U.S. Census Bureau Presenters at JSM 2019

Day	Time/Session/Room			Topic	Presenter or Chair
Sunday 7/28/2019	2:00 PM – 3:50 PM	10	CC-505	Challenges and Breakthroughs in Analyzing Big Survey Data	Eric Slud, Chair
			3:20 PM	Regression Composite Estimation for Current Population Survey	Timothy Trudell
	2:00 PM – 3:50 PM	26	CC-603	Data For Social Good: Opportunities and New Directions	Redouane Betrouni, Chair
	2:00 PM – 3:50 PM	29	CC-502	SPEED: Survey Methods, Transportation Studies, SocioEconomics, and General Statistical Methods Part 1	
			2:05 PM	Frame Development and Sample Design for the 2018 National Survey of Children's Health	Emilee Sizemore
			2:15 PM	A Comparison of Clustering Criteria for Evaluating Multivariate Stratifications of Primary Sampling Units	Padraic Murphy
	4:00 PM – 5:50 PM	69	CC-603	Deming's Statistical Legacy	John L. Eltinge, Chair
	5:05 PM – 5:50 PM	89	CC-Hall C	SPEED: Survey Methods, Transportation Studies, SocioEconomics, and General Statistical Methods Part 2	
			20	Frame Development and Sample Design for the 2018 National Survey of Children's Health	Emilee Sizemore
			22	A Comparison of Clustering Criteria for Evaluating Multivariate Stratifications of Primary Sampling Units	Padraic Murphy
Monday 7/29/2019	7:00 AM – 8:15 AM	96	H-C Bllrm G-H	Survey Research Methods Section A.M. Roundtable Discussion (Added Fee)	
		ML07:		Using Behavioral Insights to Increase Response Rates	Victoria A Velkoff
	8:30 AM – 10:20 AM	124	CC-503	Implementing the 2018 Standard Occupational Classification System in the Federal Statistical System	Heide Jackson, Chair
			8:35 AM	Panelist	Lynda Laughlin
	8:30 AM – 10:20 AM	128	CC-103	SPEED: Biometrics and Biostatistics Part 1	
			9:20 AM	Statistical Assessment of Bovine Body Weight via Functional Gait Data	Andrew Raim
	8:30 AM – 10:20 AM	138	CC-504	Modeling applications for backcasting, nowcasting and forecasting	
			8:35 AM	Using American Community Survey Data to Improve Estimates from Smaller Surveys through Bivariate Small Area Estimation Models	Carolina Franco
			9:05 AM	Model-assisted Estimation of Mixed-Effect Model Parameters in Complex Surveys	Eric Slud
			9:50 AM	Variable selection for multinomial logistic regression modeling to assign one of six census mindsets to database records	Mary H. Mulry
	10:30 AM – 12:20 PM	153	CC-101	Developing Multi-Purpose Imputed or Synthetic Data for Official Statistics	Demetra Lytras, Chair
			11:35 AM	Developing Synthetic Data from the Economic Census Under Edit and Calibration Restrictions	Katherine J Thompson
	10:30 AM – 12:20 PM	157	CC-102	Big Survey Meets Big Data: Integrating Administrative Data into the American Community Survey	Victoria A Velkoff, Chair
			10:35 AM	Broad Roles for Administrative and Third-Party Data in the ACS	Jennifer Ortman
			10:55 AM	Preliminary Research Investigating the Use of Administrative Records in the American Community Survey (ACS)	Nikolas Pharris-Ciurej
			11:15 AM	Simulating ACS Housing Estimates Using Administrative Data	Robert Sawyer
			11:35 AM	Measuring Income Using Administrative Data	Jonathan L. Rothbaum
			11:55 AM	Incorporating Administrative Data in ACS Editing and Imputation Procedures	Sandra Clark
	11:35 AM – 12:20 PM	196	CC-Hall C	SPEED: Biometrics and Biostatistics Part 2	
			30	Statistical Assessment of Bovine Body Weight via Functional Gait Data	Andrew Raim
	12:30 PM – 1:50 PM	207	H-C Bllrm G-H	Social Statistics Section P.M. Roundtable Discussion (Added Fee)	
		ML18:		Creating a Home for Social Scientists within ASA	Paul Beatty
	2:00 PM – 3:50 PM	242	CC-506	Issues in frame quality and accuracy assessments	
			2:35 PM	An Age-Period-Cohort Analysis of Census Net Undercount Rates from 1940 to 2010 Using Demographic Analysis	Eric Jensen
			2:50 PM	Incorporating Variance and Geographic Specificity into the Imputation Frame Used in Weighting the American Community Survey Group Quarters Sample.	Dirk Bullock
			3:05 PM	Using Statistical Models in Place of Clerical Matching in the Census 2020 Post-Enumeration Survey to Produce Estimates of Census Housing Unit Coverage	Michael Beaghen
			3:20 PM	Address Canvassing for the 2018 End-to-End Census Test	Shannon McDougall
			3:35 PM	Imputation Models using Automated Probability Matching Results	Glenn Reisch
	2:00 PM – 3:50 PM	248	CC-502	Machine Learning in Science and Industry	
			2:35 PM	Using Machine Learning to Assign North American Industry Classification System Codes to Establishments Based on Business Description Write-Ins	Brian Dumbacher
	2:00 PM – 3:50 PM	255	CC-Hall C	Contributed Poster Presentations: Section on Statistical Computing	
			46	Fitting Flexible Models for Count Data: COM-Poisson Regression, Bivariate, Multinomial and Mixed Models	Darcy Steeg Morris
Tuesday 7/30/2019	7:00 AM – 8:15 AM	264	H-C Bllrm G-H	Government Statistics Section A.M. Roundtable Discussion (Added Fee)	
		TL03:		Synthetic data as an alternative to PUMS: Challenges, Successes, and Issues	Katherine J Thompson
	8:00 AM – 12:00 PM	CE_22C	CC-303	An Introduction to Differential Privacy (ADDED FEE) Instructor Instructor Instructor	Philip Leclerc William Sexton Robert Ashmead
	8:30 AM – 10:20 AM	275	CC-106	Improvements to the Current Population Survey Annual Social and Economic Supplement and Implications for Estimates of Income, Poverty, and Health Insurance Coverage	Jonathan L. Rothbaum, Chair
			8:35 AM	Processing changes to the Current Population Survey Annual Social and Economic Supplement	Trudi Jane Renwick
			8:55 AM	Changes to the Household Relationship Data in the Current Population Survey	Stephanie Galvin
			9:15 AM	Updating the Current Population Survey Processing System and Bridging Differences in the Measurement of Poverty	John Creamer
			9:35 AM	Health Insurance in the United States: Evaluating the Effects of Changes	Edward Berchick
	8:30 AM – 10:20 AM	295	CC-103	SPEED: Big data, Small Area Estimation, and Methodological Innovations Under Development, Part 1	
			8:35 AM	Using paradata to explore users pathways through web surveys	Renee Ellis
			8:50 AM	Assessing the Relationship between Balanced Sample and Sample Representativity	Yonil Park
			9:05 AM	Modifying State Sample Sizes for the National Crime Victimization Survey	Samantha Spiers
			9:10 AM	Small Area Estimates of the Child Population and Poverty in School Districts using Dirichlet-Multinomial models	Jerry Maples
	8:30 AM – 10:20 AM	300	CC-710	Innovations in and applications of imputation	
			8:50 AM	Imputing seasonal data in an advanced indicator with forecasts from X-13ARIMA-SEATS	Nicole Czaplicki
			9:05 AM	Multiple Imputation within the American Housing Survey	Sean Dalby

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Tuesday **7/30/2019**	10:30 AM – 12:20 PM	332	CC-712	Multivariate Time Series: Modeling and Estimation	
			10:35 AM	Applying the EM Algorithm to Multivariate Signal Extraction	James Livsey
			11:55 AM	A class of multivariate filters for trend extraction and statistical analysis of multiple related time series	Thomas Trimbur
	10:30 AM – 12:20 PM	333	CC-505	Adaptive Survey Design: Recent Advances and New Potential	Thomas Louis, Chair
			11:15 AM	Dynamic Interventions for Outcome Improvement: Minimizing Cost for a Fixed RMSE	Stephanie M Coffey
			11:55 AM	Use of Adaptive and Responsive Design Concepts and Methods in the Integration of Multiple Data Sources	John L. Eltinge
	10:30 AM – 12:20 PM	337	CC-502	SPEED: Methodological developments in social statistics, Part 1	
			10:40 AM	Measuring Impact of Tax Law Changes on CPS ASEC Tax Model	Bruce Webster
	10:30 AM – 12:20 PM	344	CC-506	Expanding data utility – issues in disclosure and modeling	
			11:20 AM	Overdispersed binomial small area models with application to poverty rate estimation	Patrick Joyce
	10:30 AM – 11:15 AM	354	CC-Hall C	SPEED: Big data, small area estimation, and methodological innovations under development, Part 2	
			18	Using paradata to explore users pathways through web surveys	Renee Ellis
			21	Assessing the Relationship between Balanced Sample and Sample Representativity	Yonil Park
			24	Modifying State Sample Sizes for the National Crime Victimization Survey	Samantha Spiers
			25	Small Area Estimates of the Child Population and Poverty in School Districts using Dirichlet-Multinomial models	Jerry Maples
	2:00 PM – 3:50 PM	389	CC-703	Official Statistics at the Crossroads: Data Quality and Access in an Era of Heightened Privacy Risk	Michael Hawes, Chair
				Panelist	John M. Abowd
	2:00 PM – 3:50 PM	406	CC-507	New Methodologies and Modern Data Applications	
			2:35 PM	Multidimensional Skills and the Returns to Schooling: Evidence from an Interactive Fixed Effects Approach and a Linked Survey-Administrative Dataset	Evan Totty
	2:00 PM – 3:50 PM	416	CC-701	Nonresponse Errors and Fixes	
			2:35 PM	A Comparison of Selective Versus Automatic Editing for Estimating Totals	Chin-Fang Weng
	2:00 PM – 2:45 PM	417	CC-Hall C	SPEED: Methodological developments in social statistics, Part 2	
			2	Measuring Impact of Tax Law Changes on CPS ASEC Tax Model	Bruce Webster
	2:00 PM – 3:50 PM	423	CC-Hall C	Contributed Poster Presentations: Survey Research Methods Section	
			84	Internet Self-Response Projections for the 2020 Census	Megan Parker
Wednesday **7/31/2019**	8:30 AM – 10:20 AM	458	CC-708	Differential Privacy Research and Applications at the U.S. Census Bureau	
			8:35 AM	Census Barriers Attitudes and Motivators Study: A Case Study in Differential Privacy at the U.S. Census Bureau	Caleb Floyd
			8:55 AM	Rationing out privacy-loss: proportional budget expenditure in the 2020 Decennial Census Disclosure Avoidance System.	William Sexton
			9:15 AM	Ensuring Output: Complex Constraints and Feasible Microdata under Differential Privacy	Philip Leclerc
			9:35 AM	Estimating the Variance of Complex Differentially Private Algorithms	Robert Ashmead
	8:30 AM – 10:20 AM	460	CC-104	Advances in Time Series Methodology	Rebecca Hutchinson, Chair
			8:35 AM	Quadratic Prediction of Time Series via Auto-Cumulants	Tucker McElroy
			8:55 AM	Seasonal Adjustment Subject to Frequency Aggregation Constraints	Osbert Pang
	8:30 AM – 10:20 AM	463	CC-103	SPEED: Methodological Advances in Time Series: B&E speed session, Part 1	
			9:10 AM	To Adjust or Not to Adjust? An Empirical Evaluation of Time Series with Unstable Seasonal Patterns	Demetra Lytras
	8:30 AM – 10:20 AM	469	CC-709	Using and linking administrative and auxiliary data	
			8:35 AM	The Research and Methodology on Staggering the 2020 Census Mailings	Ioana (Julia) Marasteanu
			8:50 AM	Analyzing Tradeoff Between Administrative Records Enumeration and Count Imputation	Andrew Keller
			9:05 AM	Estimating the Probability of Race Change	Larry Sink
			9:35 AM	The Promises and Challenges of Linked Rent Data from the Consumer Expenditure Survey and Housing and Urban Development	Garret Christensen
			10:05 AM	Assessment of Computer Availability and Internet Access Statistics to Improve the Planning Database's Low Response Score	Luke Larsen
	8:30 AM – 10:20 AM	474	CC-701	Survey Sampling and Variance Estimation: Recent Innovations	
			10:05 AM	An Elementary Derivation of Kadane's Optimal Dynamic Sampling Plan	Tommy Wright
	8:30 AM – 10:20 AM	475	CC-706	Understanding Threats to People, Data, and Privacy	Lynda Laughlin, Chair
	10:30 AM – 12:20 PM	505	CC-503	Formal privacy: Making an impact at large organizations	
				Panelist	Simson Garfinkel
	10:30 AM – 12:20 PM	508	CC-101	Forecasting and Modeling Financial Volatility	Tucker McElroy, Chair
	10:30 AM – 11:15 AM	519	CC-Hall C	SPEED: Methodological advances in time series: B&E speed session, Part 2	
			8	To Adjust or Not to Adjust? An Empirical Evaluation of Time Series with Unstable Seasonal Patterns	Demetra Lytras
	12:30 PM – 1:50 PM	540	H-C Bllrm G-H	Survey Research Methods Section P.M. Roundtable Discussion (Added Fee)	
			WL16:	What Do We Know About the Value of High-Quality Statistical Information? How Can We Learn More?	John L. Eltinge
	2:00 PM – 3:50 PM	565	CC-705	Time Series in Government and National Statistics	James Livsey, Chair
			2:25 PM	Using Daily Payment Processor Data to Determine Existence and Length of Retail Shopping Event Effects	Rebecca Hutchinson
	2:00 PM – 3:50 PM	579	CC-702	Sampling, Variance Estimation, and Advancements with Auxiliary Data	
			2:20 PM	Alternative Optimization Techniques for Sample Allocation in Surveys with National and Sub-National Precision Requirements	Thomas John Chesnut
	2:00 PM – 3:50 PM	580	CC-707	Methodological developments and implications for social scientists	Anthony G. Tersine, Chair
Thursday **8/1/2019**	8:30 AM – 10:20 AM	589	CC-207	**Learning from the Past – A History of Censuses**	
			8:35 AM	Who Writes Census History, and Why?	Margo Anderson
			9:05 AM	Evolution of the US Census: Politics, Society, Opportunity and Innovation	Howard Hogan
	8:30 AM – 10:20 AM	613	CC-504	Robust learning and posterior summary	Stephanie M Coffey, Chair
	8:30 AM – 10:20 AM	623	CC-302	Statistical Modeling: Benefits and Drawbacks	Asaph Young Chun, Chair
			8:35 AM	A Reconsideration of the Gibbs Sampler for Small Area Estimation Models	William Bell
	10:30 AM – 12:20 PM	631	CC-603	**Small Area Estimation: "Producing Estimates for Small Areas from Sampled Data"**	
			11:50 AM	Interpolating Distributions for Populations in Nested Geographies using Public-use Data with Application to the American Community Survey	Scott H. Holan
	10:30 AM – 12:20 PM	654	CC-505	Evaluating and reducing nonsampling errors in surveys	
			10:35 AM	Quarterly Financial Report Nonresponse Bias Analysis	Dhanapati Khatiwoda
			11:05 AM	Impact of Certified Mail on Nonresponse Rates	Redouane Betrouni
	10:30 AM – 12:20 PM	655	CC-506	Applications in the analysis of survey data	Katherine J Thompson, Chair
			11:50 AM	Robust Estimation of Employment & Finance Data Using Bayesian Inference for t-Mixture of Linear Mixed Models	Giang Trinh