**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016  | Withdrawn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

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The “-S” designation indicates that the work was completed while the presenter was a student.
Cancers with Increasing Incidence Trends among Young Adults in the United States
Edgar Simard

Dietary Fiber and Colorectal Cancer Risk in Women Versus Men: The Multiethnic Cohort
Song-Yi Park

Endometrial Carcinoma Stage and Mortality in Relation to Fallopian Tube Ligation
Ashley Felix

Incidence of Exocrine and Endocrine Pancreatic Cancers in the United States, 2001-2010
Mary Elizabeth O'Neill

Invasive Versus Noninvasive Melanoma: Are There Clues about Smoking and Drinking Relationships?
H Nicole Tran

Lycopene Intake and Risk of Prostate Cancer by TMPRSS2:ERG Subtype
Rebecca E Graff

Mortality of Testicular Cancer in East and West Germany 20 Years after Reunification: A Gap Not Closed Yet
Carsten Rusner

Risk Factors for Young-Onset Breast Cancer
Katie M O'Brien

Risk Models for Prediction of Esophageal Adenocarcinoma in Patients with Barrett's Esophagus
Aaron Thrift

Second Malignant Neoplasms in Survivors of Childhood Cancer
Ben Cannon

Sexual Behaviour and Head and Neck Cancers: A Systematic Review and Meta-Analysis
Marie-Claude Rousseau

Survival after Colorectal Cancer According to Family History of Disease
Amanda Phipps

Systemic Glucocorticoids and Early-Onset Basal Cell Carcinoma
Jose Ramon Troche

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

Second Primary Cancers among Female Breast Cancer Survivors by Hormone Receptor Status from 1992-2010
Sabah M Quraishi

Adult Physical Activity and Subsequent Risk of Breast Cancer by Molecular Subtype in The Nurses' Health Study
A Heather Eliassen

Associations between Objectively-Assessed Sedentary Time and Moderate-Vigorous Intensity Physical Activity and Obesity among Breast Cancer Survivors
Terry Boyle

Associations between Objectively-Assessed Sedentary Time and Moderate-Vigorous Intensity Physical Activity and Sleep Quality and Duration among Breast Cancer Survivors
Terry Boyle

Withdrawn

When Less is More: Understanding Factors Influencing Patient Attitudes and Behavior when Cervical Cancer Screening Guidelines Recommend Less Screening
Michelle Silver

Interaction of Diabetes and Obesity in Postmenopausal Breast Cancer Risk among White and Black Women in the Southern Community Cohort Study
Maureen Sanderson

Withdrawn

Racial Disparities in Breast Cancer Diagnosis and Treatment by Hormone Receptor and HER2 Status
Lu Chen

Use of Amniotic Tissue for Diabetic Foot Ulcers Therapy: An Evidence Review
Mary C Bocox

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

Evaluation of Cardio-Ankle Vascular Index in Association with Diabetes Mellitus among Japanese Urban Workers and Their Families
Mitusko Nakata

The Impact of Sitting on Type 2 Diabetes and Mortality
Calpurniya Roberts

All-Cause Mortality in Adults with and without Diabetes by Race-Ethnicity: United States, 1986-2006
Yiling Chen
Mobile Health Considerations for Persons with Diabetes: A Health Literacy Perspective  
Mark Macek

Establishing a TB Diabetes Cohort in a Developing Country: Experiences and Challenges of the Diabetes-Tuberculosis Treatment Outcome Study  
Fatima Mukhtar

C-Reactive Protein, Depressive Symptoms, and Incidence Of Diabetes: Results from the English Longitudinal Study of Ageing (ELSA)  
Bonnie Au

Increased Risk of Diabetes in Men and Women with Self-Perceived Chronic Stress Independent of Body Weight  
Yue Chen

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  
Cui Lin Zhang

Shift Work and Incident Diabetes in The Black Womens Health Study  
Edward A Ruiz-Narvaez

GLOBAL HEALTH

Cigarette Smoking among Foreign-Born Cambodian American Adults  
Che Wankie and Robert Friis

Moved to Symposia Session 1, Wednesday 3:30-5:00 pm

Global Educational Disparities in the Associations between Body Mass Index and Diabetes Mellitus in 49 Low- and Middle-Income Countries  
Aolin Wang

Moved to Concurrent Session 4, Thursday 4:15-5:45 pm

Breastfeeding is Associated with Lower Rates of Hospitalization among HIV-Exposed Uninfected Infants  
Kristjana Ashjörnsdóttir

Pathways to Health and Wellbeing – The Social Networks of Orphaned and Abandoned Children (OAC)  
Lynne C. Messer

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

The Dual Burden of Underweight and Overweight in Urban and Rural India over the Lifecourse  
Shivani Patel

HIV Prevalence and Determinants among Men Who Have Sex with Men and Transgender Women in Lima, Peru  
Elena Cyrus

Comparison of the PHQ-2 and the EPDS-B as Screening Tools for Depressive Symptoms among Post-Partum Women in Bangladesh  
Jean Y Ko

Withdrawn

Association between Diabetes and Dietary Patterns in Two Urban Communities of Nepal  
Archana Shrestha

A Compilation of National Health Accounts Data from 1996 to 2010: A Review and Assessment of Country-Generated NHA Data  
Anthony Bui

Raw Milk Consumption in Mexican Migrant Sending Communities to the USA  
Lorena Garcia

INFECTIOUS

Duration of Pertussis Immunity Following Five Doses of Dtap: A Systematic Review and Meta-Analysis  
Ashleigh McGirr

Epidemiology of Polymicrobial Infections in Methicillin Resistant Staphylococcus Aureus Associated Acute Bacterial Skin and Skin Structure Infections  
Richard Evans

Estimating the Public Health Benefit Due to Influenza Vaccination among Pregnant Women and Infants Aged Less than 6 Months  
Carrie Reed

Risk Factors Associated with La Crosse Encephalitis in Western North Carolina, 2010-2012  
John Wallace

Spatiotemporal Patterns of Cutaneous Anthrax in China, 2005–2012  
Haifong Sun

Characteristics of Unpasteurized (Raw) Milk Consumers  
Michael Bazaco

Using Video Analysis to Describe Social Mixing and Infectious Disease Transmission at Large Mass Gatherings – A Proof-Of-Principle Project  
Jeanette J Rainey
The "S" designation indicates that the work was completed while the presenter was a student.
The “S” designation indicates that the work was completed while the presenter was a student.
Examining Sedentary Work and Weight Gain Prospectively: Evidence from NLSY79
Tin-chi Lin

Oxidative Stress Programs Appetite?
Zhong-Cheng Lou

Hormonal Contraceptive Use in Pregnancy and Offspring Overweight or Obesity
Elizabeth T Jensen

Using Recursive Partitioning Analysis to Estimate Complex Associations between Neighborhood and Individual Characteristics and Obesity in Children
Andreea Van Hulst

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

Blood AChE and BChE as Biomarkers of Cholinesterase Depression among Pesticide Handlers
Jean Strelitz

Construction of a Location-Exposure Matrix for Ionizing Radiation in Low Earth Orbit
Robert J Reynolds

Ionizing Radiation from Extraterrestrial Environments and the Risk of Death from Cancer and All Natural Causes among US Astronauts, 1959-2011
Robert J Reynolds

Effectiveness of a Health Promotion Program among Employees in a Western United States School District
Ray Merrill

Occupational Exposure to Ultrafine Particles among Airport Employees in Copenhagen Airport, Denmark - Combining Personal Monitoring and Global Positioning System
Karina Møller

Acute Myeloid Leukemia Risk by Industry and Occupation
Rebecca Tsai

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

Hypertension Prevalence and Treatment among a Large Cross-Section of Commercial Truck Drivers
Matthew Thiese

Mortality and Causes of Death for Russian and Soviet Cosmonauts, 1960-2013
Steven M Day

Building-Related Health Symptoms and Classroom Conditions: A Survey of School Teachers in New York State
Christine Kielb

Withdrawn

The Association of Cumulative Silica Exposure with Lung Disease Outcomes in Taconite Miners
Nnaemeka Odo

Blood Spot Adiponectin and Infant Birth Size
Edwina Yeung

Examining the Association between Exclusive Breastfeeding and Asthma in a Predominantly Immigrant Latino Population
Gretchen Bandoli

Executive Functioning and Early Childhood Obesity
Amanda Brzozowski

Factors Associated with Hospital Resource Utilization in a Population-Based Study of Infants with Down Syndrome
April Dawson

Genitourinary Conditions Requiring Medical Intervention in a Population-Based Cohort of Males with Duchenne/Becker Muscular Dystrophies
Yong Zhu

Labor Patterns in Women Attempting Vaginal Birth after Cesarean (VBAC) from the Consortium on Safe Labor Study
Katherine Laughon Grantz

Maternal Polybrominated Diphenyl Ether Concentrations (Pbdes) and Thyroid Hormone Levels in Maternal and Cord Serum
Ann M Vuong

Maternal Serum Markers of Lipid Metabolism in Relation to Neonatal Anthropometry
Nansi Boghossian

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7 |
The “S” designation indicates that the work was completed while the presenter was a student.
<table>
<thead>
<tr>
<th>RESPIRATORY</th>
</tr>
</thead>
<tbody>
<tr>
<td>201-S</td>
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</tbody>
</table>

| 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 |

<table>
<thead>
<tr>
<th>STATISTICS</th>
</tr>
</thead>
<tbody>
<tr>
<td>208-S</td>
</tr>
<tr>
<td>Kyle Hart</td>
</tr>
</tbody>
</table>

| 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 |

<table>
<thead>
<tr>
<th>WOMEN’S HEALTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>211-S</td>
</tr>
<tr>
<td>Kristi Storti</td>
</tr>
</tbody>
</table>

| 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 |
| Hong Ju     |

| 219-S       | Premenstrual Syndrome and Dysmenorrhea: Symptom Trajectories over 13 Years in Young Adults |
| Hong Ju     |

| 220-S       | Prevalence and Risk Factors of Dysmenorrhea: Concurrency 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

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**Wednesday, June 25, 2014**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
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<tbody>
<tr>
<td>7:00 – 7:50 am</td>
<td><strong>Breakfast with the Experts</strong></td>
<td>Location on Ticket</td>
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<tr>
<td>8:00 – 9:30 am</td>
<td><strong>Plenary Session 1</strong>&lt;br&gt;<strong>Session Chair:</strong> Sandro Galea</td>
<td>Grand Ballroom 1 &amp; 2</td>
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<td></td>
<td><strong>SER President's Address, Germaine Buck Louis</strong>&lt;br&gt;<strong>Revolutionary Changes in the Design and Conduct of Epidemiologic Research – Are We Ready?</strong></td>
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<td><strong>Keynote Address, Cynthia Dwork, Microsoft Research</strong>&lt;br&gt;<strong>Pleasures, Pressures, and Surprises of Differential Privacy</strong></td>
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<td>9:30 – 10:00 am</td>
<td>Break</td>
<td>Fifth Avenue</td>
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<tr>
<td>10:00 am – 12 noon</td>
<td><strong>THEN &amp; NOW: BUILDING ON OUR HISTORY – FORGING OUR LEGACY</strong>&lt;br&gt;<strong>Session Chair:</strong> Julie Buring</td>
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<td></td>
<td><strong>Cancer</strong>&lt;br&gt;Scott Davis &amp; Kirsten Moysich&lt;br&gt;<strong>Cardiovascular</strong>&lt;br&gt;David Siscovick &amp; CuiLin Zhang&lt;br&gt;<strong>Perinatal</strong>&lt;br&gt;Carol J Rowland Hogue &amp; Suzanne Tough</td>
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<td>10:00 – 11:30 am</td>
<td><strong>Concurrent Contributed Sessions 1 (CCS1)</strong></td>
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<td><strong>ADVANCING METHODOLOGIC THINKING IN STUDIES ON WOMENS’ HEALTH</strong>&lt;br&gt;<strong>Session Chair:</strong> Marlene Goldman</td>
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</tr>
<tr>
<td>225</td>
<td>Premenstrual Syndrome and Subsequent Hypertension in a Prospective Study&lt;br&gt;<strong>Elizabeth Bertone-Johnson</strong></td>
<td></td>
</tr>
<tr>
<td>226</td>
<td>Development and Validation of a 9-Year Mortality Index for Postmenopausal Women 50 and Above&lt;br&gt;<strong>Dejana Braithwaite</strong></td>
<td></td>
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<tr>
<td>227</td>
<td>Mapping the Metabolic Syndrome Components during the Menopausal Transition: A Multi-Ethnic Study&lt;br&gt;<strong>Jennifer Lee</strong></td>
<td></td>
</tr>
<tr>
<td>228</td>
<td>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&lt;br&gt;<strong>Bernard L Harlow</strong></td>
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<tr>
<td>229</td>
<td>History of Uterine Leiomyomata and Risk of Endometrial Cancer in Black Women&lt;br&gt;<strong>Lauren A Wise</strong></td>
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<tr>
<td></td>
<td><strong>ENVIRONMENTAL AND OCCUPATIONAL EPIDEMIOLOGY</strong>&lt;br&gt;<strong>Session Chair:</strong> Matt Strickland</td>
<td>Grand Crescent</td>
</tr>
<tr>
<td>230-S</td>
<td>The Effect of Hurricane Sandy on Cardiovascular Events in New Jersey&lt;br&gt;<strong>Joel Swerdel</strong></td>
<td></td>
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<tr>
<td>231-S</td>
<td>Maternal Exposure to Nitrogen Dioxide, Dietary Intake of Methyl-Nutrients and Congenital Heart Defects in Offspring&lt;br&gt;<strong>Jeanette A Stingone</strong></td>
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<tr>
<td>232-S</td>
<td>Classification and Regression Trees for Epidemiologic Research&lt;br&gt;<strong>Katherine Gass</strong></td>
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<tr>
<td>233-S</td>
<td>Using Boosted Regression Trees in Epidemiologic Modeling: An Example Predicting Incident Cataracts among Medical Radiologic Technologists&lt;br&gt;<strong>Craig S Meyer</strong></td>
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<td></td>
<td><strong>APPLIED METHODS IN INFECTIOUS DISEASE EPIDEMIOLOGY: PROSPECTS AND PRACTICE</strong>&lt;br&gt;<strong>Session Chairs:</strong> Jeff Martin and Brandon Marshall</td>
<td>Elliott Bay</td>
</tr>
<tr>
<td>234-S</td>
<td>A Multilevel Geospatial Analysis of Risk Factors for Lyme Disease&lt;br&gt;<strong>Kiersten Kugeler</strong></td>
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<tr>
<td>235-S</td>
<td>Pre-Diagnostic School-Based Syndromic Surveillance System Early: Detected Cases of Enterovirus- and Influenza-Like Illness in Taipei, Taiwan&lt;br&gt;<strong>Ting-Chia Weng</strong></td>
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<thead>
<tr>
<th>Session</th>
<th>Title</th>
<th>Author(s)</th>
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<tbody>
<tr>
<td>236-S</td>
<td>Children Partially Immunized at Two Years of Age: Are they Selectively Immunizing or Failing to Complete the Vaccine Series?</td>
<td>Shannon MacDonald</td>
</tr>
<tr>
<td>237</td>
<td>African American Race and HIV Virologic Suppression beyond Disparities in Clinic Attendance: A Causal Mediation Analysis Approach</td>
<td>Chanelle Howe</td>
</tr>
<tr>
<td>238-S</td>
<td>Estimating the Causal Effect of Prep for HIV-1 Prevention</td>
<td>Pamela Murnane</td>
</tr>
<tr>
<td>239-S</td>
<td>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</td>
<td>Angela Bengtson</td>
</tr>
<tr>
<td></td>
<td><strong>CURRENT RESEARCH IN LIFECourse EPIDEMIOLOGY: MULTIGENERATIONAL, Prenatal, and Childhood Influences on Health</strong></td>
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<td><strong>SESSION CHAIR:</strong> Kerry Keyes</td>
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<td>240-S</td>
<td>Maternal Age of Menarche and Body Mass Index: Evidence from Hong Kong’s “Children of 1997” Birth Cohort</td>
<td>Tsz Chun Lai</td>
</tr>
<tr>
<td>241-S</td>
<td>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</td>
<td>Noel Mueller</td>
</tr>
<tr>
<td>242-S</td>
<td>Lifetime Socioeconomic Position and Cognitive Decline: The ARIC Neurocognitive Study</td>
<td>Mehul Patel</td>
</tr>
<tr>
<td>243</td>
<td>The Influence of Early Growth and Socio-Economic Status on Hearing at Age 61-63 Years: Newcastle Thousand Families Study</td>
<td>Mark Pearce</td>
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<tr>
<td>10:00 – 11:30 am</td>
<td><strong>SDRdigital Award Winners</strong></td>
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<td><strong>SESSION CHAIRS:</strong> Abdul El-Sayed and Dana Pasquale</td>
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<tr>
<td>E01</td>
<td>Quantifying Lead-Time Bias in Risk-Factor Studies of Cancer through Simulation</td>
<td>Rick Jansen</td>
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<tr>
<td>E02</td>
<td>Synthetic Likelihood Approach for Quantifying Multi-scale Epidemic Processes from Large and Complex Data Sets</td>
<td>Corentin Barbu</td>
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<tr>
<td>E03</td>
<td>Broken Windows by Way of Microsoft Windows: Ecometrics and Validity of a Neighborhood Physical Disorder Measure Constructed by Virtual Street Audit</td>
<td>Stephen Mooney</td>
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<tr>
<td>11:30 am – 1:30 pm</td>
<td>Lunch (on your own)</td>
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<td>12:00 – 1:00 pm</td>
<td><strong>Roundtables</strong></td>
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<td><strong>Student and PostDoc Career Panel</strong></td>
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<td><strong>Meet the Editors (Sponsored by the American Journal of Epidemiology)</strong></td>
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<tr>
<td>1:30 – 3:00 pm</td>
<td><strong>Concurrent Contributed Sessions 2 (CCS2)</strong></td>
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<tr>
<td></td>
<td><strong>FECUNDABILITY: NOVEL METHODS AND FINDINGS</strong></td>
<td></td>
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<td><strong>SESSION CHAIR:</strong> Lauren Wise</td>
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<tr>
<td>244</td>
<td>Immortal Person-Time and Intention to Treat Analysis: Biologic vs. Public Health Effects</td>
<td>Sunni Mumford</td>
</tr>
<tr>
<td>245-S</td>
<td>Error in Maternal Recall of Time-To-Pregnancy</td>
<td>Rose Radin</td>
</tr>
<tr>
<td>246-S</td>
<td>How Long after Miscarriage Should Women Wait before Trying to Become Pregnant Again?</td>
<td>Karen Schliep</td>
</tr>
<tr>
<td>247</td>
<td>Randomized Clinical Trial of Preconception Low Dose Aspirin Use and Pregnancy Rate: The Eager Trial (2006-2012)</td>
<td>Enrique Schisterman</td>
</tr>
<tr>
<td>248-S</td>
<td>Adverse Childhood Event Experiences, Menstrual Cycle Characteristics, and Fertility Difficulties</td>
<td>Marni Jacobs</td>
</tr>
</tbody>
</table>
MODIFIABLE RISK FACTORS FOR BREAST CANCER: STILL SEARCHING

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

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

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

SESSION CHAIRS: Kiarrri 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

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
<table>
<thead>
<tr>
<th>Session</th>
<th>Title</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>L03</td>
<td>Black Carbon Exposure is Associated with Higher Rates of Bone Loss in Men</td>
<td>Diddier Prada</td>
</tr>
<tr>
<td>L04</td>
<td>Medications as a Source of Paraben Exposure in Women and Men of Reproductive Age</td>
<td>Laura Dodge</td>
</tr>
<tr>
<td>L05</td>
<td>Health Characteristics of Caregivers</td>
<td>Elena Andresen</td>
</tr>
<tr>
<td>L06</td>
<td>Changes in Fat Mass, Lean Mass and Muscle Strength with Aging: Do Racial/Ethnic Differences Exist?</td>
<td>Benedetta Bartali</td>
</tr>
<tr>
<td>L07</td>
<td>Preventing Loss of Independence through Exercise (PLIE): A Novel Integrative Exercise Program for Individuals with Dementia</td>
<td>Deborah Barnes</td>
</tr>
<tr>
<td>L08</td>
<td>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</td>
<td>Elysia Larson</td>
</tr>
</tbody>
</table>

3:00 – 3:30 pm  
Break

3:30 – 5:00 pm  
Symposia 1

266  
**RECENT DEVELOPMENTS IN CAUSAL MEDIATION ANALYSIS**  
**SESSION CHAIR:** Arijit Nandi  
**Grand Ballroom 2**

- Introduction  
  Jay Kaufman
- Mediation Analysis with Multiple Mediators  
  Stijn Vansteelandt
- Mediation Analysis with Multiple Mediators: An Application to the Study of Adolescent Eating Disorders  
  Bianca De Stavola
- Unmeasured Confounding and Measurement Error in Mediation Analysis  
  Saskia Le Cessia
- A Unification of Mediation and Interaction: A Four-way Decomposition  
  Tyler VanderWeele

267  
**THE ROLE OF EPIDEMIOLOGY IN TOBACCO CONTROL AND PRODUCT REGULATION: LOCAL, NATIONAL, AND INTERNATIONAL PERSPECTIVES**  
**SESSION CHAIR:** Benjamin Apelberg  
**Vashon**

- Using Epidemiologic Methods to Guide and Evaluate Comprehensive Tobacco Control in New York City  
  Michael Johns
- The Use of Epidemiology to Inform FDA Tobacco Product Regulation  
  Benjamin Apelberg
- Trends in Tobacco Smoking Cessation in High Income Countries, 1985-2010  
  David Phillips

268  
**DATA SHARING: WHY WE HATE IT, WHY WE NEED IT, AND WAYS TO GET THERE**  
(sponsored by EPIDEMIOLOGY)  
**SESSION CHAIR:** Allen Wilcox  
**Grand Ballroom 2**

- The Right of Data Sharing  
  Charlie Poole
- Data Sharing: Peaks and Pitfalls  
  Dale Santner
- Data Sharing: Making it Work  
  Catherine Metayer
- Changing the Culture: A New Policy at EPIDEMIOLOGY  
  Allen Wilcox

269  
**CHALLENGES IN MEASURING FERTILITY POTENTIAL, ITS TEMPORAL AND GEOGRAPHIC VARIATION AND IMPLICATIONS FOR ADULT HEALTH**  
**SESSION CHAIRS:** Shanna Swan and Niels Erik Skakkebaek  
**Grand Ballroom 2**

- Impaired Male Fertility; Determinants, Trends and Implications for Adult Health  
  Niels Erik Skakkebaek

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The “-S” designation indicates that the work was completed while the presenter was a student.
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
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### Cardiovascular

<table>
<thead>
<tr>
<th>ID</th>
<th>Title</th>
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<tbody>
<tr>
<td>310-S</td>
<td>A 35-Year Perspective (1975-2009) into the Long-Term Prognosis of Patients Hospitalized with a First Acute Myocardial Infarction</td>
<td>Han-Yang Chen</td>
</tr>
<tr>
<td>311-S</td>
<td>Association between Telomere Length, Inflammation and Cardiovascular Risk</td>
<td>Liya Lu</td>
</tr>
<tr>
<td>312</td>
<td>Withdrawn</td>
<td></td>
</tr>
<tr>
<td>313</td>
<td>Psychometric Evaluation of the Chinese Version of the Morisky Medication Adherence Scale: Evidence from the FAMILY Cohort</td>
<td>Michael Y Ni</td>
</tr>
<tr>
<td>314-S</td>
<td>Effects of Cardiorespiratory Fitness on Blood Pressure Trajectory with Aging in a Cohort of Healthy Men</td>
<td>Junxiu Liu</td>
</tr>
<tr>
<td>315</td>
<td>Raynaud Phenomenon and Mortality: Results after 20+ Years of Follow-Up in The Charleston Heart Study</td>
<td>P Nietert</td>
</tr>
<tr>
<td>316-S</td>
<td>Withdrawn</td>
<td></td>
</tr>
<tr>
<td>317-S</td>
<td>Autonomy Support, Motivation and Adherence to Cardiac Rehabilitation</td>
<td>Yacob Tedla</td>
</tr>
<tr>
<td>318-S</td>
<td>The Association between Upper Leg Length-To-Height Ratio and Metabolic Syndrome among Middle-Aged USA Adults – Results from the NHANES 2009-2010</td>
<td>Mike Pryzbek</td>
</tr>
<tr>
<td>319-S</td>
<td>Work Economic Sectors and Cardiovascular Risk Factors: Cross-Sectional Analysis Based on the RECORD Study</td>
<td>Antoine Lewin</td>
</tr>
<tr>
<td>320-S</td>
<td>Association between Arsenic Exposure from Drinking Water or Urine and Blood Pressure Change: Result from the Health Effects of Arsenic Longitudinal Study</td>
<td>Jieying Jiang</td>
</tr>
<tr>
<td>321-S</td>
<td>Association of Major Dietary Patterns and Blood Pressure Longitudinal Change in Bangladesh</td>
<td>Jieying Jiang</td>
</tr>
<tr>
<td>322-S</td>
<td>Interaction between Arsenic Exposure from Drinking Water and Genetic Susceptibility in Cardiovascular Disease Risk and Carotid Artery Intima-Media Thickness in Bangladesh</td>
<td>Fen Wu</td>
</tr>
<tr>
<td>323-S</td>
<td>Hypertension -The Hidden and the Untamed Beast: Preliminary Findings from the Dhulikhel Heart Study, Nepal</td>
<td>Biraj Karmacharya</td>
</tr>
<tr>
<td>324</td>
<td>Multilevel Determinants of Venous Thromboembolism among Hospitalizations of US Adults</td>
<td>James Tsai</td>
</tr>
<tr>
<td>325-S</td>
<td>The Change of Economic Burden on Acute Myocardial Infarction in South Korea from 2008 to 2011</td>
<td>Eun Jung Kim</td>
</tr>
<tr>
<td>326-S</td>
<td>Withdrawn</td>
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</tr>
<tr>
<td>327-S</td>
<td>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)</td>
<td>Cristina Baena</td>
</tr>
<tr>
<td>328-S</td>
<td>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</td>
<td>Harish Aggarwal</td>
</tr>
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### Environmental

<table>
<thead>
<tr>
<th>ID</th>
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<tbody>
<tr>
<td>329-S</td>
<td>The Effect of Extreme Heat on Mental Health – Evidence from Australia</td>
<td>Ning Ding</td>
</tr>
<tr>
<td>330</td>
<td>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</td>
<td>Remy Slama</td>
</tr>
<tr>
<td>331-S</td>
<td>Chronic Exposure to Organophosphate Pesticides and its Effect on Ivorian Schoolchildren Abilities in Rey-Osterrieth Complex Figure</td>
<td>Pacôme Kouadio N’go</td>
</tr>
<tr>
<td>332</td>
<td>Early Life Bisphenol A Exposure and Child Body-Mass Index: A Prospective Cohort Study</td>
<td>Joseph Braun</td>
</tr>
<tr>
<td>333-S</td>
<td>Using a Novel Environmental Quality Measure to Understand Population-Level Physical Inactivity</td>
<td>Christine Gray</td>
</tr>
<tr>
<td>334</td>
<td>Maternal Residential Proximity to Chlorinated Solvent Emissions and Birth Defects in Offspring</td>
<td>Jean Breender</td>
</tr>
<tr>
<td>335-S</td>
<td>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</td>
<td>Susanne Hansen</td>
</tr>
<tr>
<td>336-S</td>
<td>The Effects of Air Pollution on Adverse Birth Outcomes</td>
<td>Sandie Ha</td>
</tr>
</tbody>
</table>

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</tr>
</thead>
<tbody>
<tr>
<td>337</td>
<td>Environmental Phenols and Reproductive Hormones in Premenopausal Women</td>
<td>Anna Pollack</td>
</tr>
<tr>
<td>338-S</td>
<td>Hair Mercury and Clinical Outcomes among Women Undergoing In Vitro Fertilization</td>
<td>Myriam Afeiche</td>
</tr>
<tr>
<td>339-S</td>
<td>Phthalate Exposure and Age at Menarche in US Girls</td>
<td>Taara Bhat</td>
</tr>
<tr>
<td>340-S</td>
<td>Residential Proximity to Agricultural Pesticides and Risk of Cardiac Birth Defects</td>
<td>Kristen M Rappazzo</td>
</tr>
<tr>
<td>341</td>
<td>Trimester Specific PM2.5 Exposure and Fetal Growth in Ohio, 2007-2010</td>
<td>Aimin Chen</td>
</tr>
<tr>
<td>342-S</td>
<td>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</td>
<td>Mehreen Mujtaba</td>
</tr>
<tr>
<td>343-S</td>
<td>Offactory Perception and Fragranced Product Use in a Sample of Twins</td>
<td>Matthew O Gribble</td>
</tr>
<tr>
<td>344-S</td>
<td>Objective Measurement of Erythemal Ultraviolet B Radiation (UVB) from 1979-2009 and Implications for Exposure Assessment</td>
<td>Marvin Langston</td>
</tr>
<tr>
<td>345</td>
<td>A Systematic Appraisal of Field Synopses in Genetic Epidemiology</td>
<td>Orestis Panagiotou</td>
</tr>
<tr>
<td>346-S</td>
<td>Clinical and Genetic Associations with Cognitive Impairment Assessed Using TICS-M in Multiple Sclerosis</td>
<td>Michaela George</td>
</tr>
<tr>
<td>347-S</td>
<td>Race Versus Ancestry: Does Socially or Genetically Defined Race Predict Dementia Risk in Older Americans?</td>
<td>Jessica R Marden</td>
</tr>
<tr>
<td>348-S</td>
<td>Using an Alzheimer’s Disease Polygenic Risk Score to Predict Memory Decline</td>
<td>Jessica R Marden</td>
</tr>
<tr>
<td>349-S</td>
<td>A Trans-Ethnic, Genome-Wide Association Study of Ventricular and Supraventricular Ectopy</td>
<td>Melanie D Napier</td>
</tr>
<tr>
<td>350</td>
<td>Admixture Mapping of Type 2 Diabetes in African American Women</td>
<td>Edward A Ruiz-Narvae</td>
</tr>
<tr>
<td>351</td>
<td>Epigenome-Wide Study Identifies Novel Methylation Loci Associated with Plasma Adiponectin</td>
<td>Stella Aslibekyan</td>
</tr>
<tr>
<td>352</td>
<td>Genetically Predicted 17β-Estradiol and Systemic Inflammation in Women: A Separate-Sample Mendelian Randomization Analysis in the Guangzhou Biobank Cohort Study</td>
<td>C Mary Schooling</td>
</tr>
<tr>
<td>353</td>
<td>An Epidemiologic Insight from the Twin and Family Studies: Health Effects of Kimchi Eating Trial and Salt Intake and Habits as an Example</td>
<td>Joohon Sung</td>
</tr>
<tr>
<td>354-S</td>
<td>Body Size and Obesity Gene Variation Contribute to Multiple Sclerosis Susceptibility</td>
<td>Milena Gianfrancesco</td>
</tr>
<tr>
<td>355-S</td>
<td>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</td>
<td>Lindsay Fernández-Rhodes</td>
</tr>
<tr>
<td>356-S</td>
<td>Obesity-Related Genetic Variants are Associated with Age at Menarche in the Multiethnic National Longitudinal Study of Adolescent Health</td>
<td>Angela Liu</td>
</tr>
<tr>
<td>357</td>
<td>Genome Wide Association Study of Urgency Urinary Incontinence</td>
<td>Nedra Whitehead</td>
</tr>
<tr>
<td>358-S</td>
<td>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</td>
<td>Maya A Kesler</td>
</tr>
<tr>
<td>359</td>
<td>The Consequences of Methodology Changes to National Surveys on Monitoring HIV Testing Trends in the United States</td>
<td>Michelle Van Handel</td>
</tr>
<tr>
<td>360</td>
<td>Use of P-Technique to Examine the Dynamic Relationship among STD-Associated Feelings and Perceptions in a Cohort of Adolescent Females</td>
<td>Pamela Matson</td>
</tr>
<tr>
<td>361-S</td>
<td>Survival by Race/Ethnicity and Sex among Treated, HIV-Infected Adults</td>
<td>Catherine Lesko</td>
</tr>
<tr>
<td>362-S</td>
<td>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</td>
<td>Lydia Feinstein</td>
</tr>
</tbody>
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Identifying Conditions Associated with Being Highly Imaged from Computed Tomography (CT)
Leslie D McIntosh

Whose Burden? Synthesizing Evidence from Diverse Perspectives for a Comprehensive Description of Disease Burden
Arianna Waye

Assessing Positivity in Environmental Epidemiology: Applications to Multi-Pollutant Modeling
Jonathan M Snowden

Principle Component Analysis with Incomplete Data: A Simulation of R pcaMethods Package in Constructing an Environmental Quality Index with Missing Data
Shannon Grabich

Withdrawn

Using Routine Health Information Systems for Well-Designed Health Evaluations in Low-And Middle-Income Countries
Bradley Wagenaar

Accounting for Measurement Error in Marginal Structural Models: Joint Effects of Smoking and Antiretroviral Therapy
Jessie K Edwards

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

A Regression-Based Approach for Adjusting for Comorbid Conditions in the Estimation of United States Disease Expenditure, 1996-2010
Jonathan Joseph

Assessing Health System Productivity by Disease and Injury, Age, and Sex for the United States, 1996-2010
Ranju Baral

Considerations for Estimating Disease Prevalence with Administrative Claims Data
Elizabeth T Jensen

CUSUM and Funnel Plot for the Evaluation of Clinical Performance in Heart Transplant in France
Nasser Hawajri

Estimating Health Expenditure by Disease and Injury, Age, and Sex, for the United States, 1996-2010
Anthony Bui

Using Qualitative Methods to Inform Confounding: An Example in Breast Imaging
Karen Wernli

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

Mediation Misgivings: Ambiguous Clinical and Public Health Interpretations of Natural Direct and Indirect Effects
Ashley Naimi

Generalized Estimating Equations or Hierarchical Models: When and Why?
Shabbar Ranapurwala

PERINATAL/PEDIATRIC

Exposure to Polycyclic Aromatic Hydrocarbons during Pregnancy and Preterm Birth
Amy Padula

Maternal Urinary Bisphenol A during Pregnancy and Maternal and Neonatal Thyroid Hormone Concentrations
Megan E Romano

Prenatal Exposure to Heavy Metals and Perfluoroalkylacids and Cord Blood Levels of Immune System Biomarkers
Jillian Ashley-Martin

Prenatal Exposure to Perfluorinated Chemicals and Risk of Congenital Cerebral Palsy in Children
Zeyan Liew

Labor Induction and Cesarean Delivery: Implications in the Choice of Comparison Group
Valery Danilack

Prenatal Phthalate Exposure and Fat Mass in Childhood: Examining the Obesogen Hypothesis
Jessie Buckley

Small for Gestational Age Infants Born to Asthmatic Mothers in Association with First Trimester Air Pollution
Pauline Mendola

Cord Blood Leptin Methylation Is Associated with the Risk of Macrosomia: A Case-Control Study
Zi-Wei Liu

Infant Sex-Specific Placental Cadmium and DNA Methylation Associations: The Omega Study
April Mohanty

Premasticated Food and Infant Weaning Practices in a Setting of High HIV Burden
Sufia Dadabhai

Risk Factors for Hypertensive Disorders of Pregnancy among HIV-Negative Tanzanian Women
Ellen O'Neal
Evaluating the Indirect Effects of Maternal HIV Status on Birth Outcomes with Exposure to HAART as Mediator: A New Counterfactual Approach

KeleSitse Phiri

The Clinician’s Perspective: Decision-Making Following Suspicion or Diagnosis of a Severe Congenital Anomaly

Lucy Smith

Hospital Readmissions with Endometritis in California 2004-2010

Kerry Bommarito

Comparative Safety of Buprenorphine vs. Methadone in Pregnancy: Systematic Review and Meta-Analysis

Susan Brogly

Social-Behavioral Cue Assessment in Child Abuse Evaluations

Crystal Silva

Suspected Non-Accidental Trauma in Pediatrics: Young Children with Suspicious Injury Warrant Further Examination

Rebecca Ragar

Child and Adolescent Psychiatric Disorders as a Risk Factor for Schizophrenia: A Nationwide Population-Based Study

I-Ning Tsai

Maternal Migration Status and Childhood Psychological Health: Evidence from Hong Kong’s “Children of 1997” Birth Cohort

Cherry Leung

Neurobehavioral Scores at 5 Weeks in Relation to Autistic Traits at 4 and 5 Years

Katherine Bowers

Predictive Validities of Minor Physical Abnormalies in Adolescents with Risk Behaviors

Shu-Ting Gan

School Start Time and Sleep Patterns among U.S. Adolescents: Results from The National Comorbidity Survey – Adolescent Supplement

Diana Paksarian

A Life-Table Analysis to Explore Factors Associated with Selective Study Participation in the National Birth Cohort in Japan

Kohta Suzuki

Mind Your Data Source: Pregnancy Complications Differ by Source

Candace Robledo

Parent Marital Status and Other Measures of Family Composition: What Works Best as a Covariate in Pediatric Research?

Michelle Garrison

Placental Weight and Small for Gestational Age: A Within-Siblings Fixed-Effect Variance Component Analysis

Miguel Angel Luque-Fernandez

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

Differential Item Functioning of the Everyday Discrimination Scale by Age across Five Racial Groups

Sherry Owens

Disrespect and Abuse during Childbirth as a Social Determinant of Health Care Utilization

Stephanie Kujawski

Longitudinal Neighborhood Characteristics and Incident Hypertension

Paulina Kaiser

Associations between Neighbourhood Typology Based on Features of the Built Environment and Sedentary Time in Youth

Tracie A Barnett

Religious Service Attendance and All-Cause Mortality: A Mediation Analysis

Shanshan Li

Longitudinal Relationships between Neighborhood Physical Environments and Incident Type 2 Diabetes Mellitus

Paul Christine

Does Seatbelt Use Explain Socioeconomic Differences in Traffic Accident Mortality?

Sam Harper

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

Genetic and Social Endowments for the Age of Retirement as Contributors to Intergenerational Health Inequality

David Rehkopf

Chronic Financial Hardship and Cognitive Performance in Midlife in a Biracial Cohort

Adina Zeki Al hazzouri

The Effect of Cognitive Social Capital on Common Mental Disorder in Taiwan

Yun-Hsuan Wu
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**THURSDAY, JUNE 26, 2014**

7:00 – 7:50 am  
**Breakfast with the Experts**  
Location on Ticket

8:00 – 9:30 am  
**Plenary Session 2**  
**Session Chair:** Andrew Olshan

- **Cassel Lecture, Tyler VanderWeele, Harvard University**  
  *How to Reduce Health Disparities? Upon What to Intervene? Methodological Considerations in Social Epidemiology*

- **Tyroler Lilienfeld Student Prize Paper, Samantha Parker**  
  *Induced Abortions and Risk of Preeclampsia among Nulliparous Women*

9:30 – 10:00 am  
Break

10:00 am – 12 noon  
**THEN & NOW: BUILDING ON OUR HISTORY — FORGING OUR LEGACY**  
**SESSION CHAIR:** Timothy Lash  
**Location:** Fifth Avenue

- **Nutrition**  
  Walter Willett & Whitney Robinson

- **Occupation/Environment**  
  Beate Ritz & Michael Bloom

- **Tobacco/Smoking**  
  Gary Friedman & Benjamin Apelberg

10:00 – 11:30 am  
**Concurrent Contributed Sessions 3 (CCS3)**  
**Location:** Elliott Bay

- **AGING IN THE ERA OF MODERN EPIDEMIOLOGY: NEW METHODS AND NEW QUESTIONS IN THE STUDY OF OLDER PEOPLE**  
  **SESSION CHAIR:** Jennifer Weuve

  - 478-S  
    Accounting for Selective Survival in Research on Determinants of Cognitive Decline: A Simulation Framework  
    Elizabeth Rose Mayeda

  - 479  
    Testing Empirical Explanations for Spousal Caregiving and Decreased Mortality Risk  
    Benjamin Capistrant

  - 480  
    Early Life Instruction in Foreign Language and Music and Incidence of Mild Cognitive Impairment  
    Bryan James

  - 481  
    Relationships between Parkinson’s Disease and Use of Cigarettes, Cannabis, Alcohol and Coffee in a Case-Control Study  
    M Anne Harris

  - 482-S  
    Prevalence of Multimorbidity among U.S. Adults in 2007-2010 – Data from The National Health and Nutrition Examination Survey  
    Min Kim

  - **ENVIRONMENT AND LIFESTYLE EFFECTS ON MALE AND FEMALE REPRODUCTIVE HEALTH**  
    **SESSION CHAIR:** Sunni Mumford  
    **Location:** Grand Crescent

  - 483-S  
    Soy-Based Infant Formula Feeding and Fibroid Risk  
    Kristen Upson

  - 484-S  
    Fruit and Vegetable Intake, Pesticide Residue Status, and Semen Parameters among Subfertile Men  
    Yu-Han Chiu

  - 485-S  
    Paternal Urinary Levels of Phenols in Relation to Reproductive Outcomes among Couples  
    Laura Dodge

  - 486  
    Preconception Serum DDT And B-Vitamin Status: Independent and Joint Effects on Women’s Reproductive Outcomes  
    Fengxiu Ouyang

  - 487  
    Increased Risk of Preterm Birth Subtypes in Women with Early-Pregnancy Vitamin D Deficiency  
    Lisa Bodnar

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INTERSECTIONS BETWEEN TRADITIONAL EPIDEMIOLOGIC METHODS AND SIMULATION MODELING

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

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

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)
Kiarrri N Kershaw

498
Status of Cardiovascular Health in Mississippi Delta Adults
Tamika 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)
Building Interdisciplinary Research Teams
Session Chair: Bernard Harlow

1:00 – 2:00 pm
SER MEMBER BUSINESS MEETING —all members welcome
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
Tyrolean Lilienfeld Student Prize Paper—Samantha Parker
Student Travel Scholarships
AJE Articles of the Year

2:00 – 2:15 pm
Break
The “-S” designation indicates that the work was completed while the presenter was a student.
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

SESSION CHAIR: Britton Trabert

Elliott Bay

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

SESSION CHAIR: Jessie Edwards and Chanelle Howe

Grand Ballroom 1

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

SESSION CHAIR: Noel Weiss and Deirdre Cronin-Fenton

Fifth Avenue

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

SESSION CHAIR: Nina Paynter

Grand Ballroom 2

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
The “-S” designation indicates that the work was completed while the presenter was a student.
Associations of Health Behaviors with Return to Work after Colorectal Cancer
Brigid Lynch

Factors that Motivate Increased Physical Activity/Exercise
Elise Bowen

Prevention Trial in the Cherokee Nation: Design of a Randomized Community Trial
Kelli A Komro

A Multilevel Analysis of Factors Associated with Physical Activity in Leisure Time in Brazilian Adults
Fernanda Penido Matozinhos

Availability of Places for Physical Activity According to Neighborhoods' Income in Brazil
Fernanda Penido Matozinhos

Is Greenspace Access Associated with Sleep Duration among Preschoolers?
Diana Grigsby-Toussaint

Neurobehavioral Function in School-Age Children Exposed to Manganese in Drinking Water
Youssef Oulhote

Gender and Related Factors as Effect Modifiers in the Association between Smoking and Depression
Greta Kilmer

How Military Culture Discouraging Tobacco Use Influences Active Duty Military Personnel
Kathleene Ulanday

Social Gun Culture and Likelihood of Gun Ownership
Bindu Kalesan

CANCER

Serum Antioxidant Levels and Endometrial Cancer
Beverly J Wolpert

The Association between Dairy Intake and Calcium and the Incidence of Colorectal Cancer
Yessenia Tantamango-Bartley

Vegetarian Dietary Patterns and the Risk of Colorectal Cancer
Michael Orlich

Body Size and Risk of Endometrial Cancer in US Black Women
TR Sponholtz

Withdrawn

Childhood Acute Leukemia and Indicators of Early Immune Stimulation: A Childhood Leukemia International Consortium (CLIC) Study
Jeremie Rudant

Early Life Growth and Mammographic Breast Density in an Urban Birth Cohort
Tomi Akinyemiju

Evaluation of Maternal Health and Labor and Delivery Conditions as Risk Factors for Childhood Leukemia in Children with Down Syndrome
Thomas Meath

Fertility Treatments, Getting Pregnant on Birth Control, Folic Acid Supplementation and Childhood Acute Leukemia: The ESTELLE Study
Roula Ajrouche

Sporadic Retinoblastoma and Parental Smoking and Alcohol Consumption before and after Conception: A Case Control Study
Saeedeh Azary

Post-Transplant Malignancy in Incompatible Kidney Transplantation: A National Study
Lauren Kucirka

A Prospective Study on Oral Contraceptive Use and Colorectal Cancer
Brittany Charlton

Do Cancer Survivors Desire Fewer Children than Women Who Have Not Had Cancer?
Penelope P Howards

Prostate-Specific Antigen Testing and Shared Decision Making for Prostate Cancer Screening
Jun Li

Causal Effects of Age at Smoking Initiation on Subsequent Lung Cancer Risk
Orestis A Panagiotou

A Comprehensive Assessment of the Role of Regulatory T Cells in Ovarian Cancer Etiology
Kirsten Moysich

Aspirin and Acetaminophen Decrease the Risk of Cervical Cancer in Long-Term Users
Kirsten Moysich

Association of Alcohol Intake and Mammographic Density in Two US Birth Cohorts
Jasmine McDonald

Bra Wearing Not Associated with Breast Cancer Risk: A Population Based Case-Control Study
Lu Chen
The "S" designation indicates that the work was completed while the presenter was a student.

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
The "S" designation indicates that the work was completed while the presenter was a student.
Influenza-Like Illness Is Associated with Increased [Streptococcus Pneumoniae] Carriage among Otherwise Healthy College Students
Brian Davis

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
A Cluster Randomized Trial of Pre-Dive Checklist to Prevent Scuba Diving Mishaps
Shabbar Ranapurwala

Estimating Semiparametric Differences and Ratios in Median Time to Event
Elizabeth T Rogawski

Novel Methods to Estimate Population-Level Young Driver Compliance with Graduated Driver Licensing Restrictions
Allison E Curry

Using the Capture-Recapture Approach to Estimate the Incidence of Unintentional Musculoskeletal Injuries among Naval Special Warfare Sea, Air and Land Operators
Mita Lovalekar

Validating a Shortened Form of the CESD among Women Affected by the Deepwater Horizon Oil Spill (DWOS) in Louisiana
Ariane Rung

To Match or Not to Match: Control Selection in Disease Biomarker Discovery Studies
Stephen Mooney

Estimation of Recumbent Length and Height from Ulnar Length and Arm Span among Infants and Children Aged 0-5.9 Years
Yeyi Zhu

Instrumental Variable Estimation in a Survival Context
Eric Tchetgen Tchetgen

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

A Novel Approach to Account for Survival Bias in Perinatal Epidemiology: An Application to HIV Research
Kelesitse Phiri

Potentially Large Collider Bias in Usual Effect Estimators in Index Event Studies – Without any Uncontrolled Disease Risk Factors
W Dana Flanders

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

Regression Discontinuity in Epidemiology: Quantifying Bias Due to Forcing Variable Misreporting
Jeremy Labrecque

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

Considerations in Pooling and Refinement of Mass Spectrometry Calibration
Neil Perkins

Evaluation of a Quality Control Tool for Screening Titles and Abstracts in Systematic Reviews
Immaculate Nevis

Withdrawn

Model Selection for the Effect of Binary Exposures over the Life Course
Kate Tilling

Withdrawn

Predictors of Response to In-Home Biologic Specimen Collection in the Women and their Children’s Health Study (Watch)
Symielle Gaston

Neurology
Melissa Adams

Occupational and Recreational Activity Levels in Adulthood to the Risk of Parkinson’s Disease
I-Fan Shih

Prevalence of Depression in Patients with Idiopathic Parkinson’s Disease in Korea
Won Chan Kim

Structural Brain Lesions and Restless Legs Syndrome: A Cross-Sectional Population-Based Analysis
Pamela Rist
<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>644</td>
<td>The Rhineland Study: A Novel Prospective Cohort Study</td>
<td>Monique MB Breteler</td>
</tr>
<tr>
<td>645-S</td>
<td>Modifiable Life-Course Determinants of Reserve in Cognitive Aging</td>
<td>Dorota Chapko</td>
</tr>
<tr>
<td>646-S</td>
<td>Environmental Risk Factors for Progression in PD: An Investigation into Organophosphate Exposure and Cognitive Decline in Parkinson’s Disease Patients</td>
<td>Kimberly Paul</td>
</tr>
<tr>
<td>647</td>
<td>Non-Parametric Analysis of Seasonality in Birth and Multiple Sclerosis Risk in Second Generation of Migrants in Kuwait</td>
<td>Saeed Akhtar</td>
</tr>
<tr>
<td>650-S</td>
<td>Association of Amyotrophic Lateral Sclerosis with Pesticide Exposure during Military Service or Deployment</td>
<td>John D Beard</td>
</tr>
<tr>
<td>651</td>
<td>Negative Life Events and Migraine: A Cross-Sectional Analysis of the Brazilian Longitudinal Study of Adult Health (ELSA-Brasil) Baseline Data</td>
<td>Paolo Lotufo</td>
</tr>
</tbody>
</table>

**NUTRITION**

<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
</tr>
</thead>
<tbody>
<tr>
<td>652-S</td>
<td>Maternal Fish Intake during Pregnancy in Association with Autism Spectrum Disorder and Developmental Delays</td>
<td>Yunru Huang</td>
</tr>
<tr>
<td>653-S</td>
<td>The Thompson-McFadden Commission, Joseph Goldberger, and Pellagra: Reconsidering Two Historical Investigations of Pellagra in Cotton-Mill Villages in South Carolina</td>
<td>Justin Knox</td>
</tr>
<tr>
<td>654-S</td>
<td>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</td>
<td>Patricia L Cummings</td>
</tr>
<tr>
<td>655-S</td>
<td>Consumption of Added Sugars from Liquid but Not Solid Sources Predicts Impaired Glucose Homeostasis and Insulin Resistance among Youth at Risk of Obesity</td>
<td>JiaWei Wang</td>
</tr>
<tr>
<td>656-S</td>
<td>Sodium Intake, High Waist Circumference and Sex are Associated with High Blood Pressure In Young Filipino Adults</td>
<td>Melecia Wright</td>
</tr>
<tr>
<td>657-S</td>
<td>Differential Changes in Circulating Long Chain Polyunsaturated Fatty Acids in the 3rd Trimester of Pregnancy in Gestational Diabetic Versus Non-Diabetic Women</td>
<td>Jinping Zhao</td>
</tr>
<tr>
<td>658-S</td>
<td>Gestational Vitamin D and its Relationship with Autism Spectrum Disorders</td>
<td>Jaime Sconberg</td>
</tr>
<tr>
<td>659</td>
<td>Classification of Energy Intake Reporting Using the Goldberg Method and Physical Activity Levels (PAL) Derived from Self-Reported Activity: Validation against Doubly Labeled Water</td>
<td>Ilona Csizmadi</td>
</tr>
<tr>
<td>660</td>
<td>Serum Nutritional Biomarkers and their Associations with Sleep among US Adults in Recent National Surveys</td>
<td>May Beydoun</td>
</tr>
<tr>
<td>661-S</td>
<td>Anemia and Related Nutrient Deficiencies after Roux-En Y Gastric Bypass Surgery</td>
<td>Ting-Chia Weng</td>
</tr>
<tr>
<td>662-S</td>
<td>Menu Labeling Legislation is Associated with Menu Labeling Usage among Adults - Behavioral Risk Factor Surveillance System - 18 States, 2012</td>
<td>Seung Hee Lee-Kwan</td>
</tr>
<tr>
<td>663</td>
<td>Sugar-Sweetened Beverage Consumption among U.S. Adults in 18 States – Behavioral Risk Factor Surveillance System, 2012</td>
<td>Gayathri Kumar</td>
</tr>
<tr>
<td>664-S</td>
<td>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</td>
<td>Elizabeth Widen</td>
</tr>
<tr>
<td>665-S</td>
<td>Sex of the Offspring Influences the Relationships between Infant Feeding, Preeclampsia Status and Early Pubertal Hormonal Levels</td>
<td>Jeremy Schraw</td>
</tr>
<tr>
<td>666-S</td>
<td>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</td>
<td>Susanne Hansen</td>
</tr>
<tr>
<td>667-S</td>
<td>Periconceptual and Pregnancy Folic Acid Supplementation and Child Allergic Disease – Evidence from The Danish National Birth Cohort</td>
<td>Ekaterina Maslova</td>
</tr>
<tr>
<td>Session</td>
<td>Title</td>
<td>Presenter(s)</td>
</tr>
<tr>
<td>---------</td>
<td>-------------------------------------------------------------------------------------------</td>
<td>---------------------------------</td>
</tr>
<tr>
<td>668-S</td>
<td>Predicted Vitamin D Status in Mid-Pregnancy and Child Allergic Disease - A Prospective Study from The Danish National Birth Cohort</td>
<td>Ekaterina Maslova</td>
</tr>
<tr>
<td>669</td>
<td>Multivitamin Use And All-Cause Mortality in The Nurses’ Health Study</td>
<td>Elizabeth Poole</td>
</tr>
<tr>
<td><strong>PERINATAL/PEDIATRIC</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>670-S</td>
<td>Biological Determinants of Spontaneous Late Preterm and Early Term Birth</td>
<td>Hilary K Brown</td>
</tr>
<tr>
<td>671-S</td>
<td>A Prospective Study of Vitamin D and Gestational Diabetes Mellitus in Ethnically Diverse Women</td>
<td>Carrie Nobles</td>
</tr>
<tr>
<td>672-S</td>
<td>Postpartum Hospital Readmissions in California 2004-2010</td>
<td>Kerry Bommarito</td>
</tr>
<tr>
<td>673-S</td>
<td>Neonatal Seizures and Vaginal Breech Deliveries at Home Compared to their Counterparts in Hospital</td>
<td>Qing Li</td>
</tr>
<tr>
<td>674-S</td>
<td>Combined Effects of Prenatal Air Pollutant Exposure and Maternal Folic Acid Supplementation on Risk of Autism Spectrum Disorder</td>
<td>Amanda Goodrich</td>
</tr>
<tr>
<td>675-S</td>
<td>Exclusive Breastfeeding Duration and Weight Gain in Infancy</td>
<td>Kimberly Doughty</td>
</tr>
<tr>
<td>676</td>
<td>Periconceptional Folic Acid-Containing Supplements and Global DNA Methylation in the MARBLES Prospective Study of Autism Spectrum Disorder</td>
<td>Rebecca J Schmidt</td>
</tr>
<tr>
<td>677-S</td>
<td>Vitamin D Exposure during Pregnancy and Early Childhood and Wheezing Risk in Young Children</td>
<td>Laura N Anderson</td>
</tr>
<tr>
<td>678</td>
<td>Vitamin D Supplementation in Pregnancy on Neonatal Outcomes: A Systematic Review</td>
<td>Shu Qin Wei</td>
</tr>
<tr>
<td>679</td>
<td>Associations between Maternal Prepregnancy Body Mass Index and Child Psychosocial Development at 6 Years of Age</td>
<td>Heejoo Jo</td>
</tr>
<tr>
<td>680</td>
<td>Identification of Fetal Growth Restriction and Overgrowth Using Latent Class Analysis</td>
<td>Janne Boone-Heinonen</td>
</tr>
<tr>
<td>681-S</td>
<td>Informing Preconception Weight Loss Counseling for Women above their Ideal Body Weight</td>
<td>Laura Schummers</td>
</tr>
<tr>
<td>682</td>
<td>Patterns of Gestational Weight Gain among Overweight and Obese Women Related to Small and Large for Gestational Age Births</td>
<td>Janet Catov</td>
</tr>
<tr>
<td>683</td>
<td>The Influence of Pre-Pregnancy Body Mass Index and Fetal Sex on the Association between Fetal Adipokines and Birth Weight</td>
<td>Linda Dodds</td>
</tr>
<tr>
<td>684-S</td>
<td>Impact of Parental Multiple Sclerosis and the Associated Mental Comorbidity on Early Childhood Development</td>
<td>Neda Razaz</td>
</tr>
<tr>
<td>685</td>
<td>A Prospective Cohort Study of Time-To-Pregnancy and Adverse Pregnancy Outcomes</td>
<td>Lauren A Wise</td>
</tr>
<tr>
<td>686</td>
<td>Optic Nerve Hypoplasia in the United States: The Prevalence and Association with Socio-Economic Status</td>
<td>Mark Borchert &amp; Pamela Garcia Filion</td>
</tr>
<tr>
<td>687</td>
<td>Population-Based Surveillance and Prevalence of Stillbirths: Iowa Stillbirth Surveillance Project (ISSP)</td>
<td>Paul Romitti</td>
</tr>
<tr>
<td>688-S</td>
<td>Prenatal Exposure to Triptan Medications and Behavioral Problems in Children: Results from the Norwegian Mother and Child Cohort Study</td>
<td>Mollie Wood</td>
</tr>
<tr>
<td>689</td>
<td>Sleep Quality and Pregnancy Outcome</td>
<td>Mark Klebanoff</td>
</tr>
<tr>
<td>690</td>
<td>Understanding Declines in Stillbirth and Neonatal Mortality in Europe</td>
<td>Ashna Mohangoo</td>
</tr>
<tr>
<td>691-S</td>
<td>Population Average Treatment Effect of the Medical Home for Receipt of Pediatric Developmental Screening, 2011-2012 National Survey of Children’s Health</td>
<td>Nicole Richmond</td>
</tr>
<tr>
<td>692</td>
<td>Predictors of Ages and Stages Questionnaire Scores at Six Months</td>
<td>Tia Kauffman</td>
</tr>
<tr>
<td>693-S</td>
<td>Modification of the Effect of Preterm Birth on Elementary School Academic Performance by Neighborhood Deprivation in Early Childhood</td>
<td>Jennifer Richards</td>
</tr>
<tr>
<td>694</td>
<td>Postterm Birth as a Response to Environmental Stress: The Case of September 11, 2001</td>
<td>Claire Margerison-Zilko</td>
</tr>
</tbody>
</table>

*The “-S” designation indicates that the work was completed while the presenter was a student.*
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Volatile Substance Misuse Deaths in Washington State, 2003-2012

Eric Ossiander

Gender Differences in Cigarette Smoking: A Cross-Sectional Study among Cambodian American Adults

Che Wankie & Robert Friis

Life Course Trajectories of Paan Chewing and Oral Cancer Risk

Sreenath Madathil

Association of Urinary 11-Dehydro-Thromboxane B2 Levels in Smoking, Smoking Cessation and Tobacco Heated System Use

Angela Gonzalez Zuloeta

Neighborhood Green Space and Substance Use - A Longitudinal Cohort Study in Southern California

Diana Younan

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

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

Unhealthy Alcohol Use among HIV-Infected Men Who Have Sex with Men: A Cohort Study of U.S. Veterans

Brandon Marshall

Heavy Drinking Patterns among HIV Negative Men Who Have Sex with Men: A Group-Based Trajectory Modeling Analysis

Brandon Marshall

A Longitudinal Assessment of Risk Factors for Alcohol Relapse among Current and Former U.S. Service Members

Amber Seelig

Smoking Initiation and Relapse among Older and Younger U.S. Service Members and Veterans

Amber Seelig

Associations between the Use of Antidepressants and Other Medications

Ray Merrill

Can We Reduce Alcohol-Attributable Violence by Focusing on Community Social Norms?

Katherine Keyes

Psychosocial Factors in Alcohol Dependence and Problem Drinking

Lauren Cole

Subtypes of Individuals in Remission from Alcohol Dependence in a Nationally Representative Sample

June H Kim

Accessibility to Cigarettes and Exposure to Tobacco Promotional Advertisements among Youth: Results from the Global Youth Tobacco Survey in Yemen, 2008

Raed Bahelah

Alcohol Consumption and Control Policies in the Eastern Mediterranean

Raed Bahelah

The Long-Term Social and Economic Consequences of Persistent Cannabis Dependence

Magdalena Cerdá

Women's Health

Racial/Ethnic Differences in Associations between Young Maternal Age, and Preterm Birth and Infant Mortality in the U.S.

Jean Y Ko

Self-Poisoning and Clandestine Abortion in Bamako, Mali

Hinde Hami

Sleep-Disordered Breathing and Insomnia Measures in a Population-Based Cohort of Midlife Women

Anna G Mirer

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

Bladder Antimuscarinics Use by Older Women Enrolled in the National Alzheimer's Coordinating Center Cohort

Daniela Moga

A Pregnancy and Postpartum Lifestyle Intervention in Women with Gestational Diabetes Improves Fasting Glucose Levels

Samantha Ehrlich

Socioeconomic Patterning of Poor Sleep Quality among Employed Mothers: The Role of Unpaid Family Work

Bonnie Janzen

The Socioeconomic Patterning of Rural Women’s Health in a Canadian Province

Bonnie Janzen

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
   Lynne Messer
751 Robotic vs. Laparoscopic Hysterectomy for Benign Conditions
   Rebecca Guth
752-S Relationship between School Dropout and Teen Pregnancy among Rural South African Young Women
   Molly Rosenberg
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
   Edward Mezones-Holguin
754-S Pregnancy Hyperglycemia and Risk of Prenatal and Postpartum Depressive Symptoms
   Tianyi Huang

7:00 pm onward Alumni Reunions

   Various locations
   Check message board
FRIDAY, JUNE 27, 2014

8:00 – 9:30 am  Plenary Session 3  
Session Chair: Germaine Buck Louis  
Distinguished Service to SER Award Winner  
Susan Sacks  
Career Accomplishment Award Winner  
Lynn Rosenberg  
Early Career Award Winner  
Daniel Westreich  

9:30 – 10:00 am  Break  

10:00 am – 12 noon  THEN & NOW: BUILDING ON OUR HISTORY — FORGING OUR LEGACY  
Session Chair: Germaine Buck Louis  
Social Forces  
Patricia O’Campo & Arijit Nandi  
Causal Thinking  
Charles Poole & Nicole Gatto  
Infectious Diseases  
Kenrad Nelson & Daniel Westreich  

10:00 – 11:30 am  Symposia 3  

755  ADVANCES AND CHALLENGES IN E-EPi  
SESSION CHAIR: 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  
Katarina Bälter  
Combining Internet-Based and Paper-Based Data Collection. A Validation Study of a FFQ Developed for Web Use in the Soon Parents Study  
Ellen M Mikkelsen  
Boston University Pregnancy Study Online (PRESTO) - Combined Data Collection - Data Collected in PRESTO and Data Collected from a Commercial Website “Fertility Friend”  
Lauren Wise  
Internet-Based Randomised Controlled Trial of the Effect of Loving-Kindness Meditation on Wellbeing and Helping Behaviour  
Julietta Galante  

756  MISSING INFORMATION IN EPIDEMIOLOGIC RESEARCH: ARE WE MISSING THE POINT (AND INTERVAL ESTIMATES)?  
SESSION CHAIR: Stephen Cole and Enrique Schisterman  
Introduction  
Stephen Cole  
Dealing with Incomplete Epidemiological Data Using Multiple Imputation  
Neil Perkins  
Inverse Probability Weighting for Non-Monotone Missing Data  
Eric Tchetgen Tchetgen  

Discussant  
Enrique Schisterman  

The “-S” designation indicates that the work was completed while the presenter was a student.
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**Exposures and Interventions: Toward a More Consequential Epidemiology**

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

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**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

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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

**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

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1:00 pm

Meeting Adjourned.

See you in Denver!

June 16-19, 2015