

6th INTERNATIONAL WORKSHOP FOR
 ADVANCES IN ADAPTIVE AND RESPONSIVE SURVEY DESIGN: FROM THEORY TO PRACTICE
 United States Census Bureau
 November 4 – 5, 2019

Day One, Monday, November 4, 2019	
09:00 – 09:20	Registration
09:20 – 09:30	Opening Remarks
	Dr. John Eltinge, Assistant Director For Research & Methodology, U.S. Census Bureau
09:30 – 10:15	Keynote Address (Chair: Barry Schouten)
	<i>Adaptive Designs in Surveys and Clinical Trials: Similarities, Differences, and Opportunities for Cross-fertilization</i> Dr. Thomas A. Louis Professor Emeritus of Biostatistics, John Hopkins University Previous Associate Director for Research and Methodology, US Census Bureau (2013-2015)
10:15 – 10:30	Break
10:30 – 11:40	Models for Measurement, Nonresponse, and Cost (Chair: Natalie Shlomo)
	<i>Predicting Survey Costs under Alternative Designs in a Responsive Design Framework</i> James Wagner, Michael Elliott, Brady West (SRC-University of Michigan, JPSM), Stephanie Coffey (U.S. Census Bureau, JPSM)
	<i>Increasing Survey Response Rates and Decreasing Costs by Combining Numeric and Text Mining Strategies on Survey Paradata</i> ; Sudip Bhattacharjee, N. Basdeo, U. Etudo, J. Kang, J.C. Langer, S.A. Senadeera (U.S. Census Bureau)
	<i>The Complications of Building a Cost Estimate for a National, Multiphase Survey</i> Kayla Varela (U.S. Census Bureau)
11:40 – 01:00	Lunch
01:00 – 02:20	Paradata and Other Auxiliary (Chair: Asaph Young Chun)
	❖ <i>Statistical & Operational Challenges for Implementing Adaptive Survey Designs</i> Don Jang (NORC, University of Chicago)
	<i>Come and Knock On Our Door: Evaluating the Impact of Varying Rules for Case Follow-Up Using Linked Survey Paradata and Administrative Records</i> Casey Eggleston, Jonathan Eggleston (U.S. Census Bureau)
	<i>Using Auxiliary Data to Tailor Response Mode Within a Sequential Mixed-Mode Two-Phase Household Survey</i> ; Cameron McPhee, Rebecca Medway (AIR)
02:20 – 02:35	Break
02:35 – 03:45	Design Features & Interventions (Chair: Don Jang)
	<i>Using Preliminary Estimates to Reduce the Data Collection Period in Repeated Surveys</i> Lou Rizzo, Minsun Riddles, David Marker (Westat)
	<i>Exploring the Use of FedEx Mailings as an Adaptive Intervention in an ABS Study</i> Mickey Jackson (AIR)
	<i>Using Text Messages to Increase Interviewer Compliance in the SIPP</i> Kevin Tolliver (U.S. Census Bureau)
03:45 – 04:00	Break
04:00 – 04:50	Applications & Implementations in Establishment Surveys (Chair: James Wagner)
	<i>An Embedded Experiment for Targeted NRFU in Establishment Surveys</i> Katherine Jenny Thompson, Stephen J. Kaputa (U.S. Census Bureau), Jennifer Beck (NCSES)
	<i>Conducting Targeted NRFU in the Economic Census in an Adaptive Design Framework</i> Stephen J. Kaputa, Yukiko Ellis (U.S. Census Bureau)

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Day Two, Tuesday, November 5, 2019	
09:30 – 10:15	Keynote Address (Chair: Natalie Shlomo)
	<i>Responsive Designs: Some Recent Research Findings</i> Dr. Michael R. Elliott Professor, Department of Biostatistics; Research Professor, Survey Research Center, University of Michigan
10:15 – 10:30	Break
10:30 – 11:40	Incorporating Historical Data and Bayesian Methods (Chair: Benjamin Reist)
	<i>Time-Dependent Survey Design Parameters: Choosing the Length of Historic Survey Data in a Bayesian Analysis, Application to the Dutch Health Survey</i> Nino Mushkudiani, Barry Schouten (Statistics Netherlands)
	<i>A Bayesian Analysis of Nonresponse for Adaptive Survey Design Accounting for Time Change in Response Propensities</i> Shiya Wu (Utrecht University), Barry Schouten (Statistics Netherlands, Utrecht University), HarmJan Boonstra (Statistics Netherlands), Mirjam Moerbeek (Utrecht University)
	<i>Do Experts Agree? Bayesian Priors for Predictions of Response Propensity from Expert Elicitation</i> Stephanie Coffey (U.S. Census Bureau, JPSM); Brady West, James Wagner, Mike Elliott (SRC, JPSM)
11:40 – 01:00	Lunch
01:00 – 02:10	Applications & Implementations in Demographic Surveys (Chair: Barry Schouten)
	<i>Integration of Survey and Administrative Data Collection: A Responsive and Adaptive Survey Design with Multiple Imputation</i> Andy Peytchev, Peter Siegel, Jennifer Wine, Jeremy Porter (RTI International)
	<i>Responsive Design in the FoodNet Population Survey: Assessing Sampling Frame, Mode, Incentive Type, and Child Selection</i> Matt Jans, Randy ZuWallack, Robynne Locke, Jamie Dayton (ICF); Elynn Marder, Aimee Geissler (CDC)
	<i>Adaptive Survey Design Development and Evaluation for US PIAAC</i> Minsun Riddles, Tom Krenzke, Natalie Shlomo (Westat)
02:10 – 02:25	Break
02:25 – 03:45	Survey Management and Future Opportunities (Chair: Stephanie Coffey)
	❖ <i>Responsive and Adaptive Design for Survey Optimization Across the Pacific</i> Asaph Young Chun (Statistics Research Institute, Statistics Korea)
	<i>Managing (SIPP) with Adaptive and Responsive Design</i> Jason Fields (U.S. Census Bureau)
	<i>Use of Adaptive and Responsive Design Concepts and Methods in the Integration of Multiple Data Sources</i> John L. Eltinge (U.S. Census Bureau)
03:45 – 04:15	Final Wrap Up and Discussion (Discussant: Barry Schouten)

❖ Invited Talk By Program Committee