Tuesday, June 14, 2022

8:00am - 5:30pm  WORKSHOP REGISTRATION  Chicago Promenade

8:30am - 12:30pm  MORNING WORKSHOPS  (Registration Required)

An Introduction to R for Epidemiologists  
*Steve Mooney*
Causal inference with competing events  
*Jessica Young, Mats Stensrud, and L. Paloma Rojas-Saunero*
Causal mediation analysis  
*Kara Rudolph and Nima Hejazi*
Epidemiological analysis of electronic health records  
*Neal Goldstein and Milena Gianfrancesco*
Outcome-wide Epidemiology and Causal Inference  
*Tyler VanderWeele*
Targeted Learning I: Causal Inference Meets Machine Learning  
*Mark van der Laan and Alan Hubbard*

1:00pm - 5:00pm  AFTERNOON WORKSHOPS  (Registration Required)

Causal inference for multiple time-point (longitudinal) exposures  
*Laura Balzer and Lina Montoya*
Intro to Spatial Analysis & GIS for Spatial Epidemiology in R  
*Marynia Kolak*
Mixed-Methods for Epidemiologists to Improve Causal Inference  
*Lauren Houghton*
Targeted Learning II: Advanced Applications of Causal Inference  
*Mark van der Laan and Alan Hubbard*
Teaching Epidemiology: Designing Inclusive Curriculum for Equitable Classrooms  
*Anjum Hajat, Yvette Cozier, and Greg Cohen*

3:00pm - 8:30pm  SER MEETING REGISTRATION  Chicago Promenade

5:30pm - 7:30pm  EVENING WORKSHOPS  (Registration Required)

Creating maps and animated maps with Stata  
*Chuck Huber*
How to make a picture worth a thousand words: Effectively communicating your research results using statistical graphics  
*Mike Jackson*
An introduction to directed acyclic graphs: What you never wanted but needed to know about bias and didn't even know to ask  
*Ian Shrier*

7:30pm - 8:30pm  POSTER SESSION 1 & RECEPTION (CASH BAR)  Riverwalk B
Wednesday, June 15, 2022

7:00am - 7:45am  SPC - BREAKFAST WITH THE EXPERTS - Pre-Registration Required  
Riverwalk B

6:45am - 8:00am  CONTINENTAL BREAKFAST  
Riverwalk B

7:30am - 5:15pm  REGISTRATION  
Chicago Promenade

8:00am - 9:45am  PLENARY SESSION 1  
Session Chair: Jay Kaufman  
President's Address  
Jennifer Ahern  
Distinguished Service to SER Award  
George Kaplan, University of Michigan  
Plenary Speaker  
Michael Mina  
Plenary Speaker  
Zeynep Tufekci

9:45am - 10:15am  BREAK  
Riverwalk B

10:15am - 11:45am  SYMPOSIA 1  
TIMELESS PERSON-TIME PROBLEMS  
Chairs: Catherine Lesko and Matthew Fox  
Chicago 6

10:15am - 11:45am  WHAT WE THINK ABOUT WHEN WE THINK ABOUT FAIRNESS  
Chair: Mats Stensrud  
Chicago 7

10:15am - 11:45am  THE REAL WORLD: EPIDEMIOLOGY  
Chair: Laura Balzer  
Chicago 8

10:15am - 11:45am  EPIDEMIOLOGIC METHODS TO STUDY VACCINE EFFECTIVENESS IN THE COVID-19 ERA: CHALLENGES AND INNOVATIVE SOLUTIONS  
Chairs: Elizabeth Rogawski McQuade and Anne Mobley Butler  
Chicago 9

10:15am - 11:45am  BRINGING NUTRITIONAL EPIDEMIOLOGY INTO THE ERA OF CAUSAL INFERENCES  
Chairs: Martin Lajous and Deirdre Tobias  
Chicago 10

11:45am - 1:45pm  Lunch (on your own)

LUNCHTIME SESSIONS (Lunch not included)

12:15pm - 1:15pm  PARTNERS IN RESEARCH, NAVIGATING CROSS-SECTOR COLLABORATIONS  
Chair: Christina Ludema  
Chicago 6

12:15pm - 1:15pm  PEER-TO-PEER MENTORSHIP, EARLY CAREER EDITION  
Chair: Jamaica Robinson  
Chicago 7

12:15pm - 1:15pm  CAREER PATHWAYS FOR MASTER’S-LEVEL STUDENTS AND PROFESSIONALS: ACADEMIA, GOVERNMENT, HEALTHCARE, HEALTHCARE TECHNOLOGY, & NON-PROFIT  
Chairs: Susan Diaz and Naimisha Mowa  
Chicago 10

12:15pm - 1:15pm  WHO WANTS TO BE AN EPIDEMIOLOGIST? - 4TH EDITION  
Chair: Ian Shrier  
Chicago 9

12:15pm - 1:15pm  A CELEBRATION OF THE LIFE AND WORK OF JENNIFER KELSEY  
Chair: Diane Lauderdale  
Chicago 8

12:15pm - 1:15pm  EPIDEMIOLOGIC RESEARCH IN MEXICO: STRENGTHENING LOCAL RESEARCH AND ADVANCING GLOBAL PUBLIC HEALTH  
Chairs: Martin Lajous  
Mayfair
12:15pm - 1:15pm  
**SER Student & Faculty Recruitment Fair**  
Missouri

**ORAL ABSTRACT SESSION 1**

1:45pm - 3:15pm  
**Policing and Prison as Determinants of Health Inequities**  
Chair: Justin Feldman  
Chicago 6

1:45pm - 3:15pm  
**Examining Health Disparities through a Structural Racism Lens**  
Chairs: Lia Scott and Jourdyn Lawrence  
Chicago 7

1:45pm - 3:15pm  
**Causal Inference for Policy Evaluations: Methods and Applications**  
Chair: Roch Nianogo and Isabel Fulcher  
Chicago 8

1:45pm - 3:15pm  
**Infectious Disease**  
Chair: Catherine Oldenburg  
Chicago 9

1:45pm - 3:15pm  
**Adverse Pregnancy and Birth Outcomes: A Multifaceted Approach to Examining Risk Factors and Determinants**  
Chair: Timothy Ihongbe  
Chicago 10

1:45pm - 3:15pm  
**Aging: From Proteins to Policy**  
Chairs: Diane Lauderdale and Alvin Thomas  
Mayfair

1:45pm - 3:15pm  
**Environment and Climate Change**  
Chairs: Pam Factor-Litvak and Wei-Jen Chen  
Michigan A

3:15pm - 3:45pm  
**Break**  
Riverwalk B

**ORAL ABSTRACT SESSION 2**

3:45pm - 5:15pm  
**Machine Learning and Epidemiology**  
Chair: Eric Polley  
Chicago 6

3:45pm - 5:15pm  
**The Effects of Historical Redlining and Current Neighborhood (Dis)Investment on Health**  
Chair: Collette Ncube  
Chicago 7

3:45pm - 5:15pm  
**COVID-19 Session**  
Chair: Justin Lewnard  
Chicago 8

3:45pm - 5:15pm  
**Reproductive Health: From Methods to Lifecourse**  
Chairs: Brandie DePaoli Taylor and Christine Langton  
Chicago 9

3:45pm - 5:15pm  
**Topics in Study Design and Analytical Methods**  
Chair: Kazuki Yoshida  
Chicago 10

3:45pm - 5:15pm  
**Opioid Epidemic: Temporal, Geographic, and Sociodemographic Trends and Advances in Measurement**  
Chair: Jennifer Fonda  
Mayfair

3:45pm - 5:15pm  
**Cancer**  
Chairs: Erin Aiello Bowles and Ami Sedani  
Michigan A

**ORAL ABSTRACT SPEED SESSIONS**

5:30pm - 6:00pm  
**Vulnerable Populations and Non-Infection Harms Related to Uncontrolled COVID-19**  
Chair: Joanna Merckx  
Chicago 8

5:30pm - 6:00pm  
**Association Between the Environment and Health**  
Chair: Marcia P. Jimenez  
Chicago 9

5:30pm - 6:00pm  
**Assorted Topics in Health Disparities**  
Chair: Corinne Riddle  
Chicago 10

5:30pm - 6:00pm  
**Structural & Institutional Contributors to Mental Health**  
Chair: Veronica Pear  
Mayfair

5:30pm - 6:00pm  
**Trends in Substance Use and Substance Use Disorders**  
Chair: María Parker  
Michigan A

6:30pm - 7:30pm  
**Poster Session 2**  
Riverwalk B
Thursday, June 16, 2022

6:45am - 8:00am  CONTINENTAL BREAKFAST  Riverwalk B
7:30am - 5:15pm  REGISTRATION  Chicago Promenade
7:00am - 7:50am  SPEED MENTOR NETWORKING - Pre-Registration Required
8:00am - 9:45am  PLENARY SESSION 2  Chicago 6/7
Session Chair: Jennifer Ahern

Lilienfeld Postdoctoral Prize Paper Award
Alina Schnake-Mahl, Drexel University

Tyrolean Student Prize Paper Award
Julie Petersen, University of Pittsburgh
“Confounder Matrix: A Tool to Assess Confounding Bias in Systematic Reviews of Observational Studies”

Sherman James Diverse & Inclusion Award
Lorraine Dean, Johns Hopkins University

Plenary Speaker
Joseph Graves

9:45am - 10:15am  BREAK AND POSTER VIEWING  Riverwalk B

10:15am - 11:45am  ORAL ABSTRACT SESSION 3  Chicago 6
INDIGENOUS HEALTH
Chairs: Andrew Williams and Amy Stiffarm

HIV AND STIs: METHODOLOGY AND PRACTICAL APPLICATIONS
Chairs: Monique Brown and Daisy Ramirez Ortiz

INTERESTING APPROACHES TO INVESTIGATING INJURIES
Chair: Jennifer Albrecht

SUBSTANCE ABUSE
Chairs: Brian Fairman and Michelle Nolan

ENDOMETRIOSIS, UTERINE FIBROIDS, AND REPRODUCTIVE HORMONES
Chair: Brianna Magnusson

GLOBAL HEALTH
Chair: Fausto Bustos

NOVEL METHODOLOGICAL CONSIDERATIONS AND APPLICATIONS IN NUTRITIONAL AND OBESITY EPIDEMIOLOGY
Chair: Cara Frankenfeld

LUNCHTIME SESSIONS

12:15pm - 1:15pm  AJE-SPONSORED INFECTIOUS DISEASE DISCUSSION PANEL  Chicago 6
Chairs: Betsy Foxman

12:15pm - 1:15pm  GUIDANCE FOR MASTER'S-LEVEL EPIDEMIOLOGISTS CONSIDERING RETURNING TO SCHOOL TO PURSUE DOCTORAL STUDIES  Chicago 10
Chairs: Susan Diaz and Ashley Geczik

12:15pm - 1:15pm  WORDS HAVE MEANING  Mayfair
Chair: Ian Shrier

12:15pm - 1:15pm  INTO THE VOID OR IN THE LIGHT? MASTERING THE ART OF SCIENCE COMMUNICATION  Chicago 9
Chairs: Nicole Austin and Ariel Beccia

12:15pm - 1:15pm  SPC CAREER PANEL  Chicago 7
Chairs: Matthew Mietchen and Rachael Ross
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<tr>
<th>Time</th>
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<tr>
<td>1:45pm - 3:15pm</td>
<td>SYMPOSIUM 2&lt;br&gt;LEADING WITH SCIENCE IN AN AGE OF ANTI-SCIENCE&lt;br&gt;&lt;br&gt;Chair: Lorraine Dean</td>
<td>Chicago 6</td>
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<td>THE NEW EPIDEMIOLOGY OF FUSION DESIGNS&lt;br&gt;&lt;br&gt;Chairs: Stephen R. Cole and Paul N. Zivich</td>
<td>Chicago 7</td>
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<td>WHO DUNNIT? STRATEGIES TO ATTRIBUTE THE INFECTION CAUSE OF DISEASE SYNDROMES WITH MULTIPLE ETIOLOGIES&lt;br&gt;&lt;br&gt;Chair: Elizabeth Rogawski McQuade</td>
<td>Chicago 8</td>
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<td>THE SER DIVERSITY AND INCLUSION SURVEY: FINDINGS FROM THE SECOND-WAVE SURVEY AND NEXT STEPS&lt;br&gt;&lt;br&gt;Chair: David J.X. Gonzalez</td>
<td>Chicago 9</td>
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<td>HOUSING AND HEALTH: CONTEMPORARY ISSUES AND A CALL FOR RESEARCH AND ACTION&lt;br&gt;&lt;br&gt;Chairs: Hoda S. Abdel Magid and Kiarri Kershaw</td>
<td>Chicago 10</td>
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<td>IMPORTANCE OF CONSIDERING DIET WHEN INVESTIGATING ENVIRONMENTAL CHEMICAL EXPOSURES ON HUMAN HEALTH OUTCOMES&lt;br&gt;&lt;br&gt;Chair: Lidia Minguez Alarcon</td>
<td>Mayfair</td>
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<td>3:15pm - 3:45pm</td>
<td>BREAK AND POSTER VIEWING</td>
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<td>3:45pm - 5:15pm</td>
<td>ORAL ABSTRACT SESSION 4&lt;br&gt;Covid-19 Pandemic Session&lt;br&gt;&lt;br&gt;Chair: Michael Mina</td>
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<td>Toxic Childhood Stress and Implications over the Life Course&lt;br&gt;&lt;br&gt;Chair: Michelle Crozier</td>
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<td>Overcoming Gaps: Missing Data and Pooled Analyses&lt;br&gt;&lt;br&gt;Chairs: Chanelle Howe and Yongqi Zhong</td>
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<td>Social Vulnerabilities and Cardiovascular Health and Disease&lt;br&gt;&lt;br&gt;Chair: Gilles Paradis</td>
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<td>Innovative Approaches in Health Services Epidemiology&lt;br&gt;&lt;br&gt;Chair: Pamela Jo Johnson</td>
<td>Chicago 10</td>
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<td>Pharmacoepidemiology&lt;br&gt;&lt;br&gt;Chair: Milena Gianfrancesco</td>
<td>Mayfair</td>
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<td>Occupational Session&lt;br&gt;&lt;br&gt;Chair: Rachel Zeig-Owens</td>
<td>Michigan A</td>
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<td>5:30pm - 6:00pm</td>
<td>SER Business Meeting</td>
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<td>6:30pm - 7:30pm</td>
<td>Poster Session 3 and Reception (Cash Bar)</td>
<td>Riverwalk B</td>
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Friday, June 17, 2022

6:45am - 8:00am CONTINENTAL BREAKFAST
Riverwalk B

8:00am - 9:45am PLENARY SESSION 3
Session Chair: Onyi Arah
Chicago 6/7
Kenneth Rothman, Career Accomplishment Winner
Beate Ritz, University of California, Los Angeles
Carol J. Hogue Mid-Career Award Winner
Whitney Robinson, Duke University
Marshall Joffe Methods Award Winner
Stephen Cole, University of North Carolina
Brian MacMahon Early Career Award Winner
Noel Weiss and Tom Koepsell Excellence in Education Award Winner
Lauren Wise, Boston University

9:45am - 10:15am BREAK AND POSTER VIEWING
Riverwalk B

10:15am-11:45am SYMPOSIA 3
Chicago 6
INCREASING THE IMPACT OF EPIDEMIOLOGIC STUDIES ON POLICY THROUGH CONTRIBUTIONS TO EXPERT COMMITTEE ASSESSMENTS
Chair: David Savitz

Chicago 7
ON TEACHING ADVANCED EPIDEMIOLOGIC METHODS
Chairs: Jessie K. Edwards and Catherine R. Lesko

Chicago 8
WILDFIRES AND SOCIAL VULNERABILITY: JOINT IMPACTS ON HEALTH
Chairs: Marianthi-Anna Kioumourtzoglou and Lucas Henneman

Chicago 9
TRANSFORMING THE FUTURE OF EPIDEMIOLOGIC PRACTICE THROUGH JUSTICE, EQUITY, DIVERSITY, AND INCLUSION (JEDI): PRACTICAL CONSIDERATIONS AND LESSONS LEARNED
Chairs: Hoda S. Abdel Magid and David S. Lopez

Chicago 10
REVISITING THE EPIDEMIOLOGIC TRANSITIONS THEORY 50 YEARS LATER
Chair: Usama Bilal

12:00pm - 1:00pm PROFESSIONAL DEVELOPMENT SESSIONS
Chicago 6
NIA DIVERSITY FUNDING MECHANISMS
Chair: V. Eloesa McSorley

Chicago 8
CREATING A VISION AND ALIGNING YOUR TIME AS A POSTDOC OR EARLY CAREER FACULTY MEMBER
Chair: Cara Frankenfeld

Chicago 7
THE PROFESSIONAL CHALLENGES OF UNEQUAL BURDENS
Chair: Anjum Hajat

1:00pm Meeting Adjourns

See you in Portland, June 13-16, 2023
Cancer Prevention Fellowship Program
Applications accepted May–August for positions starting the following June.

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