INTERNATIONAL TOTAL SURVEY ERROR WORKSHOP 2018

“Approaches for Mitigating Total Survey Error (TSE) and its Effects”
June 3-6, 2018

DURHAM, NORTH CAROLINA
Hosted by the Duke Initiative on Survey Methodology and The Odum Institute for Research in Social Science

WELCOME

The International Total Survey Error Workshop (ITSEW) brings together survey researchers, practitioners, and methodologists (especially in national statistics offices) to foster exchange of ideas and preliminary research findings toward a better understanding of total survey error. It has been held annually since 2005 and typically gathers 50-60 attendees.

The goals of the workshop include:
~Reviewing progress on important TSE problems
~Defining current data quality problems in detail, and articulating a research agenda to address them
~Forming research collaborations to carry out needed research
~Identifying emerging research needs at an early stage

The theme of the workshop is “Approaches for Mitigating Total Survey Error (TSE) and Its Effects.” Consistent with this theme, we are especially interested in topics such as adaptive design and data collection strategies, methods for combining and analyzing data from multiple sources, and minimizing TSE when using non-probability surveys.

SUNDAY, JUNE 3, 2018

6:00 PM    Kickoff Dinner
The Pit Durham
321 W Geer St.
Durham, NC 27701

Keynote address by Dr. Roger Tourangeau
Vice President, Westat
Past president, American Association for Public Opinion Research (AAPOR)
MONDAY, JUNE 4, 2018

Registration MDC, 307 W Main St., Durham, NC 27701

8:30-9:00 AM   Registration

9:00-10:30 AM   Panel 1.1: Data Quality
Chair: Stephanie Eckman
~Ting Yan, Roger Tourangeau, Hanyu Sun, Douglas Williams, and Rossalyn Yang. “Understanding the Determinants of Reliability”
~Paulina Pankowska, Dimitris Pavlopoulos, Daniel Oberski, and Bart Bakker. “Dependent Interviewing – A Remedy or a Curse for Measurement Error in Surveys?”

10:30-11:00 AM  Coffee Break

11:00 AM- 12:30 PM  Panel 1.2: TSE & Managing the Interviewing Process
Chair: Teresa Edwards
~Sarah Staveteig. “Interviewer Effects on Response to Sensitive Questions: Evidence from Demographic and Health Surveys in Six Countries”
~J. Daniel Montalvo, Mitchell Seligson, and Elizabeth Zechmeister. “A Package of Innovations to Improve Adherence to Area Probability Sample Designs: Remote Interview Geo-locating of Households in real-Time (RIGHT©)”
MONDAY, JUNE 4, 2018

12:30-1:30 PM  **Keynote Address** (lunch provided)
“How Sources of Errors Cumulate”
_Dr. Roger Tourangeau_, Vice President, Westat
Past president, American Association for Public Opinion Research

1:30-3:00 PM  **Panel 1.3: Social Media and New Uses of Media Tools**
Chair: _Victoria Dounoucos_
~Silvia Biffignandi, Camilla Salvatore, and Annamaria Bianchi. “Can Big Data Provide Good Quality Statistics? A Case Study on Sentiment Analysis on Twitter Data”
~Marcus Berzofsky. “A Probability Sample from Twitter: Measuring and Controlling TSE?”
~Burton Levine and Karol Krotki. “Evaluating Bias in Redirected Inbound Call Sampling Surveys”

3:00-3:30 PM  **Coffee Break (Sponsored by RTI)**

3:30-5:00 PM  **Panel 1.4: Measurement**
Chair: _Jacob Montgomery_
~Rupa Datta. “Every Step Counts: Accurate Identification of Public Funding Streams in Centers Providing Early Care and Education”
~Terri Guengerich. “Measuring Stress: A Comparison and Assessment of Four Methods Among Adults 40-Plus”

_Dinner on your own_
TUESDAY, JUNE 5, 2018

MDC, 307 W Main St., Durham, NC 27701

9:00-10:30 AM  Panel 2.1: TSE: Education & Applications
Chair: Alan Karr
~Claude Girard. "Raising Awareness of Survey Practitioners on the Usefulness of the Total Survey Error Paradigm"
~Kathrin Thomas and Michael Robbins. "The Total Survey Error Paradigm and Challenges to its Application to the Arab World"
~Brady West and Joe Sakshaug. "The Problem of Analytic Error in Secondary Analysis of Survey Data: What We Know, and What We Need to Do About It"

10:30-10:50 AM  Coffee Break

10:50 AM-12:20 PM  Panel 2.2: Understanding Survey Response and Panel Attrition
Chair: Laura Frankel
~Bradley Spahn. "Panel Attrition and Conditioning: Implications for Measuring Turnout"
~Michael Bailey. "Designing Surveys to Account for Endogenous Non-Response"
~Matthew DeBell. "Analysis of Response Propensities and Bias in a Nationwide Dual-Mode Survey"

12:20-1:40 PM  Lunch Break: Tobacco Road, 280 S. Mangum Street (Sponsored by Qualtrics)

1:40-3:10 PM  Panel 2.3: Non-response, Coverage Errors, and Imputation
Chair: Alexandra Cooper
~Natalie Jackson. "How Respondent Demographics and Survey Design Interact as Determinants of Item Nonrespond and Data Quality"
~Christopher Claassen. "Estimating Smooth Country by Year Panels of Public Opinion"
TUESDAY, JUNE 5, 2018

3:10-3:30 PM  Coffee Break

3:30-5:00 PM  Panel 2.4: Propensity Scores in TSE  
Chair: Jill Dever
~Evrim Oral and Samantha Spiers. "Utilizing the Best Link Function in Propensity Score Weighting Adjustment"

6:00 PM  Optional Social Outing (Space is limited)  
Tour & Tasting at The Durham Distillery  
711 Washington Street  
Sponsored by the Duke Initiative on Survey Methodology

7:30 PM  Optional Group Dinner (Self-pay)  
Bull City Burger and Brewery  
107 East Parrish Street
WEDNESDAY, JUNE 6, 2018

MDC, 307 W Main St., Durham, NC 27701

9:00-10:30 AM  Panel 3.1: Linkage
Chair: Kyle Endres
~Mary Mulry, Nancy Bates, and Matt Virgile. "Using Lifestyle Segments to Enhance Response Propensity Models and Design Nonresponse Interventions"
~Alan Karr. "Record Linkage as a Component of Total Survey Error"
~Paul Biemer and Ashley Amaya. "Some Tools for Assessing and Improving the Accuracy of Hybrid Estimators"

10:30-11:00 AM  Coffee Break

11:00 AM-12:00 PM  Roundtable on the future of TSE
Panelists: Ruben Bach, Paul Biemer, Sunshine Hillygus, and Brady West.
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THANK YOU

ITSEW
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