

# RTI International Presentations at 2019 Joint Statistical Meetings

## Conference Presentation Schedule

Session Information	Sunday, July 28
<b>29: SPEED: Survey Methods, Transportation Studies, SocioEconomics, and General Statistical Methods Part 1—Contributed Speed</b> 2:00 p.m.–3:50 p.m. CC-502	Survey Research Methods Section <b>Georgiy Bobashev, Chair</b> <hr/> Achieving Sample Efficiency by Using Both a List Frame and an ABS Frame <b>Karol Krotki</b> Use of Matching Algorithms to Determine Unit Eligibility <b>Brandon Hopkins, Kimberly Ault</b>
<b>66: Improving Data Collection: Challenges in Survey Practice</b> 4:00 p.m.–5:50 p.m. CC-301	Government Statistics Section <b>Phil Kott, Chair</b> <hr/> Identifying Data Quality Outliers with Web Survey Response Times: Evaluation and Best Practices <b>Y. Patrick Hsieh, Joe Murphy</b>
<b>89: SPEED: Survey Methods, Transportation Studies, SocioEconomics, and General Statistical Methods Part 2</b> 5:05 p.m.–5:50 p.m. CC-Hall C	Survey Research Methods Section <b>Georgiy Bobashev, Chair</b> <hr/> Achieving Sample Efficiency by Using Both a List Frame and an ABS Frame <b>Karol Krotki</b> Use of Matching Algorithms to Determine Unit Eligibility <b>Brandon Hopkins, Kimberly Ault</b>
Session Information	Monday, July 29
<b>138:- Modeling Applications for Backcasting, Nowcasting, and Forecasting</b> 8:30 a.m.–10:20 a.m. CC-504	Mode Effect, Patient-Mix Adjustment, and Nonresponse Analysis in the Consumer Assessment of Healthcare Providers and Systems Outpatient and Ambulatory Surgery Survey (OAS CAHPS) <b>Patrick Chen, Shampa Saha, Marjorie Hinsdale-Shouse</b>
<b>178: Novel Applications and Extensions of Dimension Reduction Methods</b> 10:30 a.m.–12:20 p.m. CC-712	Comparison of Simple and Complex Predictive Models Applied to the National Surveys on Drug Use and Health <b>Georgiy Bobashev, Emily Hadley</b>
<b>169: SPEED: Improving Survey Data Quality with Multiple Data Sources, Administrative Data, and Nonresponse Bias Control</b> 10:30 a.m.–12:20 p.m. CC-103	Survey Research Methods Section <b>Karol Krotki, Chair</b> <hr/> Calibration Weighting for Nonreporting Agencies in FBI’s National Incident Based Reporting System <b>Philip Lee, Dan Liao, Marcus Berzofsky, Alexia Cooper</b> Carry Forward Imputation for Unit Non-Response After a Survey Redesign <b>Kimberly Ault</b> Proper Variance Estimation When Adjusting for Both Unknown Eligibility and Unit Nonresponse <b>Dhuly Chowdhury, Phil Kott</b> Coverage Error in Administrative Data: An Assessment of the National Incident Based Reporting System <b>Philip Lee, Dan Liao, Marcus Berzofsky, Alexia Cooper</b>

Session Information		Monday, July 29
<b>190: Contributed Poster Presentations: Section on Statistics and the Environment</b> 10:30 a.m.–12:20 p.m. CC-Hall C	Statistical Modeling on Trichloroethylene Biodegradation in a Packed-Bed Biofilm Reactor Using Response Surface Methodology <b>Feng Yu, Breda Munoz</b>	
<b>Committee on Women in Statistics Quarterly Meeting</b> 12:30 p.m.–2:00 p.m. H-Granite A	<b>Saki Kinney, Chair</b>	
<b>207: Social Statistics Section P.M. Roundtable Discussion</b> Time 12:30 p.m.– 1:50 p.m. H-Centennial Ballroom G-H	<b>Antje Kirchner, Organizer</b> <hr/> Creating a Home for Social Scientists Within ASA <b>Paul Beatty, Stephanie Eckman</b>	
<b>252: SPEED: Improving Survey Data Quality with Multiple Data Sources, Administrative Data, and Nonresponse Bias Control, Part 2</b> 2:00 p.m.–2:45 p.m. CC-Hall C	Survey Research Methods Section <b>Karol Krotki, Chair</b> <hr/> Calibration Weighting for Nonreporting Agencies in FBI’s National Incident Based Reporting System <b>Philip Lee, Dan Liao, Marcus Berzofsky, Alexia Cooper</b> Carry Forward Imputation for Unit Non-Response After a Survey Redesign <b>Kimberly Ault</b> Proper Variance Estimation When Adjusting for Both Unknown Eligibility and Unit Nonresponse <b>Dhuly Chowdhury, Phil Kott</b> Coverage Error in Administrative Data: An Assessment of the National Incident Based Reporting System <b>Philip Lee, Dan Liao, Marcus Berzofsky, Alexia Cooper</b>	
<b>238: SPEED: Environment and Health, Governmental Policies and Population Surveys, Part 1 — Contributed Speed</b> 2:00 p.m.–3:50 p.m. CC-103	Imputation as a Practical Alternative to Data Swapping <b>Saki Kinney, David Wilson, Alan Karr, Kelly Kang</b>	

Session Information		Tuesday, July 30
<b>295: SPEED: Big Data, Small Area Estimation, and Methodological Innovations Under Development, Part 1 — Contributed Speed</b> 8:30 a.m.–10:20 a.m. CC-103	Why Machines Matter for Survey and Social Science Researchers: Exploring How Machine Learning Methods Can Be Applied to the Design, Collection and Analysis of Social Science Data <b>Antje Kirchner, Trent Burskirk</b> A Practical Guide to Small Area Estimation, Illustrated Using the Ohio Medicaid Assessment Survey <b>Rachel Harter, Amang Sukasih, Jeniffer Iriondo-Perez, Akhil Vaish</b>	
<b>311: SPEED: Environment and Health, Governmental Policies and Population Surveys, Part 2 — Contributed Poster Presentations</b> 9:25 a.m.–10:10 a.m. CC-Hall C	Imputation as a Practical Alternative to Data Swapping <b>Saki Kinney, David Wilson, Alan Karr, Kelly Kang</b>	
<b>354: SPEED: Big Data, Small Area Estimation, and Methodological Innovations Under Development, Part 2</b> 10:30 a.m.–11:15 a.m. CC-Hall C	Why Machines Matter for Survey and Social Science Researchers: Exploring How Machine Learning Methods Can Be Applied to the Design, Collection and Analysis of Social Science Data <b>Antje Kirchner, Trent Burskirk</b> A Practical Guide to Small Area Estimation, Illustrated Using the Ohio Medicaid Assessment Survey <b>Rachel Harter, Amang Sukasih, Jeniffer Iriondo-Perez, Akhil Vaish</b>	

Session Information		Tuesday, July 30
<b>333: Adaptive Survey Design: Recent Advances and New Potential</b> 10:30 a.m.–12:20 p.m. CC-505	Responsive and Adaptive Survey Design: Use of Bias Propensity During Data Collection to Reduce Nonresponse Bias <i>Daniel Pratt, Andrey Peytchev, Michael Duprey</i>	
<b>344: Expanding Data Utility - Issues in Disclosure and Modeling</b> 10:30 a.m.–12:20 p.m. CC-506	Arrest-Related Deaths Program Redesign Study: Pilot Survey Measures of Decedent and Incident Characteristics <i>Kevin Scott, Duren Banks, Michael Planty, Lance Couzens, Erin Kennedy, Philip Lee, Connor Brooks</i>	
<b>379: Achieving Adequate Representation When Surveying Rare Populations</b> 2:00 p.m.–3:50 p.m. CC-501	Hybrid Estimates for Rare Populations: Probability Surveys Augmented with Targeted Nonprobability Samples <i>Jill Dever</i>	
<b>419: Contributed Poster Presentations: Government Statistics Section</b> 2:00 p.m.–3:50 p.m. CC-Hall C	Factors Associated with Rural Disparities in Early-Season Influenza Vaccination Among U.S. Adults, 2018–19 Influenza Season <i>Anup Srivastav, Pengjun Lu, Tammy A Santibanez, Ashley Amaya, Jill Dever, Marshica Stanley Kurtz, Jessica Roycroft, Walter W Williams</i>	
Session Information		Wednesday, July 31
<b>474: Survey Sampling and Variance Estimation: Recent Innovations — Contributed Papers</b> 8:30 a.m.–10:30 a.m. CC-701	<i>Craig Hill, Chair</i>	
<b>511: Statistical Applications in the Physical Sciences — Contributed Papers</b> 10:30 a.m.–12:20 p.m. CC-104	Characterizing Lane Change Behavior from Trajectory Data <i>Alan Karr</i>	
<b>548: Total Survey Errors in the Combination of Probability and Nonprobability Samples</b> 2:00 p.m.–3:50 p.m. CC-603	Combining Data from a Probability and Nonprobability Sample Using a Composite Estimator <i>Burton Levine</i>	
Session Information		Thursday, August 1
<b>606: Address-Based Frame Enhancement: Recent Experience and Developments</b> 8:30 a.m.–10:20 a.m. CC-301	<i>Rachel Harter, Chair</i> <hr/> Developing and Evaluating a New Metric for Address-Based Sampling Frame Quality Assessment <i>Stephanie Zimmer, Ashley Amaya</i>	
<b>656: Using Unique Associations to Address Health Policy Questions — Contributed Papers</b> 10:30 a.m.–12:20 p.m. CC-705	Integration of Clinical and National Health Care Survey Data to Inform Disparities <i>Steven Cohen</i>	