

Westat @ 2020 JSM



Westat Experts @ 2020 JSM



Shelley
Brock Roth



William Cecere



Jay Clark



Jill DeMatteis



Andreea
Erculescu



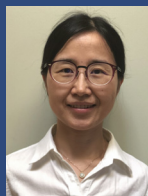
Robert Fay



Graham Kalton



Tom Krenzke



Lin Li



David Marker*



Stephanie
Mendoza



Leyla Mohadjer



David
Morganstein



Jeri Mulrow



Jean Opsomer



Elizabeth
Petraglia



Weijia Ren



Minsun Riddles



Darby Steiger**



Wendy
Van de Kerckhove

*All participants are with Statistical and Evaluation Sciences, except * Public Health & Epidemiology, and ** Social Policy & Economic Research.
Not pictured: Michael Jones, Jennifer Kali, Jianzhu Li and Amy Lin.*

In Memory of Chris Skinner and TMF Fred Smith Invited Papers

Memorial

► 1:35 pm

Fred Smith and Chris Skinner: Personal Reminiscences

Graham Kalton, Westat

Private Data for the Public Good: Formal Privacy in Survey Organizations – Invited Papers

Social Statistics Section, Survey Research Methods Section, Committee on Privacy and Confidentiality



Organizer

Tom Krenzke, Westat

Chair

Tom Krenzke, Westat

New Research in Small Area Estimation – Contributed Papers

Survey Research Methods Section



Preparing Estimates of Proficiency and Their Variances for PIAAC Small Area Estimation Models

Lin Li,* Weijia Ren, Robert Fay, Wendy Van de Kerckhove, Jianzhu Li, Tom Krenzke, Westat



Unit-Level vs. Area-Level Small Area Estimators, Revisited

Robert Fay, Westat



Covariate Selection Method for Small Area Estimation Modeling of the Proficiency of Adult Competency

Weijia Ren,* Jianzhu Li, Andreea Erciulescu, Tom Krenzke, Leyla Mohadjer, Westat

Contributed Poster Presentations

Survey Research Methods Section



Addressing Outcome-Related Nonresponse Through a Doorstep Interview

Wendy Van de Kerckhove,* Tom Krenzke, Leyla Mohadjer, Westat

Using Multiple Sources of Data to Assess and Improve Data Quality – Topic Contributed Papers

Government Statistics Section, Health Policy Statistics Section, Survey Research Methods Section

► 1:45 pm

Using External Sources for Evaluating and Mitigating Nonresponse Bias and Sampling Variability

Tala Fakhouri,* Crescent Martin, Te-Ching Chen, National Center for Health Statistics; Jay Clark, Minsun Riddles, Leyla Mohadjer, Westat; Joseph Afful, Peraton

Combining Information from Multiple Sources for Various Purposes – Topic Contributed Papers

Survey Research Methods Section, Government Statistics Section,
Section on Statistics and the Environment



Organizer

Andreea Erciulescu, Westat

Chair

Weijia Ren, Westat



1:25 pm

Sample-Based Calibration of Two Surveys

Jean Opsomer,* Andreea Erciulescu, Westat



1:45 pm

A Bridging Model to Reconcile Statistics Based on Data from Multiple Surveys

Andreea Erciulescu,* Jean Opsomer, Westat; Jay Breidt, Colorado State University

* Presenter

New Methods for Survey Weighting and Variance Estimation – Contributed Papers

Survey Research Methods Section



Creating Proper Weights with Few PSUs: A Comparison of a GREG Adjustment to Calibration for National Health and Nutrition Examination Survey (NHANES) 2017-2018 Weights

Te-Ching Chen,* National Center for Health Statistics;
Jay Clark, Minsun Riddles, Westat

125 Years of Representative Sampling: Important Contributions in the History of Survey Statistics – Topic Contributed Papers

Survey Research Methods Section, History of Statistics Interest Group

► 10:05 am

Probability vs. Nonprobability Sampling?

From the Birth of Survey Sampling to the Present Day

Graham Kalton, Westat

Recursive Partitioning for Modeling Survey Data and Randomized Trials – Topic Contributed Papers

Survey Research Methods Section, Government Statistics Section, Social Statistics Section

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- **10:25 am** **A Comparison of Classification and Regression Tree Methodologies When Modeling Survey Nonresponse**
William Cecere,* Amy Lin, Jennifer Kali, Michael Jones, Westat
-
- **10:45 am** **Identifying Cluster-Level Predictors While Controlling for Unit-Level Characteristics in Clustered Data**
Elizabeth Petraglia, Westat
-
- **11:05 am** **Fitting Classification Trees Accounting for Complex Survey Design**
Minsun Riddles,* Jean Opsomer, Elizabeth Petraglia, Westat
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Paradata and Responsive Survey Design – Contributed Papers

Survey Research Methods Section



Evaluation of Key Performance Indicators for Interviewer Falsification Suspicion from Paradata and Interview Data

Tom Krenzke,* Weijia Ren, Wendy Van de Kerckhove, Stephanie Mendoza, Westat

Recent Advances in Sample and Survey Design – Contributed Papers

Survey Research Methods Section



Chair

Minsun Riddles, Westat



Methodological Challenges in Estimating the Size of the Jewish Population in Greater Philadelphia

David Marker,* Shelley Brock Roth, Darby Steiger, Jill DeMatteis, Westat

Survey Research Methods Section – PM Roundtable Discussion



Developments in Address-Based Sampling

Moderator

Jill DeMatteis, Westat

E Pluribus Unum: Achieving Your Potential in Statistics Through Different Organizations – Topic Contributed Panel

Royal Statistical Society, Committee on Membership Retention and Recruitment, ENAR, Council of Emerging and New Statisticians (CENS)

► 1:05 pm

E Pluribus Unum: Achieving Your Potential in Statistics Through Different Organizations

Panelists:

Will Eagan, Purdue University

Jeri Mulrow, Westat

Renee Helene Moore, Emory University

Shelley Han Liu, Icahn School of Medicine at Mount Sinai

Abie Ekangaki, Premier Research

GSS/SRMS/SSS Student Paper Award Winners – Topic Contributed Papers

Government Statistics Section, Survey Research Methods Section, Social Statistics Section



Organizer

William Cecere, Westat

Chair

Jean Opsomer, Westat
