Westat

Improving Lives Through Research®

Westat @ JSM 2019

Data to discovery.
Discovery to solutions.

Westat offers innovative professional services to help clients improve outcomes in health, education, social policy, and transportation. We are dedicated to improving lives through research.

We're excited to be in Denver, supporting the conference as a Silver sponsor and sharing our range of expertise and innovative ideas with colleagues from around the globe.

Sunday, July 28

▶ **2:00 – 3:50 PM**
Worldwide Statistics Without Borders: Community Service Impact on Client Decision Making
CC-703
Panel: David Marker (Westat); Gary Shapiro (Statistics Without Borders); Cathy Furling (Statistics Without Borders)

▶ **2:00 – 3:50 PM**
Challenges and Breakthroughs in Analyzing Big Survey Data
CC-505
`Paper` A Model-Based Approach to Predict Employee Compensation Components
Andreea Erciulescu, Jean Opsomer (Westat)

▶ **2:00 – 3:50 PM**
To the Point: Critical Skills and Knowledge to Be Successful in Academia, Industry, and the Government
CC-205
Panel: David Morganstein, Jeri Mulrow (Westat); Joan Chmiel, Mary J. Kwasny (Northwestern University); John Bailer (Miami University)

▶ **2:00 – 3:50 PM**
Multinational, Multiregional, and Multicultural Surveys (3MC): A Burgeoning Sub-Discipline in Survey Research Methods
CC-504
Discussant: Brad Edwards (Westat)

▶ **2:00 – 3:50 PM**
SPEED: Survey Methods, Transportation Studies, Socioeconomics, and General Statistical Methods, Part 1
CC-502
`Oral Presentation` A Modeling Approach to Compensate for Selection Bias in Surveys
Tien-Huan (Amy) Lin, Ismael Flores Cervantes (Westat)

▶ **5:05 – 5:50 PM**
SPEED: Survey Methods, Transportation Studies, Socioeconomics, and General Statistical Methods, Part 2
CC-Hall C
`Poster` A Modeling Approach to Compensate for Selection Bias in Surveys
Tien-Huan (Amy) Lin, Ismael Flores Cervantes (Westat)

Monday, July 29

▶ **8:30 – 10:20 AM**
Maximizing the Impact of Statistical Collaboration
CC-703
Discussant: David Morganstein (Westat)

▶ **10:30 – 12:20 PM**
SPEED: Improving Survey Data Quality with Multiple Data Sources, Administrative Data, and Nonresponse Bias Control, Part 1
CC-103
`Oral Presentation` Comparison of Alternative Variance Estimators for Raking in the Presence of Nonresponse
Daifeng Han (Westat); Richard Valliant (University of Maryland and University of Michigan)

`Oral Presentation` Measures for Identifying Highly Associated Categorical Variables in Survey Data
Natalia Weil, Ismael Flores Cervantes (Westat)

▶ **2:00 – 2:45 PM**
SPEED: Improving Survey Data Quality with Multiple Data Sources, Administrative Data, and Nonresponse Bias Control, Part 2
CC-Hall-C
`Poster` Comparison of Alternative Variance Estimators for Raking in the Presence of Nonresponse
Daifeng Han (Westat); Richard Valliant (University of Maryland and University of Michigan)

`Poster` Measures for Identifying Highly Associated Categorical Variables in Survey Data
Natalia Weil, Ismael Flores Cervantes (Westat)

▶ **2:00 – 3:50 PM**
Evolving Survey Inference in the Big Data Era: Challenges and Opportunities
CC-603
`Paper` Revisiting Design-Based Inference
Jean Opsomer (Westat)

▶ **4:00 – 5:50 PM**
Statistics Without Borders Business Meeting
H-Mineral Hall A
Chair: Jean Opsomer (Westat)

Tuesday, July 30

▶ **8:30 – 10:20 AM**
SPEED: Big Data, Small Area Estimation, and Methodological Innovations Under Development, Part 1
CC-103
`Oral Presentation` Re-Examining File Level Re-Identification Risk Assessment
Lin Li, Jane Li, Tom Krenzke (Westat); Natalie Shlomo (University of Manchester)

▶ **8:30 – 10:20 AM**
Providing Access to Useful Data While Preserving Confidentiality
CC-709
`Paper` Pseudonymisation to Anonymisation: Addressing the GDPR in Survey Microdata
Jane Li, Tom Krenzke, Leyla Mohadjer, Lin Li (Westat)

▶ **10:30 – 11:15 AM**
SPEED: Big Data, Small Area Estimation, and Methodological Innovations Under Development, Part 2
CC-Hall C
`Poster` Re-Examining File Level Re-Identification Risk Assessment
Lin Li, Jane Li, Tom Krenzke (Westat); Natalie Shlomo, (University of Manchester)

▶ **10:30 – 12:20 PM**
Building Future Leaders: Perspectives on Training in Ethics, Professionalism, and Leadership
CC-102
Chair: David Morganstein (Westat)

▶ **2:00 – 3:50 PM**
Achieving Adequate Representation When Surveying Rare Populations
CC-501
`Paper` Application of Nonprobability and Probability-Based Link-Tracing Approaches to Sampling Out-of-School Youth in Developing Countries
Tom Krenzke, Leyla Mohadjer (Westat)

Wednesday, July 31

▶ **8:30 – 10:20 AM**
Distracted Driving and Other Transportation Considerations
CC-210/212
`Paper` Predictive Modeling of Errors in Child Restraint System Use
Elizabeth Petraglia, Doreen De Leonardis, Amy Benedick (Westat)

▶ **8:30 – 10:20 AM**
Survey Sampling and Variance Estimation: Recent Innovations
CC-701
`Paper` Deriving Asymptotic Properties of Survey Sampling Estimators
Ismael Flores Cervantes (Westat)

▶ **10:30 AM – 12:20 PM**
Data Fabrication and Falsification: Protecting the Credibility and Impacts of Surveys
CC-205
Panel: Jill DeMatteis (Westat); Linda Young (U.S. Department of Agriculture); Jim Dahlhamer (Centers for Disease Control and Prevention)

▶ **10:30 AM – 12:20 PM**
Propensity Score Methods to Conduct Observational Studies Using Complex Survey Data
CC-108
`Paper` Causal Inference Using Propensity Score Methods with Clustered Survey Data
Hyunshik Lee, Duck-He Yang, Ning Rui (Westat)

▶ **10:30 AM – 12:20 PM**
Small Area Estimation with Relaxed Modeling Assumptions
CC-106
Organizer: Andreea Erciulescu; Chair: Jane Li (Westat)

▶ **2:00 – 3:50 PM**
Total Survey Errors in the Combination of Probability and Nonprobability Samples
CC-603
Discussant: Jill DeMatteis (Westat)

Thursday, August 1

▶ **8:30 – 10:20 AM**
Address-Based Frame Enhancement: Recent Experience and Developments
CC-301
`Paper` A Review of Address Coverage Enhancement Scheme for In-Person Household Surveys
Michael Jones, Sylvia Dohrmann, Graham Kalton, Jean Opsomer (Westat)

`Paper` Evaluation of Dwelling Unit Frame Coverage Enhancement: Case Study of the 2017 PIAAC Survey
Wendy Van de Kerckhove, Leyla Mohadjer, Tom Krenzke, Weijia Ren (Westat)

▶ **10:30 AM – 12:20 PM**
Evaluating and Reducing Nonsampling Errors in Surveys
CC-505
Chair: Andreea Erciulescu (Westat)