing Evidence from Diverse Perspectives for a Comprehensive Description of Disease Burden  
**Arianna Wayne**
- 416-S Withdrawn
- 417 Assessing Positivity in Environmental Epidemiology: Applications to Multi-Pollutant Modeling  
**Jonathan M Snowden**
- 418-S Principle Component Analysis with Incomplete Data: A Simulation of R pcaMethods Package in Constructing an Environmental Quality Index with Missing Data  
**Shannon Grabich**
- 419-S Withdrawn
- 420-S Using Routine Health Information Systems for Well-Designed Health Evaluations in Low-And Middle-Income Countries  
**Bradley Wagenaar**
- 421-S Accounting for Measurement Error in Marginal Structural Models: Joint Effects of Smoking and Antiretroviral Therapy  
**Jessie K Edwards**
- 422-S Monte Carlo Sensitivity Analysis to Correct for Exposure Misclassification: The Example of Hazardous Drinking and Progression to Liver Fibrosis in the Canadian Co-Infection Cohort Study  
**Laurence Brunet**
- 423-S A Regression-Based Approach for Adjusting for Comorbid Conditions in the Estimation of United States Disease Expenditure, 1996-2010  
**Jonathan Joseph**
- 424-S Assessing Health System Productivity by Disease and Injury, Age, and Sex for the United States, 1996-2010  
**Ranju Baral**
- 425-S Considerations for Estimating Disease Prevalence with Administrative Claims Data  
**Elizabeth T Jensen**
- 426 CUSUM and Funnel Plot for the Evaluation of Clinical Performance in Heart Transplant in France  
**Nasser Hawajri**
- 427-S Estimating Health Expenditure by Disease and Injury, Age, and Sex, for the United States, 1996-2010  
**Anthony Bui**
- 428 Using Qualitative Methods to Inform Confounding: An Example in Breast Imaging  
**Karen Wernli**
- 429-S Use of Cervical Pessaries to Prevent Preterm Delivery among Twin Gestations: Preliminary Studies for A Priori Sub-Group Analysis Targeting Precocious Cervical Ripening in a Prospective Meta-Analysis  
**Qing Li**
- 430 Mediation Misgivings: Ambiguous Clinical and Public Health Interpretations of Natural Direct and Indirect Effects  
**Ashley Naimi**
- 431-S Generalized Estimating Equations or Hierarchical Models: When and Why?  
**Shabbar Ranapurwala**

## PERINATAL/PEDIATRIC

- 432-S Exposure to Polycyclic Aromatic Hydrocarbons during Pregnancy and Preterm Birth  
**Amy Padula**
- 433-S Maternal Urinary Bisphenol A during Pregnancy and Maternal and Neonatal Thyroid Hormone Concentrations  
**Megan E Romano**
- 434-S Prenatal Exposure to Heavy Metals and Perfluoroalkylacids and Cord Blood Levels of Immune System Biomarkers  
**Jillian Ashley-Martin**
- 435-S Prenatal Exposure to Perfluorinated Chemicals and Risk of Congenital Cerebral Palsy in Children  
**Zeyan Liew**
- 436-S Labor Induction and Cesarean Delivery: Implications in the Choice of Comparison Group  
**Valery Danilack**
- 437-S Prenatal Phthalate Exposure and Fat Mass in Childhood: Examining the Obesogen Hypothesis  
**Jessie Buckley**
- 438 Small for Gestational Age Infants Born to Asthmatic Mothers in Association with First Trimester Air Pollution  
**Pauline Mendola**
- 439-S Cord Blood Leptin Methylation Is Associated with the Risk of Macrosomia: A Case-Control Study  
**Zi-Wei Liu**
- 440-S Infant Sex-Specific Placental Cadmium and DNA Methylation Associations: The Omega Study  
**April Mohanty**
- 441 Premasticated Food and Infant Weaning Practices in a Setting of High HIV Burden  
**Sufia Dadabhai**
- 442-S Risk Factors for Hypertensive Disorders of Pregnancy among HIV-Negative Tanzanian Women  
**Ellen O'Neal**

- 443-S Evaluating the Indirect Effects of Maternal HIV Status on Birth Outcomes with Exposure to HAART as Mediator: A New Counterfactual Approach  
**Kelesitse Phiri**
- 444 The Clinician’s Perspective: Decision-Making Following Suspicion or Diagnosis of a Severe Congenital Anomaly  
**Lucy Smith**
- 445-S Hospital Readmissions with Endometritis in California 2004-2010  
**Kerry Bommarito**
- 446 Comparative Safety of Buprenorphine vs. Methadone in Pregnancy: Systematic Review and Meta-Analysis  
**Susan Brogly**
- 447-S Social-Behavioral Cue Assessment in Child Abuse Evaluations  
**Crystal Silva**
- 448-S Suspected Non-Accidental Trauma in Pediatrics: Young Children with Suspicious Injury Warrant Further Examination  
**Rebecca Ragar**
- 449-S Child and Adolescent Psychiatric Disorders as a Risk Factor for Schizophrenia: A Nationwide Population-Based Study  
**I-Ning Tsai**
- 450-S Maternal Migration Status and Childhood Psychological Health: Evidence from Hong Kong’s “Children of 1997” Birth Cohort  
**Cherry Leung**
- 451 Neurobehavioral Scores at 5 Weeks in Relation to Autistic Traits at 4 and 5 Years  
**Katherine Bowers**
- 452-S Predictive Validities of Minor Physical Anomalies in Adolescents with Risk Behaviors  
**Shu-Ting Gan**
- 453-S School Start Time and Sleep Patterns among U.S. Adolescents: Results from The National Comorbidity Survey – Adolescent Supplement  
**Diana Paksarian**
- 454 A Life-Table Analysis to Explore Factors Associated with Selective Study Participation in the National Birth Cohort in Japan  
**Kohta Suzuki**
- 455 Mind Your Data Source: Pregnancy Complications Differ by Source  
**Candace Robledo**
- 456 Parent Marital Status and Other Measures of Family Composition: What Works Best as a Covariate in Pediatric Research?  
**Michelle Garrison**
- 457-S Placental Weight and Small for Gestational Age: A Within-Siblings Fixed-Effect Variance Component Analysis  
**Miguel Angel Luque-Fernandez**
- 458 A Task-Based Assessment of Parental Occupational Exposure to Organic Solvents and Other Compounds and Risk of Acute Lymphoblastic Leukemia in the Offspring  
**Alice Y Kang**
- SOCIAL**
- 459-S Differential Item Functioning of the Everyday Discrimination Scale by Age across Five Racial Groups  
**Sherry Owens**
- 460-S Disrespect and Abuse during Childbirth as a Social Determinant of Health Care Utilization  
**Stephanie Kujawski**
- 461-S Longitudinal Neighborhood Characteristics and Incident Hypertension  
**Paulina Kaiser**
- 462 Associations between Neighbourhood Typology Based on Features of the Built Environment and Sedentary Time in Youth  
**Tracie A Barnett**
- 463-S Religious Service Attendance and All-Cause Mortality: A Mediation Analysis  
**Shanshan Li**
- 464-S Longitudinal Relationships between Neighborhood Physical Environments and Incident Type 2 Diabetes Mellitus  
**Paul Christine**
- 465 Does Seatbelt Use Explain Socioeconomic Differences in Traffic Accident Mortality?  
**Sam Harper**
- 466 Joint Effect of Neighborhood Context and Individual Social Integration on Mortality Risk: An Analysis of the Third National Health and Nutrition Examination Survey (NHANES III)  
**Andrea Fleisch Marcus**
- 467 Genetic and Social Endowments for the Age of Retirement as Contributors to Intergenerational Health Inequality  
**David Rehkopf**
- 468 Chronic Financial Hardship and Cognitive Performance in Midlife in a Biracial Cohort  
**Adina Zeki Al hazzouri**
- 469-S The Effect of Cognitive Social Capital on Common Mental Disorder in Taiwan  
**Yun-Hsuan Wu**

- 470-S Estimating the Impact of Racial Residential Segregation on Birth Weight: An Instrumental Variables Approach  
**Nichole Austin**
- 471-S Selecting Comparable Neighborhoods across Cities: The Median Neighborhood Index  
**Usama Bilal**
- 472-S Economic Crises and Ischemic Heart Disease Mortality in Europe: Effect Heterogeneity?  
**Usama Bilal**
- 473 Building a Systems Map of Childhood Food Security: A Qualitative Map to Inform Quantitative Modeling  
**Nancy Fleischer**
- 474-S Characteristics of the High School Experience and Obesity at Age 40 in a US Cohort  
**Alison Cohen**
- 475-S Neighborhood Variation in Associations between Having a Co-Resident Father and Children’s Health Outcomes in South Africa  
**Gareth Mercer**
- 476 Social Environments, Genetics, and Black-White Disparities in Infant Mortality  
**Abdulrahman M El-Sayed**
- 477 A Population-Based Analysis of the Social Determinants of Adult Women’s Health Service Utilization in the U.S.  
**Kelli Stidham Hall**

**LATEBREAKERS**

- L09 How Much of Socioeconomic Differences in Breast Cancer Patient Survival can be Explained by Differences in Stage at Diagnosis and Treatment?  
**Ruoran Li**
- L10 Elements in Autopsy Lung Tissue from World Trade Center Health Registry Registrants  
**I-Hsin Lin**
- L11 Sexual and Physical Abuse and Gynecological Disorders: The Endometriosis—Natural History, Diagnosis and Outcomes (ENDO) Study (2007–2009)  
**Karen Schliep**
- L12 Risk of Myocardial Infarction in Older Men Receiving Testosterone Therapy  
**Jacques Baillargeon**
- L13 Withdrawn
- L14 Longitudinal Associations of Sleep Curtailment with Metabolic Risk in Mid-Childhood  
**Elizabeth Cespedes**
- L15 The Impact of the Juvenile Justice Process on Recidivism among Young Offenders in Iowa  
**Maisha Frederick**
- L16 Do Changes in Fat and Lean Mass Contribute to Decline in Muscle Strength? The BACH/Bone Survey  
**Benedetta Bartali**
- L17 Primary Causes of under-5 Mortality in South Africa: Results from the 2nd National Burden of Disease Study  
**Victoria Pillay-van Wyk**
- L18 Single-Nucleotide Polymorphisms in MnSOD, GSTP1, GSTM1, GPX1, GPX3, and CAT Genes and a Blood Marker of Oxidative Stress: The WEB Study  
**Albina Minlikeeva**
- L19 Withdrawn
- L20 Racial Residential Segregation, Quality of Prenatal Care, and Adverse Birth Outcomes in the United States  
**Katherine Theall**
- L21 The Epidemiology of Co-occurring Alcohol Use and Psychiatric Disorders among Army National Guard Soldiers  
**David Fink**
- L22 Causal Diagrams of Total Gestational Weight Gain and the Utility of Weight-Gain-for-Gestational-Age Z-score  
**Stefanie Hinkle**
- L23 Association of Hypertension and Obesity with Renal Cells Carcinoma Risk: A Report from the Shanghai Men’s and Women’s Health Studies  
**Tian Shen**
- L24 Follow-Up of Cancer Incidence among Farmers Exposed to the Organophosphate Insecticide Diazinon  
**Rena Jones**
- L25 Associations of Urinary Bisphenol A Concentrations with Thyroid Volumes and Thyroid Nodules in Chinese Children  
**Na Wang**
- L26 Venomous Snake Bites in Sikasso during the Past Decade  
**Hinde Hami**

5:30 – 6:30 pm	<b>Guided Poster Tours</b>	Location on Ticket
6:30 – 7:30 pm	<b>SER STUDENT POSTDOC COMMITTEE (SPC) BUSINESS MEETING</b> —all SPC members welcome Chair: Abdulrahman El-Sayed	Stuart
7:30 pm onward	<b>SER Student/PostDoc Committee Social</b>	Icon Grill, 1933 5 <sup>th</sup> Avenue, Seattle

## THURSDAY, JUNE 26, 2014

7:00 – 7:50 am	<b>Breakfast with the Experts</b>	Location on Ticket
8:00 – 9:30 am	<b>Plenary Session 2</b> Session Chair: Andrew Olshan  <b>Cassel Lecture, Tyler VanderWeele, Harvard University</b> <i>How to Reduce Health Disparities? Upon What to Intervene? Methodological Considerations in Social Epidemiology</i>  <b>Tyroler Lilienfeld Student Prize Paper, Samantha Parker</b> <i>Induced Abortions and Risk of Preeclampsia among Nulliparous Women</i>	Grand Ballroom 1 & 2
9:30 – 10:00 am	Break	
10:00 am – 12 noon	<b>THEN &amp; NOW: BUILDING ON OUR HISTORY – FORGING OUR LEGACY</b> SESSION CHAIR: Timothy Lash  <b>Nutrition</b> Walter Willett & Whitney Robinson <b>Occupation/Environment</b> Beate Ritz & Michael Bloom <b>Tobacco/Smoking</b> Gary Friedman & Benjamin Apelberg	Fifth Avenue
10:00 – 11:30 am	<b>Concurrent Contributed Sessions 3 (CCS3)</b>  <b>AGING IN THE ERA OF MODERN EPIDEMIOLOGY: NEW METHODS AND NEW QUESTIONS IN THE STUDY OF OLDER PEOPLE</b> SESSION CHAIR: Jennifer Weuve	Elliott Bay
478-S	Accounting for Selective Survival in Research on Determinants of Cognitive Decline: A Simulation Framework <b>Elizabeth Rose Mayeda</b>	
479	Testing Empirical Explanations for Spousal Caregiving and Decreased Mortality Risk <b>Benjamin Capistrant</b>	
480	Early Life Instruction in Foreign Language and Music and Incidence of Mild Cognitive Impairment <b>Bryan James</b>	
481	Relationships between Parkinson’s Disease and Use of Cigarettes, Cannabis, Alcohol and Coffee in a Case-Control Study <b>M Anne Harris</b>	
482-S	Prevalence of Multimorbidity among U.S. Adults in 2007-2010 – Data from The National Health and Nutrition Examination Survey <b>Min Kim</b>	
	<b>ENVIRONMENT AND LIFESTYLE EFFECTS ON MALE AND FEMALE REPRODUCTIVE HEALTH</b> SESSION CHAIR: Sunni Mumford	Grand Crescent
483-S	Soy-Based Infant Formula Feeding and Fibroid Risk <b>Kristen Upson</b>	
484-S	Fruit and Vegetable Intake, Pesticide Residue Status, and Semen Parameters among Subfertile Men <b>Yu-Han Chiu</b>	
485-S	Paternal Urinary Levels of Phenols in Relation to Reproductive Outcomes among Couples <b>Laura Dodge</b>	
486	Preconception Serum DDT And B-Vitamin Status: Independent and Joint Effects on Women’s Reproductive Outcomes <b>Fengxiu Ouyang</b>	
487	Increased Risk of Preterm Birth Subtypes in Women with Early-Pregnancy Vitamin D Deficiency <b>Lisa Bodnar</b>	

**INTERSECTIONS BETWEEN TRADITIONAL EPIDEMIOLOGIC METHODS AND SIMULATION MODELING**

Grand Ballroom 1

**SESSION CHAIRS:** Daniel Westreich and Matthew Fox

- 488-S Overpowered: Significance Testing and P-Values in Simulation Modeling  
**Eric Lofgren**
- 489-S Using Probabilistic Bias Analysis to Assess the Sensitivity of a Case-Control Study to Possible Survivor Bias and Selection Bias Due to Non-Participation  
**Xin Cui**
- 490-S G-Computation of Natural Effects in Causal Mediation Analysis  
**Aolin Wang**
- 491 Stochastic Mediation Contrasts in Epidemiologic Research: The Mediating Role of Inter-Pregnancy Interval in the Relation between Maternal Education and Preterm Delivery  
**Ashley Naimi**

**HEALTH DISPARITIES: THE ROLE OF NEIGHBORHOOD SOCIAL AND ECONOMIC CONDITIONS**

Grand Ballroom 2

**SESSION CHAIRS:** Yvette Cozier and Lisa Bates

- 492 Community Context and the Mortality of Arab-Americans  
**Abdulrahman M El-Sayed**
- 493-S Examining the Association between Salivary Cortisol and Neighborhood Characteristics: Evidence from the Multi-Ethnic Study of Atherosclerosis  
**Anjum Hajat**
- 494-S What Renders a Community Obesogenic? Using Conditional Random Forests to Characterize a Risk Regime  
**Claudia Nau**
- 495-S Neighborhood Income Inequality and Aggression and Violence among Adolescents Living in Boston, Massachusetts  
**Roman Pabayo**

**RISK FACTORS FOR CARDIOVASCULAR DISEASE**

Vashon

**SESSION CHAIR:** Julie Buring

- 496-S Hypertensive Disorders in Pregnancy and Cardiovascular Risk Factor Development  
**Jennifer Stuart**
- 497 Neighborhood-Level Racial/Ethnic Residential Segregation and Incident Cardiovascular Disease: The Multi-Ethnic Study of Atherosclerosis (MESA)  
**Kiarri N Kershaw**
- 498 Status of Cardiovascular Health in Mississippi Delta Adults  
**Tameka Walls**
- 499 Metabolic Syndrome and Phthalate Metabolite Exposure in US Adults  
**Cara L Frankenfeld**

11:30 am – 1:30 pm Lunch (on your own)

12:00 – 1:00 pm **ESI (EARLY STAGE INVESTIGATORS)** Grand Ballroom 1  
**Building Interdisciplinary Research Teams**  
**Session Chair:** Bernard Harlow

1:00 – 2:00 pm **SER MEMBER BUSINESS MEETING** —all members welcome Fifth Avenue  
**Chair:** Germaine Buck Louis, SER President  
Society Business  
Presentation of Awards:  
*Distinguished Service to SER*—Susan Sacks  
*Career Accomplishment*—Lynn Rosenberg  
*Excellence in Education*—Susan Mayne  
*Early Career*—Daniel Westreich  
*Tyroler Lilienfeld Student Prize Paper*—Samantha Parker  
*Student Travel Scholarships*  
*AJE Articles of the Year*

2:00 – 2:15 pm Break



- 500 **DOES GENETICS HAVE A ROLE IN SOCIAL EPIDEMIOLOGY? CONCEPTUAL AND METHODOLOGICAL CHALLENGES** Grand Crescent  
**SESSION CHAIR:** Abdulrahman El-Sayed
- Genetic Data and Theories of the Heredity of Health Inequalities  
**Daniel Rehkopf**  
 Applications of Genetic Instrumental Variables in Social Epidemiology  
**Maria Glymour**  
 Genetics and the Social Determinants of Health: Helpful Tool or Harmful Distraction?  
**Abdulrahman El-Sayed**
- Discussant  
**Patricia O’Campo**
- 501 **WEIGHT AND MORTALITY – WHAT ARE THE CONTROVERSIES?** Grand Ballroom 1  
 (sponsored by the American Journal of Epidemiology)  
**SESSION CHAIR:** Katherine Flegal
- Approaches to the Analysis of Weight and Mortality Data  
**June Stevens**  
 Current Approaches and Suggestions for the Future  
**Jay Kaufman**  
 The So-Called “Obesity Paradox”  
**Kamyar Kalantar-Zadeh**
- 502 **EMERGING AND CONTROVERSIAL ISSUES IN RADIATION EPIDEMIOLOGY** Vashon  
**SESSION CHAIRS:** Lydia Zablotska and Roy Shore
- How Large are the Radiation Doses and Risks from Fukushima?  
**Kazunori Kodama**  
 Cancer Risks from Pediatric CT Scans: Recent Results and Methodological Challenges  
**Amy Berrington de González**  
 What Do We and Don’t We Know about Radiation Risks from Low-Dose Occupational Exposures?  
**John Boice**  
 Is There Risk of Cardiovascular Diseases from Low-Dose Radiation Exposure?  
**Lydia Zablotska**
- 503 **DESPERATELY SEEKING VALIDATION: A GUIDE FOR DESIGNING AND USING THE RESULTS OF VALIDATION STUDIES** Fifth Avenue  
**SESSION CHAIRS:** Lisa Bodnar and Matthew Fox
- On the Need to Plan for Validation Studies  
**Matthew Fox**  
 Validation of Nationwide Medicaid Data on Congenital Cardiac Malformations in a Study of the Safety of Antidepressant Use during Pregnancy  
**Kristin Palmsten**  
 Validation of Heart Valve Replacement as a Proxy for Exposure to Anticoagulants in a Study of Vitamin K Antagonist Therapy and Site-specific Cancer Incidence  
**Thomas Ahern**  
 Validation of Birth Certificate-based Maternal Weight Data in a Study of Obesity, Gestational Weight Gain and Adverse Pregnancy Outcomes  
**Lisa Bodnar**
- 504 **GENERALIZABILITY, TRANSPORTABILITY AND REPRESENTATIVENESS: TO WHOM MAY WE INFER INTERNALLY-VALID EFFECTS?** Grand Ballroom 2  
**SESSION CHAIR:** Stephen Cole
- In Observational Epidemiology, How Do We Reconcile Internal Validity with an Epidemiology of Consequence?  
**Katherine Keyes**  
 Generalizability: The Role of Research Synthesis  
**Joel Greenhouse**

Reweighting Methods for Generalizing Results from Randomized Trials to Target Populations  
**Elizabeth Stuart**  
So Many Ways to Be Exposed: Transportability of Effect Estimates and Multiple Versions of Treatment  
**Miguel Hernán**

**REPRODUCTIVE FACTORS AND CANCER RISK**

Elliott Bay

**SESSION CHAIR:** Britton Trabert

- 505-S Fatherhood and Prostate Cancer Risk: Infertility, Paternity, and Offspring Gender  
**Andrea Spence**
- 506-S Oral Contraceptive Use and Colorectal Adenomas in The Nurses' Health Study  
**Brittany Charlton**
- 507-S Reproductive Factors and Risk of Endometrial Cancer in US Black Women  
**TR Sponholtz**
- 508 Ovarian Cancer Risk Factors by Histologic Type in the Ovarian Cancer Cohort Consortium (OC3)  
**Elizabeth Poole**

4:15 – 5:45 pm

**CONCURRENT CONTRIBUTED SESSION 4 (CCS4)**

- 509 **SELECTION BIAS DUE TO LOSS: AN OLD AND OFTEN IGNORED PROBLEM REVISITED** Grand Ballroom 1  
**SESSION CHAIR:** Jessie Edwards and Chanelle Howe

Absolute and Relative Selection Bias Due to Loss in Cohort Studies: Sources and Non-Standard Approaches  
**Chanelle Howe**  
Loss to Follow-Up and Mortality among U.S. HIV-Infected Antiretroviral Therapy Initiators  
**Jessie K Edwards**  
Targeted Learning to Mitigate Bias in Effect Estimates when Some Outcome Data Are Missing  
**Susan Gruber**  
Caveats and Considerations  
**Miguel Hernán**

**PREDICTORS OF PROGNOSIS IN WOMEN WITH BREAST CANCER**

Fifth Avenue

**SESSION CHAIR:** Noel Weiss and Deirdre Cronin-Fenton

- 510 Opioids and Breast Cancer Recurrence: A Danish Population-Based Cohort Study  
**Deirdre Cronin-Fenton**
- 511 Breast Cancer Outcomes by Diabetes Status and Diabetes Medication Use  
**Denise Boudreau**
- 512 Breast Cancer Recurrence in Relation to Antidepressant Use in Women with Early Stage Breast Cancer  
**Jessica Chubak**
- 513-S Prognostic Significance of Change In Mammographic Density after Initiation of Tamoxifen Therapy for ER-Positive Breast Cancer  
**Sarah Nyante**

**METHODS IN STUDY DESIGN**

Grand Ballroom 2

**SESSION CHAIR:** Nina Paynter

- 514-S Pilot Testing a New Method for Measuring Sensitive Health Behaviors  
**Heidi Moseson**
- 515-S If You are Not Counted, You Don't Count: Estimating the Number of African-American Men Who Have Sex with Men in San Francisco  
**Paul Wesson**
- 516 Improving the Generalizability of Small Population Inferences in Epidemiologic Surveys Using Blending Approaches: Post-9/11 Military Caregivers  
**Rajeev Ramchand**
- 517-S How Does a Severe, Adverse Clinical Event Impact Obstetrical Decision Making at a Hospital? Uterine Rupture and the Management of Patients with Previous Cesarean Delivery  
**Corinne Riddell**

SESSION CHAIR: Magdalena Cerda

- 518-S Trends in Socioeconomic Inequalities in Accidental Drug Poisoning Mortality in the United States, 1994-2010  
**Robin A Richardson**
- 519-S Norms, Stigma, and Social Isolation in The Obese: An Agent-Based Approach  
**Stephen Mooney**
- 520-S Neighborhood Fitness Facilities and Depression in People with Type 2 Diabetes: A Mediation Analysis of Seven Pathways  
**Genevieve Gariepy**
- 521-S Can Social Policy Reduce Socio-Economic Disparities in Mental Health? Eligibility for GI Bill Benefits and Depressive Symptoms  
**Anusha Vable**
- 522-S Population-Based vs. Individual-Based Approaches to Delivering Mental Health Services after a Mass Traumatic Event: An in Silico Experiment after Hurricane Sandy  
**Melissa Tracy**

**SCHOOL, COMMUNITY, AND HEALTH IN LOW AND MIDDLE INCOME COUNTRIES**

Elliott Bay

SESSION CHAIR: Naoki Kondo

- 523-S The Effect of School-Level Adherence to Water, Sanitation, and Hygiene Interventions on Individual Diarrheal Illness  
**Joshua Garn**
- 524-S Community Mobilization and Alcohol Use among Young Adults in Rural South Africa  
**Hannah H Leslie**
- 525-S Increases in Paid Maternal Leave Associated with Reductions in Neonatal Mortality: A Multilevel Analysis of 300,000 Births from 20 Low-And-Middle-Income Countries  
**Alissa Koski**
- 059-S HIV- and Tuberculosis-Related Perceived Stigma in India: Urban-Rural Differences in Desire to Keep Infection Secret  
**Shivani Patel**

**ASPECTS OF TIMING IN PERINATAL AND PEDIATRIC EPIDEMIOLOGIC RESEARCH**

Vashon

SESSION CHAIR: Brian Whitcomb

- 526-S The Risk of Fetal Death with Preeclampsia  
**Quaker E Harmon**
- 527-S Longitudinal Changes in Maternal Weight Gain and Intrauterine Fetal Growth  
**Stefanie Hinkle**
- 528 Differences in Risk Factors for Incident Versus Recurrent Preterm Delivery  
**Katherine Laughon Grantz**
- 529-S Timing of Introduction to Solid Foods Is Associated with F2-Isoprostane Levels throughout Childhood in Healthy Children at High Risk for Type 1 Diabetes  
**Brittini Frederiksen**
- 530-S The Risk of Developing Type II Diabetes in Children and Adolescents Using Atypical Antipsychotics  
**Minji Sohn**
- 5:45 – 7:00 pm **Guided Poster Tours** Location on Ticket
- 5:45 – 7:00 pm **Poster Session 3** Grand Ballroom 3

**BEHAVIORAL**

- 531-S Effects of a Community Health Advisors Training Curriculum to Address Oral Cancer Screening in Aboriginal Villages  
**Wei-Chih Huang**
- 532-S Evaluating the Effect of a Community Health Advisors Training Curriculum to Address Oral Health Care in Aboriginal Villages in Mountain Area  
**Tsung-Nan Hsieh**
- 533 Maternal Characteristics Associated with Significant Caries in Urban Children  
**Ying-Ling Liu**
- 534-S The Broader Social Environment Factors Associated with Children's Smoking in Southern Taiwan  
**Wen-Chen Hsu**
- 535-S The Effectiveness of Using Lay Health Advisor Intervention Approach on Immigrant Mother's Oral Health Knowledge, Attitude and Behaviors  
**Sin-Hua Moi**

- 536 Associations of Health Behaviors with Return to Work after Colorectal Cancer  
**Brigid Lynch**
- 537-S Factors that Motivate Increased Physical Activity/Exercise  
**Elise Bowen**
- 538 Prevention Trial in the Cherokee Nation: Design of a Randomized Community Trial  
**Kelli A Komro**
- 539-S A Multilevel Analysis of Factors Associated with Physical Activity in Leisure Time in Brazilian Adults  
**Fernanda Penido Matozinhos**
- 540-S Availability of Places for Physical Activity According to Neighborhoods' Income in Brazil  
**Fernanda Penido Matozinhos**
- 541 Is Greenspace Access Associated with Sleep Duration among Preschoolers?  
**Diana Grigsby-Toussaint**
- 542-S Neurobehavioral Function in School-Age Children Exposed to Manganese in Drinking Water  
**Youssef Oulhote**
- 543 Gender and Related Factors as Effect Modifiers in the Association between Smoking and Depression  
**Greta Kilmer**
- 544-S How Military Culture Discouraging Tobacco Use Influences Active Duty Military Personnel  
**Kathleene Ulanday**
- 545 Social Gun Culture and Likelihood of Gun Ownership  
**Bindu Kalesan**
- CANCER**
- 546 Serum Antioxidant Levels and Endometrial Cancer  
**Beverly J Wolpert**
- 547 The Association between Dairy Intake and Calcium and the Incidence of Colorectal Cancer  
**Yessenia Tantamango-Bartley**
- 548-S Vegetarian Dietary Patterns and the Risk of Colorectal Cancer  
**Michael Orlich**
- 549-S Body Size and Risk of Endometrial Cancer in US Black Women  
**TR Sponholtz**
- 550-S Withdrawn
- 551 Childhood Acute Leukemia and Indicators of Early Immune Stimulation: A Childhood Leukemia International Consortium (CLIC) Study  
**Jeremie Rudant**
- 552-S Early Life Growth and Mammographic Breast Density in an Urban Birth Cohort  
**Tomi Akinyemiju**
- 553-S Evaluation of Maternal Health and Labor and Delivery Conditions as Risk Factors for Childhood Leukemia in Children with Down Syndrome  
**Thomas Meath**
- 554-S Fertility Treatments, Getting Pregnant on Birth Control, Folic Acid Supplementation and Childhood Acute Leukemia: The ESTELLE Study  
**Roula Ajrouche**
- 555-S Sporadic Retinoblastoma and Parental Smoking and Alcohol Consumption before and after Conception: A Case Control Study  
**Saeedeh Azary**
- 556-S Post-Transplant Malignancy in Incompatible Kidney Transplantation: A National Study  
**Lauren Kucirka**
- 557-S A Prospective Study on Oral Contraceptive Use and Colorectal Cancer  
**Brittany Charlton**
- 558 Do Cancer Survivors Desire Fewer Children than Women Who Have Not Had Cancer?  
**Penelope P Howards**
- 559 Prostate-Specific Antigen Testing and Shared Decision Making for Prostate Cancer Screening  
**Jun Li**
- 560-S Causal Effects of Age at Smoking Initiation on Subsequent Lung Cancer Risk  
**Orestis A Panagiotou**
- 561 A Comprehensive Assessment of the Role of Regulatory T Cells in Ovarian Cancer Etiology  
**Kirsten Moysich**
- 562 Aspirin and Acetaminophen Decrease the Risk of Cervical Cancer in Long-Term Users  
**Kirsten Moysich**
- 563-S Association of Alcohol Intake and Mammographic Density in Two US Birth Cohorts  
**Jasmine McDonald**
- 564-S Bra Wearing Not Associated with Breast Cancer Risk: A Population Based Case-Control Study  
**Lu Chen**

- 565-S Time Trend in 5-Year Survival Rates among Breast Cancer Patients by Hormone Receptor Status and Stage: A National Population Based Study  
**Lu Chen**
- 566 Impact of Postmenopausal Hormone Use on Breast Cancer Incidence in the United States  
**Ronald Gangnon**
- 567-S Leukocyte Telomere Length & Mammographic Density in Women Undergoing Diagnostic Image-Guided Breast Biopsy  
**Clara Bodelon**
- 568 Metabolic Syndrome is Associated with Increased Breast Cancer Risk: A Systematic Review with Meta-Analysis  
**Ruchi Bhandari**
- 569 Reduced Risk of Breast Cancer Associated with Recreational Physical Activity Varies by HER2 Status  
**Huiyan Ma**
- HEALTH DISPARITIES**
- 570 Racial/Ethnic Differences in Occupational Physical Activity and Obesity in the Massachusetts' Working Population  
**MyDzung Chu**
- 571 Examining Health Disparities by Geography Using the 2013 National Center for Health Statistics Urban-Rural Classification Scheme  
**Sheila Franco**
- 572 Is Higher Education Protective Against Depressive Symptoms in the Face of Discrimination?  
**Vicki Johnson-Lawrence**
- 573-S The Prevalence of Chronic Conditions and Co-Morbidities among New York State Prison Inmates  
**Montina Befus**
- 574 Using a Mixed Methods Approach to Elicit Actions for Decreasing Racial Disparities in Infant Mortality  
**Laurin Kasehagen**
- 575-S A Prospective Investigation of Socioeconomic Deprivation and Self-Rated Health in a Large US Cohort  
**Qian Xiao**
- 576-S Withdrawn
- 577 Healthcare Visits and Hypertension Control among U.S. Adults 20 Years of Age or Older, by Disability Status – NHANES, 2001-2010  
**Alissa Stevens**
- 578-S Life Course Socioeconomic Position and C-Reactive Protein Levels in Adults from the Brazilian Longitudinal Study of Adult Health (ELSA-Brasil)  
**Lidyane Do Valle Camelo**
- 579 Social Disparities in Adiposity in Adolescence: Prospective Observations from Hong Kong's "Children of 1997" Birth Cohort  
**LL Hui**
- 580 Central Adiposity in Adolescence among Second Generation Migrants in the Hong Kong's "Children of 1997" Birth Cohort  
**LL Hui**
- 581-S Projections of Socioeconomic Trends in Obesity and Diabetes in Canada from 2001 to 2021: The Population Health Microsimulation Model for Cardiovascular Disease (POHEM:CVD)  
**Brendan Smith**
- 582-S Racial/Ethnic Disparities in Adherence to Cardiovascular Medications among Medicare Seniors: Looking Beyond the Mean  
**Mustafa Hussein**
- 583 Withdrawn
- 584 Socioeconomic Inequalities in Motor Vehicle Accident Deaths, USA 1995-2010  
**Thomas J Charters**
- 585-S BMI, Weight and Height from Menarche to Three Years Post-Menarche in Indigenous and Non-Indigenous Girls in Chile  
**Macarena Lara**
- 586 A Data-Driven Approach to Mechanisms of Premature Birth in US Urban Counties: The Influence of Obesity in Combination with Other Well-Known Factors  
**Anne Kershenbaum**
- 587-S Direct Effects of Women's Early Life Socioeconomic Status on the Birth Weights of their Children  
**Jonathan Huang**
- 588 Leaving the Emergency Department without Complete Care in American Indian Children  
**Susan Puumala**
- 589-S The Impact of Maternal Race/Ethnicity on Perinatal Outcomes Associated with Maternal Asthma  
**Katrina F Flores**
- 590 Do Inequalities in Obesity Reflect Underlying Inequalities in Distributions of BMI?  
**Arjumand Siddiqi**
- 591-S The Population Health Impact of Failing to Breastfeed on Infant Illness in Canadian Aboriginal Communities  
**Kathryn McIsaac**

- 592 Joint Analyses of Racial and Urban-Rural Disparities in Cancer Screening  
**David Strogatz**
- 593 Rising Inequality in Mortality among Working-Age Men and Women during and after the Economic Recession in the Early 1990s in Sweden: A National Registry-Based Repeated Cohort Study  
**Naoki Kondo**
- ENVIRONMENTAL**
- 594-S Measuring the Storm: Methods of Quantifying Hurricane Exposure in the Public Health Literature  
**Shannon Grabich**
- 595 Population Attributable Fraction for Health Risk Due to Ambient Particulate Matter in Republic of Korea  
**Won Kyung Lee**
- 596 Seasonal Variation of Peripheral Blood Leukocyte Telomere Length in Costa Rica: A Population Based Observational Study  
**David Rehkopf**
- 597 Association of Urinary Bisphenol a Concentration with Oxidative Stress and Inflammatory Markers: NHANES 2003-2010  
**Juhua Luo**
- 598-S Air Pollution and High Density Lipoproteins in the Multi Ethnic Study of Atherosclerosis (MESA)  
**Griffith Bell**
- 599-S Past Use of Coal for Cooking is Associated with All-Cause Mortality in the Prospective Shanghai Women’s Health Study  
**Christopher Kim**
- 600-S The Influence of Meteorological Variables on the Presentation of Venous Thromboembolism: A Case Cross-Over Study  
**Nira Hadar**
- 601-S Association between Pops (Persistent Organic Pollutants) Exposure in Children and Risks of Diabetes  
**Hye-Sook Park**
- 602-S Association of Polycyclic Aromatic Hydrocarbons with Glucose Homeostasis, Metabolic Syndrome, and Diabetes in USA Adults  
**Hui Hu and Xiaohui Xu**
- 603 Developmental Trajectories of Ambient Ozone Concentration and Life Expectancy in Contiguous U.S. Counties, 2002-2008  
**Chaoyang Li**
- 604 Persistent Organochlorine Pollutants (Pops) and Thyroid Disease (TD) in Anniston, Alabama  
**Christina Lupone**
- 605 Interaction between CYP2E1 Gene Polymorphisms and Exposure to Drinking Water Chlorination By-Products: Effect on Small-for-Gestational-Age Occurrence  
**Patrick Levallois**
- 606-S Withdrawn
- 607-S Hair Mercury and Semen Parameters among Men Attending a Fertility Clinic  
**Myriam Afeiche**
- 608 Role of Metabolic Genes in Blood Concentrations of Arsenic in Jamaican Children with and without Autism Spectrum Disorders  
**Mohammad Rahbar**
- INFECTIOUS**
- 609-S A Description of the Hepatitis B Virus Genomic Background in a High-Prevalence Area in China  
**ZJ Shao**
- 610-S Toxoplasma Gondii and Anxiety Disorders in a Population-Based Sample  
**Adam Markovitz**
- 611-S Complex Systems Modeling of Healthcare-Associated Infections  
**Eric Lofgren**
- 612 Understanding the Test-Negative Study Design Using Causal Diagrams  
**Sheena Sullivan**
- 613 Utility of Social Media Surveillance for Drug Safety and Signal Detection Purposes  
**Brian Dreyfus**
- 614 Role of Casual Contacts in the Recent Transmission of Tuberculosis  
**Weibing Wang**
- 615-S Community-Based Research on H.Pylori Infection in the Canadian Arctic: Findings Show a High Prevalence of Severe Gastritis  
**Emily V Hastings**
- 616-S Using Administrative Data to Augment an Adverse Events Following Immunization (AEFI) Surveillance System Following Introduction of a New Vaccine  
**Shannon MacDonald**
- 617 Improving Respiratory Syncytial Virus Surveillance in Montana  
**Joel Merriman**

- 618-S Influenza-Like Illness Is Associated with Increased {Streptococcus Pneumoniae} Carriage among Otherwise Healthy College Students  
**Brian Davis**
- 619 Geographical Variation in Associations between HCV Infection and Risk Factors among Drug Users in Southwestern China: A Geographically Weighted Logistic Regression Analysis  
**Yi-Biao Zhou**

## **METHODS**

- 620-S A Cluster Randomized Trial of Pre-Dive Checklist to Prevent Scuba Diving Mishaps  
**Shabbar Ranapurwala**
- 621-S Estimating Semiparametric Differences and Ratios in Median Time to Event  
**Elizabeth T Rogawski**
- 622 Novel Methods to Estimate Population-Level Young Driver Compliance with Graduated Driver Licensing Restrictions  
**Allison E Curry**
- 623 Using the Capture-Recapture Approach to Estimate the Incidence of Unintentional Musculoskeletal Injuries among Naval Special Warfare Sea, Air and Land Operators  
**Mita Lovalekar**
- 624 Validating a Shortened Form of the CESD among Women Affected by the Deepwater Horizon Oil Spill (DWOS) in Louisiana  
**Ariane Rung**
- 625-S To Match or Not to Match: Control Selection in Disease Biomarker Discovery Studies  
**Stephen Mooney**
- 626-S Estimation of Recumbent Length and Height from Ulnar Length and Arm Span among Infants and Children Aged 0-5.9 Years  
**Yeyi Zhu**
- 627 Instrumental Variable Estimation in a Survival Context  
**Eric Tchetgen Tchetgen**
- 628 Use of Uncertainty Analysis to Quantify the Impact of Disease Misclassification Due to Loss to Follow-Up on an Estimate of Effect for Occupational Exposure to TCDD-Contaminated Chemicals and Ischemic Heart Disease  
**George Maldonado**
- 629-S A Novel Approach to Account for Survival Bias in Perinatal Epidemiology: An Application to HIV Research  
**Kelesitse Phiri**
- 630 Potentially Large Collider Bias in Usual Effect Estimators in Index Event Studies – Without any Uncontrolled Disease Risk Factors  
**W Dana Flanders**
- 631-S Comparison of Linear Structural Equation and Marginal Structural Linear Models for Estimating the Direct Effect of Early Life Wealth on Adult Waist Circumference Not Mediated by Adult Wealth  
**Marissa J Seamans**
- 632-S Regression Discontinuity in Epidemiology: Quantifying Bias Due to Forcing Variable Misreporting  
**Jeremy Labrecque**
- 633-S A Brief Assessment of Neighbourhood Effect on Neonatal Mortality: Translation of Area Level Variance in the Odds Ratio Scale in Multilevel Logistic Regression  
**Bhaskar Thakur**
- 634 Considerations in Pooling and Refinement of Mass Spectrometry Calibration  
**Neil Perkins**
- 635 Evaluation of a Quality Control Tool for Screening Titles and Abstracts in Systematic Reviews  
**Immaculate Nevis**
- 636 Withdrawn
- 637 Model Selection for the Effect of Binary Exposures over the Life Course  
**Kate Tilling**
- 638 Withdrawn
- 639-S Predictors of Response to In-Home Biologic Specimen Collection in the Women and their Children’s Health Study (Watch)  
**Symielle Gaston**

## **NEUROLOGY**

- 640 Duchenne and Becker Muscular Dystrophy: Survival through 2010 of a U.S. Population-Based Cohort Born 1985-1999 and Ascertained by the Muscular Dystrophy Surveillance, Tracking, and Research Network (MD Starnet)  
**Melissa Adams**
- 641-S Occupational and Recreational Activity Levels in Adulthood to the Risk of Parkinson’s Disease  
**I-Fan Shih**
- 642 Prevalence of Depression in Patients with Idiopathic Parkinson's Disease in Korea  
**Won Chan Kim**
- 643-S Structural Brain Lesions and Restless Legs Syndrome: A Cross-Sectional Population-Based Analysis  
**Pamela Rist**

- 644 The Rhineland Study: A Novel Prospective Cohort Study  
**Monique MB Breteler**
- 645-S Modifiable Life-Course Determinants of Reserve in Cognitive Aging  
**Dorota Chapko**
- 646-S Environmental Risk Factors for Progression in PD: An Investigation into Organophosphate Exposure and Cognitive Decline in Parkinson's Disease Patients  
**Kimberly Paul**
- 647 Non-Parametric Analysis of Seasonality in Birth and Multiple Sclerosis Risk in Second Generation of Migrants in Kuwait  
**Saeed Akhtar**
- 648 Voice, Speech, and Language Disorders in the U.S. Adult Population: The 2012 National Health Interview Survey (NHIS)  
**Howard J Hoffman**
- 649-S Prenatal Maternal Stress and Risk of Autism Spectrum Disorder (ASD)  
**Amrita Vavilikolanu**
- 650-S Association of Amyotrophic Lateral Sclerosis with Pesticide Exposure during Military Service or Deployment  
**John D Beard**
- 651 Negative Life Events and Migraine: A Cross-Sectional Analysis of the Brazilian Longitudinal Study of Adult Health (ELSA-Brasil) Baseline Data  
**Paolo Lotufo**

## **NUTRITION**

- 652-S Maternal Fish Intake during Pregnancy in Association with Autism Spectrum Disorder and Developmental Delays  
**Yunru Huang**
- 653-S The Thompson-McFadden Commission, Joseph Goldberger, and Pellagra: Reconsidering Two Historical Investigations of Pellagra in Cotton-Mill Villages in South Carolina  
**Justin Knox**
- 654-S Exposure to Health Marketing Campaigns Should be Coupled to Food Environment Interventions, as Population Sodium Knowledge and Choosing Healthy Foods Remain Low among Residents of Los Angeles County, USA  
**Patricia L Cummings**
- 655-S Consumption of Added Sugars from Liquid but Not Solid Sources Predicts Impaired Glucose Homeostasis and Insulin Resistance among Youth at Risk of Obesity  
**JiaWei Wang**
- 656-S Sodium Intake, High Waist Circumference and Sex are Associated with High Blood Pressure In Young Filipino Adults  
**Melecia Wright**
- 657-S Differential Changes in Circulating Long Chain Polyunsaturated Fatty Acids in the 3rd Trimester of Pregnancy in Gestational Diabetic Versus Non-Diabetic Women  
**Jinping Zhao**
- 658-S Gestational Vitamin D and its Relationship with Autism Spectrum Disorders  
**Jaime Sconberg**
- 659 Classification of Energy Intake Reporting Using the Goldberg Method and Physical Activity Levels (PAL) Derived from Self-Reported Activity: Validation against Doubly Labeled Water  
**Ilona Csizmadi**
- 660 Serum Nutritional Biomarkers and their Associations with Sleep among US Adults in Recent National Surveys  
**May Beydoun**
- 661-S Anemia and Related Nutrient Deficiencies after Roux-En Y Gastric Bypass Surgery  
**Ting-Chia Weng**
- 662-S Menu Labeling Legislation is Associated with Menu Labeling Usage among Adults - Behavioral Risk Factor Surveillance System - 18 States, 2012  
**Seung Hee Lee-Kwan**
- 663 Sugar-Sweetened Beverage Consumption among U.S. Adults in 18 States – Behavioral Risk Factor Surveillance System, 2012  
**Gayathri Kumar**
- 664-S Excessive Gestational Weight Gain is Associated with Childhood Body Composition at Seven Years in African American and Dominican Children in the Bronx and Northern Manhattan  
**Elizabeth Widen**
- 665-S Sex of the Offspring Influences the Relationships between Infant Feeding, Preeclampsia Status and Early Pubertal Hormonal Levels  
**Jeremy Schraw**
- 666-S Maternal Concentration of 25-Hydroxyvitamin D (25(OH)D) in Pregnancy and Risk of Offspring Asthma: Results from a Prospective Danish Cohort with 20 Years of Follow-Up Using National Disease Registries  
**Susanne Hansen**
- 667-S Periconceptual and Pregnancy Folic Acid Supplementation and Child Allergic Disease – Evidence from The Danish National Birth Cohort  
**Ekaterina Maslova**



- 668-S Predicted Vitamin D Status in Mid-Pregnancy and Child Allergic Disease –A Prospective Study from The Danish National Birth Cohort  
**Ekaterina Maslova**
- 669 Multivitamin Use And All-Cause Mortality in The Nurses’ Health Study  
**Elizabeth Poole**
- PERINATAL/PEDIATRIC**
- 670-S Biological Determinants of Spontaneous Late Preterm and Early Term Birth  
**Hilary K Brown**
- 671-S A Prospective Study of Vitamin D and Gestational Diabetes Mellitus in Ethnically Diverse Women  
**Carrie Nobles**
- 672-S Postpartum Hospital Readmissions in California 2004-2010  
**Kerry Bommarito**
- 673-S Neonatal Seizures and Vaginal Breech Deliveries at Home Compared to their Counterparts in Hospital  
**Qing Li**
- 674-S Combined Effects of Prenatal Air Pollutant Exposure and Maternal Folic Acid Supplementation on Risk of Autism Spectrum Disorder  
**Amanda Goodrich**
- 675-S Exclusive Breastfeeding Duration and Weight Gain in Infancy  
**Kimberly Doughy**
- 676 Periconceptional Folic Acid-Containing Supplements and Global DNA Methylation in the MARBLES Prospective Study of Autism Spectrum Disorder  
**Rebecca J Schmidt**
- 677-S Vitamin D Exposure during Pregnancy and Early Childhood and Wheezing Risk in Young Children  
**Laura N Anderson**
- 678 Vitamin D Supplementation in Pregnancy on Neonatal Outcomes: A Systematic Review  
**Shu Qin Wei**
- 679 Associations between Maternal Prepregnancy Body Mass Index and Child Psychosocial Development at 6 Years of Age  
**Heejoo Jo**
- 680 Identification of Fetal Growth Restriction and Overgrowth Using Latent Class Analysis  
**Janne Boone-Heinonen**
- 681-S Informing Preconception Weight Loss Counseling for Women above their Ideal Body Weight  
**Laura Schummers**
- 682 Patterns of Gestational Weight Gain among Overweight and Obese Women Related to Small and Large for Gestational Age Births  
**Janet Catov**
- 683 The Influence of Pre-Pregnancy Body Mass Index and Fetal Sex on the Association between Fetal Adipokines and Birth Weight  
**Linda Dodds**
- 684-S Impact of Parental Multiple Sclerosis and the Associated Mental Comorbidity on Early Childhood Development  
**Neda Razaz**
- 685 A Prospective Cohort Study of Time-To-Pregnancy and Adverse Pregnancy Outcomes  
**Lauren A Wise**
- 686 Optic Nerve Hypoplasia in the United States: The Prevalence and Association with Socio-Economic Status  
**Mark Borchert & Pamela Garcia Filion**
- 687 Population-Based Surveillance and Prevalence of Stillbirths: Iowa Stillbirth Surveillance Project (ISSP)  
**Paul Romitti**
- 688-S Prenatal Exposure to Triptan Medications and Behavioral Problems in Children: Results from the Norwegian Mother and Child Cohort Study  
**Mollie Wood**
- 689 Sleep Quality and Pregnancy Outcome  
**Mark Klebanoff**
- 690 Understanding Declines in Stillbirth and Neonatal Mortality in Europe  
**Ashna Mohangoo**
- 691-S Population Average Treatment Effect of the Medical Home for Receipt of Pediatric Developmental Screening, 2011-2012 National Survey of Children’s Health  
**Nicole Richmond**
- 692 Predictors of Ages and Stages Questionnaire Scores at Six Months  
**Tia Kauffman**
- 693-S Modification of the Effect of Preterm Birth on Elementary School Academic Performance by Neighborhood Deprivation in Early Childhood  
**Jennifer Richards**
- 694 Postterm Birth as a Response to Environmental Stress: The Case of September 11, 2001  
**Claire Margerison-Zilko**

- 695 The Contribution of Maternal Birth Cohort to Term Small for Gestational Age in the U.S. 1989-2010: An Age, Period, and Cohort Analysis  
**Claire Margerison-Zilko**
- 696-S Antimuscarinic Utilization in the Pediatric Population, United States 2000-2011  
**Alan Kinlaw**
- 697-S Associations of Early and Late Gestational Weight Gain with Offspring Birthweight  
**Pandora Wander**
- 698-S Circadian Rhythm of Placental Abruption Onset  
**Miguel Angel Luque-Fernandez**
- 699 Predictors of Breastfeeding Initiation and Maintenance in an Integrated Healthcare Setting  
**Michelle Henninger**
- 700-S Validation of Mother-Infant Linkage Using the Medicaid Case ID Variable within the Medicaid Analytic Extract (MAX) Database  
**Caitlin Knox**

## REPRODUCTIVE

- 701-S History of Oral Contraceptive Use and Risk of Spontaneous Abortion  
**Kristen Hahn**
- 702-S Maternal Age and Preterm Births in Infants Conceived by In Vitro Fertilization in the United States  
**Xu Xiong**
- 703 Sociodemographic and Hispanic Acculturation Factors and Isolated Anotia/Microtia  
**Mark Canfield**
- 704-S Preterm Birth in the Context of Increasing Income Inequality in the United States  
**Maeve Wallace**
- 705-S Modeling the Effects of the Economic Environment on Unintended Pregnancy and Related Outcomes  
**Deborah Karasek**
- 706 Assessing General Health Characteristics among Pregnant Women: Web-Based Questionnaires Versus Obstetrical Records  
**Nel Roeleveld**
- 707-S Withdrawn
- 708-S Contraceptive Use among Women with Selected Medical Conditions  
**Steven Champaloux**
- 709-S Effects of Over-The-Counter Analgesic Use on Reproductive Hormones and Ovulation  
**Rebecca Matyas**
- 710-S Neighborhood Deprivation and Utilization of Preconception Care in Los Angeles  
**Lujing Zhan**
- 711 Withdrawn
- 712-S Pregnancy Intentions, Socio-Economic Status and Use of Birth Control  
**Amy Metcalfe**
- 713-S Self-Report of Trouble Sleeping by Race/Ethnicity in Pregnant Women and Women of Child-Bearing Age  
**Melissa Amyx**
- 714-S Unraveling Data on the Sexual Practices, Values and Perceptions of University Youth from the Arab World: The Case of Lebanon  
**Lilian Ghandour**

## SCREENING

- 715 Study on Screening Test for Health State in Susceptibility Phase Based on the Natural History of Disease among Young Adults  
**Hideo Yamazaki**
- 716 Disparities in Colorectal Cancer Screening  
**David T Huang**
- 717 Withdrawn
- 718 Are Symptoms of Anxiety and Depression Associated with Colorectal Screening Perceptions and Behaviors among Older Adults in Primary Care?  
**Hind Beydoun**

## SUBSTANCE USE

- 719 Past Blood Alcohol Concentration and Injury in Trauma Center: Propensity Scoring  
**Hind Beydoun**
- 720 Menthol Cigarettes, Time to First Cigarette, and Smoking Cessation  
**Edward Sanders**
- 721-S Prior Nonmedical Use of Prescription Opioids and Onset of Heroin Use among Adolescents and Young Adults  
**J Santaella**
- 722 Using Prescription Drug Monitoring Data to Identify Chronic Opioid Analgesic Use in New York City, 2008–2012  
**Ellenie Tuazon**

- 723 Volatile Substance Misuse Deaths in Washington State, 2003-2012  
**Eric Ossiander**
- 724-S Gender Differences in Cigarette Smoking: A Cross-Sectional Study among Cambodian American Adults  
**Che Wankie & Robert Friis**
- 725-S Life Course Trajectories of Paan Chewing and Oral Cancer Risk  
**Sreenath Madathil**
- 726 Association of Urinary 11-Dehydro-Thromboxane B2 Levels in Smoking, Smoking Cessation and Tobacco Heated System Use  
**Angela Gonzalez Zuloeta**
- 727-S Neighborhood Green Space and Substance Use - A Longitudinal Cohort Study in Southern California  
**Diana Younan**
- 728-S AUDIT-C Alcohol Misuse Screening Score and Major Bleeding in Warfarin Therapy: An Evaluation of Main Effects and Interaction with CYP2C9 Genetic Status  
**Joshua Roth**
- 729-S Using Matched Sampling Methods to Evaluate Whether a C17T Polymorphism in the Mu Opiate Receptor is Associated with Quantitative Measures of Drug Use in African-American Women  
**Allison Grossman**
- 730 Unhealthy Alcohol Use among HIV-Infected Men Who Have Sex with Men: A Cohort Study of U.S. Veterans  
**Brandon Marshall**
- 731 Heavy Drinking Patterns among HIV Negative Men Who Have Sex with Men: A Group-Based Trajectory Modeling Analysis  
**Brandon Marshall**
- 732 A Longitudinal Assessment of Risk Factors for Alcohol Relapse among Current and Former U.S. Service Members  
**Amber Seelig**
- 733 Smoking Initiation and Relapse among Older and Younger U.S. Service Members and Veterans  
**Amber Seelig**
- 734 Associations between the Use of Antidepressants and Other Medications  
**Ray Merrill**
- 735 Can We Reduce Alcohol-Attributable Violence by Focusing on Community Social Norms?  
**Katherine Keyes**
- 736-S Psychosocial Factors in Alcohol Dependence and Problem Drinking  
**Lauren Cole**
- 737-S Subtypes of Individuals in Remission from Alcohol Dependence in a Nationally Representative Sample  
**June H Kim**
- 738-S Accessibility to Cigarettes and Exposure to Tobacco Promotional Advertisements among Youth: Results from the Global Youth Tobacco Survey in Yemen, 2008  
**Raed Bahelah**
- 739-S Alcohol Consumption and Control Policies in the Eastern Mediterranean  
**Raed Bahelah**
- 740 The Long-Term Social and Economic Consequences of Persistent Cannabis Dependence  
**Magdalena Cerdá**

## **WOMEN'S HEALTH**

- 741 Racial/Ethnic Differences in Associations between Young Maternal Age, and Preterm Birth and Infant Mortality in the U.S.  
**Jean Y Ko**
- 742-S Self-Poisoning and Clandestine Abortion in Bamako, Mali  
**Hinde Hami**
- 743-S Sleep-Disordered Breathing and Insomnia Measures in a Population-Based Cohort of Midlife Women  
**Anna G Mirer**
- 744-S The Effect of Publicly Funded, School-Based Human Papillomavirus (HPV) Vaccination on Clinical Indicators of Sexual Activity: The Ontario Grade 8 HPV Vaccine Cohort Study  
**Leah Smith**
- 745 Bladder Antimuscarinics Use by Older Women Enrolled in the National Alzheimer's Coordinating Center Cohort  
**Daniela Moga**
- 746-S A Pregnancy and Postpartum Lifestyle Intervention in Women with Gestational Diabetes Improves Fasting Glucose Levels  
**Samantha Ehrlich**
- 747 Socioeconomic Patterning of Poor Sleep Quality among Employed Mothers: The Role of Unpaid Family Work  
**Bonnie Janzen**
- 748 The Socioeconomic Patterning of Rural Women's Health in a Canadian Province  
**Bonnie Janzen**
- 749 Bacterial Vaginosis and the Risk of Trichomonas Vaginalis Acquisition among HIV-Uninfected Women  
**Sufia Dadabhai**

750	Effects of the SAVA Syndemic-Related Factors on Viral Suppression among HIV-Positive Women of Color Receiving HIV Care <b>Lynne Messer</b>	
751	Robotic vs. Laparoscopic Hysterectomy for Benign Conditions <b>Rebecca Guth</b>	
752-S	Relationship between School Dropout and Teen Pregnancy among Rural South African Young Women <b>Molly Rosenberg</b>	
753	Depressive Symptoms, Anxiety Symptoms and Body Mass Index Influence on the Association between Menopausal Status and Insomnia in Middle-Aged Women: A Multicenter Latin America Analysis <b>Edward Mezones-Holguin</b>	
754-S	Pregnancy Hyperglycemia and Risk of Prenatal and Postpartum Depressive Symptoms <b>Tianyi Huang</b>	
7:00 pm onward	Alumni Reunions	Various locations Check message board

## FRIDAY, JUNE 27, 2014

8:00 – 9:30 am	<b>Plenary Session 3</b> <b>Session Chair:</b> Germaine Buck Louis  <a href="#">Distinguished Service to SER Award Winner</a> <b>Susan Sacks</b> <a href="#">Career Accomplishment Award Winner</a> <b>Lynn Rosenberg</b> <a href="#">Early Career Award Winner</a> <b>Daniel Westreich</b>	Grand Ballroom 1 & 2
9:30 – 10:00 am	Break	
10:00 am – 12 noon	<b>THEN &amp; NOW: BUILDING ON OUR HISTORY – FORGING OUR LEGACY</b> <b>Session Chair:</b> Germaine Buck Louis  <b>Social Forces</b> Patricia O’Campo & Arijit Nandi <b>Causal Thinking</b> Charles Poole & Nicole Gatto <b>Infectious Diseases</b> Kenrad Nelson & Daniel Westreich	Fifth Avenue
10:00 – 11:30 am	<b>Symposia 3</b>	
755	<b>ADVANCES AND CHALLENGES IN E-EPI</b> <b>SESSION CHAIR:</b> Tim Lash  The Karma Study - A Population-Based Study of 70 000 Women Using an Interactive Web-Based Questionnaire for Assessing Lifestyle Factors and Risk Factors for Breast Cancer <b>Katarina Bälter</b> Combining Internet-Based and Paper-Based Data Collection. A Validation Study of a FFQ Developed for Web Use in the Soon Parents Study <b>Ellen M Mikkelsen</b> Boston University Pregnancy Study Online (PRESTO) - Combined Data Collection - Data Collected in PRESTO and Data Collected from a Commercial Website “Fertility Friend” <b>Lauren Wise</b> Internet-Based Randomised Controlled Trial of the Effect of Loving-Kindness Meditation on Wellbeing and Helping Behaviour <b>Julieta Galante</b>	Grand Crescent
756	<b>MISSING INFORMATION IN EPIDEMIOLOGIC RESEARCH: ARE WE MISSING THE POINT (AND INTERVAL ESTIMATES)?</b> <b>SESSION CHAIR:</b> Stephen Cole and Enrique Schisterman  Introduction <b>Stephen Cole</b> Dealing with Incomplete Epidemiological Data Using Multiple Imputation <b>Neil Perkins</b> Inverse Probability Weighting for Non-Monotone Missing Data <b>Eric Tchetgen Tchetgen</b>  Discussant <b>Enrique Schisterman</b>	Grand Ballroom 1

**SESSION CHAIRS:** Daniel Westreich and Jennifer Ahern

Exposures and Interventions: A Framework

**Daniel Westreich**

Early Childhood Adversity and Psychopathology—An Illustration of the Utility of Population Intervention Parameters

**Jennifer Ahern**

Estimation Approaches for Interventional Effects

**Jess Edwards**

Discussant: The Consequences of Consequentialism

**Sandro Galea**

Discussant: It's All Applied

**Howard Frumkin**

**EXPOSOME**

**SESSION CHAIRS:** Nansi Boghossian and Edwina Yeung

The Blood Exposome and its Role in Disease Etiology

**Stephen Rappaport**

Gene Expression Profiling of Airway Epithelium as a Tool to Assess Physiological Responses to Inhaled Environmental Exposures

**Marc Lenburg**

Environment-Wide Association Studies (EWAS) for a More Complete View of Exposures in Disease

**Chirag Patel**

Lessons Learned for Developing an "Exposome" for Children's Cohort Studies: Challenges and Successes in Applying New Methods for Assessment, Integration, and Analytics

**Elaine M Faustman**

11:30 am – 12:00 noon

Break

12:00 – 1:00 pm

**Professional Development Sessions**

**ASK ANYTHING, LEADING EPIDEMIOLOGISTS ANSWER YOUR QUESTIONS YOU ARE AFRAID TO ASK**

**Session Chair:** Sandro Galea

**Panelists:**

Donna Arnett, University of Alabama

Diane Lauderdale, University of Chicago

Bernard Harlow, University of Minnesota

**EXCELLENCE IN EDUCATION AWARD WINNER: LESSONS IN MENTORING: WHAT I HAVE LEARNED FROM MENTORS AND MENTEES**

**Session Chair:** Susan Mayne

**HOW TO BE THE HAPPIEST EPIDEMIOLOGIST YOU CAN BE!**

**Session Chair:** Andrew Olshan

**Panelists:**

Brian Bradbury, Amgen, Inc.

Martha Werler, Boston University

Gwen Collman, NIEHS

Bianca de Stavola, London School of Hygiene and Tropical Medicine

1:00 pm

**Meeting Adjourned. See you in Denver! June 16-19, 2015**