Tuesday, June 21, 2016

8:30am - 12:30pm  Morning Workshops (registration required)
1:00 - 5:00pm   Afternoon Workshops (registration required)
3:00 - 8:00pm  Registration                  Promenade
5:30 - 7:30pm  Evening Workshop (registration required)
7:00 - 7:30pm  Poster Chat (SEC) (ticket required)   Riverfront
7:00 - 8:00pm  Poster Session 1 & Reception (cash bar)   Riverfront

Wednesday, June 22, 2016

7:00 - 7:45am  Breakfast Roundtables (SEC) (ticket required)  Promenade
7:00am - 5:30pm Registration  Promenade
7:00 - 8:00am  Continental Breakfast  Riverfront
8:00 - 9:30am  Invited Plenary Session 1 (IP1)

SER President Address: “SER at 49: Looking ahead to looking back”
Diane Lauderdale
Keynote Address: “Climate Change: A Public Health Crisis”
Michael McGeehin
ACE President Address: “The American College of Epidemiology”
Jonine Bernstein
Alfred S. Evans Award Winner Presentation
Timothy Lash

9:30 - 9:50am  Plenary Session Debriefing (SEC)  Monroe
9:30 - 10:00am Break and Poster Viewing  Monroe
10:00 - 11:30am Submitted Abstracts Session 1 (SA1)

1A – Innovative Designs in Global Health: Focus on Latin America (SA)
Ezra Susser, Chair
0501-S/P  Doubly-robust estimation of the effect of a conditional cash program on infant growth
Jeremy Labrecque
0502-S/P  Assessing the relationship between psychosocial stressors and psychiatric resilience among Chilean disaster survivors
Cristina Fernandez
0503-S/P  12 Year Changes in Cardiovascular Disease Risk in Rural Guatemalan Adults: Preliminary Findings from the META Study
Nicole Ford
0504-S/P  Effect of correcting for gestational age at birth on the risk of stunting among children born preterm in Pelotas, Brazil
Nandita Perumal

10:00 - 11:30am  1B – Putting Prior Information to Work (SA)
Timothy Lash, Chair
0510  Recurrent Event Conditions: What does “recovery from an event” mean?
Ian Shrier
0511-S/P  Do you see what I see? Implications of random and systematic error in perception for studies of contextual effects
Hannah Leslie
0512  How similar are survey respondents and the general population? Using record-linked death records to compare mortality
Katherine Keyes
0513-S/P  Flawed designs: How pre-hospital mortality can affect observational research on cardiovascular disease risk factors among survivors of acute cardiac events
Hailey Banack
0514  Bayesian sensitivity analysis for unmeasured confounding in causal mediation analysis
Lawrence McCandless

S/P = Work completed as Student/Postdoc  T = Session will be Translated  R = Session will be Recorded  SS=Submitted Symposia  SA=Submitted Abstract
1C – Early Life Exposures with Pediatric Health Outcomes (SA)
Lynne Messer, Chair

0520-S/P Fertility Treatment and Childhood Type 1 Diabetes Mellitus - a Nationwide Cohort Study of 565,166 live births
Laura Ozer Kettner

0521-S/P Prenatal exposure to environmental phenols and childhood fat mass in the Mount Sinai Children’s Environmental Health Study
Jessie Buckley

0522-S/P Using public health data systems to investigate associations between early-life exposure to BTEX and need for academic support services in childhood
Jeanette Stingone

0523-S/P The relationship between antenatal steroids and poor outcomes in neonates: mediation or effect modification?
Neal Goldstein

0525-S/P Breastfeeding and motor development among term and preterm infants in a U.S. cohort
Kara Michels

1D – Current Topics in Public Health (SA)
Anne M. Jurek, Chair

0530-S/P Achieving maternal and child health gains in Afghanistan: a case study in resilience
Nadia Akser

0531-S/P Characteristics associated with measles outbreak in Ecuador, 2011-2012: a study of cases and controls to aggregate data
Maria Fernanda Rivadeneira

0532 Immigration Stress and Alcohol Use Severity among Recent Adult Hispanic Immigrants: Testing the Moderating Effects of Gender and Immigration Status
Miguel Angel Cano

0533-S/P Police Discrimination and Depressive Symptoms in the Chicago Community Adult Health Study
Kristen Brown

0534-S/P Prevalence of hurricane-specific exposures and predictors of global stress due to Superstorm Sandy in a New York City pregnancy cohort
Katrina Kezios

0535 Epidemiologic Biases in Asthma Studies of the 9/11 World Trade Center Attack: Disaster Epidemiology Needed
Anne M. Jurek

1E – Cancer Epidemiology: From Susceptibility to Risk (SA)
Melissa Bondy, Chair

0540 Chronic Inflammation and Risk of Lung Cancer: The Health, Aging and Body Composition Study
Josh Demb

0541 Serum Estrogens and Estrogen Metabolites and Endometrial Cancer Risk among Postmenopausal Women in the Women’s Health Initiative Observational Study
Louise Brinton

0542 Allergy symptoms, serum total immunoglobulin E, and risk of head and neck cancer
Jeffrey Chang

0543 Risk-based targeting of CT lung-cancer screening for US smokers
Hormuzd Katki

0545-S/P Weight change and body mass index trajectories across the adult life course and risk of aggressive and fatal prostate cancers in the PLCO Cancer Screening Trial
Scott Kelly

0555 Weight change across the life-course and breast cancer risk according to receptor classification among pre and postmenopausal women
Bernard Rosner

1F – Methodological Issues in HIV Epidemiology (SA)
George Seage, Chair

0550-S/P The Importance of Accurate Population Dynamics when using Agent-based Models to Simulate Epidemiologic Outcomes of HIV: Application to South Africa
Nadia Abuelezam

0551-S/P Opioid prescriptions in HIV-infected adults
Laurence Brunet

0552-S/P Differences in restricted mean time to ART initiation by injection drug use
Keri Calkins

0553-S/P Comparing dynamic monitoring strategies based on evolving CD4 cell counts: a prospective study of virologically suppressed HIV-positive individuals in high-income countries
Ellen Caniglia
### 10:00 – 11:30am

**1G – Recent Trends in Substance Use Epidemiology: What’s the Role of Socio-Demographic and Environmental Factors? (SA)**

- **Silvia Martins, Chair**

**0560-S/P**

Identifying sensitive periods for the role of individual and environmental factors in adolescent marijuana use  
**Seth Prins**

**0561-S/P**

Effect of the 2011 school strike on adolescent marijuana use in Chile  
**Alvaro Castillo-Carniglia**

**0562**

Does perceived availability of marijuana mediate the relationship between medical marijuana laws and marijuana use?  
**Silva Martins**

**0563**

Substance abuse trends among recent Latino immigrant adolescents compared to US born Latino adolescents  
**Sean Cleary**

**0564**

Does hazardous drinking contribute to gender and racial disparities in healthcare engagement and viral load suppression among persons living with HIV?  
**Robert Cook**

**0565-S/P**

**Vanessa Short**

### 11:30am – 1:30pm

**Lunch (on your own)**

**12:00 – 1:00pm**

**Lunchtime Sessions** (lunch on your own)

**Epidemiology in Transition (SEC)**

- **Galit Dunietz and Tekeda Ferguson, Moderators**

    **Panelists:** Diana Bensyl, Brad Pollock, Gregorio Millet

    **Hot Topic:** Zika Virus  
    **Daniel Westreich, Chair**

    **Presenters:** Regina Simeone, Nahida Chakhtoura

**1:30 – 3:00pm**

**Submitted Symposia Session 2 (SS2)**

**1:30 – 3:00pm**

**2A – Fresh Perspectives: Teaching Epidemiologic Methods from the Perspective of Your Teaching Assistants (SS)**

- **Sonja Swanson and Ryan Seals, Co-Chairs**

    **Catherine Lesko**

    How to get to super-multiplicativity: the role of TAs in a teaching team

    **Tarik Benmarhnia**

    Beyond the class uniformity assumption: heterogeneity within and between classes

    **Me Talk Abstract One Day: Teaching abstract concepts to heterogenous learning styles**

    **Marissa Seamans**

    Counterfactu-WHAT? Decoding causal inference for introductory epidemiology courses

    **Hailey Banack**

    Learning by doing (1000 iterations): Teaching epidemiologic concepts with simulations

    **Xiaojuan Li**

    Closing the gap between theory and application: Concepts, coding and calculators

    **Alexandra Seaward**

**1:30 – 3:00pm**

**2B – Agent-Based Models and the G-Formula: Comparable Approaches for Evaluating Population Intervention Effects? (SS)**

- **Magdalena Cerdá and Brandon Marshall, Co-Chairs**

    **Magdalena Cerdá and Brandon Marshall, Co-Chairs**

    The effect of incarceration on HIV care continuum outcomes in the United States: An agent-based modeling approach

    **Brandon Marshall**

    How does a “big effect” translate to population impact? An application of the g-formula to binge drinking to illustrate variations in effect magnitudes for different interventions and populations

    **Jennifer Ahern**

    A parametric g-formula approach to simulate alcohol interventions in the context of time-dependent confounding

    **Stephen Mooney**

    An agent-based modeling approach to simulate alcohol interventions in the context of interference and unintended consequences

    **Magdalena Cerdá**

    Discussant – **Katherine Keyes**
1:30 - 3:00pm  
2C – Extending the Reach and Relevance of Epidemiology through Implementation Science (SS)  
Gila Neta and Ross Brownson, Co-Chairs  
Challenges and opportunities for translation and implementation science to reduce health disparities  
Ana Diez Roux  
The use of health systems data and clinical epidemiology to guide implementation and quality improvement in healthcare delivery  
Brian Mittman  
The role of implementation science in precision medicine: Research continuum from discovery to health impact  
Muin Khoury  
Using complex systems modeling to inform intervention design and implementation: Tobacco Town, COMPACT, and other examples  
Ross Hammond  

1:30 - 3:00pm  
2D – A good gene-environment interaction is hard to find: new methods for GxE discovery (SS)  
Maria Argos and Brandon Pierce, Co-Chairs  
Genetic and Environmental Factors Underlying Drug Response in Minority Children with Asthma  
Marquitta White  
Integrating functional information into analysis of gene-environment interaction  
Li Hsu  
Gene-diet interactions and obesity  
Lu Qi  
Discussant – Brandon Pierce  

1:30 - 3:00pm  
2E – Ethics, Big Data and Computing in Epidemiology and Public Health (SS)  
Jennifer Salerno and Shalini Sevarahah, Co-Chairs  
Policymaking and International Big Data Sharing  
Bartha Knoppers  
The Fallacy of “Secondary Use” and its Effects on Population Health  
Lisa Lee  
Computational Epidemiology: Benefits, Risks and the Duty of Citizens to Contribute to Big Data  
Kenneth Goodman  

1:30 - 3:00pm  
2F – Fertility Treatments and Long-Term Health: What We Know, & What We Wish We Knew (SS)  
Dmitry Kissin and Germaine Buck Louis, Co-Chairs  
Fertility treatments and birth defects: Separating treatment effects from subfertility-related risk  
Sheree Boulet  
Assisted reproduction and autism risk in children  
Christine Fountain  
Growth and cardiometabolic health of children conceived by fertility treatment  
Edwina Yeung  
Assisted reproductive technology and cancer: Is there risk for women and children?  
Barbara Luke  
Infertility across the lifecourse: The role of lifestyle and environmental factors  
Michael Davies  
Discussant – Dmitry Kissin  

1:30 - 3:00pm  
2G - Emerging Environmental Epidemiology Issues across the Americas (SS)  
Erik Svendsen and Francine Laden, Co-Chairs  
The International Society for Environmental Epidemiology- who we are and what we do  
Francine Laden  
Traffic and health- the effects of rapidly increasing vehicle fleets in Latin American countries  
Nelson Gouveia  
Pot of gold in the jungle- health effects of mercury from gold mining in the Amazon  
Donna Mergler  
Pesticides, Produce, and People- health risks of agricultural pesticides within rural communities of the Americas  
Berendina Van Wendel De Jode  
Smoke and mirrors- indoor biomass combustion and health across the Americas  
William Checkley  
Discussant – Erik Svendsen  

3:00 - 3:30pm  
Break and Poster Viewing  

4
3:30 - 5:00pm

Submitted Symposia and Submitted Abstracts Session 3 (SS3 and SA3)

3A – Understanding Health Disparities (SA)
Harold Feldman, Chair

0570-S/P
Disparity in colorectal screening between recent immigrants and non-immigrants in Canada: Meditational role of socioeconomic and health care access factors
Alexandra Blair

0571-S/P
Being overweight at 12 months of age in Hispanic versus Non-Hispanic children: Comparing clinical and social factors
Sahel Hazrati

0572-S/P
Disparities at the Intersection of Marginalized Groups
John Jackson

0573
The relationship between state-level income inequality and access to prenatal care among mothers who gave birth in the United States in 1995
Roman Pabayo

0574-S/P
Simulating the impact of high-risk and population intervention strategies on equity and efficiency in disease prevention
Jonathan Platt

0575
Inequalities on careseeking for symptoms of pneumonia in Latina America & Caribbean
Fernanco Wehrmeister

3:30 - 5:00pm

3B – Epidemiologic Methods for Implementation Science: From Patients to Policies (SS)
Daniel Westreich, Chair

Monroe-R

0580-S/P
Risk of idiopathic pulmonary fibrosis (IPF) in patients exposed to statins and other lipid lowering agents
Daina Esposito

0581
What is the effect of varenicline on long-term smoking abstinence in primary care patients?
Gemma Taylor

0582-S/P
Using diagnostic codes from administrative data to determine antidepressant treatment indications: a validation study
Jenna Wong

0583-S/P
Matching weights to simultaneously compare three treatment groups: comparison to three-way matching
Kazuki Yoshida

0584-S/P
Visualizing complex longitudinal data to inform study design and analysis
Xiaojuan Li

3:30 - 5:00pm

3C – Pharmacoepidemiology: Estimation of Treatment Effects, State-of-the-Art Methods, and Complex Data (SA)
Til Stürmer, Chair

Jasmine

0590-S/P
Built Environment and Walking Behavior among Brazilian Older Adults: A Population-based Study
Marui Weber Corseuil Giehl

0591-S/P
Life course trajectories of multimorbidity in Canada: birth cohort differences and predictors
Mayilee Canizares

0592-S/P
Mortality following negative wealth shock in late middle age: a marginal structural model approach
Lindsay Pool

0593-S/P
Diabetes and Blood Glucose predict Memory Decline in the Health and Retirement Study
Jessica Marden

0594-S/P
Racial disparities in stroke incidence: Evaluating the role of survival bias in age attenuation with a simulation study
Elizabeth Rose Mayeda
3:30 - 5:00pm  
**3E – Environmental Exposure Impacts on Fecundity and Early-Life Outcomes (SA)**  
Francine Laden, Chair

- **0600-S/P**  
  Prenatal Exposure to Perfluoroalkyl Substances and Childhood Intelligence Quotient (IQ): a Danish National Birth Cohort Study  
  Zeyan Liew

- **0601**  
  The Exposure of Normal Pregnancy: proof-of-concept  
  Germaine Buck Louis

- **0602**  
  The combination of environmental quality with increasingly rural residence and associations with adverse birth outcomes  
  Lynne Messer

- **0603**  
  A data-driven search for semen quality predictors of male fecundity  
  Chirag Patel

3:30 - 5:00pm  
**3F – Epidemiology of Sleep and Sleep Disturbances (SA)**  
Andreas Stang, Chair

- **0610-S/P**  
  Sleep duration is inversely associated with birthweight in a cohort of Brazilian pregnant women  
  Ana Beatriz Franco-Sena

- **0611**  
  The effect of sleep duration and satisfaction on injuries among adolescents  
  Won Kyung Lee

- **0612**  
  How Are New Dads Sleeping? A Prospective Study to Identify Patterns and Determinants of Sleep Quality in First-Time Fathers  
  Deborah De Costa

- **0613**  
  Detailed assessment of daytime sleep characteristics and chronotype. An analysis of the innovation sample of the German Socio-Economic Panel Study (SOEP)  
  Andreas Stang

3:30 - 5:00pm  
**3G - Latebreaker Session 1 (LB1)**  
Edward Peters, Chair

- **L01-S/P**  
  Neighborhood built environment and lifetime general anxiety disorder among adults in Detroit, Michigan, 2008  
  Evette Cordoba

- **L02-S/P**  
  Public open space moderates the association between stressful life events and four-year trajectories of psychological distress in adults  
  Stine Hoj

- **L03-S/P**  
  Exploring the associations between life course socioeconomic models and oral cancer in Kerala, India  
  Akhil Soman Thekke Purakkal

- **L04-S/P**  
  Record linkage of large databases of the brazilian national health system to enable cohort analyses of cancer patients  
  Isaias Prestes

- **L05-S/P**  
  Health insurance type and control of hypertension among HIV-infected and HIV-uninfected Women’s Interagency HIV Study participants  
  Christina Ludema

- **L06**  
  Factors Associated with Parental Reasons for No-Intent for the Human Papillomavirus Vaccine among Female Adolescents with Physician Recommendation  
  Mirandes Brown

- **L07**  
  Childhood adiposity and fertility difficulties: The Bogalusa Heart Study  
  Marni Jacobs

- **L08-S/P**  
  Epigenome-wide study identifies potential blood-based risk biomarkers for breast cancer development  
  Lauren Wilson

5:00 - 5:30pm  
Poster Chat (SEC) (ticket required)  
Riverfront

5:00 - 6:00pm  
Poster Session 2 & Reception (cash bar)  
Riverfront

6:00pm onward  
Congress Social on Biscayne Lady Yacht (tickets required)  
Check-in is on the Riverwalk outside the Hyatt Regency Upper Promenade Level
# Thursday, June 23, 2016

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>7:00 - 7:45am</td>
<td>Speed Networking Breakfast (SEC) (ticket required)</td>
<td>Pearson</td>
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<td>7:00 - 5:30pm</td>
<td>Registration</td>
<td>Promenade</td>
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<td>7:00 - 8:00am</td>
<td>Continental Breakfast</td>
<td>Riverfront</td>
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<td>8:00 - 9:30am</td>
<td>Invited Plenary Session 2 (IP2)</td>
<td>Regency-T/R</td>
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<td>IEA President Address</td>
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<td>Valerie Beral</td>
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<td>Keynote Address</td>
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<td>Mauricio Barreto</td>
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<td>APHA-Epi Section Chair Address</td>
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<td>Oscar Alleyne</td>
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<td>Bernard Greenberg Award Winner Presentation</td>
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<td>James M. Robins</td>
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<td>9:30 - 9:50am</td>
<td>Plenary Session Debriefing (SEC)</td>
<td>Monroe</td>
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<td>9:30 - 10:00am</td>
<td>Break and Poster Viewing</td>
<td>Riverfront</td>
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<tr>
<td>10:00 - 11:30am</td>
<td>Submitted Symposia and Submitted Abstract Session 4 (SS4 and SA4)</td>
<td>Flagler-T</td>
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<tr>
<td>10:00 - 11:30am</td>
<td>4A – Beyond Cancer: Challenges for Women’s Health across the Life Course (SA)</td>
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<td>Elizabeth Bertone-Johnson, Chair</td>
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<tr>
<td>1180</td>
<td>Adiposity and Risk of Early Menopause</td>
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<td>1181</td>
<td>Kathleen Szegda</td>
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<td>1182</td>
<td>Increasing 25-hydroxyvitamin D (25(OH)D) decreases the occurrence of long menstrual cycles</td>
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<td>1183</td>
<td>Anne Marie Jukic</td>
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<td>1184-S/P</td>
<td>Dairy intake and reproductive function among premenopausal women: the BioCycle Study</td>
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<td>Keewan Kim</td>
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<td>1190-S/P</td>
<td>Religious and Spiritual Coping and Risk of Hypertension in the Black Women’s Health Study</td>
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<td>1191-S/P</td>
<td>Yvette Cozier</td>
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<td>1192</td>
<td>A Prospective Study of Endometriosis and Risk of Benign Breast Disease</td>
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<td>1193-S/P</td>
<td>Leslie Farland</td>
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<td>1194</td>
<td>Female mortality due to assault in Brazil, 2011-2013</td>
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<td>10:00 - 11:30am</td>
<td>4B – Causal Parameters without Corresponding Experiments: Powerful Abstractions or Pitiful Distractions? (SS)</td>
<td>Monroe-R</td>
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<td>1080</td>
<td>Ian Shrier, Chair</td>
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<tr>
<td>1186</td>
<td>Introduction – Timothy Lash</td>
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<td>1187</td>
<td>Debate 1: &quot;A hypothetical experiment is not required for meaningful causal inference&quot;</td>
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<td>1188</td>
<td>Pro: Maria Glymour</td>
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<td>1189</td>
<td>Debate 1: &quot;A hypothetical experiment is not required for meaningful causal inference &quot;</td>
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<td>1190</td>
<td>Con: Miguel Hernán</td>
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<td>1180</td>
<td>Debate 2: &quot;Natural effects&quot; are natural and meaningful</td>
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<td>1191</td>
<td>Pro: Ian Shrier</td>
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<td>1192</td>
<td>Debate 2: &quot;Natural effects&quot; are natural and meaningful</td>
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<td>1193</td>
<td>Con: Richard MacLehose</td>
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<td>1194</td>
<td>Debate 3: Principal stratification is the principal way forward</td>
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<td>1195</td>
<td>Pro: Bryan Shepherd</td>
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<td>1196</td>
<td>Debate 3: Principal stratification is the principal way forward</td>
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<td>1197</td>
<td>Con: Sonja Swanson</td>
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<td>1198</td>
<td>Moderator – Jay Kaufman</td>
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<td>10:00 - 11:30am</td>
<td>4C – Modifiable Risk Factors in Cancer Etiology and Survival (SA)</td>
<td>Jasmine</td>
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<td>1190-S/P</td>
<td>Elizabeth Hatch, Chair</td>
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<td>1191-S/P</td>
<td>Does solar supplement use influence skin cancer risk?</td>
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<td>1192</td>
<td>Isabelle Savoye</td>
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<td>1193-S/P</td>
<td>Serum Vitamin D and Breast Cancer within Five Years</td>
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<td>1194</td>
<td>Katie O’Brien</td>
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<td>1195</td>
<td>Dietary energy density and postmenopausal breast cancer incidence in the Cancer Prevention Study-II</td>
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<td>1196</td>
<td>Nutrition Cohort</td>
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<td>1197</td>
<td>Terry Hartman</td>
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<td>1198</td>
<td>Associations of NSAID and paracetamol use with risk of primary liver cancer in the Clinical Practice</td>
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<td>1199</td>
<td>Research Datalink</td>
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<tr>
<td>1200</td>
<td>Pre- and post-diagnosis analgesic use and ovarian cancer survival</td>
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<td>1201</td>
<td>Elizabeth Poole</td>
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</tbody>
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*S/P = Work completed as Student/Postdoc  T = Session will be Translated  R = Session will be Recorded  SS=Submitted Symposia  SA=Submitted Abstract*
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<tbody>
<tr>
<td>10:00 - 11:30am</td>
<td><strong>4D – Infectious Diseases: Advancing our Understanding with New &amp; Unique Methods &amp; Technology (SA)</strong></td>
<td>Claudia Kozinetz, Chair</td>
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<tr>
<td>1200-S/P</td>
<td>Phylogenetic analysis of HIV enhances contact tracing and sexual network ascertainment</td>
<td>Dana Pasquale</td>
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<tr>
<td>1201-S/P</td>
<td>Linkage to Care after Home-Based HIV Testing: Predictive Modelling Using an Ensemble Learning Method</td>
<td>Kipruto Kirwa</td>
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<td>1202</td>
<td>Whole-exome sequencing to identify novel genes associated with infertility following chlamydial pelvic inflammatory disease</td>
<td>Brandie Taylor</td>
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<td>1203-S/P</td>
<td>Correlates of County-Level Non-Viral Sexually Transmitted Infection Hot Spots in the US</td>
<td>Brian Chang</td>
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<td>10:00 - 11:30am</td>
<td><strong>4E – The Impact of Traumatic Experiences across Diverse Populations: Causes, Consequences, and Correlates (SA)</strong></td>
<td>Katherine Keyes, Chair</td>
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<tr>
<td>1210</td>
<td>PTSD and other health conditions and their impact on early retirement and job loss among World Trade Center disaster rescue and recovery workers</td>
<td>Shengchao Yu</td>
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<tr>
<td>1211-S/P</td>
<td>Prevalence of posttraumatic stress disorder (PTSD) in general population, following Tsunami and Earthquake in Asian countries – a meta-analysis</td>
<td>Harsha Dahal</td>
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<td>1212-S/P</td>
<td>Post-Traumatic Stress Disorder (PTSD) in a Cohort of Women In Coastal Louisiana Affected by The Deepwater Horizon Oil Spill</td>
<td>Symielle Gaston</td>
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<td>1213</td>
<td>Association between traumatic brain injury and attempted suicide in young adult Veterans</td>
<td>Jennifer Fonda</td>
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<td>10:00 - 11:30am</td>
<td><strong>4F – Developmental Origins of Short and Long Term Health Outcomes (SA)</strong></td>
<td>Edwina Yeung, Chair</td>
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<tr>
<td>1220-S/P</td>
<td>Prenatal acetaminophen use and child’s attention, executive and motor function at age 5</td>
<td>Zeyan Liew</td>
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<td>1221</td>
<td>Association between Placental Histopathology Autism Spectrum Disorders in a Community Cohort</td>
<td>Jennifer Straughen</td>
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<td>1222-S/P</td>
<td>Neonatal Brain Derived Neurotrophic Factor (BDNF) and child development: potential marker in at-risk infants</td>
<td>Akhgar Ghassabian</td>
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<td>1223-S/P</td>
<td>Life course-adjussted associations between intrauterine environment and DNA methylation in young adult women of a Jerusalem Perinatal Study sub-cohort</td>
<td>Jonathan Huang</td>
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<td>1224</td>
<td>Maternal Preeclampsia during Pregnancy and Risk of Childhood Cancers in Offspring — A California Statewide Case-Control Study</td>
<td>Xiaoqing Xu</td>
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<tr>
<td>10:00 - 11:30am</td>
<td><strong>4G – Don’t Let Your Job Be a Pain: Insights from Occupational Epidemiology (SA)</strong></td>
<td>Carol Burns, Chair</td>
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<tr>
<td>1230-S/P</td>
<td>Heterogeneous associations between job strain and blood pressure: insights from quantile regression analysis in the Brazilian Longitudinal Study of Adult Health (ELSA-Brasil)</td>
<td>Rosane Härter Griep</td>
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<tr>
<td>1231-S/P</td>
<td>Impact of Walking Meetings on Productivity and Mood among White-Collar Workers Participating in a Novel Walking Meeting Protocol</td>
<td>Hannah Kling</td>
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<td>1232</td>
<td>Effects of Job Strain on Incident Diabetes in the US</td>
<td>Miriam Mutambudzi</td>
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<td>1233</td>
<td>Null association between workplace social capital and body mass index. Results from a four-wave panel survey (J-HOPE study)</td>
<td>Toru Tsuboya</td>
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</tbody>
</table>

11:30am-1:30pm Lunch (on your own)
12:00 - 1:00pm

**Lunchtime Sessions:** (lunch on your own)

Meet the Editors (SEC)
Martha Werler, Moderator

Panelists:
- Moyes Szko – American Journal of Epidemiology
- Marcia Furquim de Almeida – Brazilian Journal of Epidemiology
- Electra Paskett – Cancer Epidemiology, Biomarkers & Prevention
- Timothy Lash – EPIDEMIOLOGY
- Albert Hofman – European Journal of Epidemiology

**Hot Topic: Guns in America**
Sandro Galea, Chair
Burden of disease, death and injury

Bindu Kalesan
Contextual drivers of firearm violence

Kara Rudolph
Legislative responses

Julian Santaella
State of research and future directions

Magdalena Cerdá

1:00 - 2:00pm

**Society Business Meetings**
American College of Epidemiology (ACE)
International Epidemiological Association (IEA)
Society for Epidemiologic Research (SER)

2:15 - 3:45pm

**Submitted Symposia Session 5 (SS5)**

**5A – Health Equity in Latin America (SS)**
Maria Milla and Hermes Florez, Co-Chairs
Inequitable maternal and child health outcomes in Latin America and the Caribbean: Disputing the urban advantage

Arachu Castro
Violence prevention and inequities in Latin America

Alexandra Restrepo
Inequities in San Pedro Sula: where do we start?

Maria Milla
Discussant – Paula Braveman

**5B – Precision Medicine and Causal Inference – Beyond the Average Treatment Effect (SS)**
Catherine Lesko, Chair
Evaluating treatment effect heterogeneity in relevant (not relative) effect measures

Michele Jonsson Funk
Interpretable Treatment Regimes

Yichi Zhang
Time-varying effect modification and dynamic treatment regimes

Maya Petersen
Discussant – Tyler VanderWeele

**5C – Healthy Workers and Healthy Users: Comparing Approaches to Mitigate Confounding and Selection Bias in Occupational and Pharmaco-Epidemiology (SS)**
Jennifer Lund, Chair
An introduction to the healthy (preventive drug) user and healthy worker biases

Jennifer Lund
The active comparator, new user study design in pharmacoepidemiology

Til Stürmer
Study designs to address healthy worker biases

Alexander Keil
Analytic approaches to address healthy worker biases

Sally Picciotto
Bring it all together: Lessons learned

Miguel Hernán
2:15 - 3:45pm  
5D – A Critical Period? Fetal Exposures and Adult Health (SS)  
Samantha Parker and Martha Werler, Co-Chairs  
Moving beyond associations: maternal health in pregnancy and offspring outcomes  
Abigail Fraser  
Examining the impact of parental obesity on early childhood development  
Edwina Yeung  
Prenatal environmental exposures and adverse outcomes among offspring  
Pam Factor-Litvak  

2:15 - 3:45pm  
5E – Working at the Nexus of Research and Policy: The International Joint Policy Committee of the Societies of Epidemiology (IJPC-SE) (SS)  
Colin Soskolne and Stanley Weiss, Co-Chairs  
Rationale for and accomplishments of the IJPC-SE: 10th anniversary review  
Stanley Weiss  
Methods applied in conducting a comprehensive, systematic search of the literature on Conflict-of-Interest and Disclosure  
Shailesh Advani  
Approaches to addressing issues of Conflict-of-Interest and Disclosure in the United Kingdom  
Fiona Sim  
Canadian universities’ continuing failure to address Industry influence and undisclosed conflicting interests: the example of asbestos  
Kathleen Ruff  
Developing the 2016 IJPC-SE Position Statement on Conflict-of-Interest and Disclosure: first professional release  
Colin Soskolne

2:15 - 3:45pm  
5F – Controversies in Vitamin D Research: Clinical & Methodological Considerations (SS)  
Sunni Mumford and Lisa Bodnar, Co-Chairs  
So many biomarkers, so little understanding of how to use them  
Anne Marie Jukic  
Vitamin D in pregnancy: pitfalls and controversies  
Daniel Roth  
Clinical practice implications of weak vitamin D evidence and its effect on randomized trials  
JoAnn Manson

2:15 - 3:45pm  
5G – Epidemiologic Inference with Mechanistic Models: Merging the ‘Why’ with the ‘How’ (SS)  
Justin Lessler and Arijit Nandi, Co-Chairs  
Pitfalls and promise of mechanisms in social epi: From “black box” to generative algorithms  
Thomas Glass  
Is there a place for mechanistic models in causal inference?  
Eleanor Murray  
The Ecological Approach to Inference  
Pej Rohani  
Discussant – Daniel Westreich

3:45 - 4:15pm  
Break and Poster Viewing  
Riverfront

4:15 - 5:45pm  
Submitted Abstract Sessions 4 (SA4)  
Flagler-T

4:15 - 5:45pm  
6A – Epidemiological Research on Child Mental Health in Latin-America: Advances, Challenges and New Perspectives (SS)  
Ezra Susser and Alexandra Restrepo, Co-Chairs  
Stepping up autism research in Mexico: the Leon epidemiological survey of autism, Guanajato  
Eric Fombonne  
Adolescents’ mental health and access to health care in Peru, 2012  
July Caballero Peralta  
Exposure to Violence among Children and Preventive Approaches to Improve Mental Health: Medellin Experience  
Alexandra Restrepo  
Discussant – Ezra Susser
4:15 - 5:45pm 6B – Social Epidemiology (SA)  
Sherman James, Chair  
1240  Is adolescence a sensitive period for housing policy effects on risky behaviors?  
Nicole Schmidt  
1241  Out of the Labour Force and School: A comparison of health inequality and youth labour force participation in Canada and the US  
Anita Minh  
1242  Changes in neighborhood-level racial residential segregation and changes in systolic blood pressure: The Coronary Artery Risk Development in Young Adults (CARDIA) study  
Kiarri Kershaw  
1243-S/P  Income inequality and cardiovascular diseases: a multilevel analysis of elderly residents of São Paulo, Brazil  
Kaio Henrique Massa

4:15 - 5:45pm 6C – Novel Approaches to Enhance Inference and Better Inform Decision-Making (SA)  
Jasmine  
1250  Visualizing sensitivity analysis in epidemiologic studies: the EAGeR Trial  
Neil Perkins  
1251-S/P  A Bayesian approach to the g-formula for estimating intervention effects in sparse data  
Alexander Keil  
1252-S/P  Mediation analysis for survival outcome with time-varying exposures, mediators, and confounders: A case study of the Framingham Heart Study  
Sheng-Hsuan Lin  
1254  Comparing dynamic treatment strategies that depend on different sets of biomarkers  
Lauren Cain

4:15 - 5:45pm 6D – A Cornucopia of Research on Nutritional Epidemiology (SA)  
Hibiscus AB  
1260  Maternal Vitamin D Supplementation in the Periconceptional Period and Child Risk of Autism spectrum disorder  
Marin Strøm  
1261-S/P  Metabolite Biomarkers of Diet and Breast Cancer Risk  
Mary Playdon  
1262  Are consumption of dairy products and physical activity independently related to bone mineral density of 6 years-old children?  
Renata Bielemann  
1263-S/P  Timing and Type of Alcohol Consumption and the Metabolic Syndrome - ELSA-Brasil  
Bruna Vieira  
1264-S/P  Association between education and anthropometric indicators as income improves over a decade of observation  
Macarena Lara

4:15 - 5:45pm 6E – Causation between the Environment and the Heart (SA)  
Merrick  
1270-S/P  Association between satellite-based estimates of long-term PM2.5 exposure and degree of coronary occlusion  
Laura McGuinn  
1271-S/P  Exposure to Biomass Cookstove Smoke and Blood Pressure among Women in Rural Honduras  
Bonnie Young  
1273  Neighborhood Socioeconomic Inequalities and Racial Differences in Heart Disease Mortality in Mississippi  
Sai Kurmana
6F – Examining Epidemiologic Principals in Studies of Infant and Pregnancy Outcomes (SA)
Penelope Howards, Chair

1280-S/P Differential pregnancy terminations: a sufficient but not necessary source of selection bias
Jacqueline Cohen

1281-S/P Effect of using ‘corrected age’ for children born preterm in the estimation of associations between a prenatal exposure and infant growth outcomes
Johnna Perdrizet

1282-S/P On neonatal mortality and the gestational-age paradox: Prenatal pathology as an unmeasured confounder
Quaker Harmon

1283-S/P Time-varying confounding of the association between perfluoroalkyl acids and time to pregnancy: An example from the Danish National Birth Cohort
Cathrine Carlsen Bach

1284-S/P The role of fetal growth as a mediator of the relationship between maternal exposures and perinatal death
Alexandra Seaward

6G Latebreaker Session 2 (LB2)
Matthew Fox, Chair

109 Blood lead levels in children living in households receiving housing assistance in the United States, 2005-2012
Katherine Ahrens

110 Effectiveness of Tdap vaccination in pregnancy, among active-duty mothers, for reducing infant respiratory infections
Zeina Khodr

111-S/P The Missing Covariate Indicator Method is Nearly Valid Almost Always
Donna Spiegelman

112 Treated and Control Complier Means in Regression Discontinuity Designs
Jacob Bor

113-S/P A Mendelian Randomization study of age at natural menopause and the risk of age related health outcomes in the Women’s Health Initiative (WHI)
Jin Li

114-S/P Treated Systolic Blood Pressure and Risk of Cardiovascular Disease and Mortality: A Network Meta-Analysis
Joshua Bundy

Poster Chat (SEC) (ticket required)

Poster Session 3 & Reception (cash bar)

Organization Reunions, Receptions and Social Events (Check the message board for information)
**Friday, June 24, 2016**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>7:00 - 7:45am</td>
<td>Roundtable Session: Social Media in Epidemiology (SEC) (ticket required)</td>
<td>Gardenia AB Promenade</td>
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<td>7:30 - 1:00pm</td>
<td>Registration</td>
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<td>7:00 - 8:00am</td>
<td>Continental Breakfast</td>
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<td>8:00 - 9:30am</td>
<td>Invited Plenary Session 3 (IP3)</td>
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<td>SPER President Address</td>
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<td>Suzan Carmichael</td>
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<td>Keynote Address and Abraham M. Lilienfeld Award Winner Presentation: “Developmental Origins of Health and Disease: Is Prevention Just around the Corner?”</td>
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<td>Michael S. Kramer</td>
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<td>Keynote Address: &quot;Reducing Health Disparities and Accelerating Health Equity for the Nation&quot;</td>
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<td>J. Nadine Gracia</td>
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<tr>
<td>9:30 - 9:50am</td>
<td>Plenary Session Debriefing (SEC)</td>
<td>Monroe</td>
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<td>9:30 - 10:00am</td>
<td>Break and Poster Viewing</td>
<td>Riverfront</td>
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<tr>
<td>10:00 - 11:30am</td>
<td>Submitted Symposia 7 (SS7)</td>
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<td>10:00 - 11:30am</td>
<td>7A – Epidemiology across the Americas: Connecting Latin American, Caribbean, &amp; North American Epidemiologists to Advance Epidemiological Thinking, Practice, &amp; Health Equity – A Panel Discussion (SS)</td>
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<td>Nancy Krieger, Howell Sasser and Rita Barata, Co-Chairs</td>
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<td>Kue Young</td>
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<td>Epidemiology in Latin America and the Caribbean Region</td>
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<td>Rita Barata</td>
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<td>Opportunities to Create Stronger, Equitable Ties Between North American &amp; Latin American &amp; Caribbean Epidemiologists</td>
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<td>Mauricio Barreto</td>
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<td>Obstetric and Epidemiological Transitions in the Americas Require Complex Interventions to Further Improve Maternal Health: Jamaica's Experience</td>
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<td>Marshall Tulloch-Reid</td>
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<td>Epidemiology and Health in All Policies: The Chilean Experience</td>
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<td>Helia Molina</td>
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<td>Epidemiological Insights from Cuba and the Case for Cross-Regional Collaboration</td>
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<td>Jorge Bacallo</td>
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<td>Building up Epidemiologic Surveillance of Cancer across Latin America</td>
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<td>Marion Piñeros</td>
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<td>Moderator – Nancy Krieger</td>
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<td>Moderator – Howell Sasser</td>
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<td>10:00 - 11:30am</td>
<td>7B – Causal Estimation of Direct and Indirect Effects in Studies With Clustering or Social Network Features (SS)</td>
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<td></td>
<td>Donna Spiegelman</td>
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<td>Spillover effects and interference in causal inference</td>
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<td>Tyler VanderWeele</td>
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<td>Assessing vaccine effects in the presence of interference</td>
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<td>Michael Hudgens</td>
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<td>Individual and disseminated effects in cluster-randomized trials</td>
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<td>Ashley Buchanan</td>
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<td>The dynamics of peer effects and social influence in networks</td>
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<td>Sinan Aral</td>
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<td>10:00 - 11:30am</td>
<td>7C – Novel Approaches for Bio-social Integration in Epidemiologic Studies (SS)</td>
<td>Jasmine</td>
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<td>Allison Aiello and Lydia Feinstein, Co-Chairs</td>
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<td>Bio-social integration in epidemiologic studies: Approaches and pathways</td>
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<td>Carlos Mendes de Leon</td>
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<td>Epigenetic signatures of risk and resilience in an urban community setting</td>
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<td>Monica Uddin</td>
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<td>The influence of telomere biology across the life course</td>
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<td>Belinda Needham</td>
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<td>Bringing the bench to the population: integrating immunology and social epidemiology</td>
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<td>Amanda Simanek</td>
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<td>In search of a salient marker of immune function for epidemiologic research: Thymic function</td>
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<td>Lydia Feinstein</td>
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<td>Biomarkers and health: Implications for the field and future directions</td>
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<td>Allison Aiello</td>
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<td>Discussant – Allison Aiello</td>
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10:00 - 11:30am  
**7D – Meeting in the Middle: Systems Science and Causal Inference Models (SS)**  
Eric Lofgren and Jess Edwards, Co-Chairs
- Are Causal Inference Models Simply Agent Based Models with Strict Assumptions? Eric Lofgren
- Causal Inference using Agent-Based Models and the Parametric G-Formula Eleanor Murray
- Computation as Exposure: Synthetic Exposure Estimates in Environmental Epidemiology Kristen Rappazzo
- Exploring Interventions on HIV care and treatment cascade: a practical example of meeting in the middle Jess Edwards
  - Discussant – Miguel Hernán

10:00 - 11:30am  
**7E – Moving Beyond Numbers: How Qualitative Data Can Complement Your Quantitative Study (SS)**  
Jessica Chubak and Kathleen Wirth, Co-Chairs
- Overview of qualitative methods: what they are and how you can use them Clarissa Hsu
- Using qualitative methods to learn about confounders Karen Wernli
- Incorporating qualitative methods in applied community-based research: an example of a physical activity intervention designed for Latinos diagnosed with diabetes Sandra Echeverria
- If you go without sex, you will go crazy: Using mixed methods to examine early resumption of sex following medical male circumcision in Botswana Kathleen Wirth

10:00 - 11:30am  
**7F – Disaster Resilience - Lessons from the Great East Japan Earthquake and Tsunami (SS)**  
Ichiro Kawachi, Chair
- Investigating the social determinants of health through the lens of disaster Ichiro Kawachi
- Predictors of survival in the 2011 Great East Japan Earthquake and Tsunami Jun Aida
- Predictors of dementia symptomatology in the aftermath of disaster Hiroyuki Hikichi
- Depressive symptoms and IADL functioning among older survivors of disaster Toru Tsuboya
  - Discussant – Sandro Galea

10:00 - 11:30am  
**7G – Research Strategy for Chronic Disease Epidemiology in Latin American and Caribbean Countries (SS)**  
Paulo Lotufo and Matías Irarrázaval, Co-Chairs
- Perspectives on individual approach associating psychiatric disorders and cardiovascular outcomes. The Brazilian Longitudinal Study of Adult Health (ELSA-Brasil) Isabela Bensenor
- Perspectives on collective approach showing the impact of rural-to-urban migration and urbanization on health-adverse outcomes. The PERU MIGRANT Study and the CRONICAS Cohort Study Jaime Miranda
- Recalibration of the Framingham equation for predicting cardiovascular risk in Latin Americans Leonelo Bautista
- Advertising and the food industry in Guatemala. Challenges and opportunities Joaquin Barnoya
  - Discussant – Ana Diez Roux

11:30am - 12:00pm  
**Professional Development Sessions (PD)**  
International Alternative Career Path (PD)(SEC) Lynn Zhu and Ekatrina Maslova Co-Chairs
- Panelists: Matias Irarrazaval, Jessica Chubak, Dmitry Kissin, Sandy Sulsky
  - Ask Me Anything (PD) Bernard Harlow, Chair
    - Panelists: Michelle Williams, Robert Platt, Jaime Miranda
  - How to Publish with English as a Second Language and Other Editorial Tips (PD) Andrew Olshan, Chair
    - Panelists: Timothy Lash, Andreas Stang, Moyses Szklo

1:00pm  
**Meeting Adjourned**