

## Conference Presentation Schedule

Session Information		Sunday, July 29
<b>Activity 30: SPEED: Statistics and Econometrics—Contributed Speed</b> 3:45 pm–3:50 pm   CC-West 209	Applications of Non-Standard Disclosure-Avoidance Methods in Clinical Trials Data <b>Barbara Do, Pooja Iyer</b>	
<b>Activity 58: Leading the Dance with Dirty Data—Topic Contributed Papers</b> 5:25 pm–5:45 pm   CC-East 19	Discussant <b>Phil Kott</b>	
<b>Activity 86: SPEED: Statistics and Econometrics—Contributed Poster Presentations</b> 5:05 pm–5:50 pm   CC-West Hall B	<b>Poster 40:</b> Applications of Non-Standard Disclosure-Avoidance Methods in Clinical Trials Data <b>Barbara Do, Pooja Iyer</b>	
Session Information		Monday, July 30
<b>Activity 119: SPEED: Government and Health Policy—Contributed Speed</b> 9:35 am–9:40 am   CC-West 213	Open Data Sharing and Its Statistical Limitations <b>Pooja Iyer, Barbara Do</b>	
<b>Activity 121: SPEED: Data Expo—Contributed Speed</b> 9:50 am–9:55 am   CC-West 212	Do I Need to Check the Weather Forecast, or Is Yesterday's Weather a Reasonable Prediction? <b>Rachel Harter, Kayla Nowak, Nicole Mack</b>	
<b>Activity 135: Nonresponse Adjustment and Weighting—Contributed Papers</b> 8:30 am–10:20 am   CC-West 111	Session Chair <b>Dan Liao</b>	
	<b>10:05 am–10:20 am:</b> Nonresponse Bias Analysis for National Survey on Drug Use and Health Using Small Area Estimation Methodology <b>Akhil Vaish, Matthew Williams, Kathy Spagnola, Ana Saravia, Neeraja Sathe</b>	
<b>Activity 165: SPEED: Environmetrics: Spatio-Temporal and Other Models—Contributed Speed</b> 11:45 am–11:50   CC-West 208	Bayesian Estimation of Toluene and Trichloroethylene Biodegradation Kinetic Parameters <b>Feng Yu, Breda Munoz</b>	
<b>Activity 197: SPEED: Government and Health Policy—Contributed Poster Presentations</b> 10:30 am–11:15 am   CC-West Hall B	<b>Poster 32:</b> Open Data Sharing and Its Statistical Limitations <b>Pooja Iyer, Barbara Do</b>	
<b>Activity 199: SPEED: Data Expo—Contributed Poster Presentations</b> 11:35 am–12:20 pm   CC-West Hall B	<b>Poster 34:</b> Do I Need to Check the Weather Forecast, or Is Yesterday's Weather a Reasonable Prediction? <b>Rachel Harter, Kayla Nowak, Nicole Mack</b>	
<b>Activity 237: SPEED: Missing Survey Data: Analysis, Imputation, Design, and Prevention—Contributed Speed</b> 2:00 pm–3:50 pm   CC-West 208	<b>2:50 pm–3:00 pm:</b> Early Bird Gets the Worm? Effects of Differential Incentives on Mode Choice and Response Rates <b>Patricia LeBaron, Nathaniel Taylor, Leah Fiacco, Melissa Helton, Amy Henes, Stephen King</b>	
	<b>3:15 pm–3:20 pm:</b> Does Sequence of Imputed Variables Matter in Hot Deck Imputation for Large-Scale Complex Survey Data? <b>Amang Sukasih, Peter Frechtel, Karol Krotki</b>	
	<b>3:20 pm–3:25 pm:</b> Tree-Based Doubly-Robust Nonparametric Multiple Imputation <b>Darryl Creel</b>	

Session Information	Monday, July 30
<b>Activity 252: Replicate Weights and Variance Estimation—Contributed Papers</b> 2:50 pm–3:05 pm   CC-West 112	Strategies for Minimizing Unequal Weighting Effects in Two-Phase Sampling for Nonresponse <i>Dan Liao, Paul Biemer, Darryl Cooney</i>
<b>Activity 259: SPEED: Environmetrics: Spatio-Temporal and Other Models—Contributed Poster Presentations</b> 3:05 pm–3:50 pm   CC-West Hall B	<b>Poster 14:</b> Bayesian Estimation of Toluene and Trichloroethylene Biodegradation Kinetic Parameters <i>Feng Yu, Breda Munoz</i>
<b>Activity 216636: Survey Research Methods Section Executive Committee Meeting (Closed)—Other Cmte/Business</b> 6:00 pm–7:30 pm   CC-West 108	Session Chair <i>Karol Krotki</i>

Session Information	Tuesday, July 31
<b>Activity 298: SPEED: Innovations in Survey Sampling Designs: Administrative Data, Record Linkage, Non-Probability Samples, and More—Contributed Speed</b> 8:30 am–10:20 am   CC-West 208	<b>8:45 am–8:50 am:</b> Addressing Challenges in an International Study with Propensity Scores: A Case Study from Indonesia <i>Susan Edwards, Marissa Gargano</i>
	<b>9:05 am–9:10 am:</b> Combining Probability and Nonprobability Samples for Population Inference <i>Jill Dever</i>
	<b>9:20 am–9:30 am:</b> Sampling from Twitter: Can a Probability Sample Be Drawn to Target Hard-to-Reach Populations? <i>Marcus Berzofsky, Tasseli McKay, Patrick Hsieh, Amanda Smith, Natasha Latzman</i>
	<b>9:35 am–9:40 am:</b> Record Linkage as a Decision Problem <i>Alan Karr</i>
<b>Activity 306: Disease Prediction—Contributed Papers</b> 8:50 am–9:05 am   CC-West 119	Uncertainty Estimates for Population Attributable Fractions <i>Breda Munoz</i>
<b>Activity 314: SPEED: Missing Survey Data: Analysis, Imputation, Design, and Prevention—Contributed Poster Presentations</b> 9:25 am–10:10 am   CC-West Hall B	<b>Poster 10:</b> Early Bird Gets the Worm? Effects of Differential Incentives on Mode Choice and Response Rates <i>Patricia LeBaron, Nathaniel Taylor, Leah Fiacco, Melissa Helton, Amy Henes, Stephen King</i>
	<b>Poster 14:</b> Does Sequence of Imputed Variables Matter in Hot Deck Imputation for Large-Scale Complex Survey Data? <i>Amang Sukasih, Peter Frechtel, Karol Krotki</i>
	<b>Poster 15:</b> Tree-Based Doubly-Robust Nonparametric Multiple Imputation <i>Darryl Creel</i>
<b>Activity 340: SPEED: Applications of Advanced Statistical Techniques in Complex Survey Data Analysis: Small Area Estimation, Propensity Scores, Multilevel Models, and More—Contributed Speed</b> 10:30 am–12:20 pm   CC-West 208	Session Chair <i>Karol Krotki</i>
	<b>10:35 am–10:40 am:</b> Prisoners Are People Too: Statistical Disclosure Control in the 2016 Survey of Prison Inmates <i>Nicole Mack, Marcus Berzofsky, Stephanie Zimmer</i>
	<b>10:45 am–10:50 am:</b> Producing Subnational Estimates from the National Crime Victimization Survey <i>Andrew Moore, Marcus Berzofsky, George Couzens, Stephanie Zimmer, Caroline Scruggs</i>

**Session Information** **Tuesday, July 31**

**11:50 am–11:55 am:** Comparing Direct Survey and Small Area Estimates of Health Care Coverage in New York  
*Jeniffer Iriondo-Perez, Rachel Harter, Amang Sukasih*

**Activity 365: SPEED: Innovations in Survey Sampling Designs: Administrative Data, Record Linkage, Non-Probability Samples, and More—Contributed Poster Presentations**  
10:30 am–11:15 am | CC-West Hall B

**Poster 3:** Addressing Challenges in an International Study with Propensity Scores: A Case Study from Indonesia  
*Susan Edwards*

**Poster 7:** Combining Probability and Nonprobability Samples for Population Inference  
*Jill Dever*

**Poster 10:** Sampling from Twitter: Can a Probability Sample Be Drawn to Target Hard-to-Reach Populations?  
*Marcus Berzofsky, Tasseli McKay, Patrick Hsieh, Amanda Smith, Natasha Latzman*

**Poster 12:** Record Linkage as a Decision Problem  
*Alan Karr*

**Activity 389: Improving Survey Data Quality with Machine Learning Techniques—Invited Papers**  
2:05 pm–3:50 pm | CC-West 209

Session Chair  
*Stephanie Eckman*

**2:05 pm–2:20 pm:** Artificial Intelligence (AI)-Enhanced Applications to Survey-Specific Imputation Tasks to Achieve Time and Cost Efficiencies  
*Steven Cohen*

**Activity 425: Contributed Poster Presentations: Survey Research Methods Section**  
2:00 pm–3:50 pm | CC-West Hall B

**Poster 37:** Competing Imputation Approaches Under Simulated Nonignorable Missingness for Perpetrator Characteristics in the FBI’s Supplementary Homicide Reports  
*George Couzens, Marcus Berzofsky*

**Activity 433: SPEED: Applications of Advanced Statistical Techniques in Complex Survey Data Analysis: Small Area Estimation, Propensity Scores, Multilevel Models, and More—Contributed Poster Presentations**  
2:00 pm–2:45 pm | CC-West Hall B

**Poster 1:** Prisoners Are People Too: Statistical Disclosure Control in the 2016 Survey of Prison Inmates  
*Nicole Mack, Marcus Berzofsky, Stephanie Zimmer*

**Poster 3:** Producing Subnational Estimates from the National Crime Victimization Survey  
*Andrew Moore, Marcus Berzofsky, George Couzens, Stephanie Zimmer, Caroline Scruggs*

**Poster 15:** Comparing Direct Survey and Small Area Estimates of Health Care Coverage in New York  
*Jeniffer Iriondo-Perez, Rachel Harter, Amang Sukasih*

**Session Information** **Wednesday, August 1**

**Activity 475: SPEED: Predictive Analytics with Social/Behavioral Science Applications: Spatial Modeling, Education Assessment, Population Behavior, and the Use of Multiple Data Sources—Contributed Speed**  
9:20 am–9:30 am | CC-West 208

Replicate Weights for Variance Estimation of Subnational Areas  
*Stephanie Zimmer, Marcus Berzofsky, Andrew Moore*

**Activity 482: Causal Inference and Related Methods—Contributed Papers**  
8:30 am–10:20 am | CC-West 114

Session Chair  
*Breda Munoz*

**Activity 508: Leading the Estimates Towards Known Benchmarks—Topic Contributed Papers**  
10:55 am–11:15 am | CC-West 221

Using Calibration Weighting in Samples with a Non-Probability Component  
*Jamie Ridenhour, Phil Kott*

**Activity 529: Regression Trees and Random Forests—Contributed Papers**  
11:05 am–11:20 am | CC-West 117

Uniformity of Personalized Treatment  
*Georgiy Bobashev, Barry Eggleston, Benjamin Carper*

## Session Information

Wednesday, August 1

**Activity 538: SPEED: Predictive Analytics with Social/Behavioral Science Applications: Spatial Modeling, Education Assessment, Population Behavior, and the Use of Multiple Data Sources—Contributed Poster Presentations**  
9:20 am–9:30 am | CC-West Hall B

**Poster 30:** Replicate Weights for Variance Estimations of Subnational Areas  
*Stephanie Zimmer, Marcus Berzofsky, Andrew Moore*

**Activity 553: Survey Research Methods Section PM Roundtable Discussion (Added Fee)—Roundtables PM Roundtable Discussion**  
12:30 pm–1:50 pm | CC-West Ballroom D

**WL25:** Non-Probability Sampling  
*Karol Krotki*

**Activity 596: Advances in Small Area Estimation—Contributed Papers**  
2:00 pm–3:50 pm | CC-West 205

**2:05 pm–2:20 pm:** Substate Small Area Estimates Using Data from the 2014–2016 National Surveys on Drug Use and Health (NSDUHs)  
*Neeraja Sathe, Matthew Williams, Kathy Spagnola, Akhil Vaish*

**2:35 pm–2:50 pm:** Comparison of NSDUH Population Percentages from the United States, Census Regions, States, and the District of Columbia  
*Kathy Spagnola, Matthew Williams, Akhil Vaish, Neeraja Sathe*

**Activity 216632: Survey Research Methods Section Business Meeting—Other Cmte/Business**  
6:00 pm–8:00 pm | F-Malaspina

Session Chair  
*Karol Krotki*

## Session Information

Thursday, August 2

**Activity 615: Using Para-Data to Analyze the Determinants and Impact of Interview Length—Topic Contributed Papers**  
8:35 am–8:55 am | CC-West 120

Two Short or One Long: An Experiment Comparing Survey Length vs. Quantity of Surveys  
*Rebecca Powell, Paul Biemer, Sarah Cook, Kathleen Considine, Carolyn Halpern, Kathleen Harris, Sarah Dean*

**Activity 642: Data Science for Social Good—Invited Papers**  
10:30 am–12:20 pm | CC-West 301

Session Chair  
*Gayle Bieler*

**11:00 am–11:25 am:** Data Science + Social Science: Using Data Science to Track Arrest-Related Deaths in the US  
*Duren Banks, Peter Baumgartner, Michael G. Planty*

**11:50 am–12:15 pm:** Discussant  
*Craig Hill*

**Activity 668: Best Practices for Programming and Analysis—Contributed Papers**  
10:50 am–11:05 am | CC-West 112

Three Little Models and the Big Bad Data: A Three-Model Approach to Causal Analysis with Observational Clinical Data  
*Kayla Nowak, Tracy Nolen*

**Activity 637: The Use of Auxiliary Data in Frame Development, Coverage Assessment, and Field Data Collection—Contributed Papers**  
9:05 am–9:20 am | CC-West 119

Switching from Field Enumeration to an ABS Frame: The Effect on Coverage Bias  
*Ashley Amaya, Matthew Williams, Devon Cribb, Rachel Harter, Katherine B Morton*