



SKILLS COURSES		
Date & Time	Session Type	Session
On Demand	Online Modules	Intermediate Pharmacoepidemiology: Approaches to Unmeasured Confounding Michele Jonsson Funk, Jennifer L. Lund, Sudha Raman, Mugdha Gokhale, Jessica Young, Til Stürmer
On Demand	Online Modules	New frontiers for pharmacoepidemiology: The world beyond claims and EMR <i>Nancy Dreyer, Christina Mack, Nabarun Dasgupta, William Dixon</i>
On Demand	Online Modules	The Pharmacoepidemiologist’s Toolbox for Professional Empowerment Juan M. Hincapie-Castillo

SYMPOSIA/WORKSHOPS	
Date & Time	Session
23 August 2021 (10:00-11:30AM)	Outcome Measurements for External Comparator Arms: New Opportunities for Epidemiology Methods Application and Development <i>Joan Largent, Emily Brouwer, Cynthia Girman, Christen Gray, Michele Jonsson Funk, Robert Glynn.</i>
24 August 2021 (11:45AM - 1:15PM)	Using Real-world External Controls to Support Drug Approval: An Interactive Framework Using Oncology Trial and Real-world Data <i>Laura Hester, Donna Rivera, Jennifer Lund, Asieh Golozar, Kourtney Davis, John Seeger, Leah Sansbury</i>
24 August 2021 (11:45AM - 1:15PM)	Believability of Real-world Evidence (RWE) for Informed Regulatory Decisions <i>Jacinthe Leclerc, Kimberly Brodovicz, Stephen Chang, Magdalene Assimon, Hisashi Urushihara, Cynthia Girman</i>
24 August 2021 (10:00-11:30AM)	Selection Matters: Addressing Biases in Linked Clinico-Genomic Data Sets <i>Katherine Panageas, Kenneth Kehl, Devin Incerti, Til Stürmer</i>

AWARDS	
Award	Presentation/Paper
Best Methods Abstract (student)	Characterizing Imbalance in the Tails of the Propensity Score Distribution Bethany DiPrete, Cynthia J. Girman, Panagiotis Mavros, Alexander Breskin, M. Alan Brookhart
ISPE- PDS Roland D. Mann Award: First Prize	In Utero Opioid Exposure and Risk of Infection in Childhood: A Multinational Nordic Cohort Study <i>Milada Mahic, Sonia Hernandez-Diaz, Mollie Wood, Helle Kieler, Ingvild Odsbu, Metter Norgarrd, Buket Ozturk, Brian Bateman Vidar Hjellvik, Svetlana Skurtveit, Marte Handal</i>

ORAL PRESENTATIONS	
#	Presentation
Plenary	
PLEN-1B	Diversity, Equity, and Inclusion in Pharmacoepidemiology – the Role of Caste in Drug Utilization, Safety, and Therapeutic Risk Management Whitney Robinson, Folakemi Odedina, Macarius Donneyong, John W. Jackson, Juan M. Hincapie-Castillo (moderator)
Drug Utilization Research	
OP-6B	Prevalence of Osteoporosis and Its Treatment Among Women ≥50 in NHANES: 1999-2018 Sophie E. Mayer, Leah J. McGrath, Min Kim, Michele McDermott
L3C1	Analytical Enhancements in Kentucky’s Drug Overdose Mortality Surveillance: Rapid Monitoring of Trends and Decedents’ Recent Controlled Substance Prescription History <i>GYeon Oh, Patricia R.R. Freeman, Candace J. Brancato, Jana McAninch, Alex Secora, Candice L. Collins, Nabarun Dasgupta, Svetla Slavova</i>

ORAL PRESENTATIONS

L1C3	Co-utilization of Opioids and Non-benzodiazepine Sedative Hypnotics in U.S. Ambulatory Care Visits, 2006-2016 <i>Razanne Oueini, Juan M. Hincapie-Castillo, Scott M. Vouri</i>
Methods in Pharmacoepidemiology	
OP-9C	Graphical Representation of an Array of Quantitative Bias Analysis Scenarios for Differential Outcome Misclassification. <i>J Bradley Layton, Ryan Riewmiecki, Heather E. Danysh, Charles Gaber, Alicia Gilsean.</i>
OP-24A	Using Randomized Trial Data to Estimate Effects of Complex Treatment Regimens in Real-world Patients <i>Michael Webster-Clark, Jennifer L. Lund, Hanna Sanoff, Til Stürmer, Daniel Westreich, Alexander Keil.</i>
OP-24B	A Plasmode Simulation of Covariate Misclassification and Transportability <i>Michael Webster-Clark, Jessie K. Edwards.</i>
L1B3	Characterizing Imbalance in the Tails of the Propensity Score Distribution. <i>Bethany DiPrete, Cynthia J. Girman, Panagiotis Mavros, Alexander Breskin, M. Alan Brookhart.</i>
L3B3	Distinguishing Death from Disenrollment in Claims Data Using a Readily Implemented Machine Learning Algorithm <i>Jessica C. Young, Frank Yoon, Nabarun Dasgupta, Debra E. Irwin, Toska Cooper, Shalu Shiv, Sarah Bloemers, Teresa Gibson</i>
OP-20A	Evaluating When Effect Estimates Change After Propensity Score Trimming Because of Differing Effect Measure Modifier Distributions <i>Michael Webster-Clark, Michele Jonsson Funk, Jennifer L. Lund, Robert Glynn, Til Stürmer, Alan Kinlaw</i>
OP-20C	Controlling for Differential Regression to the Mean Using Summary Measures of Pre-treatment Laboratory Values in Propensity Scores <i>Chase D. Latour, Leah J. McGrath, Alexander Breskin, Ying Yu, M. Alan Brookhart.</i>
Pharmacovigilance	
OP-5C	Impact of COVID-19 Social Distance Restrictions on Hospital Encounters Due to Injury by Poisoning or Toxicity of Medications or Non-medicinal Substance <i>Quoa L. Her, Jessica C. Young, Til Stürmer, Michele Jonsson Funk</i>
Geriatric Pharmacoepidemiology	
OP-3C	Use of Medications with Anticholinergic and Sedative Properties and Fall-related Fractures Among Older Adults <i>Shahar Shmuel, Virginia Pate, Marc J. Pepin, Janine C. Bailey, Yvonne M. Golightly, Laura C. Hanson, Til Stürmer, Rebecca B. Naumann, Danijela Gnjidic, Jennifer L. Lund.</i>
Potpourri	
PP-01A	Approach to Falsify Calendar Time Instrumental Variable Assumptions in Estimating Treatment Effects <i>Phyo Htoo, Michele Jonsson Funk, Mugdha Gokhale, Gang Fang, John Buse, Til Stürmer.</i>
PP-01E	Multi-depth, Iterative Causal Forest for Subgroup Identification <i>Tiansheng Wang, Michael Kosorok, Alexander Keil, Richard Wyss, Michele Jonsson Funk, John Buse, Til Stürmer.</i>
PP-01D	Nondifferential Treatment Misclassification Biases Toward the Null? Not a Safe Bet <i>Rachael Ross, Michele Jonsson Funk, I-Hsuan Su.</i>
OP-10	Do Medicare Part D Low-income Subsidies Narrow Disparities in Orally-administered Antimyeloma Therapy Initiation? <i>Shelley A. Jazowski, Cleo A Samul-Ryals, William A Wood, Leah L Zullig, Justin G Trogndon, Stacie B Dusetzina</i>

POSTERS PRESENTATIONS

Use of Negative Control Outcomes to Detect Mismeasured Confounders in Administrative Data
Sara Levintow, Kate Orroth, Alexander Breskin, Paul Dlugniewski, Andrew Park, M. Alan Brookhart

Characterizing patients using abuse-deterrent formulations of extended-release opioid analgesics
Oh, GY, DiPrete, BL, Slavova, S, Dasgupta, N, Ranapurwala, SI, Slade, E, Delcher, C and Moga, DC.

Matching Study Design to Prescribing Intention: The Prevalent New User Design in Opioid Research.
DiPrete, BL, Oh, GY, Moga, DC, Dasgupta, N, Slavova, S, Slade, E, Delcher, C, Pence, BW, and Ranapurwala, SI.

Modeling drug treatment effects on breast cancer in the setting of differential screening
Sophie E Mayer, Leah McGrath, Min Kim, Michele McDermott, M. Alan Brookhart

POSTERS PRESENTATIONS

How COVID-19 Randomized Controlled Trials Reported on Demographic and Clinical Characteristics

Joyce Pak, Jennifer Lund, Alexander Keil, Daniel Westreich, Til Stürmer, David Wohl, Claire Farel, M. Bradley Drummond, Michael Webster-Clark

Experimenting with County-level COVID-19 Data as a Substitute for Demographic Information

Joyce Pak, Jennifer Lund, Michael Webster-Clark

Survival in Older Adults Treated for Chronic Lymphocytic Leukemia Compared to Those without Cancer: An Exploratory Time-Trend Analysis

Emilie Duchesneau, Annie McNeill, Jerzy Tyczynski, William Schary, Jennifer Lund

SPOTLIGHT POSTERS

Comparing FOLFOX Delivery in Trial and Real-World Populations Using Longitudinal Cumulative Dose

Michael Webster-Clark, Alexander Keil, Hanna Sanoff, Til Stürmer, Daniel Westreich, Jennifer Lund

– Spotlight Poster: Adherence

Colonoscopy Use After Treatment Initiation in US Commercially Insured Patients with Inflammatory Bowel Disease, 2013-2018

Jeff Yang, Jennifer Lund, Michael Kappelman

- Spotlight Poster: Biologics

EXOGEN Mitigates Risk of Fifth Metatarsal Fracture Nonunion: Results of a Novel Real-world Clinical Study

Christina Mack, Til Stürmer, Robert Zura, Debra Irwin, Greg Maislin, Kim Kelly, John Jones, Tawana Wester, Alessandra Pavesio (SP13)

– Spotlight Posters: Medical Devices

Longitudinal Patterns of Anticholinergic and Sedative Drug Load Among Older Adults

Shahar Shmuel, Virginia Pate, Rebecca Naumann, Laura Hanson, Michele Jonsson Funk, Jennifer Lund

– Spotlight poster: Geriatric Pharmacoepidemiology

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