



Society for Epidemiologic Research 46th Annual Meeting

Conference Program

Boston, Massachusetts



Colleagues:

It is a pleasure to welcome you to the 46th annual meeting of the Society for Epidemiologic Research (SER) being held in Boston. Boston is both one of America's great cities and also home to an extraordinary density of health scholarship, making an SER meeting her apposite.

There is much that we hope will make this meeting interesting. In particular we are this year featuring more plenary sessions than we have in the past, giving us an opportunity to highlight some of the key themes that our discipline has been grappling with in recent years. We are honored to have Dr. Thomas R Frieden, Director of the Centers for Disease Control and Prevention open with a keynote address about "Ensuring relevance for epidemiology in a changing world". Other plenary sessions, all featuring some of the leaders in the field, include "Training Epidemiologists: Looking into the Future", "Beyond Cells to Society: From Exposome to Genome", and "Causal Inference: Why Bother?". Of course the heart of the SER annual meeting remains the symposia and submitted sessions. We have the usual wide range of these, featuring presentations from all the epidemiologic sub-disciplines.

The meeting comes at the end of a year where we have done much to strengthen SER. Looking ahead to SER's 50th anniversary in 2017, this year's SER executive committee has launched an ambitious agenda of new initiatives which we call collectively SER50. The SER50 agenda includes new efforts such as regular SERTalks across the country, an annual SERdigital conference, SERplaylists featuring expert selections and a renewed commitment of SER to engage its memberships in all aspects of SER functioning, including to reinvigorate membership, strengthen our educational engagement, and better communicate the science.

The goal of SER, as stated in Article II of our bylaws, remains "to foster epidemiologic research". I think our annual meeting does much toward that end and hope that this meeting is no exception. We are looking forward to doing even better by this goal through our SER50 efforts, aiming for an even stronger and more robust organization—and discipline—in 2017.

I hope the 2013 meeting will be memorable. I look forward to meeting many of you during these few days.

Sandro Galea, MD, DrPH
SER President
2012-2013

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Epidemiologic
Research*

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2013



2012-2013

**President****Sandro Galea**

Columbia University
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New York, NY 10032
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**Members-at-Large****Bernard Harlow (2013)**

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School of Public Health
1300 South 2nd St, #300
Minneapolis, MN 55454
harlow@umn.edu

**President Elect****Germaine Buck Louis**

glouis2010@gmail.com

**Julie Buring (2014)**

Harvard Medical School
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900 Commonwealth Ave, 3rd Floor
Boston, MA 02215
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**Past President****Polly Marchbanks**

Centers for Disease Control and Prevention
1600 Clifton Rd, MS K34
Atlanta, GA 30333
pam2@cdc.gov

**Stephen Cole (2014)**

University of North Carolina at Chapel Hill
McGavran-Greenberg Bldg
Suite 2105, CB #7435
Chapel Hill, NC 27599
cole@unc.edu

**Secretary Treasurer****Joseph Lynn Lyon**

University of Utah
Dept. of Family and Preventive Medicine
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375 Chipeta Way, Suite A
Salt Lake City, UT 84108
joseph.lyon@utah.edu

**Maria Glymour (2015)**

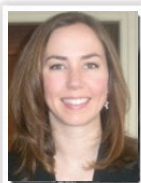
Department of Epidemiology & Biostatistics
University of California, San Francisco
mglymour@psg.ucsf.edu

Student & Post-Doc Committee Officers



Society for
Epidemiologic
Research

2012—2013



President
Rena Jones
National Cancer Institute
rena.jones@nih.gov



Treasurer/Abstracts Committee Chair
Ahmed Kassem
New York University
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President Elect
Abdulrahman El-Sayed
Columbia University
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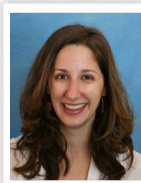
Nominations/Membership Committee Chair
Amelia Boehme
University of Alabama at Birmingham
boehmea@uab.edu



Past President
Stella Aslibekyan
Brown University
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Program Committee Co-Chairs
Craig Meyer
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Secretary/Communications Chair
Elizabeth Widen
University of North Carolina
widen@unc.edu



Ivy Shiue
University of Edinburgh
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SER-SPC Mission



The mission of the SER-Student & Post-Doc Committee (SER-SPC) is to facilitate the educational experiences and professional development of students in epidemiology-related disciplines by providing information, resources, and networking opportunities; facilitating student exchange of research ideas; and providing service to the SER and advancing and promoting the SER-SPC.

Visit the SER exhibit table for more information.



The Executive Committee would like to thank all participants in the SER Committees.

Awards Committee



Chair: John Acquavella, Amgen, Inc.

The purpose of the Awards Committee is to solicit nominations for, and supervise the administration of SER awards. The Awards Committee is also charged with developing new awards for SER, in concert with the SER executive committee, to reflect particular areas that should be rewarded by SER members.

Board Representative: Julie Buring, Harvard Brigham and Womens

SER Administrative: Sue Bevan

SER-SPC Representative: Stella Aslibekyan (SPC Past President) , Brown University

Committee Members:

Elizabeth Bertone-Johnson, University of Massachusetts

Rita V. Burke, Children's Hospital LA, Pediatric Surgery

Honglei Chen, NIEHS

Cara Frankenfeld, George Mason University

Elizabeth Grubert, University at Albany

Ann Hsing, Cancer Prevention Institute of California

Pamela Jo Johnson, Medica Research Institute / UMN

Jagjit S. Teji, University of Chicago

Communications Committee



Chair: Arijit Nandi, McGill University

The purpose of the communications committee is to coordinate and guide SER's communications to its members and to the general public. The committee also helps ensure regular and ongoing communication between SER's members and the organization. The committee has primary responsibility for SERnews, the SER newsletter, for SER's communication via social media, and for other forms of communication generated by SER.

Board Representative: Stephen Cole, University of North Carolina, Chapel Hill

SER Administrative: Sue Bevan

SER-SPC Representatives: Rena Jones (SPC President), NCI
Abdulrahman El-Sayed (SPC President-Elect) , Columbia University

Committee Members:

Sophia Allen, Walden University

Rennie Ferguson, Safe Kids Worldwide

Brianna Magnusson, Brigham Young University

Angela Malek, Medical University of South Carolina

Whitney Robinson, University of North Carolina

Christopher Ronk, ChemRisk LLC

Kathleen E Wirth, Harvard

Education and Professional Development Committee



Chair: Jay Kaufman, McGill University

The purpose of the Education and Professional Development Committee is to coordinate and guide SER's efforts on education aimed at trainees, junior, and mid-career epidemiologists. The committee will supervise and coordinate education events that occur during the year and during the annual meeting, including SERdigital (formerly eMAC), SERTalks, SERplaylists and the ESI Project. The committee may develop other areas in which SER can fulfill its mission for education.

Board Representative: Bernard Harlow, University of Minnesota

SER Administrative: Sue Bevan & Jacqueline Brakey

SER-SPC Representatives: Craig Meyer (SPC Program Chair), University of Minnesota
Ahmed Kassem (Abstract Committee Chair), New York University

Committee Members:

Reza Alaghebandan, Memorial University of Newfoundland
Hailey Banack, McGill University
Dominic Cirillo, University of Iowa
Summer Hawkins, Boston College
WayWay M. Hliang, University of Miami
Candice Johnson, CDC
Vivian Colon Lopez, University of Puerto Rico
Jennifer Lund, Aarhus University

Sheryl Magzamen, University of Oklahoma HSC
Brandon Marshall, Brown
Shiva Metghalchi, West Coast University
Shuji Ogino, Harvard Brigham and Womens
Katherine Theall, Tulane University
Lina Titievsky, Pfizer
Xiaozhong Wen, SUNY at Buffalo

Membership/Nominations Committee



Chair: Irene Yen, University of California, San Francisco

The purpose of the Membership and Nominations Committee is twofold. First, the committee is charged with nurturing SER membership, including developing new approaches to fostering membership in SER and working with the executive committee on implementation of these efforts. Second, the committee is charged with identifying members who can be engaged in SER activities, both in SER's committees and on the SER executive committee. The committee will help identify potential candidates for election to executive positions for consideration by the SER executive committee annually.

Board Representative: Maria Glymour, University of California, San Francisco

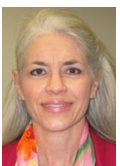
SER-SPC Representative: Amelia Boehme (SPC Membership/Nominations Chair), University of Alabama at Birmingham

SER Administrative: Jacqueline Brakey

Committee Members:

Jacques Baillargeon, University of Texas
Jeanine M. Buchanich, University of Pittsburgh
Jaimie Gradus, Boston University
Kiarri Nailha Kershaw, Northwestern University
Pam Factor-Litvak, Columbia University

Publications Committee



Chair & Board Representative: Past-President, Polly Marchbanks, CDC

The purpose of the Publications Committee is to work actively with the journal of the society, the American Journal of Epidemiology, to consider ways in which to optimize function of the society and of the journal for mutual benefit.

SER-SPC Representative: Elizabeth Widen (SPC Secretary), University of North Carolina

SER Administrative: Sue Bevan

Committee Members:

Daniel Westreich, Duke University
Linda Brown, RTI International
Jennifer Ahern, Berkeley



Wednesday, June 19, 8:00-9:30 am

Keynote Address

Thomas R. Frieden, MD, MPH, Director, Centers for Disease Control and Prevention



“Ensuring Relevance for Epidemiology in a Changing World”

Thomas R. Frieden, MD, MPH, became Director of the Centers for Disease Control and Prevention (CDC) in June 2009. Dr. Frieden has worked to control both communicable and non-communicable diseases in the United States and around the world. From 1992-1996, he led New York City’s program that rapidly controlled tuberculosis, including reducing cases of multidrug-resistant tuberculosis by 80 percent. He then worked in India for five years where he assisted with national tuberculosis control efforts. The program in India has treated more than 10 million patients and has saved more than one million lives.

President's Address

Sandro Galea, MD, MPH, DrPH, Columbia University



Dr. Galea is the Anna Cheskis Gelman and Murray Charles Gelman Professor and Chair of the Department of Epidemiology at the Columbia University Mailman School of Public Health. He is a physician and an epidemiologist. Dr. Galea is particularly interested in the social production of health of urban populations. His work explores innovative cells-to-society approaches to population health questions. He has long had a particular interest in the consequences of mass trauma and conflict worldwide, including as a result of the September 11 attacks, Hurricane Katrina, conflicts in sub-Saharan Africa, and the American wars in Iraq and Afghanistan.

Wednesday, June 19, 1:30 - 3:00 pm

Training Epidemiologists: Looking into the Future

Being ready for a career in epidemiology in 2013 is very different than it was even 5 years ago. How students should be prepared for this financially challenged world with increasingly more complex, interdisciplinary studies?. How should different career paths be weighed? These issues will be addressed by the leaders of four Boston-area institutions that train epidemiologists.



Chair: Bernard Harlow, PhD
University of Minnesota

Panelists:



Sue Hankinson, ScD
University of Massachusetts, Amherst



Paul Jacques, DSc
Tufts University



Martha Werler, ScD
Boston University School of Public Health



Michelle Williams, ScD
Harvard School of Public Health



Thursday, June 20, 8:00 - 9:40 am

Lilienfeld Student Prize Paper Winner Presentation



Antidepressant Use and Risk for Preeclampsia among Women Enrolled in Medicaid

Kristin Palmsten, ScD
Harvard School of Public Health

Beyond Cells to Society: From Exposome to Genome



Thinking 'Above the Skin': How the Brave New World of Exposure Assessment will Shape Epidemiology in the Coming Decades

Jim Anthony, PhD
Michigan State University



Thinking 'Below the Skin': Emerging Biologic Science and its Implications for Epidemiology

Daniele Fallin, PhD
Johns Hopkins School of Public Health

Friday, June 21, 8:00 - 9:30 am

Causal Inference: Why Bother?

Causal inference has become a hot topic in epidemiology and biostatistics. In this symposium, speakers will discuss in accessible terms, the reasons they began using causal inference methods and their perceptions of the strengths and limitations of these approaches. This session will start an important dialogue to begin to bridge the divide between causal converts and skeptics.



Chair: Jennifer Ahern, PhD, MPH
University of California, Berkeley

Panelists:



Magdalena Cerdá, DrPH, MPH
Columbia University



Maria Glymour, ScD
University of California, San Francisco



Maya Peterson, MD, PhD
University of California, Berkeley



John Acquavella, PhD, Amgen's Center for Observational Research (CfOR)

Professional Development: Negotiating an Offer - Friday, June 21, 12:00 - 1:00 pm

Jennifer Ahern, PhD MPH, School of Public Health at the University of California, Berkeley

Plenary Session Chair: Causal Inference: Why bother? - Friday June 21, 8:00 - 9:30 am

Jim Anthony, PhD, MSc, Michigan State University

Plenary Session: Beyond Cells to Society: From Exposome to Genome - Thursday, June 20, 8:00 - 9:40 am

Maria Argos, PhD, Department of Health Studies at the University of Chicago

CCS Chair: Environmental Epidemiology: Interactions between Environmental and Genetic Factors - Thursday, 3:30 - 5:00 pm

Elizabeth Bertone-Johnson, ScD, Associate Professor of Epidemiology at the University of Massachusetts School of Public Health and Health Sciences, and Director of the UMass Center for Research and Education in Women's Health

Symposium Chair: Vitamin D for Prevention of Cardiovascular Disease, Cancer and other Chronic Diseases - Wednesday, June 19, 3:30 - 5:00 pm

Plenary Session: Training Epidemiologists: Looking into the Future - Wednesday, 1:30 - 3:00 pm

Coleen Boyle, PhD, National Center on Birth Defects and Developmental Disabilities (NCBDDD), Centers for Disease Control and Prevention

CCS Chair: Emerging Issues in Birth Defects and Developmental Disorders - Thursday, June 20, 3:30 - 5:00 pm

Stephen Buka, ScD, Professor and Chair of the Department of Epidemiology at Brown University's School of Public Health

Professional Development: Ask Me Anything - Friday, June 21, 12:00 - 1:00 pm

Magdalena Cerdá, DrPH MPH, Assistant Professor of Epidemiology at the Columbia University Mailman School of Public Health

Plenary Session: Causal Inference: Why Bother - Friday, June 21, 8:00 - 9:30 am

Sarah S. Cohen, PhD, received her degree in Cancer Epidemiology from the University of North Carolina at Chapel Hill

Symposium Chair: Racial Disparities in Cancer: From the Molecular to the Macro-environment - Wednesday, June 19, 3:30 - 5:00 pm

Stephen Cole, PhD, University of North Carolina at Chapel Hill

Symposium Chair: Surviving Competing Risks - Thursday, June 20, 10:00 - 11:30 am

Derek Cummings, PhD, MPH, Johns Hopkins Bloomberg, School of Public Health

CCS Chair: Estimating the Burden of Influenza - Thursday, June 20, 1:30 - 3:00 pm

Jessie Edwards, doctoral candidate at the University of North Carolina, Chapel Hill

Symposium Chair: Recording Nature's Answers: Measurement Bias in Epidemiology - Friday, June 21, 10:00 - 11:30 am

Abdulrahman El-Sayed, DPhil, Department of Epidemiology, Mailman School of Public Health, Columbia University

Symposium Chair: Moving from Why to How - Thursday, June 20, 10:00 - 11:30 am

Pam Factor-Litvak, PhD, Department of Epidemiology, Mailman School of Public Health, Columbia University

CCS Chair: Prenatal Exposures and Outcomes over the Life Course - Wednesday, June 19, 10:00 - 11:30 am

Daniele Fallin, PhD, Johns Hopkins Bloomberg, School of Public Health

Plenary Session: Beyond Cells to Society: From Exposome to Genome - Thursday, June 20, 8:00 - 9:40 am

Sandro Galea, MD, MPH, DrPH, Columbia University

Plenary Session: President's Message - Wednesday, June 19, 8:00 - 9:30 am

Professional Development: Ask Me Anything - Friday, June 21, 12:00 - 1:00 pm

Marlene Goldman, ScD, Dartmouth Medical School

ESI Session: Building a National Reputation - Wednesday, June 19, 12:00 - 1:00 pm

Jaimie Gradus, DSc, MPH, Women's Health Sciences Div of the National Center for PTSD, and Boston University School of Medicine and School of Public Health

Symposium Co-Chair: Methodological Issues in Psychiatric Epidemiology - Wednesday, June 19, 3:30 - 5:00 pm

Stephen Gilman, ScD, Department of Epidemiology, Harvard School of Public Health

CCS Chair: Advances in Suicide Epidemiology: Macro, Micro, Method - Thursday, June 20, 1:30 - 3:00 pm

Maria Glymour, ScD, Department of Epidemiology & Biostatistics, University of California, San Francisco

Plenary Session: Causal Inference: Why Bother? - Friday, June 21, 8:00 - 9:30 am



Sue Hankinson, ScD, Department of Epidemiology, Harvard School of Public Health

Plenary Session: Training Epidemiologists: Looking into the Future - Wednesday, 1:30 - 3:00 pm

CCS Co-Chair: Cancer in Women - Thursday, June 20, 12:00 - 1:00 pm

Bernard Harlow, PhD, University of Minnesota

ESI Session: Building a National Reputation - Wednesday, June 19, 12:00 - 1:00 pm

Plenary Session: Training Epidemiologists: Looking into the Future - Wednesday, 1:30 - 3:00 pm

Patricia Hartge, ScD, National Cancer Institute

ESI Session: Building a National Reputation - Wednesday, June 19, 12:00 - 1:00 pm

Penelope Howards, PhD, Department of Epidemiology, Rollins School of Public Health, Emory University

Symposium Chair: Teaching Introductory Epidemiology: Necessary Simplifications vs. Perpetuating Myths - Friday, June 21, 10:00 - 11:30 am

Paul Jacques, DSc, Jean Mayer USDA, Human Nutrition Research Center on Aging, Tufts University

Plenary Session: Training Epidemiologists: Looking into the Future - Wednesday, 1:30 - 3:00 pm

Rena Jones, PhD, Postdoctoral Fellow, National Cancer Institute

CCS Chair: SERdigital (formerly eMAC) Award Winners - Wednesday, June 19, 10:00 am - 11:30 am

Jay S. Kaufman, PhD, Department of Epidemiology, Biostatistics and Occupational Health, McGill University

Symposium Chair: Beyond Intention-to-treat: A Deeper Understanding of Adherence-based Analyses - Friday, June 21, 10:00 - 11:30 am

Symposium Chair: Visionary Epidemiology [Sponsored by EPIDEMIOLOGY] - Wednesday, June 19, 3:30 - 5:00 pm

Katherine Keyes, PhD, MPH, Department of Epidemiology, Mailman School of Public Health, Columbia University

Symposium Chair: New Methods for an Old Epidemiologic Problem: Age, Period, and Cohorts Effects - Friday, June 21, 10:00 - 11:30 am

CCS Chair: Substance use across Time, Space, and Generation: Novel Directions and Implications for Prevention - Wednesday, June 19, 10:00 - 11:30 am

Lewis Kuller, MD, DrPH, Distinguished University Professor of Public Health Emeritus

Symposium Chair: What is the Role of Epidemiology in the Era of Molecular Biology and Genomics [Sponsored by the AJE] - Thursday, June 20, 10:00 - 11:30 am

Bryan Lau, PhD, Johns Hopkins School of Public Health

Symposium Chair: Surviving Competing Risks - Thursday, June 20, 10:00 - 11:30 am

Diane Lauderdale, PhD, Department of Health Studies at the University of Chicago

CCS Chair: Cardiovascular Epidemiology - Wednesday, June 19, 10:00 - 11:30 am

Katherine Laughon, MD, Division of Epidemiology, Statistics and Prevention Research at the Eunice Kennedy Shriver National Institute of Child Health and Human Development, National Institutes of Health

Symposium Chair: Innovative Design and Analysis Issues in Fetal Growth Studies - Wednesday, June 19, 3:30 - 5:00 pm

Germaine Buck Louis, PhD, Division of Epidemiology, Statistics and Prevention Research at the Eunice Kennedy Shriver National Institute of Child Health and Human Development, National Institutes of Health

Chair/Moderator: Negotiating an Offer - Friday, June 21, 12:00 - 1:00 pm

Alyssa J. Mansfield, PhD, MPH, National Center for PTSD within the Department of Veterans Affairs

Symposium Chair: Methodological Issues in Psychiatric Epidemiology - Wednesday, June 19, 3:30 - 5:00 pm

JoAnn Manson, MD, MPH, DrPH, Division of Preventive Medicine, Brigham and Women's Hospital; Women's Health, Harvard Medical School; and Department of Epidemiology, Harvard School of Public Health

Symposium Chair: Vitamin D for Prevention of Cardiovascular Disease, Cancer and other Chronic Diseases - Wednesday, June 19, 3:30 - 5:00 pm

CCS Chair: Cancer in Women - Thursday, June 20, 1:30 - 3:00 pm

Professional Development: Negotiating an Offer - Friday, June 21, 12:00 - 1:00 pm

Polly Marchbanks, PhD, Division of Reproductive Health, Centers for Disease Control and Prevention

CCS Chair: Latebreaker Session - Thursday, June 20, 3:30 - 5:00 pm

Claire Margerison-Zilko, PhD, School of Social Work and the Population Research Center, University of Texas at Austin

Symposium Chair: Innovations in Neighborhood Research: Where Do We Go from Here? - Wednesday, June 19, 3:30 - 5:00 pm

Lynne C. Messer, PhD, MPH, School of Community Health, College of Urban and Public Affairs at Portland State University

CCS Chair: Psychosocial Status across the Reproductive Life Cycle - Thursday, June 20, 1:30 - 3:00 pm



Arijit Nandi, PhD, Department of Epidemiology, Biostatistics, and Occupational Health, McGill University
CCS Chair: On the Analysis of Mediation in Social Epidemiology - Thursday, June 20, 1:30 - 3:00 pm

Polly Newcomb, PhD, Division of Public Health Sciences, Fred Hutchinson Cancer Research Center
Symposium Chair: Old Studies, New Questions:- Friday, June 21, 10:00 - 11:30 am

Andrew Olshan, PhD, Gillings School of Global Public Health, University of North Carolina at Chapel Hill
ESI Session: Building a National Reputation - Wednesday, June 19, 12:00 - 1:00 pm
Professional Development: Negotiating an Offer - Friday, June 21, 12:00 - 1:00 pm

Kristin Palmsten, ScD, Harvard School of Public Health
Plenary Session: Lilienfeld Student Prize Paper Winner Presentation - Thursday, June 20, 8:00 - 9:40 am

Maya Peterson, MD, PhD, Biostatistics and Epidemiology, University of California at Berkeley
Plenary Session: Causal Inference: Why Bother? - Friday, June 21, 8:00 - 9:30 am

Robert Platt, PhD, Departments of Epidemiology, Biostatistics, and Occupational Health and of Pediatrics at McGill University
CCS Chair: Methods in Perinatal Epidemiology - Wednesday, June 19, 10:00 - 11:30 am

Beate Ritz, MD, PhD, Department of Epidemiology at the UCLA School of Public Health
Professional Development: Ask Me Anything - Friday, June 21, 12:00 - 1:00 pm

Whitney R. Robinson, PhD, MSPH, Gillings School of Global Public Health, University of North Carolina at Chapel Hill
CCS Chair: Obesity Research: Causal Questions, Novel Methods - Thursday, June 20, 1:30 - 3:00 pm
Symposium Chair: New Methods for an Old Epidemiologic Problem: Age, Period, and Cohorts Effects - Friday, June 21, 10:00 - 11:30 am

Lisa Signorella, ScD, Department of Epidemiology, Harvard School of Public Health
Symposium Chair: Racial Disparities in Cancer: From the Molecular to the Macro-environment - Wednesday, June 19, 3:30 - 5:00 pm

Ezra Susser, MD, DrPH, Mailman School of Public Health at Columbia University, and New York State Psychiatric Institute
Symposium Chair: Health of Indigenous Peoples: A Global Health Disparity [Sponsored by the IEA] - Thursday, June 20, 10:00 - 11:30 am

Eric Tchetgen Tchetgen, PhD, Department of Epidemiology, Harvard School of Public Health
CCS Chair: Contributions to Causal inference - Thursday, June 20, 3:30 - 5:00 pm

Mary Beth Terry, PhD, Columbia's Mailman School of Public Health at Columbia University
CCS Chair: Toward a Definite, Coherent Heterogeneity - Thursday, June 20, 3:30 - 5:00 pm

Kate Tilling, PhD, Department of Social Medicine, University of Bristol
Symposium Chair: Statistical Methods in Lifecourse Epidemiology - Thursday, June 20, 10:00 - 11:30 am

John Vena, PhD, Department of Epidemiology and Biostatistics, University of Georgia
CCS Chair: Occupation - Wednesday, June 19, 10:00 - 11:30 am

Noel Weiss, DrPH, Fred Hutchinson Cancer Research Center, University of Washington
Professional Development: Mentoring across the Lifecourse - Friday, June 21, 12:00 - 1:00 pm

Martha Werler, DSc, MPH, Slone Epidemiology Center at Boston University
Plenary Session: Training Epidemiologists: Looking into the Future - Wednesday, June 19, 1:30 - 3:00 pm

Allen Wilcox, MD, PhD, Reproductive Epidemiology Group, National Institute of Environmental Health Sciences
Symposium Chair: Visionary Epidemiology [Sponsored by EPIDEMIOLOGY] - Wednesday, June 19, 3:30 - 5:00 pm

Michelle A. Williams, ScD, Department of Epidemiology at the Harvard School of Public Health
Plenary Session: Training Epidemiologists: Looking into the Future - Wednesday, June 19, 1:30 - 3:00 pm
Professional Development: Mentoring across the Lifecourse - Friday, June 21, 12:00 - 1:00 pm

Lauren Wise, ScD, Slone Epidemiology Center, Boston University School of Public Health
CCS Chair: Female Infertility: Causes & Consequences - Thursday, June 20, 3:30 - 5:00 pm



The inaugural SERTalks was held this past April in North Carolina. Special thank you to Andy Olshan and the University of North Carolina at Chapel Hill for graciously hosting. Join us in San Francisco on Wednesday, September 18th with Dr. Noel Weiss. Co-hosted by UC San Francisco and UC Berkeley.

Check the website for updated details at <http://www.epiresearch.org/talks/>

SERplaylists are key reading lists around topics selected by epidemiology experts. Playlists will be released to the SER membership every November, January, February, May and July



Currently there are three playlists available to view on the SER website (see below). The first playlist is open access. All additional playlists added to the website will require SER member login. Current, logged-in members should see all available playlists.

1. Steve Cole's "Introduction to marginal structural models", also titled "Rabbit hole 1" playlist, to be read in the order listed on the website with an ample dose of caffeine while listening to Neutral Milk Hotel's "In the Aeroplane over the Sea".
2. Richard MacLehose's "Introduction to Bayesian Methods". The first three readings give a general introduction to Bayesian inference. The last three are some (of many) examples of where Bayesian inference can be particularly useful.
3. Ichiro Kawachi's "Income Inequality & Health - Parts I and II". Is growing income inequality a threat to population health? Richard Wilkinson posed that question in 1992, spawning a debate that has continued to this day.

Find SERplaylists at <http://www.epiresearch.org/playlists/>

Do you have a playlist you would like to share? Contact membership@epiresearch.org for more details.

Join our social network!

<https://twitter.com/societyforepi>

www.facebook.com/epiresearch

www.linkedin.com/groups/Society-Epidemiologic-Research-SER-4435205





The SER Student and Post-Doc committee invites you to attend a number of events specially designed with the trainee in mind. These include breakfast panels with methodological experts in the field, guided poster tours to sharpen your own post presentations, round tables about hot topics in the field, and a panel discussion about life as a Post-Doc or Junior faculty. All events are free, but some require tickets—so don't forget to ask at the registration desk. See you there!

Breakfast with the Experts

Free with tickets, available first come/first served at the registration desk from 5:00 PM, June 18th.

Join us for informal round-table discussions with the top methodology experts.

Wednesday, June 19, 7:00 – 7:50 am:



Tyler VanderWeele
Harvard University



David Savitz
Brown University



Yvette Cozier
Boston University



Lisa Signorello
Harvard University

Thursday, June 20, 7:00 - 7:50 am



Murray Mittleman
Harvard University



Kenneth Rothman
Boston University



Maria Glymour
Harvard/UCSF



Lauren Wise
Boston University

Guided Poster Tours—Wednesday, June 19, 5:30pm- 6:30 PM

Free with tickets, available first come/first served at the registration desk from 5:00 PM, June 18th. What makes a poster effective? Is the classic blue background/ yellow font combination the way to go? Should a poster have a reference section? Using actual SER posters as examples, our guides will lead discussions on what makes poster presentations persuasive, eye-catching, and enjoyable.



Whitney Robinson
University of North Carolina



Tim Lash
Emory University



Greg Wellenius
Brown University



Stephen Alder
University of Utah

Roundtables

Free with tickets, available first come/first served at the registration desk from 5:00 PM, June 18th. These sessions include a discussion leader, ten lucky ticket holders, and a topic of mutual interest. Participants spend one hour in conversation with an expert getting to know colleagues' views of timely, scientific, ethical, professional, and (especially) controversial topics. These sessions are limited to ten (10) participants plus one discussion leader per table. Tickets will be available starting Tuesday, June 18th at 5:00 pm at the Conference Registration desk.

Wednesday, June 19, 12:00 - 1:00 pm:



Ann Aschengrau
Boston University

"Strengths and Weaknesses of GIS Exposure Assessment in Environmental Epidemiology"



Julie Palmer
Boston University

"Understanding Obesity: The Contribution of Psychosocial Stress"



Chanelle Howe
Brown University

"Methodological Challenges in Racial / Ethnic Disparities Research"



Nancy Krieger
Harvard University

"Epidemiologic Theories of Disease Distribution, Social Justice, Rigorous Science, and the People's Health"

Thursday, June 20, 12:00 - 1:00 pm



Louise Brinton
National Cancer Institute

"Opportunities and Challenges for Researching Non-communicable Diseases in Low-resource Countries"



Ichiro Kawachi
Harvard University

"Publishing from an Editor's Perspective"



Miguel Hernán
Harvard University

"Instrumental Variables and Other Dangerous Things"



Daniel Westreich
UNC Chapel Hill

"Exposures, Interventions, and Causal Inference"

Lives of Postdocs and Junior Faculty—Thursday, June 20, 12:00 - 1:00 PM

Join our panel of postdocs and early-career investigators for a candid question-and-answer session on how to land your dream fellowship and then a faculty position, balance work and life, work in industry, and many other aspects of life on the "other side" of the PhD degree. Grab your lunch and come join us for what's sure to be another informative (and entertaining) session.



Rohit Ojha
Assistant Faculty
St. Jude's Children's Research Hospital



Jessica Jones-Smith
Assistant Professor
Johns Hopkins University



Beth Widen
Postdoctoral Fellow
Columbia University



Rena Jones
Postdoctoral Fellow
National Cancer Institute



Wednesday, June 19, 12:00-1:00 pm

—ESI (Early Stage Investigators) —

Building a National Reputation

During the first half of the session each panel members will briefly address the group. The latter half of the session will be open forum for discussion with SER attendees and panel members. The session will close with an opportunity for participants to react to future ESI topics.

ESI Panelists:

Bernard Harlow, University of Minnesota
Marlene Goldman, Dartmouth Medical School
Trisha Hartge, NIH
Andrew Olshan, UNC Chapel Hill

—Roundtables—

Ann Aschengrau, Boston University
"Strengths and Weaknesses of GIS Exposure Assessment in Environmental Epidemiology"
Chanelle Howe, Brown
"Methodological Challenges in Racial/Ethnic Disparities Research"
Nancy Krieger, Harvard University
"Epidemiologic Theories of Disease Distribution, Social Justice, Rigorous Science, and the People's Health"
Julie Palmer, Boston University
"Understanding Obesity: The Contribution of Psychosocial Stress"

Thursday, June 20, 12:00-1:00 pm

—MEET-THE-EDITORS—Sponsored by the American Journal of Epidemiology (AJE)—

This will be an informal discussion between a variety of journal editors and SER attendees. Have you ever had questions for journal editors but never had the opportunity to ask? This is your chance! Many avenues of conversation are possible, so come with your questions; and we will see where the discussion takes us.

—Lives of Postdocs and Junior Faculty—

Chair: Abdul El-Sayed, Columbia University

Panelists:

Jessica Jones-Smith, Johns Hopkins University
Rena Jones, National Cancer Institute
Rohit Ojha, St. Jude's Children's Research Hospital
Beth Widen, Columbia University

—Roundtables—

Louise Brinton, National Cancer Institute
"Opportunities and Challenges for Researching Non-communicable Diseases in Low-resource Countries"
Miguel Hernán, Harvard
"Instrumental Variables and Other Dangerous Things"
Ichiro Kawachi, Harvard
"Publishing from an Editor's Perspective"
Daniel Westreich, UNC Chapel Hill
"Exposures, Interventions, and Causal Inference"

Assistance for Participants

The staff of the Society for Epidemiologic Research is available to provide assistance or information at any time during the meeting. Questions should be directed to staff members who can be found at the registration desk located on the Mezzanine Level.

Registration

The registration desk is located on the Mezzanine Level and will be open the following times:

Tuesday, June 18	4:00 pm—8:00 pm
Wednesday, June 19	7:00 am—5:30 pm
Thursday, June 20	7:00 am—5:30 pm
Friday, June 21	7:30 am—1:00 pm

Identification Badges

Please wear your SER identification badge to all meetings and functions. This is the most convenient way to identify one another and aids in the ease for conference organizers to assist you.

Message Board

A message board is located in the Mezzanine Level Foyer. You may use the message board to communicate with other meeting attendees.

Job Market

SER members are encouraged to use the Online Job Board at the SER website under Related Links.

Employers may post job openings on the bulletin board located near the registration desk. Be sure to include your email address or local contact information if you want to set up meetings with job seekers during the conference.

Employers may also post openings on the SER website in Related Links.

Information for Oral Presenters

Please plan on being in the meeting room 15-20 minutes before the start of your session. Each meeting room will be equipped with a screen, an LCD projector and a microphone. A room monitor will be available in the meeting room if you require assistance. A laptop computer is available if presenters need to check their presentations. You may ask at the registration desk.

Assistance for Hotel Guests with Special Needs/ADA

The Boston Park Plaza Hotel and Towers meets or exceeds all requirements for the Americans with Disabilities Act.

Hotel facilities including, but not limited to, meeting space, restrooms, dining areas, common areas and sufficient guest rooms are reasonably accessible and usable by persons with special needs.

SER Membership Information

Please see SER's exhibit table on the Mezzanine Level to learn more about becoming a member.

Alumni Receptions

Wednesday evening, June 19, has been set aside for receptions for faculty, alumni, and students from various universities. Check the message board for announcements from your university. A partial list of receptions is on page 36.



Posters will be the primary venue for presentations of the annual meeting's highest quality research findings and methods.

Posters will be hung the night before each session and will be on display for approximately 24 hours. A panel of judges will select the three best posters from each session. Plus, each poster session will have one outstanding student prize. All poster winners will be acknowledge at the Friday plenary session (8:00-9:30 am).

Poster Session 1 (Section A - Georgian Room; Section B - Statler Room)

Tuesday, June 18- 7:00 - 8:30 pm (posters must be displayed from 6:30 - 9:00 pm in order to qualify for the poster judging)

Set up: after 5 pm on Tuesday

Takedown: by 11 am on Wednesday

Wednesday, June 19, 10:00 - 10:30 am (morning break)

Poster Session 2 (Section A - Georgian Room; Section B - Statler Room)

Wednesday, June 19 - 5:00 - 6:30 pm (posters must be displayed from 6:30 - 9:00 pm in order to qualify for the poster judging)

Set up: after 3:00 pm on Wednesday

Takedown: by 11 am on Thursday

Thursday, June 20, 10:00 - 10:30 am (morning break)

Poster Session 3 (Section A - Georgian Room; Section B - Statler Room)

Thursday, June 20 - 5:00 - 6:30 pm (posters must be displayed from 6:30 - 9:00 pm in order to qualify for the poster judging)

Set up: after 3:00 pm on Thursday

Take down: by noon, Friday

Friday, June 21, 10:00 - 10:30 am (morning break)

Future Meeting Dates and Locations

June 24 - 27, 2014—Seattle, Washington

June 16 - 19, 2015—Denver, Colorado

June 21 - 24, 2016—Miami, Florida (Congress of Epidemiology)

June 20 - 23, 2017—Seattle, Washington

Poster Categories and Locations



*Society for
Epidemiologic
Research*

Tuesday, June 18, 2013, 7:00 - 8:30 pm

Poster Session 1A	Georgian Room	Poster Session 1B	Statler Room
001-S - 014-S	Aging	131-S - 147	Behavioral
015 - 029-S	Cancer	148-S - 161-S	Cardiovascular
030-S - 050-S	Obesity	162 - 175-S	Environmental
051-S - 059-S	Injury	176 - 188	HIV
060 - 075-S	Methods	189-S - 196-S	Pediatrics
077-S - 096-S	Perinatal/Reproductive		
097 - 117 - S	Psychiatric		
118 - 130-S	Social		

Wednesday, June 19, 2013, 5:00 - 6:30 pm

Poster Session 2A	Georgian Room	Poster Session 2B	Statler Room
227-S - 243	Cancer	356-S - 369-S	Aging
244-S - 258-S	Environmental	370-S - 387-S	Diabetes
259 - 271-S	HIV	388-S - 395-S	Genetics
272-S - 277	NeuroEpidemiology	396-S - 412-S	Methods
278-S - 285	Nutrition	413 - 424-S	Pediatrics
286-S - 297	Obesity		
298-S - 304	Occupational		
305-S - 320-S	Perinatal/Reproductive		
321 - 327-S	Screening		
328 - 338	Social		
339-S - 355-S	Women's Health		

Thursday, June 20, 2013, 5:00 - 6:30 pm

Poster Session 3A	Georgian Room	Poster Session 3B	Statler Room
486 - 502	Cancer	619 - 635	Environmental
503-S - 518-S	Cardiovascular	636 - 637	History
519 - 533	Infection	638-S - 653	Health Services
534 - 550-S	Methods	654 - 661	Global Health
551 - 570-S	Nutrition	662 - 671-S	Men's Health
571-S - 596-S	Perinatal/Reproductive	672 - 676	Renal
597 - 603	Respiratory	677-S - 688	Substance Use
604 - 618	Social		



Please visit the exhibits located in the foyer on the Mezzanine Level.

**University of Alaska Anchorage-
IEA World Congress of Epi 2014**

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Representative Name: Alex Binder

JOIN US!

SER Member Annual Business Meeting

Thursday, 6:00—7:00 pm — Arlington Room

ALL MEMBERS WELCOME!



Congratulations to our 2013 graduates!

The faculty and staff of the Department of Epidemiology, Gillings School of Global Public Health, University of North Carolina, Chapel Hill, would like to extend hearty congratulations and best wishes for the future to our 2013 graduating masters and doctoral students.



Our students have the opportunity to obtain exceptional training in epidemiologic methods and practice across a range of topic areas in domestic and global settings. Students enjoy the collaborative and supportive departmental environment in a top-ranked school of public health (Our School was ranked **top public school of public health** by *U.S. News & World Report* in 2011 (2012 edition) and placed second overall).

Chat with us here at SER and visit our homepage (<http://www.sph.unc.edu/epid/>)

CUNY SCHOOL OF PUBLIC HEALTH

Earn a Doctor of Public Health Degree in Epidemiology at the Nation's Largest Urban Public University

The CUNY School of Public Health (CUNY SPH) invites applicants interested in earning a Doctor of Public Health (DPH) degree specializing in Epidemiology. This track trains students to work as senior epidemiologists in research, teaching and public health leadership positions. Graduates of the EPI track will serve as epidemiologists in academia, industry, research institutes, and domestic and international government agencies. In addition to the EPI Track, the CUNY DPH program offers the following specializations: Community, Society and Health; Environmental and Occupational Health; and Health Policy and Management. Qualified applicants in any track may also apply to an optional concentration in Public Health Nutrition.

The City University of New York (CUNY) is the nation's largest urban public university. The CUNY SPH is accredited by the Council on Education for Public Health and integrates DPH, MPH, MS, and BS programs at four consortium schools. The school seeks new ways to prevent and control health problems in urban populations while training practitioners to implement these solutions in New York City and other urban centers.

212-817-7986 publichealth@gc.cuny.edu
www.cuny.edu/sph



Advancing health equity | Creating healthier cities | Preventing chronic disease | Promoting healthy aging

Perinatal Epidemiology Fellowship

NICHD SUPPORTED T-32 TRAINING PROGRAM

Program Director:

Nigel Paneth, MD, MPH

University Distinguished Professor
Epidemiology & Biostatistics
Pediatrics & Human Development
218 West Fee Hall
East Lansing, MI 48824
paneth@msu.edu

Associate Director:

James Pivarnik, PhD

Professor
Physiology & Kinesiology
Epidemiology & Biostatistics
27 Intramural Sports Circle
East Lansing, MI 48824
jimpiv@msu.edu

ACTIVE RECRUITMENT FOR 2014-2015

Join our two- to three-year training program in epidemiological approaches to conducting and leading research in human health phenomena occurring in the perinatal period—from mid-pregnancy until infancy. Build your research career with the expert guidance of our training faculty who have a history of NIH-funded research in obstetric, perinatal and child health.

Post-doc & Pre-doc Funding: Support includes health, tuition, supplies, travel and annual stipend depending on status. (Pre-doc: \$22,032; Post-doc: \$39,264 - \$54,180 depending on years post terminal degree.)

Application: Open to U.S. citizens / permanent residents. Applications from clinicians in obstetrics and pediatrics are encouraged. Send letter of interest and CV to Dr. Paneth (paneth@msu.edu) before September 1, 2013.

Pre-doctoral students must be enrolled in the doctoral program in the Department of Epidemiology & Biostatistics at MSU.

<http://www.epi.msu.edu/perinatal/>

MICHIGAN STATE
UNIVERSITY



ANNOUNCING

3rd ANNUAL SERdigital (formerly eMAC)
Student Novel Methods Web Conference
Wednesday, November 6, 2013
12:00–2:30 pm EST

The theme for this online meeting is **Application of Novel Epidemiologic Methods in Student Research.**

The web conference will begin with a plenary session feature two notable epidemiologists in a live debate. The plenary session will be followed by live presentations by the 3 top ranked abstracts from those that are submitted.

KEY DATES:

- ⇒ Online abstract submission goes live—August 1, 2013
- ⇒ Abstract submission deadline—September 4, 2013
- ⇒ Notification of acceptance/rejection—October 1, 2013

Abstracts can be submitted under one of the following themes:

Study Design	Measurement
Communication of Results	Statistical Methods

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**Society for
Epidemiologic
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As part of the **SER50** Project, please take a few minutes to evaluate the meeting sessions you have attended.

Go to: <https://www.surveymonkey.com/s/MWTSR8J>

The survey can be completed at the same time, or, using the same browser, you can complete the survey over multiple visits. We would recommend you complete during the meeting, while each session is fresh in your mind.

SER will randomly choose three individuals who submit this survey to receive \$100 off attendance at the 2014 SER meeting in Seattle.

Please help us shape the future of SER meetings by completing this survey. It should take around 5 minutes to complete.

Questions? See the registration desk on the Mezzanine Level of the hotel.

SER would like to thank Boston University School of Public Health and Harvard School of Public Health for their generous support by sponsoring the Welcome Reception on Tuesday night.



Boston University School of Public Health



HARVARD
SCHOOL OF PUBLIC HEALTH

Department of Epidemiology

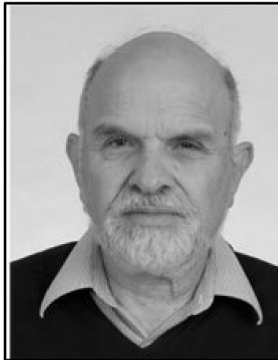
2013



*Society for
Epidemiologic
Research*

Detailed Conference Program

Quarterly workshops held across the United States featuring an expert on topics of interest. SERTalks will be held in January, April, September and November of each year.



Dr. Noel Weiss

University of Washington
School of Public Health

Dr. Weiss' research is primarily in the area of cancer epidemiology. Part of his time is devoted to the study of epidemiologic methods and of the application of these methods to the understanding of the determinants of the outcome of illness.

September 18, 2013

**“Enhancing our ability to measure the impact of
health-related interventions”**

Co-hosted by:

University of California, San Francisco

University of California, Berkeley



<http://www.epiresearch.org/talks>

8:30am – 12:30pm

Pre-Conference Workshops (registration required)

- Analyzing social contact networks for modeling infectious disease transmission
- Introduction to Directed Acyclic Graphs
- An Introduction to R for Epidemiologists using RStudio

1:00 – 5:00 pm

Pre-Conference Workshops (registration required)

- Interaction Analysis
- Introduction to Systematic Review and Meta-Analysis
- SAS® Macros to Streamline your Analysis
- Scientific Manuscript Writing for Peer Review Journals: Communicating Results of Studies

4:00 – 8:00 pm

Registration

Mezzanine

7:00 – 9:00 pm

Welcome Reception

Mezzanine

7:00 – 8:30 pm

Poster Session 1 and Reception

Poster Session 1A

Georgian

AGING

- 001-S *Self-Reported Diabetes and Mortality in a Prospective Chinese Elderly Cohort Study in Hong Kong*
Chen Shen
- 002-S *Alcohol Use and Death from Respiratory Diseases: A Prospective Chinese Elderly Cohort Study*
Chen Shen
- 003-S *The Trajectory of Cognitive Function and the Associated Social and Physical Determinants in the Elderly of Taiwan*
Ting-Yu Chen
- 004-S *Impact of Caregiving Transitions on Perceived Stress in 990 Older Women in the Caregiver Study of Osteoporotic Fractures (CG-SOF)*
Jennifer Lyons
- 005-S *Inflammatory Biomarkers and Global Cognition: The Ginkgo Evaluation of Memory (GEM) Study*
Monisha Sharma
- 006 *Progression of Mobility Limitations in Old Age: The Combined Effect of Mobility-Related Fatigue and Socio-Economic Position*
Charlotte Nilsson
- 007 *Life Space and Cognitive Decline: Independent of Mobility and Physical, Social, and Cognitive Activity?*
Bryan James
- 008-S *Reduced Heart Rate Variability Is Associated with Worse Cognitive Function in Elderly Mexican Americans*
Adina Zeki Al Hazzouri
- 009-S *Cardiovascular Risk Score, Cognitive Decline and Dementia in Older Mexican Americans: The Role of Gender and Education*
Adina Zeki Al Hazzouri
- 010-S *Longitudinal and Reciprocal Relationships between Depression and Disability in Older Women Caregivers and Non-Caregivers: Results from Caregiver-SOF*
Kathy Bacon
- 011 *Haloperidol in Elderly Users: Not a Cause of Death, but Caused by Impending Death?*
Hendrika Luijendijk
- 012-S *Association of Alzheimer Related Genotypes with Cognitive Decline in Three City-Dijon Study*
Alexandre Vivot
- 013-S *Do Behavioral Factors Prevent Functional Disability among Cognitively Impaired Adults? An Inverse Probability Weighted Analysis*
Pamela Rist
- 014-S *Stressful Experiences, Social Support, and Gene-Social Environment Interaction in Cognitive Function: Findings from the Wisconsin Registry for Alzheimer's Prevention (WRAP)*
Megan Zuelsdorff



CANCER

- 015 *Factors Associated with Parental Acceptability of Human Papilloma Virus Vaccination in Southern India*
Purnima Madhivanan
- 016 *Adult Stature and Risk of Cancer at Different Anatomic Sites in a Cohort of Postmenopausal Women*
Geoffrey Kabat
- 017-S *Incidence Patterns and Trends of Gonadal and Extragonadal Germ Cell Tumors in Germany, 1998-2008*
Carsten Rusner
- 018-S *Lifetime Body Size and Prostate Cancer Risk in a Population-Based Case-Control Study in Sweden*
Elisabeth Moller
- 019-S *Acrylamide Hemoglobin Adducts Levels and Ovarian Cancer Risk in the Nurses' Health Study*
Jing Xie
- 020-S *Gastrointestinal Stromal Tumors: Linking Single Nucleotide Polymorphisms and Somatic Mutations*
Katie O'Brien
- 021 *Anatomic Subsite of Primary Colorectal Cancer and Subsequent Risk and Distribution of Second Cancers*
Amanda Phipps
- 022 *Increasing Incidence of Thyroid Cancer in Minhang District, Shanghai, in 2002-2010*
Hong Fang
- 023-S *Incidence of Primary Central Nervous System Lymphoma from 1992 through 2007: A Surveillance, Epidemiology, and End Results Analysis*
Caroline Park
- 024-S *The Healthy Eating Index-2005 and Risk of Pancreatic Cancer in the NIH-AARP Diet and Health Study*
Hannah Arem
- 025 *Trends in the Occurrence of High-Grade Anal Intraepithelial Neoplasia in San Francisco: 2000-2009*
Edgar P. Simard
- 026 *A Study of Thyroid Cancer Incidence in Close Proximity to Six Nuclear Power Facilities in the State of New York: A Descriptive Analysis*
Thomas O'Grady
- 027 *Cancer Risks in Children with Congenital Malformations in the Nervous System*
Yuelian Sun
- 028-S *Adolescent Carotenoid Intake in Relation to Benign Breast Disease*
Caroline E. Boeke
- 029-S *Plasma Adiponectin and Soluble Leptin Receptor and Risk of Colorectal Cancer: A Prospective Study*
Mingyang Song

OBESITY

- 030-S *Mode of Delivery and Adiposity: Hong Kong's "Children of 1997" Birth Cohort*
Shi Lin Lin
- 031-S *Pharmacologic Sex Hormones in Early Pregnancy and Offspring Obesity*
Elizabeth Jensen
- 032-S *Relationship between Breastfeeding Duration and Waist-height Ratio in Adulthood*
Adam Bohr
- 033-S *Meta-Analysis of the Association between Body Mass Index and Health-Related Quality of Life among Adults, Assessed by the SF-36*
Zia Ul Haq
- 034-S *Association between Body Mass Index and Mental Health among Scottish Adult Population: A Cross-sectional Study of 37,272 Participants*
Zia Ul Haq
- 035 *High Risk of Hyperlipidemia and Obesity as a Predictor in Rural Chinese Adults: Baseline Data from the Yuhuan Rural Health Cohort Study*
Chaowei Fu
- 036 *Fatty Liver's Association with Adiposity Indicators among US Adults*
Henry Kahn
- 037-S *Prenatal Socioeconomic Index in Relation to Adulthood Fat Mass and Fat Distribution*
Golareh Agha
- 038-S *The Impact of Body Size and Physical Activity during Adolescence and Adult Life on Overall and Cause-Specific Mortality in a Large Cohort from a Middle-Income Country*
Arash Etemadi



- 039-S *Gender Differences in Association between Skin-Fold Thickness and C-Reactive Protein*
Abhishek Vishnu
- 040 *The Relationship between Sleep Apnea and General and Central Obesity: Findings from a Sample of Chilean College Students Aged 18 to 35 Years Old*
Adaeze Wosu
- 041-S *Convenience Stores as a Risk Factor for Obesity among Smokers*
Masayoshi Oka
- 042 *Perceived Racism and Obesity Incidence in African American Women*
Yvette Cozier
- 043-S *Residential Neighborhood, Geographic Work Environment, and Work Economic Sector: Associations with Body Fat Measured by Bio-Electrical Impedance in the RECORD Study*
Antoine Lewin
- 44 *The Effect of Unemployment on BMI and Waist to Hip Circumference: Evidence from the Survey of the Health of Wisconsin*
Lynne Morgan
- 045-S *Diet Quality and Risk of Obesity among Young African American Women*
Deborah Boggs
- 046 *Can Birth Weight Explain Differences in the Association of Infant Growth with Subsequent Fat Free Mass between Populations?*
L.L. Hui
- 047 *Infant Growth and Adolescent Adiposity – Evidence from the Hong Kong “Children of 1997” Birth Cohort*
L.L. Hui
- 048-S *A Genetic IV Analysis to Assess the Effect of Body Mass Index on Depression in the Health and Retirement Study*
Stefan Walter
- 049 *Relation of Endogenous Testosterone Levels with Cardiometabolic Risk Factors in the Registry of Hypogonadism in Men (RHYME)*
Julia Martha
- 050-S *The Causal Effect of Obesity on Anxiety: Genetic IV Analyses in the HRS Study*
Iván Mejía-Guevara
- INJURY**
- 051-S *Association between Psychological Distress and Unintentional Non-Occupational Injuries among U.S. Adults*
Christina Greene
- 052 *Effects of Minimum Legal Drinking Age on Alcohol and Marijuana Use: Evidence from Toxicological Testing Data for Fatally Injured Drivers Aged 16 to 25 Years*
Guohua Li
- 053-S *Time Trends in the Prevalence of Alcohol and Drugs in Fatally Injured Drivers, 1999-2010*
Joanne Brady
- 054-S *Prevention of Scuba Diving Mishaps by using a Pre-Dive Checklist: A Grouped Randomized Trial*
Shabbar Ranapurwala
- 055 *Potential Bias in Assigning Crash Responsibility Using Moving Violations*
Allison Curry
- 056-S *Risk Factors of Fall-Related Injuries and the Interaction of Bone Mineral Density (BMD) and Health Behaviors*
Dohee Lim
- 057 *Physical Health Consequences of Being Injured during the World Trade Center Terrorist Attacks on September 11, 2001*
Robert Brackbill
- 058-S *The Role of Sex and Symptom Severity in Sports-Related Concussion: A Survival Analysis*
Jennifer Reneker
- 059-S *Home Environment-Related Factors Associated with the Family-Dog Biting a Child Living in the Same Home*
Locksley L. McV. Messam
- METHODS**
- 060 *Conditional and Unconditional Infectiousness Effects in Vaccine Trials: The Relation and Estimation*
Yasutaka Chiba
- 061 *Applying System Dynamics Modeling to Epidemiological Research: An Example of PSA Screening*
Anton Palma



- 062 *Causal Inference in Epidemiology using Bayesian Methods: The Example of Meta-analysis of Statins and Fracture Risk*
Lawrence McCandless
- 063 *Neighborhood Contributions to Racial/Ethnic Obesity Disparities among New York City Adults*
Sungwoo Lim
- 064 *Multiple Imputation Analysis of Nested Case-Control and Case-Cohort Studies*
Hisashi Noma
- 065 *Improvement of 1:M Matching Using an Adaptive Algorithm: Proof of Concept*
Til Sturmer
- 066 *A New Indicator of Influenza Incidence Based on Viral and Influenza-Like Illness Surveillance Data*
Ivo Foppa
- 067 *Using Restriction to Control Unmeasured Confounding in Pharmacoepidemiology*
Mike Jackson
- 068-S *Identifying Implausible Trajectories in Longitudinal Data*
Melinda C. Power
- 069-S *Using Bootstrap Methods for Confidence Interval Estimation in Epidemiologic Research*
Ashley Naimi
- 070 *Proportional and Non-Proportional Subdistribution Hazards Regression using SAS*
Georg Heinze
- 071-S *Mendelian Randomization in Health Research: Using Appropriate Genetic Variants and Avoiding Biased Estimates*
Amy Taylor
- 072 *Formalizing the Role of Complex Systems Approaches in Causal Inference and Epidemiology*
Brandon Marshall
- 073-S *Reporting of Instrumental Variable Analyses in Comparative Effectiveness Research*
Sonja Swanson
- 074 *Do You Believe in Ghost Populations? Presentation and Illustration of a Simple Adjustment Factor for Inverse-Probability Weighting*
Michelle Odden
- 075-S *Choosing between Instrumental Variable Analyses and Conventional Analyses: The Role of Sample Size*
Anna G.C. Boef
- PERINATAL - REPRODUCTIVE**
- 076 *Withdrawn*
- 077-S *Recurrence of Gestational Hypertensive Disorders and Impact on Newborn Outcomes*
Nansi Boghossian
- 078 *Folic Acid Fortification of Corn Masa Flour and Neural Tube Defect Prevention*
Sarah Tinker
- 079 *Age at Menarche and its Relationship to Body Mass Index among Adolescent Girls in Kuwait*
Abdullah Al-Ta'iar
- 080 *Comparison of Prospective and Retrospective Measurements of Frequency of Sexual Intercourse*
Larissa Brunner Huber
- 081-S *Maternal Obese, Vitamin D Status and Risk of Preeclampsia*
Shu Qin Wei
- 082-S *Maternal Vitamin D Receptor Gene Polymorphisms, Vitamin D Status in Pregnancy and Preterm Birth Risk*
Shu Qin Wei
- 083-S *Seasonal Variation of Total 25-Hydroxyvitamin-D in a Pooled Sample of Black and White Pregnant Women from Three US Pregnancy Cohorts*
Miguel-Angel Luque-Fernandez
- 084 *Sleep Disorders and Diabetes in Pregnant and Non-Pregnant Women of Childbearing Age*
Xu Xiong
- 085 *Sleep Disorders and Hypertension in Pregnant and Non-Pregnant Women of Childbearing Age*
Xu Xiong
- 086-S *Pre-pregnancy Body Mass Index, Gestational Weight Gain and Depression among Pregnant Hispanic Women*
Marushka L. Silveira
- 087 *Cold Temperature during Pregnancy and Birth Outcomes in Uppsala, Sweden, 1915 to 1929*
Tim Bruckner
- 088 *Neonatal Health of Infants Born to Mothers with Asthma*
Pauline Mendola



- 089 *Associations of Diet and Physical Activity with the 3 Components of Gestational Weight Gain*
Xiaozhong Wen
- 090-S *Fathers Matter: The Role of Paternal Age in Infant Mortality*
Lauren Doamekpor
- 091 *Pregnancy Complications among Women OIF/OEF Veterans*
Jodie Katon
- 092-S *Body Mass Index and Physical Activity Are Not Associated with Sperm Morphology, Motility and Concentration in Adult Son's in the Child Health and Development Studies*
Elizabeth Widen
- 093 *BORN Information System Reporting for Ontario Healthcare Organizations*
Sherrie Kelly
- 094 *Exposure to Environmental Chemicals during Pregnancy and Fetal Markers of Metabolic Dysfunction*
Linda Dodds
- 095-S *Comparability of Maternal Risk Factors between Mothers with Geocoded and Ungeocoded Addresses*
M. Shinde
- 096-S *The Association between Parity and Birthweight in a Longitudinal Consecutive Pregnancy Cohort*
Stefanie Hinkle
- PSYCHIATRIC**
- 097 *Maternal Exposure to Childhood Abuse is Associated with Elevated Risk of Autism*
Andrea Roberts
- 098 *Psychological Distress in the National Health Interview Survey (NHIS) and Medicare Hospitalizations*
Hannah R. Day
- 099-S *Exposure to Traumatic Events and Changes in Depression Severity in an Urban Area*
Melissa Tracy
- 100-S *Do Traumatic Events Mediate or Modify the Relation between Neighborhood Conditions and Depression Severity?*
Melissa Tracy
- 101 *Childhood Adversity, Adult Stressful Life Events and Depression: Guangzhou Biobank Cohort Study*
Michael Y Ni
- 102-S *Temporal Associations between Rheumatoid Arthritis Disease Activity and the Onset of Patient-Reported Depression*
Alan Rathbun
- 103 *Mood Disorders, Anxiety and Migraine Headaches: Results from the Brazilian Longitudinal Study of Adult Health (ELSA-Brasil)*
Alessandra Goulart
- 104 *Psychosocial Outcomes in OEF/OIF Veterans with PTSD: Initial Findings from the VALOR Registry*
Shona C. Fang
- 105-S *The Association between Lifetime Potentially Traumatic Events and Formal and Informal Care in a Population Based Sample of Adults from Liberia*
Magdalena M Paczkowski
- 106-S *Chronic Medical Conditions and Serious Psychological Distress during Pregnancy in the United States*
Ahmed M. Kassem
- 107-S *Improving Quality of Life among HIV-infected Adults: The Importance of Addressing Depression.*
Angela Bengtson
- 108 *Association between Developmental Timing of Exposure to Child Maltreatment and Symptoms of Depression and Suicidality: Evidence of a Sensitive Period?*
Erin Dunn
- 109 *PTSD, Depression, and Suicidality in a Sample of US Soldiers*
Richard Herrell
- 110-S *Total Blood Mercury Levels and Depression in the United States: National Health and Nutrition Examination Survey 2005-2008*
Tsz Hin Ng
- 111-S *Racial/Ethnic Differences in the Relation between Severe Childhood Adverse Events and Adolescent Mental Health Disorders*
Deborah Karasek
- 112-S *Posttraumatic Stress Disorder Symptoms and Food Addiction in Women, by Timing and Type of Trauma Exposure*
Susan Mason



- 113 *Childhood Adversity is Associated with Psychiatric Disorders, Anxiety Symptoms and Substance Use*
Nancy C.P. Low
- 114 *Reciprocal Associations between Conduct Problems and Depression in a Community Sample of Adolescent Youth*
Isaac Rhew
- 115-S *Coping Style as a Modifier of the Relationship between Severe Life Stressors and Suicidal Ideation among HIV-positive Individuals with Depression*
Julie O'Donnell
- 116-S *Polymorbidity: Looking beyond PTSD and TBI in Returning Service Members and Veterans*
Jennifer Fonda
- 117-S *Marijuana Abuse and Dependence and Cognitive Decline from Childhood to Midlife*
Jessica Agnew-Blais

SOCIAL

- 118 *Decomposing Social Capital Inequalities in Health*
Spencer Moore
- 119 *Social and Geographical Inequalities in Suicide in Japan from 1975 through 2005: A Census-Based Longitudinal Analysis*
Etsuji Suzuki
- 120 *Stressful Social Relations and Mortality. Is the Effect Modified by Socio-Economic Status and Gender?*
Rikke Lund
- 121-S *Composition and Context in the Association between Area-Level Socioeconomic Status and Cancer Incidence and Mortality*
Theresa Hastert
- 122 *Work Conditions and Oral Health: J-SHINE (Japanese Study of Stratification, Health, Income, and Neighborhood) Study*
Toru Tsuboya
- 123 *Work Conditions and Health Behaviors: J-SHINE (Japanese study of Stratification, Health, Income, and Neighborhood) Study*
Toru Tsuboya
- 124-S *Perceived Neighborhood Cohesion (NC) and Education: Individual and Combined Effects on Daily Smoking and Heavier Drinking in Hong Kong Chinese*
Brandford HY Chan
- 125-S *The Association between Cortisol Characteristics and Neighborhood Disadvantage in a U.S. Population-Based Sample of Adolescents*
Kara Rudolph
- 126-S *The Possible Effect of Increasing Neighborhood Education and Income on Overweight/Obesity, Type 2 Diabetes, and Smoking in San Francisco Adults*
Kelsey McDonald
- 127-S *Neighborhood Self-Selection: The Role of Pre-Move Health Status on the Post-Move Socioeconomic Environment*
Peter James
- 128 *Racial Discrimination and Prescription Drug Problems: Examining Associations among Urban Aboriginal Adults*
Cheryl Currie
- 129-S *Literacy as Mediator of the Relationship between Education and Mortality*
Thu Nguyen
- 130-S *The Relationship between Social Fragmentation and Sleep among Adolescents Living in Boston, Massachusetts*
Roman Pabayo
- 681 *Recovery Research on the Drug Use Disorders: Who Starts and Then Quits Early?*
Silvia Martins

LATEBREAKERS

- L01 *Using Asymmetry in Family History to Probe Genetic Mechanisms: Application to the Genetics of Breast Cancer*
Clarice Weinberg
- L02 *Dietary Flavonoid Intake and Risk of Barrett's Esophagus*
Jessica Petrick
- L03 *Migraine as a Risk Factor for Breast Cancer: Is there Etiologic Heterogeneity?*
Min Shi
- L07 *Risk of Cardiac Events in Older Men Receiving Testosterone Replacement Therapy*
Jacques Baillargeon

Poster Session 1B



Society for
Epidemiologic
Research

7:00 – 8:30 pm

Poster Session 1B

Statler

BEHAVIORAL

- 131-S *Oral Health Disparities of Children among Southeast Asian Immigrant Women in Arranged Transnational Marriages in Taiwan*
Ying Chun Lin
- 132-S *Evaluation of a Lay Health Advisor Training for a Community-Based Oral Health Program in Immigrant Mothers*
Yuan Jung Hsu
- 133 *Area Disparity in Children's Perceptions of Access to Tobacco and Cigarette-Purchasing Experiences in Taiwan*
Heng Lee
- 134 *Withdrawn*
- 135 *Effectiveness of Smoking Cessation Methods among Chinese Smokers: A Systematic Review and Meta-Analysis of Randomized Controlled Trials*
Hongying Shi
- 136-S *Snus use and Smoking Behaviors among Adolescents: Is Snus Associated with Smoking Initiation or Cessation?*
Jim Jansen
- 137-S *Associations of Allostatic Load with Sleep Apnea, Short Sleep Duration and other Sleep Problems: Findings from the National Health and Nutrition Examination Survey 2005-2008*
Xiaoli Chen
- 138-S *Self-Reported Sleep Duration and Kidney Function: National Health and Nutrition Examination Survey 2005-2010*
Wenyuan Li
- 139-S *Evaluation of a Short-Term Intervention on Changing University Student's Oral Self-Care Behavior: A Quasi-Experimental Design*
H.L. Lee
- 140-S *Associations between the Environment and Recreational and Transportation Physical Activity in the Paris Region*
Noëlla Karusisi
- 141 *Behavioral Predictors of Screen Time among High School Students in Malden, MA*
Blessing Dube
- 142 *Early Life and Social Factors Associated with Gang Involvement among Street-Involved Youth: A Gender-Based Analysis*
Brandon Marshall
- 143-S *Is Smoking Transmittable? Modeling the Evolution of Smoking Prevalence in Oklahoma using a Deterministic Transmission Dynamics Approach*
Sydney Martinez
- 144 *Soft Drinks and Behavior Problems among Five-Year Olds in the Fragile Families and Child Wellbeing Study*
Shakira Suglia
- 145 *Dynamics of Sexual Debut and Substance Use among University Youth from Lebanon*
Lilian Ghandour
- 146-S *Redefining Light and Intermittent Smokers Using U.S. National Health Survey Data*
Carolyn Reyes-Guzman
- 147 *Dental Caries and Oral Health Behaviours in a Portuguese Sample of Adolescents*
Carlos Pereira

CARDIOVASCULAR

- 148-S *The Impact of Cardiac and Noncardiac Comorbidities on the Short-term Outcomes of Patients Hospitalized with Acute Myocardial Infarction: A Population-Based Perspective*
Han-Yang Chen
- 149-S *Sleep Impairment and Prognosis of Acute Myocardial Infarction: A Prospective Cohort Study*
Alice Clark
- 150-S *Comparison of Compliance with Joint Commission Measures in State Designated Comprehensive vs. Primary Stroke Centers*
Tefera Gezmu
- 151-S *Mortality and the Risk of Cardiovascular Events in Barrett's Esophagus*
Jennifer Lund
- 152-S *Cross-Sectional Study of the Predictors of Medication Use, Hypertension Prevalence, and Hypertension Treatment in Bangladeshi Adults*
Molly Scannell

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- 153 *Withdrawn*
- 154-S *Smoking and Hemorrhagic Stroke Mortality in a Prospective Cohort Study of Older Chinese*
Lin Xu
- 155 *Model Selection for Pediatric Coronary Diameter Curves in Japan by Relative Goodness of Fit*
Naoko Sakamoto
- 156 *Subclinical Atherosclerosis and Psoriasis*
Paulo Lotufo
- 157 *Anxiety and Anger and Mortality among Early Survivors of Acute Myocardial Infarction*
Katherine Wrenn
- 158-S *Stroke after Antipsychotic use and the Causal Pathway to Death in Older Adults*
John W. Jackson
- 159-S *Prognosis after Ischemic Heart Disease according to Body Size: A Cohort Study*
Christina C. Dahm
- 160-S *Nursing Educational Interventions in Outpatients with Heart Failure*
Wilson Canon-Montanez
- 161-S *Hypertensive Disorders in Pregnancy and Risk of Myocardial Infarction and Stroke*
Jennifer J. Stuart
- ENVIRONMENTAL**
- 162 *Weight-of-Evidence Evaluation of the Cardiovascular Effects of Ozone Exposure*
Heather Lynch
- 163 *Short-term Effect of Dust Storms on the Risk of Mortality Due to Respiratory, Cardiovascular and All-Causes in Kuwait*
Abdullah Al-Ta'iar
- 164-S *Polyfluoroalkyl Chemicals and Natural Menopause among Women Ages 18-65 from NHANES 1999-2000, 2003-2004, 2005-2006, 2007-2008, AND 2009-2010*
Kyla Taylor
- 165 *Neighborhood Self-Selection: The Role of Pre-Move Health Status on the Post-Move Built Environment*
Peter James
- 166-S *Is The Association between Air Pollutants and Birth Weight Consistent with Using Different Buffer Sizes?*
Keita Ebisu
- 167-S *Acute Air Pollutant Exposure and Blood Pressure at Labor/Delivery Admission*
Tuija Männistö
- 168-S *Association between Vapor Intrusion and Human Exposure to Trichloroethylene*
Natalie Archer
- 169-S *Fluoride Exposure in Drinking Water and Childhood and Adolescent Osteosarcoma in Texas*
Natalie Archer
- 170-S *Comparison of Exposure Estimation Methods for Air Pollutants: Ambient Monitoring Data and Regional Air Quality Simulation*
Mercedes Bravo
- 171 *Osteosarcoma and Low-Level Radium Exposure in Drinking Water - A Case Control Analysis*
Jessie Gleason
- 172-S *Preconception Air Pollution Exposures Increase the Risk of Gestational Diabetes Mellitus*
Candace Robledo
- 173-S *The Effect of Urinary Bisphenol A on Short-term Repeated Measurements of Androgen Hormones and Insulin Resistance: Ewha Birth & Growth Cohort study*
Hye Ah Lee
- 174 *Variation in Observed Epidemiologic Associations Due to Choice of Exposure Metric*
Krista Christensen
- 175-S *Individual and Neighborhood Socioeconomic Status, Long Term Exposure to Air Pollution and Risk of Cardiovascular Disease*
Gloria C Chi
- HIV**
- 176 *2000-2010 Trends in HIV Testing among Adults Aged 18-44: A Decade of Disparities*
Jennifer Peregoy
- 177 *Seasonal Variation in Bacterial Vaginosis*
Mark Klebanoff



- 178-S *Predictors of Retention in a Cohort of HIV/AIDS Patients Started on Antiretroviral Therapy in Addis Ababa, Ethiopia*
David Sando
- 179 *The Effect of Boosted Lopinavir Versus Boosted Atazanavir-containing Regimens on Immunologic, Virologic and Clinical Outcomes in a Prospective Observational Study*
Lauren E. Cain on behalf of the HIV-CAUSAL Collabo
- 180 *The Role of Alcohol/Drug Abuse and Treatment in Appointment Attendance and Virologic Response among HIV+ African Americans*
Chanelle Howe
- 181-S *Antiretroviral Penetration into the Central Nervous System and the Incidence of AIDS-Defining Neurological Conditions: A Prospective Observational Study*
Ellen C. Caniglia on behalf of the HIV-CAUSAL Collabo
- 182-S *Primary Antifungal Prophylaxis for Cryptococcal Meningitis and Impact on All-Cause Mortality in HIV-Infected Patients: A Systematic Review and Meta-Analysis*
Richard Ssekitoleko
- 183-S *The Influence of College Students in a Sexual Network of Young African-American Men*
Dana K. Pasquale
- 184-S *Impact of HIV Infection on Hodgkin Lymphoma Cases in the United States*
Meredith Shields
- 185-S *Contributions to Changing Cancer Incidence in the U.S. HIV Population, 1996-2008*
Hilary Robbins
- 186 *Antiretroviral Therapy Adherence and use of an Electronic Shared Medical Record among HIV-positive Individuals*
Michael Silverberg
- 187-S *Relationship of Cumulative Immunologic and Virologic Response to Antiretroviral Therapy (ART) with Non-AIDS-Defining Cancer (NADC) Incidence, CFAR Network of Integrated Clinical Systems*
Elizabeth Yanik
- 188 *Hypertension and Hyperglycemia in a HAART Naïve HIV Positive Population in Dar es Salaam, Tanzania*
Marina Njelekela

PEDIATRICS

- 189-S *The Association between the Medical Home and Pediatric Developmental Screening among US Children 5 years and Younger*
Nicole Richmond
- 190 *Childhood Growth Trajectories by Combinations of Maternal Weight Status before Pregnancy and Maternal Smoking during Pregnancy: A Multilevel Analysis*
Kohta Suzuki
- 191 *Preventive Dental Sealants and Behavioral, Neuropsychological, or Physical Development in Children*
Nancy Maserejian
- 192-S *Life Course Adiposity and Adolescent Depressive Symptoms: Evidence from Hong Kong's "Children of 1997" Birth Cohort*
Hui Wang
- 193-S *Association between Sleep-Wake Patterns at 3 Years of Age and Overweight Status at 9–10 Years of Age in Japan*
Ayasa Takahashi
- 194-S *Difference in Pubertal Height Gain Trajectories based on Gender and Childhood Body Mass Index: Multilevel Analysis*
Wei Zheng
- 195-S *Influenza Vaccinations for Children Limited by Unmet Healthcare Need within their Families*
Lauren Wisk
- 196-S *Early Childhood Obesity and Cognitive Ability*
Amanda Brzozowski

LATEBREAKERS

- L04 *The Hygiene Hypothesis and the Risk of Pediatric Crohn's Disease*
Vicky Springmann
- L05 *A Prospective Study of Constipation, Laxative Use, and Risk of Colorectal Cancer*
Jessica Citronberg



Alumni Receptions

Boston University School of Public Health
EPI Alumni Reception
Brownstone - 111 Dartmouth Street
Wednesday, June 19th
7:00 – 8:00 pm

Columbia University
Mailman School of Public Health
Department of Epidemiology
Annual Columbia Alumni and Friends Reception
Boston Park Plaza Hotel & Towers
Presidential Suite (15th Floor)
Wednesday, June 19th
7:00 – 8:30 pm

Harvard School of Public Health
Department of Epidemiology
Boston Park Plaza Hotel & Towers
Beacon Hill Room (4th Floor)
Wednesday, June 19th
7:00 – 9:00 pm

The Johns Hopkins Bloomberg School of Public Health
Department of Epidemiology and
The Alumni Relations Office
Boston Park Plaza Hotel & Towers
Whittier Room (4th Floor)
Wednesday, June 19th
7:00 pm

University of North Carolina
Alumni, Faculty and Student Reception
Via Matta
Thursday, June 20th
7:00 – 9:00 pm

University of Utah, Division of Public Health
Utah Alumni, Faculty and Student Reception
Meet in the hotel lobby
Thursday, June 20th
7:30 pm

Check message board for more information about these and other receptions.



7:00 – 5:30 pm	Registration	Mezzanine
7:00 – 8:00 am	Continental Breakfast	Mezzanine
7:00 – 7:50 am	Breakfast with the Experts (complimentary tickets required – available at registration desk) <ul style="list-style-type: none"> • Tyler VanderWeele, Harvard University • David Savitz, Brown University • Yvette Cozier, Boston University • Lisa Signorello, Harvard University 	See ticket
8:00 – 9:30 am	Plenary 1 Session Chair: Sandro Galea Keynote Address: <i>Ensuring Relevance for Epidemiology in a Changing World</i> Dr. Thomas Frieden SER President's Address Dr. Sandro Galea	Imperial
9:30 – 10:00 am	Morning Break Poster Session 1A & 1B	Mezzanine
10:00 – 11:30 am	Concurrent Contributed Sessions 1 (CCS) CARDIOVASCULAR EPIDEMIOLOGY SESSION CHAIR: Diane Lauderdale	Plaza
197-S	<i>Association between Betel Quid Chewing and Change in Carotid Intima-Media Thickness in Rural Bangladesh</i> Tyler R. McClintock	
198-S	<i>Genetic and Peripheral Biomarkers for Amyloid Deposition in the Brain</i> Timothy Hughes	
199	<i>Impact of Differential Misclassification on the Association of Metabolic Syndrome with a Trial Fibrillation Risk: The ARIC Study</i> Alvaro Alonso	
200-S	<i>Testosterone and Cardiovascular Risk Factors in Men, a Mendelian Randomization Analysis in the Guangzhou Biobank Cohort Study</i> Jie Zhao	
201-S	<i>Public Smoking Legislation and Hospitalizations for Ischemic Heart Disease in Atlantic Canada, 1996-2010: Mixed-Effects Modeling of Multilevel Population Health Interventions</i> Robert Hawes	
	METHODS IN PERINATAL EPIDEMIOLOGY SESSION CHAIR: Robert Platt	Imperial
205-S	<i>Sensitivity Analysis in Pregnancy Outcomes Research</i> Kristin Palmsten	
202	<i>Methods Used to Evaluate Potential Biases in Vaccine Pregnancy Safety Studies Using Electronic Health Data</i> Gabriela Vazquez-Benitez	
204	<i>Overcoming Obstacles to Probabilistic Bias Analysis Applied to Large Datasets</i> Timothy Lash	
203	<i>Low-Income Neighborhoods and Very Preterm Birth: An Application of Case-Control-Weighted Targeted Maximum Likelihood Estimation</i> Michelle Pearl	
206-S	<i>Acknowledging and Satisfying the Positivity Assumption in Case-Control Studies</i> Alan Kinlaw	



OCCUPATION

Berkeley

SESSION CHAIR: John Vena

- 209-S *Pre-Menopausal Occupational Physical Demand Protects against Hip Fractures*
Aimee Palumbo
- 210 *Using Multiple Data Sources to Enumerate Work-Related Amputations in Massachusetts*
Kathleen Grattan
- 207-S *Longitudinal Targeted-Maximum Likelihood Estimation (TMLE) of the Effect of Occupational Exposure to PM2.5 on the Incidence of Ischemic Heart Disease*
Daniel Brown
- 211-S *Occupational Prestige and Inflammation in Postmenopausal Women*
Jolene Lee Masters Pedersen
- 208-S *Prostate Cancer and Occupational Exposure to Whole-Body Vibration in a National Population-Based Cohort Study*
Marcella Jones

PRENATAL EXPOSURES AND OUTCOMES OVER THE LIFE COURSE

Terrace

SESSION CHAIR: Pam Factor-Litvak

- 212 *Prenatal Exposure to Diethylstilbestrol and Reproductive Hormones in Premenopausal Women*
Lauren Wise
- 213 *Prenatal Exposure to Diethylstilbestrol and Obesity in Middle-Aged Women*
Elizabeth Hatch
- 214 *Impact on Maternal and Child Serum Levels of Perfluoroalkyl Acids of in Utero and Lactational Transfer*
Tony Fletcher
- 215-S *Maternal Serum Perfluoroalkyl Substances and Maternal and Neonatal Thyroid Function*
Yan Wang
- 216 *Maternal Medication and Herbal Use and Risk for Hypospadias: Data from the National Birth Defects Prevention Study, 1997-2007*
Sarah Tinker

SERDIGITAL - STUDENT METHODS WEB CONFERENCE AWARD WINNERS

Clarendon

SESSION CHAIR: Rena Jones and Ahmed Kassem

- E01 *Crowd-Sourced Mapping of Sexualized Violence in Syria*
Jackie Blachman-Forshay
- E02 *The Role of Heavy Precipitation Events in Waterborne Disease Outbreaks in the United States*
Sumiko Mekaru
- E03 *Marginal Structural Models for Continuous Exposures in the Longitudinal Setting: An Application to Reproductive Epidemiology*
Katherine Ahrens

SUBSTANCE USE ACROSS TIME, SPACE, AND GENERATION: NOVEL DIRECTIONS AND IMPLICATIONS FOR PREVENTION

Arlington

SESSION CHAIR: Kerry Keyes

- 217 *Trends and Demographic Patterns in Non-Medical use of Prescription Pivoids, 2002-2010*
Sam Harper
- 218 *The Impact of Tobacco Control Policies on Disparities in Maternal Smoking during Pregnancy*
Summer Sherburne Hawkins
- 219 *Neighborhood Alcohol Outlets and the Association with Violent Crime in One Mid-Atlantic City: The Implications for Zoning Policy*
Jacky Jennings
- 220-S *Influence of Grandparent Schooling on Adult Health Status, Smoking, and Obesity*
Felice Le

11:30 am – 1:30 pm

Lunch (on your own)

Wednesday Afternoon



Society for
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Research

12:00 – 1:00 pm	EARLY STAGE INVESTIGATORS: BUILDING A NATIONAL REPUTATION SESSION CHAIR: Bernard Harlow, University of Minnesota Panelists: <ul style="list-style-type: none"> • Marlene Goldman, Dartmouth Medical School • Patricia Hartge, NIH • Andrew Olshan, UNC Chapel Hill 	Imperial
12:00 – 1:00 pm	Roundtables (complimentary tickets required – available at registration) <i>Strengths and Weaknesses of GIS Exposure Assessment in Environmental Epidemiology</i> Ann Aschengrau <i>Understanding Obesity: The Contribution of Psychosocial Stress</i> Julie Palmer <i>Methodological Challenges in Racial /Ethnic Disparities Research</i> Chanelle Howe <i>Epidemiologic Theories of Disease Distribution, Social Justice, Rigorous Science, and the People's Health</i> Nancy Krieger	See ticket
1:30 – 3:00 pm	PLENARY 2: TRAINING EPIDEMIOLOGISTS: LOOKING TO THE FUTURE Panelists: <ul style="list-style-type: none"> • Michelle Williams, Harvard School of Public Health • Martha Werler, Boston University School of Public Health • Paul Jacques, Tufts University • Elizabeth Bertone-Johnson, University of Massachusetts, Amherst 	Imperial
3:00 – 3:30 pm	Afternoon Break	Mezzanine
3:30 – 5:00 pm	Symposia 1	
221	INNOVATIONS IN NEIGHBORHOOD RESEARCH: WHERE DO WE GO FROM HERE? SESSION CHAIR: Claire Margerison-Zilko <i>Defining "Neighborhood": Exploring Units of Analysis and Contributions of Workplace Neighborhood to Cardiovascular Risk</i> Patricia O'Campo <i>Navigating Structural Confounding/Social Stratification in Neighborhood Research</i> Jennifer Ahern <i>Interactions between Individual- and Neighborhood-Level Socioeconomic Status in Explaining Racial/Ethnic Disparities in Depressive Symptoms during Pregnancy</i> Catherine Cubbin <i>Beyond the Cross-Sectional: Taking into Account Residential Mobility and Neighborhood Change in Neighborhood Research</i> Claire Margerison-Zilko <i>Discussant:</i> Irene Yen	Plaza
222	INNOVATIVE DESIGN AND ANALYSIS ISSUES IN FETAL GROWTH STUDIES SESSION CHAIR: Katherine Laughon <i>Study Design and Clinical Implications of the NICHD Fetal Growth Study</i> S. Katherine Laughon <i>Modeling Longitudinal Fetal Growth: The Development of a New Novel Approach with a Comparison with Existing Approaches</i> Robert Platt <i>Aspects of the Design and Analysis of the INTERGROWTH-21st Project to Develop Global Fetal Growth Reference Centiles</i> Eric Ohuma	Arlington

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Linear Mixed Models for Reference Curve Estimation and Prediction of Poor Pregnancy Outcomes from Longitudinal Ultrasound Data: Robustness to the Random Effects Assumption
Paul S. Albert

Discussant:
Una Grewal

223

METHODOLOGICAL ISSUES IN PSYCHIATRIC EPIDEMIOLOGY

Clarendon

SESSION CHAIR: Alyssa Mansfield and Jaimie Gradus

Challenges in Psychiatric Epidemiology: A Primer for All Epidemiologists

Alyssa Mansfield

Early Life Stress and Adult Psychiatric Disorders: Assessing Causation in a Sea of Correlation

Katherine Keyes

Conceptual versus Categorical Misclassification: Sexual Victimization and Suicide as a Motivating Example

Jaimie Gradus

Epidemiologic Approaches to Validating the Diagnostic Criteria and the Bereavement Controversy in the Diagnosis of Major Depression

Stephen Gilman

Primary vs. Tertiary Prevention for Posttraumatic Stress Disorder: Insights from Simulation Approaches

Magdalena Cerda

Discussant:
Sandro Galea

224

RACIAL DISPARITIES IN CANCER: FROM THE MOLECULAR TO THE MACRO-ENVIRONMENT

Berkeley

SESSION CHAIR: Sarah Cohen and Lisa Signorello

Introduction

Lisa Signorello

Tumor Molecular Heterogeneity and Breast Cancer Disparities

Melissa Troester

Overcoming Disparities in Lymphoma Outcomes: From Social Support to Novel Therapeutics

Christopher Flowers

Accounting for Context: Social and Built Environment and Disparities in Cancer Risk and Outcomes

Scarlett Lin Gomez

225

VISIONARY EPIDEMIOLOGY (SPONSORED BY EPIDEMIOLOGY)

Imperial

SESSION CHAIR: Jay Kaufman and Allen Wilcox

Intro and Preliminary Presentation of the Issues

Jay Kaufman and Allen Wilcox

Pictures at an Exhibition: Sixteen Visual Conversations about One Thing

Howard Wainer

The Visual Display of Information: The Art of Numbers

Alyssa Goodman

226

VITAMIN D FOR PREVENTION OF CARDIOVASCULAR DISEASE, CANCER AND OTHER CHRONIC DISEASES: STATE OF THE SCIENCE VS. CURRENT RECOMMENDATIONS

Terrace

SESSION CHAIR: Elizabeth Bertone-Johnson

Introduction

Elizabeth Bertone-Johnson

Vitamin D and Cardiovascular Disease

JoAnn Manson

Vitamin D and Cancer

Edward Giovannucci

Vitamin D and Bone Health

Clifford Rosen



5:00 – 6:30 pm

Poster Session 2 and Reception
POSTER SESSION 2A

Georgian

CANCER

- 227-S *Metabolic Syndrome and Ovarian Cancer in the United States: A Study in the SEER-Medicare Linked Database*
Britton Trabert
- 228-S *Are There Racial Differences in Free Vitamin D Levels?*
Kelly Hirko
- 229-S *Periodontal Disease and Lung Cancer Incidence in the Women's Health Initiative Observational Study*
Xiaodan Mai
- 230-S *Effects of Accessibility of Dermatology Clinics on Late Diagnosis of Melanoma*
Loraine Escobedo
- 231 *Oral Hygiene and Risk of Head and Neck Cancer*
Jeffrey Chang
- 232-S *Immune-related Conditions and Subsequent Risk of Brain Cancer in a Cohort of Male United States Veterans*
Elizabeth Cahoon
- 233 *Predicted Vitamin D Score and Ovarian Cancer Risk in Two Prospective Cohorts*
Jennifer Prescott
- 234-S *Validation Study of Hypermethylated Genes Associated with Prostate Cancer Recurrence*
Marni Stott-Miller
- 235 *Spatial Epidemiology of Cancer and PFOA*
Veronica Vieira
- 237 *Endometriosis and Risk of Ovarian and Endometrial Cancers in the Nurses' Health Study II*
Elizabeth Poole
- 236-S *Hormonal Contraception and Cervical Intraepithelial Neoplasia among Kenyan Women with HIV*
Hannah Leslie
- 238-S *Soy Isoflavone Intake and Bone Mineral Density in Breast Cancer Survivors*
Michelle Baglia
- 239-S *Metabolic Syndrome and Development of Oral Neoplasms*
Rebecca Hsieh
- 240 *Meta-Analysis of Cytochrome P450 2D6 Inhibition and Breast Cancer Outcomes in Tamoxifen-Treated Patients: New Perspectives on an Ongoing Controversy*
Deirdre Cronin-Fenton
- 241-S *Epidemiology of Lung Cancer in Morocco*
Hinde Hami
- 242-S *Fifteen-Year Effects of Helicobacter Pylori Treatment on Gastric Cancer Incidence and Mortality among Participants with Different Baseline Gastric Lesions and Ages*
Wen-Qing Li
- 243 *Total and Ionized Calcium Concentrations and Fatal Pancreatic Cancer*
Halcyon Skinner

ENVIRONMENTAL

- 244-S *The Effect of Extreme Heat during Summer on Preterm Birth among Newborn Babies in New York State, 1991-2006*
Aida Soim
- 245-S *Prenatal Exposure to Organophosphate Pesticides and Reciprocal Social Behavior in Childhood*
Melissa Furlong
- 246 *PM2.5 Exposure and Incident Diabetes and Hypertension: Preliminary Results from the Black Women's Health Study*
Patricia Coogan
- 247-S *Urinary Bisphenol A Concentrations and Endometriosis Risk in Reproductive-Age Women*
Kristen Upson
- 248-S *Water Quality and Associations with Gastrointestinal Conditions*
Jyotsna Jagai
- 249-S *Sanitary Sewer Systems and Association with Gastrointestinal Illness: A Case Crossover Analysis of Massachusetts Data, 2006-2008*
Jyotsna Jagai
- 250-S *Species of Fine Particulate Matter and the Risk of Preterm Birth*
Kristen Rappazzo
- 251 *Pesticide Exposures in Pakistani Farmers and Cropworkers*
J. Michael Wright

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- 252 *Withdrawn*
- 253-S *Applying Integrated Dose-Response Functions to Future Fine Particulate Exposure in India*
Vijay Limaye
- 254-S *Heat-related Emergency Hospitalizations for Respiratory Diseases in the Medicare Population*
Brooke Anderson
- 255-S *Association between Lyme Disease and Weather Types in New York State*
Srishti Shrestha
- 256-S *Exposure to Cadmium from Food and Risk of Cardiovascular Disease in Women - A Population-Based Prospective Cohort Study*
Bettina Julin
- 257-S *Farm Residence and Lymphohematopoietic Cancers in a Cohort of Older Women*
Rena Jones
- 258-S *Serum Polychlorinated Biphenyl (PCB) Levels and their Association with Environmental Perceptions in Anniston, Alabama*
C. Campagna
- HIV**
- 259 *Persistence of Prostate-Specific Antigen in Vaginal Fluid after Exposure to Semen*
Maurizio Macaluso
- 260 *Maternal Mortality among HIV-Infected Pregnant Women in Dar es Salaam, Tanzania*
Nan Li
- 261 *Sexual Maturation in Perinatally HIV-Infected and HIV-Exposed Youth in the Era of Combination Antiretroviral Treatment*
Paige Williams
- 262-S *Sexual Behaviors, STI and HIV Testing and Prevalence of Infections among MSM in Latin America, Spain and Portugal using a Social Networking Site*
Katie Biello
- 263-S *Sex Differences in Responses to Antiretroviral Treatment in South African HIV-Infected Children on Ritonavir-Boosted Lopinavir-Based and Nevirapine-Based Treatment*
Stephanie Shiao
- 264-S *Changing Trend in Adherence to Highly Active Antiretroviral Therapy (HAART) in the Multicenter AIDS Cohort Study*
Shilpa Viswanathan
- 265-S *Selection of Optimal Pharmacy Refill-Based Measurements to Monitor Antiretroviral Adherence*
Cassidy Henegar
- 266-S *Human Papillomavirus (HPV) and HPV Vaccine Awareness among U.S. and International Students at a Midwestern University*
Sameer Gopalani
- 267-S *The Challenge of Concurrency as a Measure in Networks Characterized by Short Intervals between Multiple Partners: Patterns of Partnering among Men Who Have Sex with Men in Shanghai, China*
Sarah Jane Steele (nee Taleski)
- 268-S *Expanded HIV Testing Program in STD Clinics Fails to Impact Diagnosis of New HIV-Positive Cases*
Pamela Klein
- 269 *Using HIV Surveillance Data to Identify Areas for Targeted HIV Control Strategies*
Christina Schumacher
- 270-S *Evaluating the Implementation of HIV-Exposed Infant Care: Outcomes from a Family-Centered HIV Prevention, Care, and Treatment Program in Kinshasa, Democratic Republic of Congo*
Lydia Feinstein
- 271-S *Online Serosorting Behaviors and HIV Disclosure among Men Who Have Sex with Men*
Michael LeVasseur
- NEURO EPI**
- 272-S *Inflammation Is Associated with Separate Domains of Cognitive Decline in the Elderly*
Gloria C. Chi
- 273-S *Obesity during Childhood and Adolescence Increases Susceptibility to Multiple Sclerosis and Is Independent of Established Genetic and Environmental Risk Factors*
Milena Gianfrancesco
- 274 *Creutzfeldt-Jakob Disease among American Indians and Alaska Natives in the United States, 1983-2009*
Robert Holman



- 275 *The Epidemiological Burden of Lower Limb Spasticity in Adults: A Systematic Review*
Jerome Dinet
- 276-S *The Relationship between Depressive Symptoms and the Incidence of Dementia in a Population-Based Sample of Older Mexican Americans*
Joanne M. Penko
- 277 *Characteristics of U.S. Adults who Fall Frequently: The Balance and Dizziness Supplement to the 2008 National Health Interview Survey (NHIS)*
Howard J. Hoffman

NUTRITION

- 278-S *Milk Consumption and Cardiovascular Risk Factors in older Chinese: the Guangzhou Biobank Cohort Study*
Yangbo Sun
- 279-S *Plasma Vitamin D Biomarkers and Leukocyte Telomere Length*
Jason Liu
- 280-S *One-Carbon Metabolism Factors and Leukocyte Telomere Length*
Jason Liu
- 281-S *Iron Status among Primary School Children in Morocco*
Mohamed EL Hioui
- 282 *Urine Level of Iodine and Iodized Salt Use among School Children Aged 8 to 10 Years in Eastern China*
Meifang Su
- 283 *Intake of Antioxidants and Subsequent Decline in Physical Function*
Benedetta Bartali
- 284 *Reliability of Meat, Dairy, and Egg Intake over a 33 Year Interval in Adventist Health Study 2*
Karen Jaceldo-Siegl
- 285 *Difference between 24-hour Diet Recall and Urine Excretion Data for Assessing Population Sodium Intake in Adults Aged 18-39 Years*
Carla Mercado

OBESITY

- 286-S *Body Size in Relation to Urinary Estrogens and Estrogen Metabolites (EM) among Premenopausal Women during the Luteal Phase*
Jing Xie
- 287 *Obesity and Associated Adverse Health Outcomes among US Military Members*
Toni Rush
- 288 *Withdrawn*
- 289 *Neighbourhood Typology based on Features of the Built Environment and Associations with Adiposity in Youth*
Tracie Barnett
- 290 *Life Course Weight Measurements and Cardiovascular Biomarkers in Persons Age 60 and Older: A Comparison of the United States and Costa Rica*
David Rehkopf
- 291 *Distance to Full-Service Supermarkets: Is Location of Food Desert Residents' Shopping Associated with Dietary Quality?*
Tamara Dubowitz
- 292-S *Neighborhood Built and Social Environment Characteristics and Familial Obesity*
Andraea Van Hulst
- 293 *Child's Sleep Problems and Risk of Childhood Overweight: A Longitudinal Study*
Liang Wang and Arsham Alamian
- 294-S *Seasonal Variations in Physical Activity and Adolescent Weight Change*
Melanie Kornides
- 295 *Are Physical Activity Opportunities at School Associated with Self-Reported and Accelerometry Estimated Physical Activity among Elementary School Students?*
Geetanjali Datta
- 296-S *Withdrawn*
- 297 *Childhood Obesity: Influence of Perinatal Determinants and Family Socio-Economic Context*
Graça Aparício

OCCUPATIONAL

- 298-S *Pathway Analysis for Healthy Worker Survivor Bias in a Cohort of Actively Employed Aluminum Fabrication Workers*
Sadie Costello



- 299-S *Left Truncation Bias in a Cohort of Actively Employed Aluminum Fabrication Workers*
Sadie Costello
- 300-S *Racial Disparities in Short Sleep Duration by Occupation and Industry*
Chandra Jackson
- 301 *Residential and Occupational Exposure to Wood Treating Operations as Risk Factors for Bladder Cancer*
Lauren E. Johns
- 302 *Combat Experiences and Multiple Deployments Are Risk Factors for Motor Vehicle Crashes*
Kelly Woodall
- 303 *A Systematic Review and Meta-Analysis of Refinery Workers and Risk of Mesothelioma*
Meg McKinley
- 304 *Self-Reported Hearing Loss in the Millennium Cohort*
Amber Seelig
- PERINATAL/REPRODUCTIVE**
- 305-S *Quantifying the Potential Impact of Measurement Error in the Early Autism Risk Longitudinal Investigation (EARLI)*
Karyn Heavner
- 306-S *Low Birth Weight Babies Are More Often Smokers as Adults*
Liv Grimstvedt Kvalvik
- 307 *Withdrawn*
- 308 *Withdrawn*
- 309-S *Impact of Under-Ascertaining Comorbid Conditions at Delivery on Estimated Disease Prevalence in a Pregnant Population*
Amy Metcalfe
- 310-S *Discontinuation of Hormonal Contraception among Black Female Teens Attending an Urban Family Planning Clinic*
Michael Lowe
- 311 *Methodological Challenges of Studying Induction of Labor: Time-Dependent Confounding by Birth weight*
Jonathan M Snowden
- 312-S *Withdrawn*
- 313-S *Prepregnancy Low-Carbohydrate Diet Scores and the Risk of Gestational Diabetes Mellitus: A Prospective Cohort Study*
Wei Bao
- 314-S *Withdrawn*
- 315-S *Acetaminophen Use during Pregnancy and the Risk of Behavioral Problems and Hyperkinetic Disorders in Danish Children*
Zeyan Liew
- 316-S *Maternal Psychosocial Stress and Risk of Adverse Birth Outcomes in a Hispanic Population of Predominantly Puerto Rican Women*
Kathleen Szegda
- 317 *Familial Clustering of Postpartum Hemorrhage in the Swedish Population*
Brian T Bateman
- 318-S *Sleep Disorders and Race/Ethnicity in Pregnant and Non-Pregnant Women of Childbearing Age*
Xu Xiong
- 319 *Interaction between Maternal Passive Smoking during Pregnancy and CYP1A1 and GSTT1 Polymorphisms on Full Term Low Birth Weight*
Wei-Qing Chen
- 320-S *Perturbations in Testosterone are Associated with Sporadic Anovulation in Normally Menstruating Women*
Lindsey Sjaarda
- SCREENING**
- 321 *Vision Impairment, Hearing Loss and Co-Occurring Autism Spectrum Disorders in Children*
Vijaya Kancherla
- 322-S *Challenges to Creating a Nationwide Surveillance System for Chronic Kidney Disease*
Laura Plantinga
- 323 *Breast Cancer Screening in an Era of Personalized Regimens: A Conceptual Model for Risk- and Preference-Based Screening at a Population Level*
Elisabeth Beaber
- 324 *The Tuberculosis Incidence among Immigrants in Denmark from 1992-2011 - Is it Time to Screen?*
Jan Wohlfahrt



- 325-S *Assessment of Medical Claims Data for Public Health Reporting of Enteric Pathogens Commonly Transmitted by Food*
Ellyn Marder
- 326 *Sociodemographic Characteristics and Smoking Patterns of Young Adults Reached via a Nationally Representative Cell Phone Sample*
Sandra Echeverria
- 327-S *Screening for Precocious Cervical Ripening to Predict Preterm Delivery: An Assessment*
Qing Li
- SOCIAL**
- 328-S *Educational Attainment and Gestational Weight Gain among American Mothers*
Alison Cohen
- 329-S *State-level Inequality and Depression among a Cohort of American Adults*
Roman Pabayo
- 330-S *Effects of a Housing Mobility Experiment on Neighborhood Quality*
Quynh Nguyen
- 331-S *Psychometric Evaluation of the Chinese Version of the Subjective Happiness Scale*
Hairong Nan
- 332 *Association of Economic Strain with Subjective Ill-Being among U.S. Adults: A Two-Level Analysis*
Chaoyang Li
- 333 *Low Income and the Risk of Heart Failure. Mediation by Physiological, Psychological and Behavioral Factors*
Ingelise Andersen
- 334-S *Longitudinal Associations between Neighborhood Recreational Facilities and Change in Recreational Physical Activity in the Multi-Ethnic Study of Atherosclerosis*
Yamini Kesavan
- 335 *Validating the Family Harmony Scale in Hong Kong Chinese: Jockey Club FAMILY Project*
Michael Y. Ni
- 336 *Racial/ethnic and Gender Differences in Associations of Self-Reported Experiences of Discrimination with Inflammation: The Multi-Ethnic Study of Atherosclerosis (MESA)*
Kiarri Kershaw
- 337-S *Neighborhood Social Processes and Older Adults' Sleep*
Jen-Hao Chen
- 338 *Perceived Discrimination and Health: Results from the Survey of the Health of Wisconsin (SHOW)*
F. Javier Nieto
- WOMEN'S HEALTH**
- 339-S *Suicidal Behavior by Burns among Women: The Silent Scream of Women in Iran*
Reza Alaghebandan
- 340-S *Pubic Hair Removal and Vulvodynia*
Maheruh Khandker
- 341 *Development, Progression, and Remission of Lower Urinary Tract Symptoms across Racial/Ethnic Groups: A Population-Based Prospective Study*
Nancy Maserejian
- 342 *Male Microchimerism and Survival among Women*
Mads Kamper-Jørgensen
- 343-S *The Association of Reproductive and Lifestyle Factors with a Score of Multiple Sex Hormones*
Amy L. Shafrir
- 344-S *Blood Mercury Levels in Pregnant and Non-Pregnant Women in the United States (NHANES 1999-2010)*
Hilda Razzaghi
- 345-S *Comparable Associations of Cardiovascular Risk Factors Measured in Early Adulthood and again in Middle-Age with Carotid Intima-Media Thickness in Middle-Aged Women: The Avon Longitudinal Study of Parents and Children (ALSPAC)*
Abigail Fraser
- 346-S *Self Reported History of Keloids Is Not Associated with Prevalent Fibroids in Young African American Women*
Quaker Harmon
- 347-S *Use of Tanning Beds, Sun Exposure and the Incidence of Endometriosis*
Marina Kvaskoff



- 348 *Latitude and Ultraviolet Radiation Dose in Birthplace in Relation to Menarcheal Age in a Large Cohort of French Women*
Marina Kvaskoff
- 349 *Age at Natural Menopause in Relation to All-Cause and Cause-Specific Mortality in a Follow-Up Study of U.S. Black Women*
Se Li
- 350 *Childbearing Factors in Relation to All-Cause and Cause-Specific Mortality in a Follow-Up Study of U.S. Black Women*
Se Li
- 351-S *Cadmium, Lead and Mercury Exposure and Paraoxonase 1 (PON1) Activity in Women*
Anna Pollack
- 352-S *Access to Primary Care Provider and Adherence to Mammography Screening*
Alyssa Kick
- 352-S *Access to Primary Care Provider and Adherence to Mammography Screening*
Balakrupa Ramachandran
- 353-S *Epidemiologic and Medical Factors Associated with Antibodies against Tumor Associated Antigens MUC1 and MUC16: Possible Relevance to Ovarian Cancer*
Kristina Williams
- 354-S *Health Related Behaviours among Mothers of Preschool Children*
Yasser Sabr
- 355-S *Correlation of Urine and Plasma Cytokine Levels among Reproductive Aged Women*
Carrie Nobles
- L06 *Polymorphisms in Vitamin D-Related Genes and Risk of Uterine Leiomyomata*
Lauren A Wise
- L07 *Moved to poster session 1B*
- L08 *Obstructive Sleep Apnea as a Risk Factor for Silent Cerebral Infarction*
Eo Rin Cho
- L09 *Bypassing First Level Clinics for Childbirth in Rural Tanzania: A Census of 3000 Recent Deliveries*
Sabrina Hermosilla
- L10 *Treatment Decision-Making in Veterans with Early Stage Prostate Cancer*
Soe Soe Thwin

5:00 – 6:30 pm

Poster Session 2B

Statler

AGING

- 356-S *The Relationship between Widowhood and Physical and Mental Health: Results from a Nationally Representative Sample of Older Adults*
Anusha Vable
- 357 *Obesity and Life Expectancy among Long Lived Black Adults*
Pramil Singh
- 358-S *Memory Functioning and 2-Year Mortality Risk: Comparing Conventional and Genetic Instrumental Variable Estimates*
Jessica Daniel
- 359 *Educational Differences in Late Life Cognition Trajectories: Role of Smoking and Physical Activity*
Elizabeth Grubert
- 360-S *Use of Emergency Medical Services Electronic Records to Monitor Health-Related Events such as Falls in Skilled Nursing Facilities in North Carolina*
Catherine Donovan
- 361 *Cytomegalovirus Infection and Risk of AD in Older African Americans and Caucasians*
Lisa Barnes
- 362 *Increased Late-Life Morbidity Index among Overweight and Obese Men May Be Fully Mediated by Midlife Levels of Serum Cholesterol Components*
Uri Goldbourt
- 363-S *Health-Related Quality of Life in Older Adults with Depression*
Jennifer Reneker
- 364-S *Hippocampal Changes and Subsequent Depressive Symptoms in a Community-Based Sample of Older Adults*
Martine Elbejjani



- 365-S *Type 2 Diabetes, Mortality, and Cognitive Decline among Older Mexican Americans*
Elizabeth Rose Mayeda
- 366-S *Objectively Measured Lifespace: The LIFE-meter Study*
Amii Kress
- 367 *Body Composition in Relation to Hip Bone Loss among Racially/Ethnically Diverse Middle-Aged Men*
Andre Araujo
- 368 *Body Composition in Relation to Bone Microarchitecture among Racially/Ethnically Diverse Middle-Aged and Older Men*
Elizabeth Suarez
- 369-S *Causal Pathways to Mortality among Elderly Patients Treated with Antipsychotic Medications: A Systematic Review*
John Jackson
- DIABETES**
- 370-S *Changes in Diabetes Status between Pregnancies and Impact on Newborn Outcomes*
Nansi Boghossian
- 371-S *Effects of Taiwan Style Fructose-Rich Beverages Consumption on Insulin Resistance in Adolescents*
Wei-Ting Lin
- 372-S *Adolescent Testosterone, Muscle Mass and Glucose Metabolism: Evidence from "Children of 1997" in Hong Kong*
Wei Wei Hou
- 373-S *Effects of Fructose Sweetened Beverages Intake on Retinol Binding Protein 4 among Adolescents*
Meng-Hsueh Chen
- 374 *Cancer Incidence in Cohort of 36379 type 2 Diabetics in Minhang District. Shanghai*
Huilin XU
- 375 *Risk of Birth Defects Associated with Maternal Pregestational Diabetes: A Population-Based Cohort Study in Northern Italy*
Marco Vinceti
- 376 *Does the Female Fetus Affect Insulin Resistance in the Mother?*
Lin Xiao
- 377-S *The Association between Psychological Problems and the Risk of Diabetes in Children Aged 9*
Su Hyun Park
- 378-S *Age at Menarche, Leg Length, and Type 2 Diabetes in Brazilian Adults: Findings from the Brazilian Longitudinal Study of Adult Health (ELSA-Brasil)*
Noel Mueller
- 379 *Very Low and Low Birth Weight Are Associated with Higher Risk of Type 2 Diabetes in U.S. Black Women*
Edward Ruiz-Narvaez
- 380 *Evaluation of Pharmacological Management for Type-2 Diabetes Post-Myocardial Infarction*
Daniela Moga
- 381-S *Association between Serum 25-Hydroxyvitamin D Level and Insulin Resistance in an Elderly Korean Population*
Bo Mi Song
- 382 *Perinatal Oxidative Stress Affects Fetal Ghrelin Levels*
Zhong-Cheng Luo
- 383 *All-Cause, Cardiovascular, and Cancer Mortality in Postmenopausal White, Black, Hispanic, and Asian Women with and without Diabetes in the U.S.: The Women's Health Initiative 1993-2009*
Yunsheng Ma
- 384-S *The Microclinic Health Program: A Social Network-Based Intervention for Weight Loss and Diabetes Risk Management*
Marta Prescott
- 385 *Self-Rated Health and All-Cause Mortality among Middle Aged and Older Adults with and without Diabetes, National Health Interview Survey, 1997-2006*
Keri Norris
- 386-S *Perceptions of Diabetes Management: Do Patients and Physicians Agree?*
Roberta Figueiredo
- 387-S *Gender and Racial/Ethnic Differences in the Associations of Urinary Phthalate Metabolites with Diabetes Biomarkers: NHANES 2001-2008*
Tianyi Huang



GENETICS

- 388-S *SNP Interactions in GWAS Identifies Novel Disease Susceptibility Loci – The WTCCC Data Revisited*
Noha Sharaf Eldin
- 389-S *A Genome-Wide Association Study of Cognitive Decline Shows Two Independent Signals in the APOE/TOMM40 Region*
Chenan Zhang
- 390-S *Genome-Wide Association, Candidate Gene, and Pathway Analysis Studies of Placental Abruption*
Tsegaselassie Workalemahu
- 391 *Common Markers Identified by Sequencing Case-Parent Trios Confirms 8q24 Contains a Genetic Risk Factor for Cleft Lip with/without Cleft Palate with Substantial Heterogeneity across Populations*
Terri Beaty
- 392-S *52 Established Multiple Sclerosis Risk loci Are Not Associated with Disease Severity in a Meta-Analysis of 3,056 Cases*
Michaela F. George
- 393-S *Candidate Vitamin D Risk Variants from a Large Genome-Wide Association Study Are Not Associated with Multiple Sclerosis Progression*
Farren B. S. Briggs
- 394 *Electronic Medical Records and Genomics Network – from GWAS to Implementation*
Ian Marpuri
- 395-S *ADH1B (RS1229984) and DSM-IV Alcohol Abuse & Dependence Criteria, with Alcohol Consumption as Mediator in Israeli Drinkers*
Bari Kilcoyne

METHODS

- 396-S *The Mismeasurement of Quality by Readmission Rate- How Blunt Is too Blunt an Instrument*
Juliet Rumball-Smith
- 397 *Extended Causal Diagrams Integrating Response Types and Observed Variables*
Etsuji Suzuki
- 398 *The Case Test-Negative Design for Vaccine Effectiveness against Hospitalization*
Ivo Foppa
- 399 *Withdrawn*
- 400 *Sensitivity and Specificity on Semi-Health Conditions among Young Adults in Japan*
Hideo Yamazaki
- 401-S *Cumulative Distribution Functions as a Simple Method to Define Lost to Follow-Up (LTFU) Cut-Offs among Patients Initiated on Antiretroviral Therapy (ART) in Zomba, Malawi*
Beth Rachlis
- 402 *Considerations in Pooling Biomarker Calibration Information*
Neil Perkins
- 403-S *Multiply Robust Estimation of Effects in Case Control Studies in the Presence of Selection Bias*
Maral DerSarkissian
- 404-S *Non-Differential Misclassification in Aggregated Measures of Neighborhood Context*
Stephen Mooney
- 405-S *A Novel Network Graph Approach for the Analysis and Visualisation of Epidemiological Data*
Gemma Sharp
- 406 *Controlling for the Healthy Worker Survivor Bias with G-Estimation of Accelerated Failure Time Models Using a Series of Exposure Cutoffs: A Move toward Quantitative Exposure*
Sally Picciotto
- 407-S *Competing Risk versus Kaplan-Meier Analysis for Estimating Loss to Follow-Up in HIV Programs*
Chloe A. Teasdale
- 408-S *Quantitative Verification of Instrumental Variables Assumption Using Balance Measures*
Rolf H.H. Groenwold
- 409 *A Simulation Study of Relative Efficiency and Bias in the Nested Case-Control Study Design*
Stephen Bertke
- 410 *Bias Associated with Systematic Error in a Binary Dependent Regression Variable*
Gary Fraser



- 411 *Response Rate and Time to Response for Patient Reported Outcomes Collected Using a Centralized System in Two American College of Radiology Imaging Network Cancer Screening Trials*
Ilana Gareen
- 412-S *Influence of CYP2A6 *4 Genotypes on Serum Cotinine among Non-Smoking Chinese Pregnant Women: Implication for Secondhand Smoke Measurement*
Chuanbo Xie

PEDIATRICS

- 413 *Teen Pregnancy in the United States Is Higher When the Nativity of the Mother Is Inside the U.S.*
Jagjit Singh Teji
- 414-S *General and Abdominal Overweight/Obesity Increases the Risk of Physician-Diagnosed Asthma in Norwegian Adolescents: The Young-HUNT Study*
Kathryn B. Egan
- 415-S *Marker of Bone Formation and Oral Inflammation in Children*
Khady Ka
- 416-S *Changes in Rates of Pharmacotherapy for Children with Familial Hypercholesterolemia between 2004 and 2010*
Nina Joyce
- 417 *The Prevalence of Hypospadias in Denmark*
Jan Wohlfahrt
- 418-S *Does Informal Child Care Affect Adolescent Psychosocial Health? Evidence from Hong Kong's "Children of 1997" Birth Cohort*
Cherry Y Leung
- 419-S *Perceived Weight, Not Body Mass Index: A Strong Predictor of Suicide Risk among U.S. Adolescents*
Dana Mowls
- 420 *Age at Autism Spectrum Disorder (ASD) Diagnosis by Race/Ethnicity among Children with Special Health Care Needs, 2009-2010 National Survey of Children with Special Health Care Needs (NS-CSHCN)*
Heejoo Jo
- 421 *Withdrawn*
- 422-S *Differentiating Infectious from Ischemic Causes of Necrotizing Enterocolitis among Premature Infants*
Anayeli Herrera Morales
- 423-S *Do Preschool Wheeze Phenotypes Predict Allergic Disease Outcomes in Adolescence? 15 Year Follow-Up of the Canadian Childhood Asthma Primary Prevention Study*
Meghan B. Azad
- 424-S *Disparities of Breastfeeding Patterns between Black and White Women in North America. Results from the AHS-2*
Sozina Katuli

5:30 – 6:30 pm

Guided Poster Tours (complimentary tickets available at registration)

Tour Guides:

- Stephen Alder
- Tim Lash
- Whitney Robinson
- Greg Wellenius

7:00 pm onward

Alumni Receptions (Partial list of receptions listed on page 36. Check message board for specific information.)

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7:00 – 5:30 pm	Registration	Mezzanine
7:00 – 8:00 am	Continental Breakfast	Mezzanine
7:00 – 7:50 am	Breakfast with the Experts (complimentary tickets required) Experts: <ul style="list-style-type: none"> • Murray Mittleman, Harvard University • Kenneth Rothman, Boston University • Maria Glymour, University of California, San Francisco • Lauren Wise, Boston University 	See ticket
8:00 – 9:40 am	PLENARY 3 SESSION CHAIR: Sandro Galea LILIENFELD STUDENT PRIZE WINNER PRESENTATION <i>Antidepressant Use and Risk for Preeclampsia among Women Enrolled in Medicaid</i> Kristin Palmsten BEYOND CELLS TO SOCIETY: FROM EXPOSOME TO GENOME: <i>Thinking 'Above the Skin': How the Brave New World of Exposure Assessment Will Shape Epidemiology in the Coming Decades</i> Jim Anthony <i>Thinking 'Below the Skin': Emerging Biologic Science and its Implications for Epidemiology</i> Daniele Fallin New Directions in SER Sandro Galea, SER President	Imperial
9:40 – 10:00 am	Morning Break Poster Session 2	Mezzanine
10:00 – 11:30 am	Symposia 2 HEALTH OF INDIGENOUS PEOPLES: A GLOBAL HEALTH DISPARITY <i>(SPONSORED BY THE INTERNATIONAL EPIDEMIOLOGY ASSOCIATION)</i> SESSION CHAIR: Ezra Susser Carlos EA Coimbra, Jr Sandra Eades Sally H Smith <i>Discussant</i> Patricia Buffler	Terrace
425		
426	MOVING FROM WHY TO HOW: DEALING WITH THE PRACTICAL CHALLENGES OF ADOPTING SYSTEMS SCIENCE APPROACHES IN EPIDEMIOLOGY SESSION CHAIR: Abdulrahman El-Sayed <i>Evaluating Agent-Based Network Models for Health and Behaviors</i> David Shoham <i>Racial/Ethnic Differences in Alcohol-Related Injury: An Agent-Based Modeling Approach</i> Katherine Keyes	Berkeley



Adapting Systems Approaches for Epidemiology: An Illustration Considering the Social Communicability of Obesity
Abdulrahman El-Sayed

Discussant
Ichiro Kawachi

427 **STATISTICAL METHODS IN LIFECOURSE EPIDEMIOLOGY** **Arlington**

SESSION CHAIR: Kate Tilling

Modelling Trajectories of Growth: A Multilevel Modelling Approach

L.D. Howe

Marginal Structural Models for Life-Course Epidemiology: An Example of Breastfeeding and Health Consequences in Early Childhood

Rolf H.H. Groenwold

Multivariate Multilevel Models for Associations between Trajectories and Outcomes: An Example of Gestational Weight Gain and Birthweight

K. Tilling

Modeling Trajectories of Change in Physical Activity and All-Cause Mortality: A Latent Class Approach

Qian-Li Xue

428 **SURVIVING COMPETING RISKS** **Imperial**

SESSION CHAIR: Steve Cole and Bryan Lau

Competing Risks: The Risks Compete, the Hazards Add

Bryan Lau

Estimating Risk Differences and Risk Ratios from Cohort Studies with Competing Risk

Steve Cole

Recent Developments in Competing Risks

Jason Fine

Discussant
James Robins

429 **WHAT IS THE ROLE OF EPIDEMIOLOGY IN THE ERA OF MOLECULAR BIOLOGY AND GENOMICS** **Plaza**

(SPONSORED BY THE AMERICAN JOURNAL OF EPIDEMIOLOGY)

SESSION CHAIR: Lewis Kuller

"Deep Phenotyping": Characterizing Populations in the Era of Genomics and Systems Biology

Russell P. Tracy

Molecular Pathological Epidemiology: A Paradigm Shift to Address Heterogeneity of Disease Etiologies and Pathogenesis

Shuji Ogino

Will Methods of Quantifying Diet Improve Nutrition, Epidemiology Research?

Ross L. Prentice

The Challenges for Epidemiology of New Technologies, Large Samples, Data Collection, Example of the National Children's Study

Michael B. Bracken

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

12:00 – 1:00 pm **LIFE OF POST-DOCS AND JUNIOR FACULTY** **Arlington**

SESSION CHAIR: Abdulrahman El-Sayed

Panelists:

- Rena Jones, National Cancer Institute
- Jessica Jones-Smith, Johns Hopkins University
- Rohit Ojha, St. Jude's Children's Research Hospital
- Beth Widen, Columbia University



12:00 – 1:00 pm	Roundtables (complimentary tickets available at registration, limited) <i>Opportunities and Challenges for Researching Non-Communicable Diseases in Low-Resource Countries</i> Louise Brinton <i>Publishing from an Editor's Perspective</i> Ichiro Kawachi <i>Instrumental Variables and Other Dangerous Things</i> Miguel Hernán <i>Exposures, Interventions, and Causal Inference</i> Daniel Westreich	See ticket
12:00 – 1:00 pm	AJE Meet the Editors	Berkeley
1:30 – 3:00 pm	Concurrent Contributed Sessions 2	
	ADVANCES IN SUICIDE EPIDEMIOLOGY: MACRO, MICRO, METHOD SESSION CHAIR: Stephen Gilman 430 <i>The Effect of Recessions on Suicide Mortality in the United States</i> Sam Harper 431-S <i>War- and Civilian-Trauma Experiences and their Relation with Suicidal Ideation among Ohio Army National Guard Soldiers</i> Marta Prescott 432-S <i>Physicians' Prescribing Preferences Are a Potential Instrument for Patients' Actual Prescriptions of Antidepressants</i> Neil Davies 433 <i>An Observational Study on the Impact of Service Use for Mental Disorders on Suicidality</i> Guilherme Borges <i>Discussant</i> Matthew K. Nock	Berkeley
	CANCER IN WOMEN SESSION CHAIR: JoAnn Manson and Sue Hankinson 434-S <i>Lifetime Vigorous Physical Activity in Relation to Estrogen Receptor-Positive and Estrogen Receptor-Negative Breast Cancer in African American Women</i> Traci N. Bethea 435-S <i>Bisphosphonate Use and Risk of Postmenopausal Breast Cancer</i> Sarah Aroner 436 <i>Feasibility and Performance of NCI's Automated Self-Administered 24 Hour Recall (ASA24)</i> Frances Thompson 437 <i>Vegetarian Dietary Patterns Associated with Biomarkers of Cancer Risk</i> Karen Jaceldo-Siegl 438-S <i>Association between Serum 25(OH) Vitamin D, Incident Liver Cancer and Chronic Liver Disease Mortality in the Linxian Nutrition Intervention Trials: A Nested Case-Control Study</i> Jianbing Wang 439 <i>Assessing the Effectiveness of a Cancer Screening Test in the Presence of another Screening Modality in Nonrandomized Studies</i> Jessica Chubak	Terrace
	ESTIMATING THE BURDEN OF INFLUENZA SESSION CHAIR: Derek Cummings 440 <i>Estimating the Incidence and Severity of Influenza in the United States: A Bayesian Perspective</i> Carrie Reed 443 <i>Modeling the Potential Impact of an Influenza A/H3N2v Vaccine in the United States</i> Carrie Reed 441-S <i>Years of Life Lost in the First Wave of 2009 Pandemic (H1N1) in Hong Kong</i> Ying Zhou	Clarendon



- 442 *Case Fatality Risk of 2009 Pandemic Influenza A(H1N1): A Systematic Review and Meta-Analysis*
Benjamin Cowling
- 444 *Predicting Influenza Admissions among Veterans from Telephone Triage*
Carla Winston

OBESITY RESEARCH: CAUSAL QUESTIONS, NOVEL METHODS

Plaza

SESSION CHAIR: Whitney Robinson and Kate Bauer

- 445-S *The Perils of Collider Stratification: The Obesity Paradox Explained*
Hailey R. Banack
- 446-S *Race or Place? Exploring Racial Modification of the Obesity Gender Gap*
Marissa J. Seamans
- 447-S *How is Pregnancy-Related Weight Changes and Breastfeeding Related to Long-Term Maternal Weight and Waist Circumference? A Path Analysis*
Helene Kirkegaard
- 448-S *Community Socioeconomic Deprivation and Obesity Trajectories in Children using Big Data*
Claudia Nau
- 449 *Weight Loss and Coronary Heart Disease and All-Cause Mortality in Middle-Aged or Older Women: Sensitivity Analysis for Unmeasured Confounding by Undiagnosed Disease*
Goodarz Danaei

ON THE ANALYSIS OF MEDIATION IN SOCIAL EPIDEMIOLOGY

Imperial

SESSION CHAIR: Arijit Nandi

- 450-S *Social Inequality in Breast Cancer - Quantification of the Mediating Effects of Lifestyle and Reproductive Patterns*
Ulla Hvidtfeldt
- 452-S *The Association between Socioeconomic Position, Modifiable Risk Factors and Heart Disease Incidence in Canada: The National Population Health Survey*
Brendan T Smith
- 453 *The Moving to Opportunity Experiment and Adolescent Psychological Distress: Were Effects Mediated by Neighborhood Characteristics?*
Theresa Osypuk
- 454 *The Built Environment as a Mediator in the Relationship between Racial Residential Segregation and Preterm Birth in Durham, North Carolina*
Rebecca Anthopolos
- 451-S *Assessment of Mediation by Behavioral Risk Factors on Educational-Related Gradients in Cause-Specific Mortality using Additive Hazards Modeling: A Multicenter Cohort Study*
Helene Nordahl

Discussant

Tyler VanderWeele

PSYCHOSOCIAL STATUS ACROSS THE REPRODUCTIVE LIFE CYCLE

Arlington

SESSION CHAIR: Lynne Messer

- 455 *Psychosocial Stress and Risk of Uterine Leiomyomata in Black Women*
Lauren Wise
- 456-S *Physical and Sexual Abuse Victimization in Childhood or Adolescence and Risk of Gestational Diabetes*
Susan Mason
- 457 *Personality and Birth Outcomes among Adolescents*
Emily Harville
- 458-S *Stressful Events in Pregnancy and Postpartum Depressive Symptoms in Massachusetts*
Sarah Stone
- 459 *Risk Factors Associated with Trajectories of Fathers' Depressive Symptoms across the Early Parenting Period: An Australian Population based Longitudinal Study*
Rebecca Giallo

3:00 – 3:30 pm

Afternoon Break

Mezzanine



3:30 – 5:00 pm

Concurrent Contributed Sessions 3

CONTRIBUTIONS TO CAUSAL INFERENCE

Imperial

SESSION CHAIR: Eric Tchetgen Tchetgen

- 468 *Efficient Design for Mendelian Randomization Studies: Subsample and Two-sample Instrumental Variable Estimators*
Brandon Pierce
- 465 *Power and Sample Size Calculations for Mendelian Randomization Studies*
Benjamin Cowling
- 466 *Direct Effect of Birth Weight on Childhood Blood Pressure: A Causal Mediation Analysis*
Jay Kaufman
- 467-S *Multiply Robust Estimation of Total Effects in Multilevel Models*
Maral DerSarkissian

EMERGING ISSUES IN BIRTH DEFECTS AND DEVELOPMENTAL DISORDERS

Clarendon

SESSION CHAIR: Coleen Boyle

- 469-S *Familiality of Social Responsiveness Scale scores in the Nurses' Health Study II*
Kristen Lyall
- 470 *Parental Early-Life Socioeconomic Statuses and Childhood Behavior Problems: What Are the Pathways?*
Naoki Kondo
- 471-S *Perinatal Risk Factors for Autism: Findings from the Collaborative Perinatal Project*
Emma Viscidi
- 472 *The Relationship between Race/Ethnicity and Major Birth Defects in the United States, 1999-2007*
Mark Canfield
- 473-S *Maternal Exposure to Criteria Air Pollutants during Early Pregnancy and Congenital Heart Defects in Offspring*
Jeanette A Stingone

ENVIRONMENTAL EPIDEMIOLOGY: INTERACTIONS BETWEEN ENVIRONMENTAL AND GENETIC FACTORS

Plaza

SESSION CHAIR: Maria Argos

- 474-S *Valid Gene-Environment Interactions When Improper Controls Induce Selection Bias*
Ryan Seals
- 475 *Managing Bias in Studies of Additive Gene-Environment Interaction: Gulf War Illness*
Robert Haley
- 476-S *NOS Genes and PD: Marginal Associations and Gene Environment Interactions with Pesticides*
Kimberly Paul
- 477-S *Genetic Variants in One-Carbon Metabolism and DNA Repair Genes Modify the Association between Arsenic and Skin Lesions*
Wei Jie Seow
- 478-S *Gene-Smoking Interactions and Risk of Childhood Acute Lymphocytic Leukemia among Hispanic Children in a Genome-Wide Association Study*
Jessica L. Trimis
- 479-S *Indoor Coal Smoke Exposure, Tobacco Use, and Lung Cancer Risk in Xuanwei, China*
Christopher Kim

FEMALE INFERTILITY: CAUSES & CONSEQUENCES

Berkeley

SESSION CHAIR: Lauren Wise

- 460 *Randomized Clinical Trial of Preconception Low Dose Aspirin use to Improve Pregnancy Outcomes: EAGeR (Effects of Aspirin in Gestation and Reproduction) Trial*
Enrique Schisterman
- 461-S *Cervical Surgery for Cervical Intraepithelial Neoplasia and Prolonged Time to Conception of a Live Birth: A Case-Control Study*
C.N. Spracklen
- 462-S *Cycle-Specific Phthalate Measures, Early Pregnancy Loss and Time to Pregnancy*
Anne Marie Jukic



- 463-S *Fecundability in Women Born Preterm*
Cathrine Wildenschild
- 464-S *Low Technology Assisted Reproduction and Preterm Birth*
Carmen Messerlian

Discussant
Donna Baird

LATEBREAKER SESSION

Arlington

SESSION CHAIR: Polly Marchbanks

- L11 *Patterns in Screening Mammography Utilization by Socio-Demographic and Breast Cancer Risk Factors between 2000 and 2012*
K. Bolton
- L12 *Cancer Incidence among Minnesota Taconite Workers*
Elizabeth M. Allen
- L13 *Pyrethroid and Organophosphate Insecticides & Behavioral Problems, CHMS*
Youssef Oulhote
- L14 *Sensory Impairments and Cognitive Function in the Beaver Dam Offspring Study*
Karen J. Cruickshanks
- L15 *The Effect of Neighbourhood Characteristics on the Risk of Depression in a Community Sample with Diabetes*
Genevieve Gariepy
- L16 *Ante- and Postpartum Depression in Ghanaian and Ivorian Women and Impact on Febrile Illness in their Offspring: A Prospective, Longitudinal Birth-Cohort Study*
Stephan Ehrhardt
- L17 *Cross-Sectional Associations of Self-Reported Depression and Racial Discrimination with Brain Tissue Volumes: The CARDIA Study*
Craig Meyer
- L18 *Perceived Racism in Relation to Incident Sarcoidosis in the Black Women's Health Study*
Yvette Cozier

TOWARD A DEFINITE, COHERENT HETEROGENEITY: RECENT ADVANCES IN METHODS AND FINDINGS FROM LONGITUDINAL DESIGNS IN BREAST CANCER

Terrace

SESSION CHAIR: Mary Beth Terry

- 480 *Breast Cancer Risk Prediction with Heterogeneous Risk Profiles According to Breast Cancer Tumor Markers*
Bernard Rosner
- 481-S *Tumor Markers in Relation to Disease-Free Survival among Women with Ductal Carcinoma in situ of the Breast*
Alex Binder
- 482-S *Novel Methodologies to Address Molecular Heterogeneity of Disease Processes in Epidemiologic Research*
Aya Kuchiba
- 483-S *Breast Cancer Subtypes and Previously Established Genetic Risk Factors: A Bayesian Approach*
Katie O'Brien
- 484-S *Change of Mammographic Density Predicts the Risk of Contralateral Breast Cancer*
Maria EC. Sandberg
- 485 *A Prospective Study of Smoking in Relation to Breast Cancer Incidence in African American Women*
Lynn Rosenberg

5:00 – 6:30 pm

Poster Session 3 & Reception Poster Session 3A

Georgian

CANCER

- 486 *Diabetes, Insulin Use and Ovarian Cancer Incidence*
Margaret A. Gates
- 487-S *Adolescent and Adult Dietary Fat Intake and Ovarian Cancer Risk*
Megan Rice
- 488 *The Association between Colorectal Cancer Susceptibility Loci and Colorectal Conventional Adenomas and Serrated Polyps*
Andrea Burnett-Hartman



- 489 *Ovarian Cancer Risk Factors by Tumor Side*
Kathryn Terry
- 490 *Chrysotile Asbestos Exposure and Ovarian Cancer: Is There an Association?*
Megan Jacobsen
- 491-S *Dietary Patterns and Risk of Hodgkin Lymphoma in a Population-Based Case-Control Study*
Mara Epstein
- 492-S *Variations within ARID5B, CEBPE, and IKZF1 and Risk of Childhood Leukemia*
Ling-I Hsu
- 493-S *Associations between Endogenous Hormone Levels and Lobular Involution in the Normal Breast among Premenopausal Women*
Zeina Khodr
- 494 *Recruiting Female Cancer Survivors from the Georgia Cancer Registry: The FUCHSIA Women's Research Study*
Penelope P. Howards
- 495-S *Interaction of Coffee Intake and Body Mass Index on the Risk of Advanced Breast Cancer among Singapore Chinese Women*
Lei Zhu
- 496-S *Dose-Response Relationship between Paan Chewing and Oral Cancer*
Sreenath Madathil
- 497 *Participation Bias in a Prostate Cancer Quality of Life Survey*
Kimberly Porter
- 498 *Human Papillomavirus Vaccine Beliefs, Acceptance, and Uptake among U.S. and International Students at a Mid-Western University*
Madhav Bhatta
- 499-S *Reproductive and Hormonal Factors, Benign Breast and Reproductive Conditions, and Thyroid Cancer Risk*
Melissa Braganza
- 500 *Mode of Colon Cancer Detection and Stage at Diagnosis: Interactions with Age at Diagnosis and Implications for Screening*
Garth Rauscher
- 501 *Radon and Lung Cancer. Preliminary Results of a Cohort Study in a Spanish Radon Prone Area*
Alberto Ruano-Ravina
- 502 *Residential Radon and Lung Cancer in Never Smokers. Preliminary Results of the Lung Cancer Risk Factors in Never Smokers (LCRINS) Study*
Alberto Ruano-Ravina
- CARDIOVASCULAR**
- 503-S *Criterion Validity of the NTproBNP in Patients with Severe Dyspnea with Uncertain Diagnosis of Acute Heart Failure*
Wilson Canon-Montanez
- 504-S *Birth Weight and Adult Cardiovascular Risk Factors using Multiple Birth Status in the 1958 Birth Cohort as an Instrumental Variable*
Man Ki Kwok
- 505-S *Birth Weight, Infant Growth and Adolescent Blood Pressure using Twin Status as an Instrumental Variable in a Chinese Birth Cohort: "Children of 1997"*
Man Ki Kwok
- 506-S *Warfarin Anticoagulation Therapy and Mortality Following Gastrointestinal Hemorrhage in Patients with Atrial Fibrillation in Clinical Care: The ATRIA and ATRIA-CVRN cohorts*
Jeffrey Ashburner
- 507-S *Epigenetics and the Metabolic Syndrome: DNA Methylation of Cardiovascular Disease-Related Genes*
Archana Shrestha
- 508 *Ambient Temperature during Gestation and Cold-Related Ischemic Heart Disease and Stroke Mortality in a Swedish Cohort, 1915 to 2002*
Tim Bruckner
- 509-S *Calcium plus Vitamin D Supplementation and the Risk of Heart Failure: the Calcium and Vitamin D trial of the Women's Health Initiative study*
Macarius M. Donneyong



- 510-S *Height, its Components, and Hematological Coagulability among Older Chinese: The Guangzhou Biobank Cohort Study*
Yi Zhong
- 511-S *Prognostic Value of N-Terminal Pro-Brain Natriuretic Peptid (NT_PROBNP) Trajectories in Patients with Stable Coronary Heart Disease*
Dhayana Dallmeier
- 512-S *Remitted Depressive Symptoms and Subsequent Stroke Risk: Contrasting Marginal Structural Models and Conventional Models*
Paola Gilsanz
- 513 *Vegetarian Dietary Patterns and Cardiovascular Risk Factors among Black Subjects in the AHS-2 Cohort*
Gary Fraser
- 514 *Adipokines, Inflammatory, and Coagulation Factors in Metabolic Syndrome among Rural and Urban Indian Men*
Ananya Roy
- 515-S *Health Behavior, Access to Care, and Attitudes Regarding Emergency Situations and the Use of 911 among REACH MUSC Telestroke Consults*
Angela M. Malek
- 516-S *Predictors of Risk and Protection for Hypertension in Yup'ik People from Southwest Alaska*
Eric Roberts
- 517 *Combined Low-Risk Dietary and Lifestyle Practice and Risk of Myocardial Infarction in Men*
Agneta Åkesson
- 518-S *The Association between Water Intake and Coronary Heart Disease Mortality: Results from the Adventist Health Study-2*
Abdullah Marghalani
- INFECTION**
- 519 *Forest Fragmentation and the Risk of Babesiosis: Investigating the Landscape Epidemiology of an Emerging Tick-Borne Disease*
Michael Walsh
- 520 *Postlicensure Safety Surveillance for 13-Valent Pneumococcal Conjugate Vaccine*
Hung Fu Tseng
- 521-S *Effect of Vitamin D Supplementation on Antibiotic Use and Upper Respiratory Tract Infection: A Randomized Controlled Trial*
Rachel Neale
- 522-S *Impact of El Nino Southern Oscillation on Infectious Disease Hospitalization Risk in the United States, and Implications for Climate Change*
Sandy Bae
- 523-S *Helicobacter Pylori Exposure and the Risk of Nephropathy in the U.S. Population, NHANES 1999-2000*
Helen Meier
- 524-S *The Impact of Prison Inmate Movement on Methicillin-Resistant Staphylococcus Aureus Transmission in the New York State Correctional System*
Carolyn Herzig
- 525-S *Withdrawn*
- 526-S *Examining the Role of Hand Contamination and Asymptomatic Colonization in the Transmission of Healthcare-Associated Infections*
Eric Lofgren
- 527 *Spatial Epidemiology of HIV-Hepatitis Co-Infection in the State of Michigan*
Zahid Butt
- 528 *Persistent Pathogens and Incidence of Elevated Depressive Symptoms among a Longitudinal Cohort of Elderly Latinos*
Amanda Simanek
- 529-S *Association between Unprotected UV Exposure and Ocular Herpes Simplex Virus Recurrence*
Christina Ludema
- 530-S *The Duration of Effects of Antibiotic Exposures on the Risk of Clostridium Difficile Infection (CDI): A Cohort Study*
Kevin Brown
- 531 *A Social Network Intervention for Reducing Influenza-Like Illness Transmission: The eX-FLU Cluster Randomized Trial*
Allison E. Aiello



- 532 *A Mathematical Model for Herd Immunity against Influenza in Long-Term Care Facilities in New Mexico*
Aaron Wendelboe
- 533 *Prevalence of H. pylori Infection in a Portuguese Sample of Adolescents*
Carlos Pereira
- METHODS**
- 534 *Mediation by Structural Equation Modeling or Causal Inference: What is the Difference?*
Bianca De Stavola
- 535 *The Validity and Efficiency of the Common Effect Test for Subtype Analysis in Case-Case Studies*
Molin Wang
- 536 *Withdrawn*
- 537-S *The Optimal Method for Measuring Secondhand Smoke Exposure among Chinese Pregnant Women*
Chuanbo Xie
- 538 *From Exposures to Interventions: An Example in Pregnancy and Response to HIV Therapy*
Daniel Westreich
- 539 *A Comparison of Propensity Score and Multivariable Adjustment Methods in a Real-World Comparative Effectiveness Study of Glaucoma Treatments (RiGOR)*
Jaclyn L.F. Bosco
- 540-S *Comparison and Meta-Analysis of Results from Randomized and Non-randomized Studies in Epidemiologic Research*
Elizabeth Yanik
- 541-S *Comparison of G-Methods to Control Time-Varying Confounding in a Cohort of Bone Marrow Transplant Patients*
Alexander Keil
- 542 *Understanding the Contribution of Environmental Exposures to Scholastic Achievement*
Sheryl Magzamen
- 543-S *Recent Developments in Causal Mediation Analysis with Multiple Mediators: Bridging Theory and Practice*
Rhian Daniel
- 544-S *Evidence of Free Sample Use among New Users of Branded Statins: Implications for Pharmacoepidemiology*
Xiaojuan Li
- 545-S *Use of Marginal Structural Models Accounting for Complex Exposure History in Assessing the Effect of Pregnancy on Adherence to HAART*
Cassidy Henegar
- 546-S *Use of Box-Cox Power Exponential and Box-Cox-Cole-Green Distributions to Generate Standard Normal Scores on the Bayley Scales of Infant Development-III for a Cohort of Malawian Children*
Elizabeth Cromwell
- 547 *Subjective Social Status: Reliability of the MacArthur Scale in Brazilian Longitudinal Study of Adult Health (ELSA-Brasil)*
Luana Giatti
- 548 *Broadening the Case Definition of Gulf War Illness Obscures Research Findings: Dire Implications of the New IOM Recommendation*
Robert Haley
- 549-S *Adaptive Pair-Matching in the SEARCH Trial: Consequences for Design Efficiency, Estimation and Inference*
Laura Balzer
- 550-S *Associations between Insufficient Sleep, Health-Related Quality of Life, and Life Satisfaction, among Adults with Asthma: A Mediation Model Approach.*
Lauren Drinkard
- NUTRITION**
- 551 *Seafood Consumption among Pregnant Women and Non-Pregnant Women of Childbearing Age in the United States, NHANES 1999-2010*
Hilda Razzaghi
- 552 *The Methylmalonic Acid (MMA) Concentration Overestimates the Prevalence of Vitamin B12 Deficiency in Seniors*
Martha Savaria Morris



- 553 *Racial/Ethnic Differences in Dietary Patterns in Adolescents: Findings from EAT 2010*
Gretchen Cutler
- 554 *Dietary Total Protein Related to Cancer Mortality and Cancers of Digestive Organs Mortality in Bangladeshi Adults: The Health Effects of Arsenic Longitudinal Study (HEALS)*
Maria Argos
- 555 *An Improved Statistical Method to Estimate Usual Intake Distribution of Nutrients by Age Group*
Hiroshi Yokomichi
- 556-S *Omega-3 Fatty Acids and Rheumatoid Arthritis-Related Autoantibodies in a Population at Increased Risk for Rheumatoid Arthritis*
Ryan W. Gan
- 557-S *Low Docosahexaenoic Acid (DHA) Intake and Significant Maternal DHA Depletion in the 3rd Trimester of Pregnancy*
Jin-Ping Zhao
- 558-S *Relation of Dietary Fat Intake to Peripheral Leukocyte Telomere Length in Postmenopausal Women*
Yan Song
- 559-S *Intakes of Dietary Flavonoids and Thyroid Cancer Risk in a Large Prospective Study*
Qian Xiao
- 560-S *Major Dietary Patterns and Carotid Intima-Media Thickness in Bangladesh*
Tyler R. McClintock
- 561-S *Relationship of Serum Carotenoid Concentrations with Allostatic Load among Middle Aged Adults in the United States: The Third National Health and Nutrition Examination Survey (NHANES III)*
Natalya Rosenberg
- 562 *Individual and Neighborhood-Level Poverty, Segregation and Diet: Findings from a Population-Based Survey of NYC Adults*
Stella Yi
- 563 *Trends in Meat Intake over 17 years in Relation to Diabetes, Weight Gain, and Weight Loss*
Pramil Singh
- 564 *Dietary N-6 Polyunsaturated Fat, Carbohydrate-to-Protein Ratio, and Change in Body Weight and Waist Circumference: A Follow-up Study*
M.U. Jakobsen
- 565-S *Lean Fish and Seafood Consumption Does Not Prevent Increases in Body Weight, Waist Circumference and Percentage of Body Fat*
Lujing Zhan
- 566-S *Racial Differences in Plasma Levels of Total and Free 25-Hydroxyvitamin D and Vitamin D Binding Protein*
Tianyi Huang
- 567-S *Index-Based Dietary Patterns and Risk of Head and Neck Cancer in the NIH-AARP Diet and Health Study*
Wen-Qing Li
- 568-S *Food Consumption Patterns of Vegetarians and Non Vegetarians in Adventist Health Study 2*
Michael Orlich
- 569-S *Multivitamin Use and Cardiovascular Disease in a Prospective Study of Women*
Susanne Rautiainen
- 570-S *Association between Breastfeeding and Infant Growth: A Probable Reverse Causality*
Shraddha Vyas
- PERINATAL/REPRODUCTIVE**
- 571-S *Triggers of Spontaneous Preterm Delivery: Why Did It Happen Today?*
Caroline E. Boeke
- 572 *Adjusting for a Collider Can Be a Sin Worth Committing: An Example from Reproductive Perinatal Epidemiology*
Olga Basso
- 573-S *Appetite, Dietary Intake, and Gestational Weight Gain*
Fu-Ying Tian
- 574-S *Menstrual Cycle Characteristics in Relation to Plasma Steroid Hormone, Prolactin, and Growth Factor Concentrations in Premenopausal Women*
Fan Mu
- 575-S *The Association between Late Preterm and Early Term Birth and Neonatal Intensive Care Unit Triage/Admission: The Role of the Biological Determinants of Early Delivery*
Hilary K. Brown



- 576 *Breastfeeding and Long-Term Maternal Weight Gain in a Prospective Cohort of African American Women*
Julie Palmer
- 577-S *Infertility Treatment and Postpartum Depressive Symptoms in Massachusetts*
Sarah Stone
- 578-S *Spatial Analysis of Gastroschisis in Texas and Massachusetts*
Mahsa M. Yazdy
- 579 *Demographic, Behavioral, and Reproductive History Differences by Maternal Working Status before and during Pregnancy: Implications for Reproductive Studies*
C.M. Rocheleau
- 580 *The Role of Pre-Pregnancy Body Mass Index and Gestational Weight Gain in Prenatal and Postpartum Depression*
Karen Ertel
- 581-S *Reliability of Mother's Reports of Age at Weaning: Evidence of Recall Bias using Data from the Oregon Pregnancy Risk Assessment Monitoring System (PRAMS) and PRAMS-2*
Marit Bovbjerg
- 582-S *Early Pregnancy Maternal Dietary Fish Intake and Pregnancy Complications: The Omega Study*
April Wicks
- 583-S *Risk of Neonatal Morbidity among Infants Born to Refugee and Non-Refugee Immigrant Women in Ontario, Canada*
Susitha Wanigaratne
- 584-S *Health Behaviors of Inactive Pregnant Women at High Risk for Gestational Diabetes Mellitus*
Carrie Nobles
- 585 *Agreement of Self-Reported Migraine with International Classification of Headache Disorders-II Diagnostic Criteria in a Cohort of Pregnant Women*
Chunfang Qiu
- 586 *Prevalence and Correlates of Migraine in a Cohort of Pregnant Women in the US*
Ihunnaya Frederick
- 587-S *Maternal Pre-Pregnancy Smoking and Risk of Spontaneous Abortion*
Audrey Gaskins
- 588-S *Labor Abnormalities, Birth Depression, and Signs of Brain Injury in the Pathway towards Cerebral Palsy in Term Births: A Matched Case-Control Study in Michigan*
Qing Li
- 589-S *An Ecologic Level Examination of the Relationship between Dengue and Poor Birth Outcomes using Time-Series Methods*
Eleanor Friedman
- 590-S *The Importance of Adjusting for Seasonality when Examining Birth Data over Time*
Eleanor Friedman
- 591-S *The Contribution of Attenuated Selection in Utero to Small-for-Gestational-Age (SGA) Birth among Term African American Male Infants*
Deborah Karasek
- 592-S *The Causal Effect of Red Blood Cell Folate on Genome-Wide Methylation in Cord Blood: A Mendelian Randomization Approach*
Alexandra M. Binder
- 593-S *The Impact of Serum Anti-Müllerian Hormone on Follicular Phase Length in Premenopausal Women*
Kerri Kissell
- 594-S *Excessive Gestational Weight Gain Is Linked to Mid-Life Obesity*
Jeremy Coyle
- 595-S *Diagnosis of Amniotic Fluid Infection Prior to Cerclage Using Glucose and Gram Stain: An Individual Patient Meta-analysis*
Yasser Sabr
- 596-S *Modeling the Circadian Rhythm of Preterm Labor Onset and Preterm Premature Rupture of Membrane in a Sample of Peruvian Women*
Miguel Angel Luque Fernandez



RESPIRATORY

- 597-S *Non-Invasive Ventilation (NIV) and Mortality in Patients with a First-Time Acute Admission for a COPD Exacerbation: A Nationwide Study*
Sandra Soegaard Toettenborg
- 598 *Income as an Effect Modifier in the Relationship between Smoke-Free Car Rules and Childhood Asthma*
Kimberly Nguyen, MS, MPH
- 599 *Ratio of Controller-to-Total Asthma Medications in Indiana's Medicaid Population*
Amy Brandt
- 600 *Experiences of Racism and Asthma Incidence in African American Women*
Jeffrey Yu
- 601 *Heterogeneity in Social Contact among School-Age Children and Implications for Influenza Transmission*
Molly Leecaster
- 602-S *Underutilization of Spirometry in Adults Diagnosed with Chronic Obstructive Pulmonary Disease: Who to Target for Improved Clinical Management?*
Dana Mowls
- 605-S *Paradox Lost: The Hispanic Infant Mortality Paradox over the Past Two Decades*
Abdulrahman El-Sayed

SOCIAL

- 604-S *The Anatomy of Racial Disparities in Infant Mortality by Specific Causes of Death*
Abdulrahman El-Sayed
- 603 *Relationship of Maternal Serum Levels of Antioxidants with Asthma in Children in the United States*
Kamal Eldeirawi
- 606-S *Estimating Health-Selective Migration in Patients with Rheumatoid Arthritis Using Administrative Data*
Jeremy Labrecque
- 607-S *Does Educational Attainment Narrow Social Inequalities in Mortality After Stroke? Comparing Educational Inequalities in Stroke-Free and Post-Stroke Populations*
Jessica Daniel
- 608 *Social Capital and Sleep Disturbances: Does the Workplace Matter?*
Tuula Oksanen
- 609-S *The "Missing Level" Problem in Multilevel Studies: Evidence that Cross-Classified Multilevel Models are Preferred to Traditional Multilevel Models*
Erin Dunn
- 610 *Socioeconomic Status and Trajectory of Obesity from Birth to Childhood: The Early Childhood Longitudinal Study-Birth Cohort*
Jessica Jones-Smith
- 611-S *Does Income Inequality Get under the Skin? Depression, Anxiety and Mental Disorders in Sao Paulo, Brazil*
Alexandre Chiavegatto Filho
- 612-S *Persistent Spatial Clustering of Cervical Cancer Incidence in Ohio: A Multilevel and Spatial Approach*
Jesse Plascak
- 613 *Economic Conditions and Health Behaviors during the "Great Recession"*
Sam Harper
- 614 *Youth Who Engage in First Time Sex under the Influence: Sexual Values and Social Pressures*
Lilian Ghandour
- 615 *John Henryism, Immigration, Acculturation and Risk of Hypertension among Hispanics: Findings from the WICER Study*
Bernadette Boden-Albala
- 616-S *The Impact of Residential Rehabilitation on Injection Drug use in Baltimore, Maryland, 2000-2011*
Sabriya Linton
- 617 *Social Disparities in Self-Reported Sleep Habits in a Population-Based Sample*
Elizabeth Suarez
- 618 *Interpersonal Discrimination and Depressive Symptomatology: Examination of Several Personality-Related Traits as Confounders in a Cross Sectional Study of Racial/Ethnic Heterogeneous Adults*
Haslyn Hunte



5:00 – 6:30 pm

Poster Session 3B

Statler

ENVIRONMENTAL

- 619 *Cord Blood Lead and Manganese and Neonatal Behavior*
Sharon Sagiv
- 620-S *Association between Exposure to Lead in Soils and Preterm Birth in Medicaid Women in South Carolina*
Harley Davis
- 621-S *A Longitudinal Study of Fine Particulates and Risk of Preterm Birth in Connecticut 2000-2006*
Gavin Pereira
- 622 *Exposure to Ambient Course Particulate Matter by Gestational Period and Autism Spectrum Disorders in North Carolina and California*
Amy E. Kalkbrenner
- 623-S *A Repeated-Measures Study of Recreational Water Exposure, Non-Point Source Pollution, and Risk of Illness*
Cynthia J. Lin
- 624 *County-Level Environmental Quality and Associations with Individual- and County-level Preterm Birth*
Lynne Messer
- 625-S *Using Probabilistic Bias Analysis to Assess Possible Selection Bias in a Case-Control Study*
Xin Cui
- 626 *The Effect of Atmospheric Particulate Matter on Survival of Breast Cancer among U.S. Females*
Xiaohui Xu
- 627 *Gastrointestinal Symptoms among Swimmers Following Rain Events at a Beach Impacted by Urban Runoff*
Timothy J. Wade
- 628 *Early Childhood Lead Exposure and Educational Outcomes: Application of Causal Inference Models*
Sheryl Magzamen
- 629 *Household Organophosphorus Pesticide Use and Parkinson's Disease*
Beate Ritz
- 630-S *Solar UV Radiation and Childhood Cancer*
Christina Lombardi
- 631 *Dietary Exposure to Polychlorinated Biphenyls and Risk of Myocardial Infarction in Women – A Population-Based Prospective Cohort Study*
Agneta Åkesson
- 632 *The Impact of Neighborhood Traffic Density and Deprivation on Lung Function among Children with Asthma*
Sara L. Gale
- 633-S *Integrating Air Pollution Exposure with a Model of Socioeconomic Vulnerability and Birth Outcomes*
Ayaz Hyder
- 634-S *Using Satellite- and Monitor-Based Data to Assess the Relationship between PM2.5 Exposure and Birth Outcomes in Connecticut and Massachusetts (2000-2006)*
Ayaz Hyder
- 635 *Comparison of Prospectively and Retrospectively Assessed Caffeine Consumption in a Pre-Conception Cohort*
Christina A. Porucznik

HISTORY

- 636 *Hume, Mill, Hill, and the Sui Generis Epidemiologic Approach to Causal Inference*
Alfredo Morabia
- 637 *Clinical Trials in Pediatric Oncology: The National Cancer Institute Leukemia Research Program, 1948-1962*
Robin Rohrer

HEALTH SERVICES

- 638-S *Trends and Socioeconomic and Racial/Ethnic Disparities in Zoster Vaccination in a U.S. Managed Care Organization*
Rulin Hechter
- 639 *Has Massachusetts Health Care Reform Worked for the Working Poor?*
Liane Tinsley
- 640 *Nocturia, Prescription Medication Use and Health Care Utilization: Results from the National Health and Nutrition Examination Survey*
Varant Kupelian

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- 641 *Non-Steroidal Anti-Inflammatory Medication Use and Development of Lower Urinary Tract Symptoms in Men and Women. Longitudinal Results from the Boston Area Community Health (BACH) Survey*
Varant Kupelian
- 642-S *Factors Influencing Physician Antimicrobial Prescribing at Outpatient Facilities Associated with Boston Medical Center*
Jake Morgan
- 643 *Provider Quality Reporting and Individual Receipt of Health Care Services: Evidence from the Survey of the Health of Wisconsin*
Kristen Malecki
- 644 *Disparities in Receipt of Needed Dental Care and Oral Health: Evidence from the Survey of the Health of Wisconsin*
Kristen Malecki
- 645 *Alternative Health Practices During the Perinatal Period: What Can Current Data Tell Us?*
Pamela Jo Johnson
- 646-S *Guideline Appropriate Receipt of the Influenza Vaccine among Pregnant Women in the U.S.*
Lauren Wisk
- 647-S *Withdrawn*
- 648 *What Does the Massachusetts Experience Tell Us about the Potential Impact of the Affordable Care Act on the Use of Clinical Preventive Services?*
Catherine Okoro
- 649-S *Policy Impact on Employment of Dental Hygienists in Nursing Homes in Japan*
Kanade Ito
- 650-S *Patient Evaluation about Healthcare Quality in Health Center*
Cláudia Chaves
- 651-S *Prevalence of Fissure Sealants in a Portuguese Sample of Adolescents*
Nelio Veiga
- 652-S *A Case-Control Study of Class- and Assignment-Schedules as Factors Affecting University Student Blood Donation in Grenada, West Indies*
Sarah N. Hewitt
- 653 *Comorbidities and Medication use in Lupus Nephritis Patients - A Comparison of Result across Case Identification Algorithms*
Kathleen McCarty
- GLOBAL HEALTH**
- 654 *Effects of Childhood and Adolescent Blood Lead Levels on Behavioral Outcomes in Montevideo, Uruguay*
Kathleen M. McCarty
- 655-S *Association between Hypertension and Dietary Patterns in an Urban Community of Nepal*
Archana Shrestha
- 656-S *Weight Status, Morbidity, and Incident Disability among Middle Aged Filipino Women*
Benjamin Capistrant
- 657-S *Racial Disparities in Life Expectancy in Brazil: Causes and Implications for a Multiracial Future*
Alexandre Chiavegatto Filho
- 658-S *Predictors of Losses to Follow-Up (LTFU) and a Return to Care in an Antiretroviral Therapy (ART) programme in Zomba, Malawi*
Beth Rachlis
- 659-S *Socioeconomic Patterning of Hypertension in Grenada*
Eric Roberts
- 660-S *The Effect of a Delivery Fee Exemption Policy on Socioeconomic Inequalities in Health Facility Deliveries: A Difference-in-Differences Analysis from Five West African Countries*
Britt McKinnon
- 661 *Sleep Problems in Relation to Kidney Disease among Sub Saharan Africans*
Bizu Gelaye



MEN'S HEALTH

- 662 *The Effects of Race, Ethnicity and Mood/Anxiety Disorders on the Chronic Physical Health Conditions of Men from a National Sample*
Vicki Johnson-Lawrence
- 663 *Population-Based Patterns of Testosterone Use, 1976-2008*
Susan Hall
- 664 *Common Prescription Medication Use and Erectile Dysfunction. Results from the Boston Area Community Health (BACH) Survey.*
Susan Hall
- 665 *Association of Microvascular Endothelial Dysfunction and Erectile Dysfunction.*
Rachael Gerber
- 666 *Testosterone Therapy and Cardiovascular Events among Men: A Systematic Review and Meta-Analysis of Placebo-Controlled Randomized Trials*
C. Mary Schooling
- 667 *Androgen Activity and Ischemic Heart Disease among Men in NHANES III*
C. Mary Schooling
- 668-S *Meat Intake and Semen Quality among Physically Active Young Men*
Myriam Afeiche
- 669-S *Correlates of Past Year Dental Health Visits among Black Men: From the Black Men's Health Study of Indiana*
Shauna Stapleton
- 670-S *The Association of Metabolic Syndrome and its Components with Lower Urinary Tract Symptoms in Korean Men*
Soriul Kim
- 671-S *Examining the Association of Everyday Discrimination and Depressive Symptoms in Black Men: The Social Support Factor*
Angelitta Britt

RENAL

- 672 *The Illness-Death Model to Study Progression of Chronic Kidney Disease*
Karen Leffondre
- 673 *A Latent Class Linear Mixed Model to Investigate Trajectories of Kidney Function Decline*
Karen Leffondre
- 674-S *Characteristics of Neighborhoods in which Dialysis Facilities Reside May Predict Facility Standardized Kidney Transplant Ratios*
Laura Plantinga
- 675 *The Kidney Donor Risk Index and Survival Benefit of Deceased Donor Transplantation*
Allan Massie
- 676 *Long-Term Risk of ESRD Attributable to Live Kidney Donation: Matching with Healthy Non-Donors*
Allan Massie

SUBSTANCE USE

- 677-S *Systematic Differences among Alcohol Users: Do They Apply in Non-Western Populations? Evidence from the Guangzhou Biobank Cohort Study*
Shiu Lun Au Yeung
- 679-S *Using Prescription Drug Monitoring Data to Predict Prescription Opioid Misuse*
Deysia Levin
- 678 *Evaluating the Effects of the Introduction of Off-Sale Alcohol Outlets on Violent Crime*
Daikwon Han
- 680 *State Variation in Underreporting of Alcohol Involvement on Death Certificates: Motor Vehicle Traffic Crash Fatalities as an Example*
I-Jen Castle
- 681 *Moved to poster session 1A*
- 682 *Gender Differences in Effect of Reduction in Alcohol Use on HIV Risk Behavior in Tomsk, Russian Federation*
Ann C. Miller



- 683-S *Social Participation and Drug Use in a Cohort of Brazilian Sex Workers*
Hannah Leslie
- 684-S *DSM-V Nicotine use Disorder Symptom Profiles in a Representative Sample of the Largest Metropolitan Area in South America*
João Mauricio Castaldelli-Maia
- 685-S *The Utility of the ASSIST in Identifying the Need for Substance Use Interventions among an Injured Emergency Department Population*
Valerie Strezsak
- 686-S *Influences of Neighborhood Socioeconomic Characteristics and Alcohol Availability on Drinking: Results from the Multi-Ethnic Study of Atherosclerosis (MESA)*
Allison Brenner
- 687 *Different Patterns of Association between Adult Smoking Status and Smoke-Free Home Rules in Texas' Border and Non-Border Counties*
Oladimeji Akinboro
- 688 *The Relationship between Perceived Discrimination and Therapeutic and Illicit Drug Misuse in Chicago, IL*
Haslyn Hunte

6:00 – 7:00 pm

SER Member Business Meeting

Arlington



7:00 – 8:00 am	Continental Breakfast	Mezzanine
7:00 – 7:50 am	Student and Postdoctoral Committee Membership meeting - All SPC members welcome to attend	Fairfield
7:30 am – 1:00 pm	Registration	
8:00 – 9:30 am	PLENARY 4: CAUSAL INFERENCE: WHY BOTHER? SESSION CHAIR: Jennifer Ahern	Imperial
	Panelists: <ul style="list-style-type: none"> • Magdalena Cerdá, Columbia University • Maria Glymour, University of California, San Francisco • Maya Peterson, University of California, Berkeley 	
	All Poster Winners announced	
9:30 am – 10:00 am	Morning Break	Mezzanine
10:00 – 11:30 am	Symposia 3	
689	BEYOND INTENTION-TO-TREAT: A DEEPER UNDERSTANDING OF ADHERENCE-BASED ANALYSES SESSION CHAIR: Jay Kaufman <i>Causal Approach to Adherence-Based Analysis: Is it Really New?</i> Ian Shrier <i>Principal Stratification for Adherence-Based Analyses: A New Birthday Suit for the Emperor?</i> Russell J. Steele <i>Implications When the Assumptions Fail: What Does It All Mean?</i> Tyler VanderWeele	Arlington
690	NEW METHODS FOR AN OLD EPIDEMIOLOGIC PROBLEM: AGE, PERIOD, AND COHORTS EFFECTS SESSION CHAIRS: Whitney Robinson and Katherine Keyes <i>A Potential-Outcomes Causal Framework for Age-Period-Cohort Analysis</i> Etsuji Suzuki <i>Hierarchical Age-Period-Cohort Models: Overcoming the Limitations of Conventional Linear Models</i> Yang Yang <i>A Life Course Approach to Age-Period-Cohort Methods</i> Whitney Robinson <i>Discussant</i> Theodore R. Holford	Plaza
691	OLD STUDIES, NEW QUESTIONS: MAXIMIZING THE UTILITY OF EXISTING DATA AND THE BIASES THAT CAN RESULT SESSION CHAIR: Polly Newcomb <i>Expanding a Cohort Study: Adding Family Members and Body Parts!</i> Sue Hankinson <i>New Insights from Mature Studies: The Modern Epidemiology Consortium</i> Patricia Hartge <i>Changing Perspective: Turning a Retrospective Study into a Prospective Cohort</i> Amanda Phipps <i>Using External Validation Studies to Quantify the Magnitude of Confounding by an Unmeasured Covariate</i> Til Sturmer	Berkeley



692 **RECORDING NATURE'S ANSWERS: MEASUREMENT BIAS IN EPIDEMIOLOGY** Terrace
SESSION CHAIRS: Jessie Edwards and Elizabeth Ogburn

Analytic Results on Bias Due to Nondifferential Misclassification
Elizabeth Ogburn
Methods to Account for Misclassification of Cause-Specific Mortality
Jessie Edwards
Bayesian Adjustment for Exposure Misclassification
Paul Gustafson

Discussant
Enrique Schisterman

693 **TEACHING INTRODUCTORY EPIDEMIOLOGY: NECESSARY SIMPLIFICATIONS VS. PERPETUATING MYTHS** Imperial
SESSION CHAIRS: Penelope Howards and Tim Lash

Perspectives on Teaching Retrospective and Prospective Designs
Timothy L Lash
How to Teach Case-Control Studies in Introductory Courses, Without Any Reference to the Rare Disease Assumption
Jan P. Vandenbroucke
Risk: The Abridged and Unabridged Versions
Miguel A Hernán

Discussant
Daniel R. Brooks

11:30 am – 12:00 noon

Break

12:00 – 1:00 pm

Professional Development Sessions

ASK ME ANYTHING: LEADING EPIDEMIOLOGISTS ANSWER YOUR QUESTIONS
SESSION CHAIR: Sandro Galea, Columbia University

Plaza

Panelists:

- Beate Ritz, UCLA
- Ichiro Kawachi, Harvard University
- Stephen Buka, Boston University

MENTORING ACROSS THE LIFECOURSE

Arlington

Discussants:

- Noel Weiss, University of Washington
- Michelle Williams, Harvard School of Public Health
- Stephen Buka, Boston University

NEGOTIATING AN OFFER

Berkeley

SESSION CHAIR: Germaine Louis Buck

Panelists:

- John Acquavella, Amgen
- JoAnn Manson, Boston University
- Andrew Olshan, UNC Chapel Hill

1:00 pm

Meeting Adjourned. See you in Seattle, Washington!

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Tuesday, June 18

7:00pm-9:00pm
7:00pm-8:30pm
7:00pm-8:30pm

Welcome Reception
Poster Session 1A
Poster Session 1B

Room Location

Mezzanine
Georgian
Statler

Wednesday, June 19

7:00am-7:50am
7:00am-8:00am
8:00am-9:30am

9:30am-10:00am

10:00am-11:30am

11:30am-1:30pm
12:00pm-1:00pm
12:00pm-1:00pm
1:30pm-3:00pm

3:00pm-3:30pm
3:30pm-5:00pm

5:00pm-6:30pm

7:00pm

Meet the Experts — Pick up tickets at registration desk
Continental Breakfast
Plenary Session 1
Keynote—Ensuring Relevance for Epidemiology in a Changing World— Dr. Thomas Frieden
President's Address—Dr. Sandro Galea
Break
Poster Viewing Continued
Concurrent Contributed Session 1
Methods in Perinatal Epidemiology
Cardiovascular Epidemiology
Prenatal Exposures and Outcomes over the Lifecourse
Substance Use across Time, Space, and Generation
Occupation
SERDigital—Student Methods Web Conference Award Winners
Lunch (on your own)
ESI Session: Building a National Reputation
Roundtables — Pick up tickets at registration desk
Plenary Session 2
Training Epidemiologists: Looking to the Future
Coffee Break
Symposia 1
Visionary Epidemiology (sponsored by EPIDEMIOLOGY)
Innovations in Neighborhood Research: Where Do We Go from Here?
Vitamin D for Prevention of Cardiovascular Disease, Cancer and other Chronic Diseases
Innovative Design and Analysis Issues in Fetal Growth Studies
Racial Disparities in Cancer: From the Molecular to the Macro-environment
Methodological Issues in Psychiatric Epidemiology
Poster Session 2A and Reception
Poster Session 2B and Reception
Alumni Reunions

See ticket
Mezzanine
Imperial

Mezzanine

Imperial
Plaza
Terrace
Arlington
Berkeley
Clarendon

Imperial
See ticket
Imperial

Mezzanine

Imperial
Plaza
Terrace
Arlington
Berkeley
Clarendon
Georgian
Statler
Check Message Board

Thursday, June 20

7:00am-7:50am
7:00am-8:00am
8:00am-9:40am

9:40am-10:00am

Meet the Experts—Pick up tickets at Registration Desk
Continental Breakfast
Plenary Session 3
Lilienfeld Student Presentation
Beyond Cells to Society:
New Directions in SER
Break
Poster Viewing Continued

See ticket
Mezzanine
Imperial

At-a-Glance



**Society for
Epidemiologic
Research**

Thursday, June 20

10:00am—11:30am

Symposia 2

Surviving Competing Risks

What Is the Role of Epidemiology in the Era of Molecular Biology and Genomics

Health of Indigenous Peoples

Statistical Methods in Lifecourse Epidemiology

Moving from Why to How

Lunch (on your own)

Life of Postdoc and Junior Faculty

Meet the AJE Editors (sponsored by AJE)

Roundtables — Pick up tickets at registration desk

Concurrent Contributed Sessions 2

On the Analysis of Mediation in Social Epidemiology

Obesity Research

Cancer in Women

Psychosocial Status across the Reproductive Life Cycle

Advances in Suicide Epidemiology

Estimating the Burden of Influenza

Break

Concurrent Contributed Session 3

Contributions to Causal Inference

Environmental Epidemiology

Toward a Definite, Coherent Heterogeneity

Latebreaker Session

Female Infertility

Emerging Issues in Birth Defects and Developmental Disorders

Poster Session 3A and Reception

Poster Session 3B and Reception

SER Business Meeting

Room Locations

Imperial

Plaza

Terrace

Arlington

Berkeley

Arlington

Berkeley

See ticket

Imperial

Plaza

Terrace

Arlington

Berkeley

Clarendon

Mezzanine

Imperial

Plaza

Terrace

Arlington

Berkeley

Clarendon

Georgian

Statler

Arlington

11:30am—1:30pm

12:00pm—1:00pm

12:00pm—1:00pm

12:00pm—1:00pm

1:30pm—3:00pm

3:00pm—3:30pm

3:30pm—5:00pm

5:00pm—6:30pm

5:00pm—6:30pm

6:30pm—7:00pm

Friday, June 21

7:00am—8:00am

7:00am—7:50am

8:00am—9:30am

9:30am—10:00am

10:00am—11:30am

Continental Breakfast

Student and Postdoctoral Committee Membership meeting

Plenary 4

Causal Inference: Why Bother?

Break

Symposia 3

Teaching Introductory Epidemiology

New Methods for an Old Epidemiologic Problem

Recording Nature's Answers

Beyond Intention-to-Treat

Old Studies, New Questions

Break

Professional Development Sessions

Ask Me Anything!

Mentoring across the Lifecourse

Negotiating an Offer

Meeting Adjourned— See you in Seattle!

Mezzanine

Fairfield

Imperial

Mezzanine

Imperial

Plaza

Terrace

Arlington

Berkeley

Plaza

Arlington

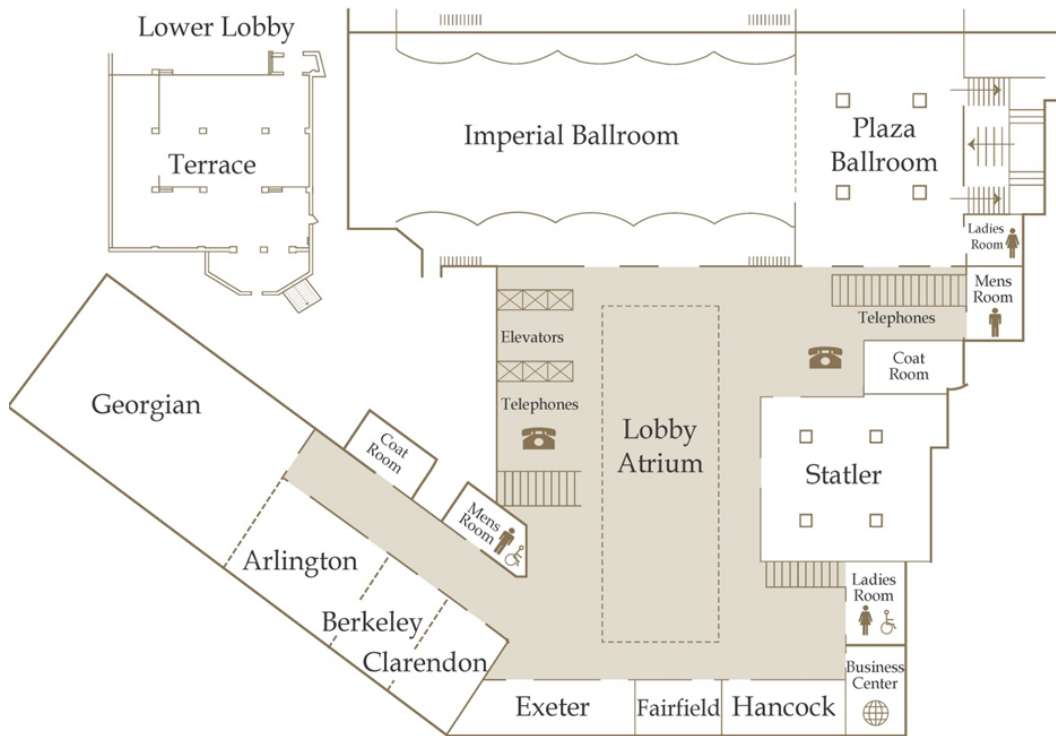
Berkeley

11:30am—12:00pm

12:00pm—1:00pm

1:00pm

Mezzanine Level Second Floor



Conference Rooms Fourth Floor

