



Tuesday, June 20, 2017

8:00am - 1:30pm	Registration	Grand Level
8:30am - 12:30pm	MORNING WORKSHOPS (registration required) Bias Analysis for Uncontrolled Confounding in Epidemiologic Studies Onyebuchi Arah Evaluating Causal Exposure-Response Relations in Epidemiological Data: Modernizing the Hill Considerations for Causality Tony Cox Introduction to Parametric & Semi-Parametric Estimators for Causal Inference Jennifer Ahern and Laura Balzer Confounding Control for Estimating Causal Effects: Looking under the Hood Nicolle Gatto and Ulka Campbell Specific Aims & Beyond: Strategies to Increase Chances of a Successful Proposal Pam Factor-Litvak Systems Science for Epi Research: Theory, Methods & Applications Ayaz Hyder	
1:00pm - 5:00pm	AFTERNOON WORKSHOPS (registration required) An Introduction to Directed Acyclic Graphs: What You Never Wanted but Needed to Know about Bias and Didn't Even Know to Ask Ian Shrier An Introduction to R for Epidemiologists Stephen Mooney Critical Review and Preparation of Manuscripts Reporting Epidemiologic Findings Moyses Szklo Implementing the Parametric G Formula with Complex Longitudinal Data Ashley Naimi Interaction Analysis Tyler VanderWeele Introduction to Bayesian Methods for Epidemiologists Patrick Bradshaw	
4:00pm - 8:30pm	Registration	Grand Level
5:30pm - 7:30pm	EVENING WORKSHOPS (registration required) How to Make a Picture Worth a Thousand Words: Effectively Communicating Your Research Results Using Statistical Graphics Mike Jackson Introduction to Bayesian Analysis Using Stata Chuck Huber	
7:00pm - 8:30pm	Poster Tour (SPC)	SPC Table
7:00pm - 8:30pm	Poster Session 1 & Reception (cash bar)	Ballroom 3

Wednesday, June 21, 2017

7:00am - 7:45am	Morning Roundtables (SPC) (ticket required) Experts: Alfredo Morabia, Sandro Galea, Diane Lauderdale, Louise Brinton and Ichiro Kawachi	
7:00am - 8:00am	Continental Breakfast	Ballroom 3
7:30am - 5:15pm	Registration	Grand Level
8:00am - 9:30am	PLENARY SESSION 1 SER President Address: Bernard Harlow Keynote Address: Michelle Williams	Ballroom 1-2 Recording
9:30am - 10:00am	Break and Poster Viewing	Ballroom 3
10:00am - 11:30am	SYMPOSIA 1 Checklists and Registration in Observational Epidemiologic Research: Essential Transparency or Scientific Straightjacket? Session Chair(s): Justin Lessler and Bryan James What assures transparency in observational research? Larry Peiperl Checklists and prespecification: The future foretold? Steven Goodman Panelists: Larry Peiperl, Steven Goodman, Timothy Lash and Moyses Szklo	Ballroom 1 Recording
10:00am - 11:30am	Understanding the Rapidly Evolving Opioid Epidemic: How Can We Integrate Micro to Macro Epidemiologic Perspectives to Identify Drivers and Potential Solutions? Session Chair(s): Christina Mair and Magdalena Cerda Heroin in Transition: Understanding shifts in the risk environment for heroin users in the US Jay Unick Investigating the social ecological contexts of opioid use and overdose in PA Jessica Burke Geospatial patterns of fentanyl overdose & overdose surveillance systems in Rhode Island Brandon Marshall Prescription drug monitoring programs and opioid-related harm Magdalena Cerda Discussant Christina Mair	Ballroom 2
10:00am - 11:30am	Psychiatric Epidemiology in the Age of Precision Medicine: What is Our Role? Session Chair(s): Katherine Keyes The developmental origins hypothesis viewed from the lens of precision medicine Stephen Gilman Longitudinal outcomes of subsyndromal stress disorders in the population of Denmark Jaimie Gradus Population Neuroscience: Leveraging Epidemiological Methods to Improve our Understanding of Brain Development Katie McLaughlin The association between telomere length and psychiatric disorders: a mechanism for adversity to influence disorder risk, or a product of measurement error? Katherine Keyes Discussant Sandro Galea	Fifth Avenue

10:00am - 11:30am	<p>Methodological Challenges of Studying Perinatal Outcomes following Vaccination in Pregnancy: A Case Study on Influenza Vaccine Session Chair(s): Deshayne Fell and Jennifer Hutcheon Current controversies in maternal influenza immunization research and their implications for global health policy-making</p> <p>Justin Ortiz Controlling for confounding: Lessons learned from influenza vaccine studies in elderly</p> <p>Michael Jackson Accounting for the temporal nature of influenza, influenza illness, and pregnancy outcomes</p> <p>David Savitz Assessing the epidemiological plausibility of observed effect sizes</p> <p>Jennifer Hutcheon Linking epidemiological findings with mechanistic/biological pathways</p> <p>Brad Gessner Lessons learned: Summary & implications for studying other vaccines in pregnancy</p> <p>Deshayne Fell</p>	Grand Crescent
10:00am - 11:30am	<p>Putting the "Implementation" back into Implementation Science: Moving beyond the "Implications" of Epidemiologic Research Session Chair(s): Lydia Feinstein and Jessie Edwards From uncertainty to certainty: The banning of Antibacterial Soaps</p> <p>Allison Aiello From Data to Delivery and Back Again: Implementation Science Lessons from Malawi and Zambia</p> <p>Michael Herce Implementation science: Overlap with existing epidemiological concepts</p> <p>Catherine Lesko Asbestos standards for the 21st century: the impact of currently uncounted asbestos fibers on lung cancer risk</p> <p>Alexander Keil Discussant</p> <p>Kathleen Wirth</p>	Vashon
10:00am - 11:30am	<p>Social Policy as Health Policy: Evaluating Policies that Affect Population Health and Equity Session Chair(s): Maria Glymour Examining heterogenous impacts of the Earned Income Tax Credit on health</p> <p>David Rehkopf Historical investments in quantity and quality of schooling and contemporary population health</p> <p>Maria Glymour Housing policy as a lever for improving population health and reducing disparities</p> <p>Theresa Osypuk The poison in the gift: Can social policies affect mental health?</p> <p>Mauricio Avendano</p>	Elliott Bay
10:00am - 11:30am	<p>Norman Breslow: In Memoriam Session Chair(s): Robert Platt and Noel Weiss Regression analysis of disease rates with cohort study data, and Norm Breslow's related contributions</p> <p>Ross Prentice Norman Breslow's broad influence on the fields of epidemiology and biostatistics</p> <p>Robert Platt The design and analysis of case-control and two-phase case-control studies: Professor Norman Breslow's contributions and new developments</p> <p>Jinbo Chen</p>	St. Helens

11:30am - 1:30pm	Lunch (on your own)	
12:00pm - 1:00pm	Lunchtime Session (lunch not included) Who Wants to be an Epidemiologist? Host: Ian Shrier Judges: Jay Kaufman, Katherine Keyes and Daniel Westreich	Ballroom 1 Recording
1:30pm - 3:00pm	CONCURRENT CONTRIBUTED SESSION 1 Time, Place, & Health: Social Epidemiological Approaches to Contemporary Issues Session Chair(s): Sandro Galea 0330 Intergenerational educational attainment and obesity in Latino adults living in Sacramento, California Lindsay Fernández-Rhodes 0331 At the Intersection of Place, Race, and Health in Brazil: The Association Between Residential Segregation and Cardio-metabolic Risk Factors in the Brazilian Longitudinal Study of Adult Health Sharrelle Barber 0332 Prescription drug monitoring programs and prescription opioid overdose: exploring socioeconomic sources of heterogeneity Alvaro Castillo-Carniglia 0333 Estimating the Effects of Individual- and County-level Socioeconomic Factors on Individual Tobacco and Alcohol Use Rita Hamad 0334 Neighborhood Social and Economic Change and Diabetes Incidence over 6 years using Whole-Population Electronic Health Records in Madrid, Spain Usama Bilal	Ballroom 1 Recording
1:30pm - 3:00pm	A Fertile Field: Environmental Exposures and Fertility Session Chair(s): Allen Wilcox 0340 A prospective cohort study on peripubertal serum concentrations of organochlorine pesticides and semen quality: the Russian Children's Study Lidia Mínguez Alarcon 0341 Perfluoroalkyl and polyfluoroalkyl substances and female fecundability in two preconception cohort studies Lauren Wise 0342 Preconception plasma fatty acids and fecundability Sunni Mumford 0343 Urinary concentrations of phthalates and fecundability in two preconception cohort studies Elizabeth Hatch 0345 Urinary concentrations of phenols & fecundability in 2 preconception cohort studies Amelia Wesselink	Ballroom 2
1:30pm - 3:00pm	A History of Epidemiology Session Chair(s): Alfredo Morabia Intro & Epidemiology before the 17th Century Alfredo Morabia Foundation and Emergence, 17th and 18th Century Kristin Heitman Installation and Academia, 19th and pre 1945 20th Century Anne Hardy Recognition, 1945-1973 Henry Blackburn Integration, 1974 - Today Alfredo Morabia	Fifth Avenue

1:30pm - 3:00pm	The Fragility of Childhood through the Lens of Epidemiology	Grand Crescent
	Session Chair(s): Stephanie Engel	
0350	Changing patterns of child maltreatment Amanda Barczyk	
0351	Cumulative effects of early adolescent depression on marijuana and alcohol use disorder in late adolescence in a community-based cohort Isaac Rhew	
0352	Adverse childhood experiences and early initiation of sexual intercourse in a representative sample of high school students Kristen Clements-Nolle	
0353	The Influence of Neighborhood Disadvantage on Metabolic Syndrome from Adolescence through Adulthood Chantel Martin	
0354	Determinants of positive socio-emotional development among school aged children in rural Pakistan Joanna Maselko	
1:30pm - 3:00pm	Chronic Comorbidities among HIV+Adults	Vashon
	Session Chair(s): Farzana Kapadia	
0360	Cancer Risk in Older HIV-Infected Individuals in the United States Parag Mahale	
0361	The comparative safety of antiretroviral therapy regimens on AIDS-defining neurological conditions: a prospective study of HIV-positive individuals in high-income countries Ellen Caniglia	
0362	Trajectories of depressive symptoms among men and women in a large cohort of HIV-infected adults in the United States (US) Angela Bengtson	
0363	HIV infection and incidence of cardiovascular diseases: an analysis of a large healthcare database Alvaro Alonso	
0364	Assessing Individual and Disseminated Package Effects in Network-Randomized Studies of HIV Prevention Ashley Buchanan	
1:30pm - 3:00pm	Food Environment, Diet Quality and Health	Elliott Bay
	Session Chair(s): Shirley Beresford	
0370	Neighborhood Food Environment Greenness and Socioeconomic Environment in Relation to Term Low Birth Weight in Los Angeles County Eric Coker	
0371	Substitution effects of grocery restaurant and other household food expenditures on diet quality and body mass index an isomonetary analysis Cindy Leung	
0372	The Price of Healthy Food Relative to Unhealthy Food and its Association with Diet Quality: The Multi-Ethnic Study of Atherosclerosis David Kern	
0373	Diet quality in relation to coronary heart disease among US men with hypertension Sara Raposo	
0374	Changes in overall diet quality and survival in postmenopausal women with breast cancer: results from the Women's Health Initiative Yangbo Sun	
1:30pm - 3:00pm	Innovative Methods in Injury Epidemiology	St. Helens
	Session Chair(s): Guohua Li	
0380	Injury, Intense Dust Exposure, and Chronic Disease among Survivors of the World Trade Center Terrorist Attacks of September 11, 2001 Howard Alper	
0381	Public health application of predictive modeling analysis: Forecasting the risk of farm crash injuries Shabbar Ranapurwala	

	0382	Multiple Imputation Using Bayesian Multilevel Regression: An Application to Missing Marijuana Data in the Fatality Analysis Reporting System Qixuan Chen	
	0383	Estimating induction periods in case-crossover studies: an application to urban daily activities and gunshot assault Darcy Ellis	
	0384	Do 'Complete Streets' policies decrease cyclist fatality risk? An application of the parametric g-formula Stephen Mooney	
3:00pm - 3:30pm		Break and Poster Viewing	Ballroom 3
3:30pm - 5:00pm		CONCURRENT CONTRIBUTED SESSION 2 A Causal Inference Smorgasbord Session Chair(s): Jay Kaufman	Ballroom 1 Recording
	0390	Flexible marginal structural models to account for non-linear relationships between exposure and time-varying covariates Ryan Patrick Kyle	
	0391	Bayesian bias analysis for unobserved confounding: an application to the obesity paradox Patrick Bradshaw	
	0392	Estimation of Cause-Specific Mortality Using Fractional Weights for Multiple Contributing Causes of Death Tiffany Breger	
	0393	Comparing Agent-Based Modeling and the Parametric G-formula Aaron Shev	
	0395	Estimating Per-Protocol Survival Curves in a Trial of Colorectal Cancer Screening Sonja Swanson	
	0395	Targeted maximum likelihood with super learning to evaluate progress towards HIV care cascade goals: An example from the SEARCH "test and treat" study Laura Balzer	
3:30pm - 5:00pm		Mental Health-Related Exposures and Outcomes in the Settings of Pregnancy and Childhood Session Chair(s): Martha Werler	Ballroom 2
	0400	Does Maternal Glucose Dysregulation Interact with Child Genetics to Influence Risk for Autism Spectrum Disorder? Irva Hertz-Picciotto	
	0401	Identifying points of origin of race-related difference in preeclampsia risk Jennifer Adibi	
	0402	Positive association between maternal distress in pregnancy and infant neurobehavior Katherine Bowers	
	0403	Sex differences in the associations between maternal lifetime exposure to violence and neonatal outcomes Hagit Hochner	
	0404	Timing of Maternal Depression and Sex-specific Child Growth the Upstate KIDS Study Hyojun Park	
	0405	Attention-deficit hyperactivity disorder medication use during pregnancy and risk for birth defects - United States, 1997-2011 Kayla Anderson	
3:30pm - 5:00pm		Injury and Violence Prevention Session Chair(s): Matthew Miller	Fifth Avenue
	0410	Effect of California's comprehensive background check and misdemeanor violence prohibition policies on firearm mortality Magdalena Cerda	
	0411	Repeal of comprehensive background check policies and firearm homicide Rose Kagawa	

- 0412 Injuries and deaths due to legal intervention in California: trends rates & comorbid mental illness
Kriszta Farkas
- 0413 The Effect of Arrest on Intimate Partner Violence Recidivism
Vivian Lyons

3:30pm - 5:00pm

Common Medications and Cancer Incidence and Survival

Grand Crescent

Session Chair(s): **Heather Eliassen**

- 0420 Oral contraceptive use duration and risks of cancer
Kara Michels
- 0421 Analgesic use and risk of ovarian cancer in the Nurses Health Studies
Mollie Barnard
- 0422 Regular aspirin and non-aspirin NSAID use and prostate cancer recurrence after radical prostatectomy
Lauren Hurwitz
- 0423 Regular aspirin use and the risk of lethal prostate cancer in the Physicians' Health Study
Mary Kathryn Downer
- 0424 Diabetes treatments and risks of adverse breast cancer outcomes among early stage breast cancer patients: A SEER-Medicare analysis
Lu Chen
- 0425 Drug interactions with tamoxifen in a Danish premenopausal breast cancer cohort
Thomas Ahern

3:30pm - 5:00pm

The Social Contexts of Health-Related Behavior

Vashon

Session Chair(s): **Susan Mason**

- 0430 Impact of a New York City supportive housing program on housing stability and preventable health care among homeless families
Sungwoo Lim
- 0431 Reproductive decision-making under uncertainty: how economic preferences shape reproductive behavior
Deborah Karasek
- 0432 Pregnancy prevention on the fly: Risk of contraceptive lapse among young women during international travel
Summer Martins
- 0433 Association between food insecurity and medication adherence among diverse low-income patients with chronic disease at a community health center
Cristina Huebner Torres
- 0434 Social isolation loneliness and health behaviors at older ages: Evidence from the English Longitudinal Study of Ageing
Lindsay Kobayashi

3:30pm - 5:00pm

Integrating Measurement and Causal Inference Methods in Aging Research

Elliott Bay

Session Chair(s): **Priya Palta**

- 0440 Evaluating group-based trajectories of episodic memory in normal cognition and mild cognitive impairment: results from ADNI
Xiuhua Ding
- 0441 Contribution of lifecourse socioeconomic status and adult cardiovascular disease on memory decline among diverse older adults
Jessica Marden
- 0442 Cognitive aging in black and white Americans: Cognition cognitive decline and Alzheimer dementia incidence in a population-based study
Jennifer Weuve
- 0443 Does selective survival prior to study enrollment attenuate estimated effects of education on rate of cognitive decline in older adults? A simulation approach for quantifying survival bias in lifecourse epidemiology
Elizabeth Rose Mayeda
- 0444 Ghost-time bias from imperfect mortality ascertainment in aging cohorts
Eric Jacobs
- 0445 BMI isn't perfect but how bad (or good) is it as a measure of obesity in post-menopausal women?
Hailey Banack

3:30pm - 5:00pm	Latebreaker 1 Session Chair(s): Matthew Fox	St. Helens
5:30pm - 6:30pm 5:30pm - 6:30pm 6:30pm - 7:30pm	Poster Session 2 & Reception (cash bar) Poster Tour (SPC) SPC Business Meeting - all SPC members welcome	SPC Table Grand Crescent
7:30pm - 10:30pm	50th Anniversary Social at the Seattle Aquarium (ticket required)	

Thursday, June 22, 2017

7:00am - 7:50am	Speed Networking (SPC) (Pre-registration required) Host: Jaimie Gradus Mentors: Matthew Fox, Magdalena Cerda, Jaimie Gradus, Michael Oakes, Maria Glymour, Culin Zhang, Lauren Wise, Nigel Paneth, Lauren McCullough, Richard Maclehose	Elliott Bay Anteroom
7:00 am- 8:00am 7:30am - 6:00pm	Continental Breakfast Registration	Ballroom 3
8:00am - 9:30am	PLENARY SESSION 2 Cassel Lecture: Noel Weiss Tyroler Student Prize Paper: Ellicott Matthay Lilienfeld Postdoctoral Prize Paper: Neal Goldstein	Ballroom 1-2 Recording
9:30am - 10:00am	Break and Poster Viewing	Ballroom 3
10:00am - 11:30am	CONCURRENT CONTRIBUTED SESSION 3 Communities, SES, and Health Session Chair(s): Michael Oakes 0790 Health effects of community violence beyond injuries and deaths Jennifer Ahern 0791 Validation of a theoretically motivated approach to measuring childhood socioeconomic circumstances in the Health and Retirement Study Anusha Vable 0792 Does the temporal pattern of moving to a higher opportunity neighborhood across a 5-year period improve psychological distress among adolescent girls? Results from a federal housing experiment Theresa Osypuk 0793 Geographic variation in the social determinants of prescription opioid poisoning Veronica Pear 0794 Lifecourse socio-economic mobility and markers of healthy aging in a nationally representative sample of older adults Paola Gilsanz	Ballroom 1 Recording
10:00am - 11:30am	Brain = Environment + Development + Environment*Development Session Chair(s): Stephen Gilman 0795 Early Life Environmental Polybrominated Diphenyl Ether Exposures and Longitudinal Patterns of Child Neurodevelopment Joseph Braun 0796 Targeted effects of childhood adversity on fluid intelligence in a national sample of adolescents Jonathan Platt 0797 Early child cognition and behavior and adult depression: results from a longitudinal birth cohort John Pamplin	Ballroom 2

	0798	Cumulative and differential effects of life course exposures on cognitive function and decline Jordan Weiss	
	0799	Genetic Burden Scores and Early Life Socioeconomic Status Jointly Influence Memory Performance and Decline in Older Americans Jennifer Smith	
10:00am - 11:30am		History Session - Reminiscences of Former SER Presidents - and a Couple of Other Old-Timers Session Chair(s): Noel Weiss and Joseph Lyon	Fifth Avenue
10:00am - 11:30am		Cancer Epidemiology: An Array of Current Topics Session Chair(s): Lisa Signorello	Grand Crescent
	0800	When is enough enough? Adapting the fail-safe number and conditional power for deciding whether more research is needed on biomarker-cancer associations Michael Marrone	
	0801	The impact of mental health illnesses on timeliness of care in veterans with lung cancer Joshua Demb	
	0802	Longer sleep duration is associated with longer telomeres: results from the Women's Health Initiative Laurie Grieshober	
	0803	Sleep apnea and subsequent risk for cancer incidence and mortality Arthur Sillah	
	0804	The Joint Effects of Vitamin D Genetics and Epigenetics in the Prevention of Breast Cancer Katie O'Brien	
10:00am - 11:30am		Menstrual and Reproductive Characteristics in Relation to Women's Health Session Chair(s): Victoria Holt	Vashon
	0805	Folate related birth defects and future maternal cardiovascular mortality Kari Lungsoyr	
	0806	Hypertensive Disorders in First Pregnancy and Maternal Cardiovascular Disease: Mediation by Postpartum Cardiovascular Risk Factors Jennifer Stuart	
	0807	Hysterectomy with and without oophorectomy and cardiovascular disease risk Leslie Farland	
	0808	Anti-Müllerian hormone levels and risk of early natural menopause Brian Whitcomb	
	0809	Lifetime estrogen exposure and progressive supranuclear palsy Sindana Ilango	
10:00am - 11:30am		Infectious Disease Session Chair(s): Stephen Morse	Elliott Bay
	0810	Quantifying the impact of natural immunity on rotavirus vaccine efficacy estimates: a re-analysis of a clinical trial of monovalent rotavirus vaccine in Dhaka Bangladesh (PROVIDE) Elizabeth Rogawski	
	0811	Comparing Exponential Power-Law and Lognormal Distributions for Predicting Vaccine-Preventable Disease Incidence Pre- and Post-Control Sarah Ackley	
	0812	A network model of hand hygiene: How good is good enough to stop the spread of MRSA? Neal Goldstein	
	0813	Smartphones as a Tool for Deep Epidemiologic Data on Social Networks Paul Zivich	
	0814	Influenza dynamics in Chile 2008-2015 Christian Garcia-Calavaro	
	0815	Results of the 2015-2016 CDC Influenza Forecasting Challenge Craig McGowan	

10:00am - 11:30am	<p>Novel Methods and Measures in Environmental Epidemiology Session Chair(s): Traci Bethea and Jaime Hart</p> <p>0816 Statistical methods for assessing chemical mixtures in environmental studies applied to prenatal phthalate mixtures and birth weight among pregnant women from a fertility clinic Yu-Han Chiu</p> <p>0817 Concentrations of Endocrine Disrupting Chemicals in Newborn Blood Spots and Infant Outcomes: Implications for Population Health Research Upstate KIDS Study Germaine Buck-Louis</p> <p>0818 A data-driven approach to identify early-life air pollutant exposure profiles associated with school readiness among U.S. Children Jeanette Stingone</p> <p>0819 Association of Long-term PM2.5 Exposure with Novel Lipid Biomarkers Related to Cardiovascular Disease Risk Laura McGuinn</p> <p>0820 Vegetated land cover near residence is associated with reduced allostatic load and improved biomarkers of neuroendocrine metabolic and immune functions Andrey Egorov</p> <p>0821 A Systematic Assessment of Carcinogenicity of Chemicals in Hydraulic-Fracturing Fluids and Flowback Xiaohui Xu</p>	St. Helens
11:30am - 2:00pm	Lunch (on your own)	
12:00pm - 1:00pm	<p>Lunchtime Sessions (lunch not included) EARLY STAGE INVESTIGATOR (ESI) SESSION Should I Apply for a K Award or R Award as an Early Stage Investigator? Short presentations will be followed by questions from the audience. Session Chair(s): Lisa Bodnar Background on the success rates of K vs. R at NIH Gwen Collman Pros and cons of K vs. R from an academic chair's position Victoria Holt Perspective as a previous early stage investigator who received a K award Katherine Keyes Perspective as a previous early stage investigator who received a K99/R00 award Daniel Westreich</p>	Ballroom 1 Recording
12:00pm - 1:00pm	<p>Career Panel (SPC) Session Chair(s): David Fink Panelists: Nicolle Gatto, Brandon Marshall, Sunni Mumford and Andreas Stang</p>	Ballroom 2
1:00pm - 2:00pm	SER Business Meeting - all members welcome	Fifth Avenue
2:15pm - 3:45pm	<p>SYMPOSIA 2 Consequential Epidemiology of Gun Violence: Cutting-Edge Methods and Future Directions Session Chair(s): Ali Rowhani-Rahbar and Frederick Rivara Gun Violence Epidemiology in Historical Context Ali Rowhani-Rahbar Mapping Activity Patterns to Identify Triggers of Firearm Violence Douglas Wiebe Spatial Epidemiology of Gun Violence Bindu Kalesan Simulating the Impact of Firearm Disqualification Criteria on Firearm-Related Violence Magdalena Cerda Discussants: Charles Branas, Sandro Galea and Frederick Rivara</p>	Ballroom 1 Recording

2:15pm - 3:45pm	<p>All Models are Wrong Session Chair(s): Stephen Cole Guaranteed asymptotically optimal inference with the Highly-Adaptive-Lasso (HAL)-TMLE Mark van der Laan A randomized trial of data-adaptive, doubly-robust estimators versus standard practice Jessie Edwards Data Adaptive Model Selection: Art or Science or Artificial Intelligence James Robins</p>	Ballroom 2
2:15pm - 3:45pm	<p>Whatever Happened with ...? Reflections on Hot Topics Gone Cold from Epidemiology's Past Session Chair(s): David Savitz Adverse Repercussions of Silicone Breast Implants Louise Brinton Use of Unopposed Estrogens and the Incidence of Endometrial Cancer Noel Weiss Power Lines and Childhood Cancer David Savitz Vaccines and Autism: How Will It Be Viewed in Hindsight? Lisa Croen</p>	Fifth Avenue
2:15pm - 3:45pm	<p>Twenty Years of Social Capital and Health Research: What Have We Learned and What Is There Still to Learn? Session Chair(s): Spencer Moore Twenty years of social capital and health research Spencer Moore Social capital at the environment-health nexus: Can the concept help us address fundamental development and health challenges? Susan Elliot Does your body know who you are in the positional hierarchy? Reflections on the pathways linking social capital and health Lijun Song Social capital and health in welfare states: How can social policy contribute to our understanding of promoting social capital and health? Mikael Rostila Social capital and health inequities Spencer Moore</p>	Grand Crescent
2:15pm - 3:45pm	<p>Gender Disparities in Citations in Epidemiology: Data, Reflections, and Looking to the Future Session Chair(s): Enrique Schisterman and Sunni Mumford What do the data show Enrique Schisterman Bibliometrics: Measures and limitations Ya-Ling Lu Reflections from a Dean Michelle Williams Reflections from a Dean Germaine Buck Louis Reflections from a Department Chair Andrew Olshan Reflections from a Department Chair Diane Lauderdale Reflections from an Editor in Chief Timothy Lash</p>	Vashon

2:15pm - 3:45pm	<p>Epidemiology and the Microbiome: Unique Challenges for Measurement, Analysis and Interpretation of Data from Human Microbiome Studies Session Chair(s): Lisa Manhart and Jennifer Balkus Introduction to challenges associated with data from microbiome studies Lisa Manhart Overview of microbiome data Sujatha Srinivasan Analytic issues associated with microbiome data James Hughes Practical Applications: Studies of the genital tract microbiome Jennifer Balkus Practical Applications: Studies of the gut microbiome and colon cancer Johanna Lampe</p>	Elliott Bay
2:15pm - 3:45pm	<p>Critical Issues in Veteran Public Health Session Chair(s): Jaimie Gradus Gender Differences in Machine Learning Models of Trauma and Suicidal Ideation in Iraq and Afghanistan Veterans Jaimie Gradus Traumatic Brain Injury and Opioid Overdose Among Veterans of the Wars in Iraq and Afghanistan Jennifer Fonda Improving the delivery of veteran healthcare with an integrated learning system Ryan Ferguson A Co-twin Control Study of Suicide in the Vietnam Era Twin Registry Jack Goldberg</p>	St. Helens
3:45pm - 4:15pm	Break and Poster Viewing	Ballroom 3
2:15pm - 3:45pm	<p>CONCURRENT CONTRIBUTED SESSION 4 Asking Better Questions, Getting Better Answers Session Chair(s): Maya Peterson</p> <p>0828 Characterizing the effects of interest in pragmatic trials: a systematic literature review Eleanor Murray</p> <p>0829 The harm done to reproducibility by the culture of null hypothesis significance testing Timothy Lash</p> <p>0830 Simulating the potential benefits of interventions against malaria infection at delivery and maternal malnutrition in early pregnancy on pregnancy outcomes Jordan Cates</p> <p>0831 Estimating the stochastic direct effect under weaker assumptions: a proposed method and example in a randomized trial setting Kara Rudolph</p> <p>0832 Examining potential mediators of the effect of a conditional cash transfer program on child height and weight at 24 months Jeremy Labrecque</p> <p>0833 Adjusting for misclassification in cohort studies with competing events Giorgos Bakoyannis</p>	Ballroom 1 Recording
2:15pm - 3:45pm	<p>Reproductive and Perinatal Pharmacoepidemiology Session Chair(s): Kenneth Rothman and Jennifer Lund</p> <p>0822 Maternal Influenza Vaccination during Pregnancy and Birth Outcomes Ousseny Zerbo</p> <p>0823 Maternal use of acetaminophen and attention-deficit/hyperactivity disorder in offspring: A negative exposure control analysis Zeyan Liew</p> <p>0824 Methadone versus buprenorphine for opioid use dependence and risk of neonatal abstinence syndrome Lara Siminerio Lemon</p>	Ballroom 2

- 0825 Using web-based questionnaires to assess medication use during pregnancy:
a validation study in two prospective cohorts
Nel Roeleveld
- 0826 The impact of differential exposure misclassification on performance of propensity score
methods for binary outcome models: a simulation study
Mollie Wood
- 0827 A comparison of three bias correction methods using outcome predictive values in electronic
health record-based immunization schedule safety research
Sophia Newcomer

2:15pm - 3:45pm

**Neuropsychiatry and Behavioral Epidemiology: Fifty Years of High
Impact Research**

Fifth Avenue

Session Chair(s): **James Anthony**

- 0835 Fifty years of high impact epidemiological research on HIV/AIDS, injecting drug use, and
related conditions : Looking back and ahead
David Vlahov
- 0836 Fifty years of high impact epidemiological research on drug use disorders and related
conditions: Looking back and ahead
Silva Martins
- 0837 Fifty years of high impact research in the area of alcohol epidemiology: Looking back and
ahead
Hui Cheng
- 0838 Fifty years of high impact epidemiological research on the dementia syndromes: Looking
back and ahead
James Anthony
- 0839 Fifty years of high impact epidemiological research on psychoses, mood, and anxiety
disorders: Looking back and ahead
William Eaton

2:15pm - 3:45pm

The Socio-Political Construction of Health Disparities

**Grand
Crescent**

Session Chair(s): **Lynne Messer**

- 0840 Gentrification and Displacement in the Bay Area: Measurement of Demographic
Shifts
Mahasin Mujahid
- 0841 The legacy of housing discrimination in Detroit through redlining and its influence on current
neighborhood environment and self-rated health trajectories
Elizabeth McClure
- 0842 The Lifetime Prevalence of Incarceration among Men in the United States by Race and
Educational Level: Implications for Health?
Marvin So
- 0843 Price discounting disproportionately increases soda purchasing in neighborhoods with lower
socio-economic status
Hiroshi Mamiya
- 0844 The association between environmental quality and uncontrolled diabetes among older adults
in the U.S.
Chrisine Gray
- 0845 Preconception cardiovascular risk factors and racial disparities in birth outcomes: the
Bogalusa Heart Study
Emily Harville

2:15pm - 3:45pm	CVD: Congenital Heart Disease, Environmental Risk Factors Session Chair(s): Stephen Fortmann and Aghishek Vishnu	Vashon
0850	Long-term outcomes in adolescents and adults with congenital heart disease: population-based surveillance Lindsey Duca	
0851	Cancer incidence among children and young adults who have undergone x-ray guided cardiac catheterization procedures Mark Pearce	
0852	Risk of Dementia in Adults with Congenital Heart Disease: A Population-Based Cohort Study Carina Bagge	
0853	Bisphenol A (BPA) BPA Substitutes and Cardiovascular Disease in U.S. Adults Buyun Liu	
0854	Applying Nonparametric Methods to Analyses of Short-term Fine Particulate Matter Exposure and Hospital Admissions for Cardiovascular Diseases among Older Adults Xiaobin Liu	
0855	Association between Traffic-related Pollution and Hypertension: A Retrospective Cohort Study in Taiwan Sheng-Wei Chiu	
2:15pm - 3:45pm	Thinking Structurally, Acting Globally: Advancing Social and Environmental Determinants in Global Health Session Chair(s): Brandon Marshall	Elliott Bay
0856	Longitudinal association between psychiatric comorbidities and PTSD among a cohort of Chilean disaster survivors Cristina Fernandez	
0857	Precipitation and diarrheal disease in Mozambique: is climate change a factor? Lindsay Horn	
0858	Dengue Transmission Dynamics: Epidemiological and Geographic Identification of High Risk Settings in Medellin, Colombia Mabel Carabali	
0859	Comparison of two control groups for estimation of oral cholera vaccine effectiveness from a case-control study Molly Franke	
0860	Evaluating the validity of caregiver-reported diarrhea: A large, population-based study in the Amhara region of Ethiopia Kristen Aiemjoy	
2:15pm - 3:45pm	LB2 Latebreaker 2 Session Chair(s): Matthew Fox	St. Helens
6:00pm - 7:00pm	Poster Session 3 & Reception (cash bar)	Ballroom 3
6:00pm - 7:00pm	Poster Tour (SPC)	SPC Table
7:00 pm onward	Alumni Reunions	

Friday, June 23, 2017

7:00am - 8:00am	Continental Breakfast	Ballroom 3
7:30am - 1:15pm	Registration	
8:00am - 9:30am	PLENARY SESSION 3 Distinguished Service to SER Award Winner: Polly Marchbanks Career Accomplishment Winner: Kenneth Rothman Brian MacMahon Early Career Award Winner: Laura Rosella	Ballroom 1-2 Recording
9:30am - 10:00am	Break and Poster Viewing	Ballroom 3

10:00am - 11:30am	<p>SYMPOSIA 3 Epidemiology's Next 50 Years through the Lens of the Last 50 Session Chair(s): Jessica Chubak and Stephen Mooney Focusing the microscope: how advances in our understanding of tumor biology have shaped cancer epidemiology and clinical practice Amanda Phipps Public works: HIV epidemiology from patients to population health Daniel Westreich No causation without manipulation? Moving beyond description in health disparities research Whitney Robinson Joining the macro and micro: new strategies to identify effective violence prevention targets Magdalena Cerda The Angel is in the Details: Molecular Epidemiology for Infectious Disease Control Michael Jackson</p>	Ballroom 1 Recording
10:00am - 11:30am	<p>Sleepless in Seattle: Is Dependent Error Keeping You up at Night? Maybe It Should! Session Chair(s): Matthew Fox and Daniel Brooks Introduction to dependent error – What's the big deal? Matthew Fox Consequences and mechanisms of exposure outcome dependent error Dan Brooks Implications of dependent exposure-confounder misclassification: A simulation study Kelly Getz Correlated biomarker measurement error Anna Pollack Dependent error is a big deal – time to start taking things more seriously Matthew Fox</p>	Ballroom 2
10:00am - 11:30am	<p>SER/AJE 50th Anniversary Special Issue - Reflections from Commentary Writers Session Chair(s): Bernard Harlow and Moyses Szklo Panelists: Allison Aiello, Clarice Weinberg, Kenneth Rothman, Sherman James and Yvette Cozier</p>	Fifth Avenue
10:00am - 11:30am	<p>The Central Role of Epidemiology in Transdisciplinary and Translational Team Science Session Chair(s): Qing Li, Muin Khoury and Robert Hiatt Opening Comments: Motivation from perinatal epidemiology Qing Li Team, transdisciplinary and translational science: the role of the epidemiologist Robert Hiatt Generalizability of the results of randomized trials Noel Weiss Precision medicine and genomics: Lessons in translational epidemiology from bench to populations Muin Khoury Approaches to integrating innovation into translation Roberta Ness</p>	Grand Crescent

10:00am - 11:30am	<p>Women's Health is Public Health: Is the 21st Century a Level Playing Field for Women's Health Research? Session Chair(s): Ellen Caniglia and Eleanor Murray Under-representation of Women in Health Research: Progress and Challenges Julie Palmer Methodological Issues in Clinical Trials of Women of Reproductive Age Enrique Schisterman Women's Health Research: Legitimacy and Funding Stacey Missmer Discussant: Leslie Farland</p>	Vashon
11:30am - 12:00pm	Break	
12:00pm - 1:00pm	<p>PROFESSIONAL DEVELOPMENT SESSIONS Ask Anything Session Chair(s): Diane Lauderdale Panelists: Polly Marchbanks, Pam Factor-Litvak and Victoria Holt</p>	Fifth Avenue
	<p>Excellence in Education Award Winner Session Chair(s): Jay Kaufman</p>	Grand Crescent
1:00pm	<p>Meeting Adjourns See you in Baltimore, MD, June 19-22, 2018</p>	