CDC ATSDR

CDC DDPHSS CSELS OD

2022 Joint Statistical Meetings (JSM):

Presentations among CDC/ATSDR staff (*presenter names underlined*)

8/7/2022

- **Population Inference with Electronic Health Records (EHRs) Data: Addressing Selection and Representativeness Bias — Topic Contributed Panel, Survey Research Methods Section, Health Policy Statistics Section, Section on Statistics in Epidemiology**
  4:05 PM: Population Inference with Electronic Health Records (EHRs) Data: Addressing Selection and Representativeness Bias
  Session Panelist: Yu B Chen (NCCDPHP)
  https://ww2.amstat.org/meetings/jsm/2022/onlineprogram/AbstractDetails.cfm?abstractid=323198

- **COVID-19 and Survey Research Methods — Contributed Papers, Survey Research Methods Section**
  5:20 PM: Modeling State-Level Attitudinal Measures Related to COVID-19 Vaccination of Children and Adults Using Survey Data and Administrative Data
  Nada M Ganesh (NORC at the University of Chicago); Vicki Pineau (NORC at the University of Chicago); Elizabeth Allen (NORC at the University of Chicago); Zachary H Seeskin (NORC at the University of Chicago); Poulami Maitra (NORC at the University of Chicago); Shalima Zalsha (NORC at the University of Chicago); Kirk Wolter (NORC at the University of Chicago); **Tammy Santibanez (NCIRD); James A Singleton (NCIRD); Michael Chen (NCIRD); David Yankey (NCIRD); Yi Mu (NCIRD); Tianyi Zhou (NCIRD); Anurag Jain (NCIRD)**
  https://ww2.amstat.org/meetings/jsm/2022/onlineprogram/AbstractDetails.cfm?abstractid=323067

8/8/2022

- **Advances in Statistical Methods and Models for Real Time Surveys — Topic Contributed Papers, Survey Research Methods Section, Government Statistics Section**

  Session Organizer: Katherine Irimata (NCHS)

  — **8:35 AM**: Data Collection and Research Using the National Center for Health Statistics' Research and Development Survey (RANDS)
  Paul Scanlon (NCHS)

https://ww2.amstat.org/meetings/jsm/2022/onlineprogram/AbstractDetails.cfm?abstractid=322961

— **9:15 AM**: Applying Calibration Weighting to Real-Time Surveys: Some Lessons Learned from the Research and Development Survey (RANDS)
Yulei He (NCHS); Katherine Irimata (NCHS); Van Parsons (NCHS); Bill Cai (NCHS); Rebecca Hu (NCHS); Rong Wei (NCHS); Guangyu Zhang (NCHS); Hee-Choon Shin (NCHS)
https://ww2.amstat.org/meetings/jsm/2022/onlineprogram/AbstractDetails.cfm?abstractid=320938

— **9:35 AM**: Producing Machine Learning Model-Based Health Estimates Using Web-Based Panel Data
Katherine Irimata (NCHS); Ben Rogers (NCHS); Amy Cha (NCHS)
https://ww2.amstat.org/meetings/jsm/2022/onlineprogram/AbstractDetails.cfm?abstractid=320949

— **9:55 AM**: Rapid Surveys at the National Center for Health Statistics
Jennifer Parker (NCHS); Stephen Blumberg (NCHS)
https://ww2.amstat.org/meetings/jsm/2022/onlineprogram/AbstractDetails.cfm?abstractid=322344

• **Population Statistics for Mobile and Wearable Device Data — Invited Papers, Business and Economic Statistics Section, Section on Medical Devices and Diagnostics, Section on Statistics in Epidemiology**
10:35 AM: Impact of Close Interpersonal Contact on COVID-19 Incidence: Evidence from One Year of Mobile Device Data
Forrest W. Crawford (Yale University); **Sydney A. Jones (CDC/CT DPH);** Matthew Cartter (CT DPH); Samantha Dean (Yale School of Public Health); Joshua L. Warren (Yale School of Public Health); Zehang Richard Li (UCSC); Jacqueline Barbieri (Whitespace Ltd); Jared Campbell (Whitespace Ltd); Patrick Kenney (Whitespace Ltd); Thomas Valleau (Whitespace Ltd); Olga Morozova (Stony Brook University)
https://ww2.amstat.org/meetings/jsm/2022/onlineprogram/AbstractDetails.cfm?abstractid=319197

• **Health — Contributed Papers, Government Statistics Section**
— **11:05 AM**: The Presentation Standards for Rates from the National Center for Health Statistics: a Simulation Study
Guangyu Zhang (NCHS); Katherine Irimata (NCHS); Makram Talih (NCHS); Alex Strashny (NCHS); Jennifer Parker (NCHS)
https://ww2.amstat.org/meetings/jsm/2022/onlineprogram/AbstractDetails.cfm?abstractid=322233

— **11:35 AM**: Improving Efficacy Estimates for New HIV Antivirus Pre-Clinical Studies: a Simulation Study
Yi Pan (NCHHSTP)
https://ww2.amstat.org/meetings/jsm/2022/onlineprogram/AbstractDetails.cfm?abstractid=323084

— **11:50 AM**: Using Linked Data to Follow Survey Participants Over Time: a Case Study of the National Health Interview Survey and Linked Medicare Data
Crescent Martin (NCHS); Lisa B. Mirel (NCHS)
https://ww2.amstat.org/meetings/jsm/2022/onlineprogram/AbstractDetails.cfm?abstractid=323120

— **12:05 PM**: Measuring the Robustness of Method Comparison Study Methodology Using Data from the National Health and Nutrition Examination Survey
Jennifer Rammon (NCHS); Kevin Chuang (NCHS)
https://ww2.amstat.org/meetings/jsm/2022/onlineprogram/AbstractDetails.cfm?abstractid=323326

- **ENAR Executive Committee Meeting — Other ICW**
6:00 PM: ENAR Executive Committee Meeting
Session Organizer: Simone Gray (NCCDPHP)
https://ww2.amstat.org/meetings/jsm/2022/onlineprogram/ActivityDetails.cfm?SessionID=223590

8/9/2022

- **SPEED: Statistics in Social Sciences and Survey Research Part 1 — Contributed Speed**
Business and Economic Statistics Section, Survey Research Methods Section, Quality and Productivity Section, ENAR, Government Statistics Section, Health Policy Statistics Section, Lifetime Data Science Section
9:00 AM: Adapting COVID-19 Early Release Data to Determine Impact of Opioid Use in Hospital Emergency Departments
Salah Shaikh (NCHS)
https://ww2.amstat.org/meetings/jsm/2022/onlineprogram/AbstractDetails.cfm?abstractid=320894

- **Weighting and Variance Estimation in Complex Samples — Contributed Papers**
Survey Research Methods Section

9:20 AM: Assessing Differences of Estimates Across Partial Overlapped Surveys Under Limited Design Information with Modified T-Tests
Rong Wei (NCHS); Van Parsons (NCHS); Katherine Irimata (NCHS); Yulei He (NCHS)
https://ww2.amstat.org/meetings/jsm/2022/onlineprogram/AbstractDetails.cfm?abstractid=322065

- **Analyzes in Climate and Epidemiology — Contributed Papers, Section on Statistics and the Environment**
  9:35 AM: Marginal Analysis of Exposure Data with Repeated Measures and Nondetects
  I-Chen Chen (NIOSH); Stephen J. Bertke (NIOSH); Cheryl Fairfield Estill (NIOSH)
  https://ww2.amstat.org/meetings/jsm/2022/onlineprogram/AbstractDetails.cfm?abstractid=320966

- **Contributed Poster Presentations: Section on Statistics in Epidemiology — Contributed Poster Presentations, Section on Statistics in Epidemiology**
  10:30 AM to 12:20 PM
  Covariate Adjusted Logit Model (CALM) for Response Curves from Observational Studies
  Nong Shang (NCIRD)
  https://ww2.amstat.org/meetings/jsm/2022/onlineprogram/AbstractDetails.cfm?abstractid=323894

- **Small Area Estimation and Survey Methods Sampler — Contributed Papers**
  Survey Research Methods Section
  Session Organizer: Chris Moriarity (NCHS)
  10:35 AM: Borrowing Strength from Nearest Neighbors to Improve County-Level Estimates When Very Few or Zero Individuals Are Sampled
  Hui Xie (NCCDPHP); Deborah B Rolka (NCCDPHP); Yu B Chen (NCCDPHP)
  https://ww2.amstat.org/meetings/jsm/2022/onlineprogram/AbstractDetails.cfm?abstractid=322332

- **Alignment, Accuracy, Precision: Comparing and Combining Data from Multiple Sources — Topic Contributed Papers, Survey Research Methods Section, Government Statistics Section, Social Statistics Section**
  11:35 AM: Bayesian Hierarchical Model for Combining Probability and Nonprobability Samples Under Unknown Overlaps

Terrance D Savitsky (U.S. Bureau of Labor Statistics); Matthew R Williams (RTI International); Julie Gershunskaya (U.S. Bureau of Labor Statistics); **Beresovsky Vladislav (NCHS)**
https://ww2.amstat.org/meetings/jsm/2022/onlineprogram/AbstractDetails.cfm?abstractid=322406

- **COPSS Elizabeth L. Scott Lecture — Invited Papers, Elizabeth L. Scott Award, Committee of Presidents of Statistical Societies**
  2:00 PM - 3:50 PM
  Session Chair: Maya Sternberg (NCEH)
  https://ww2.amstat.org/meetings/jsm/2022/onlineprogram/ActivityDetails.cfm?SessionID=220774

- **Contributed Poster Presentations: Section on Statistical Learning and Data Science — Contributed Poster Presentations, Section on Statistical Learning and Data Science**
  2:00 PM - 3:50 PM
  Applying Machine Learning to National Surveillance Data to Predict Excess Growth in Clusters of Tuberculosis Cases
  Kathryn Winglee (NCHHSTP); Sandy Althomsons (NCHHSTP); Charles M Heilig (NCHHSTP); Sarah Talarico (NCHHSTP); Benjamin Silk (NCHHSTP); Jonathan Wortham (NCHHSTP); Andrew Hill (NCHHSTP); Thomas Navin (NCHHSTP)
  https://ww2.amstat.org/meetings/jsm/2022/onlineprogram/AbstractDetails.cfm?abstractid=322056

8/10/2022

- **Quality Record Linkage -- Statistical Innovations to Advance Official Statistics — Invited Panel, Survey Research Methods Section, Record Linkage Interest Group, Government Statistics Section**
  8:35 AM: Record Linkage: Statistical Innovations to Advance Official Statistics
  Session Panelist: Lisa B. Mirel (NCHS)
  https://ww2.amstat.org/meetings/jsm/2022/onlineprogram/AbstractDetails.cfm?abstractid=320390

- **Quality of Survey Responses — Contributed Papers, Survey Research Methods Section**
  2:20 PM: Did We Make an Interviewer's Job Easier? The Impact of the National Health Interview Survey Questionnaire Redesign on Interviewer Effects
  James M Dahlhamer (NCHS); Aaron Maitland (NCHS); Benjamin Zablotsky (NCHS); Antonia Warren (NCHS)

https://ww2.amstat.org/meetings/jsm/2022/onlineprogram/AbstractDetails.cfm?abstractid=322929

8/11/2022

- **Government Statistics Section Business Meeting — Other Cmte/Business, Government Statistics Section**
  7:00 AM - 8:30 AM
  Session Chair: Simone Gray (NCCDPHP)
  https://ww2.amstat.org/meetings/jsm/2022/onlineprogram/ActivityDetails.cfm?SessionID=223617

- **Federal Statistical Agency Initiatives to Broaden Data Access — Topic Contributed Papers, Government Statistics Section, Social Statistics Section, Survey Research Methods Section**
  10:55 AM: The National Center for Health Statistics Virtual Data Enclave (VDE)
  J. Neil Russell (NCHS)
  https://ww2.amstat.org/meetings/jsm/2022/onlineprogram/AbstractDetails.cfm?abstractid=322524

- **Statistical Innovations Driven by the COVID-19 Pandemic — Invited Papers, Committee on Applied Statisticians, Section on Statistical Learning and Data Science, Biopharmaceutical Section**
  11:25 AM: Excess Mortality Associated with COVID-19: January 2020 Through September 2021, United States
  Lauren Rossen (NCHS)
  https://ww2.amstat.org/meetings/jsm/2022/onlineprogram/AbstractDetails.cfm?abstractid=319308

- **Statistical Semi- or Non-Parametric Modeling for Data with Complex Structure — Contributed Papers, Section on Nonparametric Statistics**
  11:50 AM: Comparison of Chi-Square Tests Computed by Multiple Statistical Programs for Survey Analyses
  Li-Yen Rebecca Hu (NCHS); Yulei He (NCHS); Katherine E. Irimata (NCHS)
  https://ww2.amstat.org/meetings/jsm/2022/onlineprogram/AbstractDetails.cfm?abstractid=320918