WORKSHOP ON RESPONDENT BURDEN IN THE AMERICAN COMMUNITY SURVEY

March 8-9, 2016
The National Academies of Sciences, Engineering, and Medicine
Keck Center, 500 Fifth Street, NW, Room 100
Washington, DC

AGENDA

Tuesday March 8th

8:00 am  Continental Breakfast available

8:30 am  Welcome, Introductions
Connie Citro, Committee on National Statistics
John Thompson, Census Bureau

8:40 am – 9:30 am  Session I: Understanding Respondent Burden in the American Community Survey
Moderator: Brian Harris-Kojetin, Committee on National Statistics

Framework and Approach to Respondent Burden in this Workshop
Joe Salvo, New York City Department of City Planning

ACS Successes & Challenges Regarding Respondent Burden
Deborah Stempowski, Census Bureau

Defining, Measuring, and Mitigating Respondent Burden
Scott Fricker, Bureau of Labor Statistics

9:30 am – 11:00 am  Session II: Communicating with Respondents: Materials and the Sequencing of those Materials
Moderator: Linda Gage, State of California (retired)

American Community Survey Mail Contact Strategy and Research
Elizabeth Poehler, Census Bureau
Improving Response to the American Community Survey (ACS)
Don Dillman, Washington State University

ACS Respondent Materials and Sequencing: Application of a Responsive and Adaptive Survey Design Framework
Andy Peytchev, University of Michigan

Communicating with Respondents: Material and Sequencing in the ACS
Nancy Mathiowetz, University of Wisconsin-Milwaukee (emeritus)

Communicating the American Community Survey's Value to Respondents
Andrew Reamer, George Washington University

11:00 am – 11:15 am BREAK

11:15 am – 12:30 pm Session III: The American Community Survey: Communicating the Importance to the American Public
Moderator: Nancy Mathiowetz, University of Wisconsin-Milwaukee (emeritus)

Discussion with:
• Sandra Bauman, Bauman Research and Consulting
• Betty Lo, Nielsen
• George Terhanian, NPD Group

12:30 pm – 1:30 pm Lunch: lunch will be provided for all attendees

1:30 pm – 3:00 pm Session IV: Tailoring the Group Quarters Questionnaire
Moderator: David Dolson, Statistics Canada

The Feasibility of Tailoring Group Quarters Specific Questionnaires in the American Community Survey
Judy Belton, Census Bureau

Discussion with:
• Barbara Anderson, University of Michigan
• Mike Brick, Westat
• Lauren Harris-Kojetin, National Center for Health Statistics
• Colm O’Muircheartaigh, University of Chicago/NORC
• Andy Peytchev, University of Michigan

3:00 – 3:15 pm BREAK
3:15 pm – 4:45 pm  Session V: Use of Administrative Records to Reduce Burden and Improve Quality
Moderator: Julia Lane, New York University

*Use of Administrative Records to Reduce Burden and Improve Quality*
Amy O’Hara, Census Bureau

*Comments on “Use of Administrative Records to Reduce Burden and Improve Quality”*
Paul Biemer, RTI

*Use of Administrative Records to Reduce Burden and Improve Quality: A Discussion*
Mike Davern, NORC

4:45 pm - 5:15 pm  Session VI: Wrap-up: Discussion of Key Issues
Moderator: Linda Gage, State of California (retired)

5:15 pm       Adjourn

Wednesday March 9th

8:30 am       Continental Breakfast available

9:00 am – 10:30 am  Session VII: Matrix Sampling and Multi-phase Sampling
Moderator: Dave Hubble, Westat

*Overview of Feasibility Assessment of Using Matrix Sampling and Other Methods to Reduce Respondent Burden*
Mark Asiala, Census Bureau

*Utilizing Matrix Sampling to Reduce Respondent Burden*
Jeffrey Gonzalez, Bureau of Labor Statistics

*Planned “Missingness” Designs and the ACS*
Steve Heeringa, University of Michigan

Additional discussion by:
- Paul Biemer, RTI
- Mike Brick, Westat
- Colm O’Muircheartaigh, University of Chicago/NORC

10:30am – 10:45 am  BREAK
10:45 am – 12:00 pm Session VIII: Modeling and Imputation
Moderator: John Eltinge, Bureau of Labor Statistics

Modeling and Imputation Discussion
Mike Brick, Westat

A Full Information Maximum Likelihood (FIML) Approach to Compensating for Missing Data in Matrix Sampling
Paul Biemer, RTI

Additional discussion by:
- Jeffrey Gonzalez, Bureau of Labor Statistics
- Steve Heeringa, University of Michigan
- Colm O’Muircheartaigh, University of Chicago/NORC

12:00 pm – 1:00 pm Lunch: lunch will be provided for all attendees

1:00 pm – 2:15 pm Session IX: Administrative Records and the ACS: Future Directions
Moderator: Linda Gage, State of California (retired)

Discussion with:
- Rayid Ghani, University of Chicago
- Frauke Kreuter, University of Maryland
- Julia Lane, New York University

2:15 pm - 3:00 pm Session X: Wrap-up: Discussion of Key Issues
Moderator: Joe Salvo, New York City Department of City Planning

3:00 pm Adjourn

ACS Workshop Steering Committee

Linda Gage, State of California (retired) Co-Chair
Joe Salvo, New York City Department of City Planning, Co-Chair
David Dolson, Statistics Canada
John Eltinge, Bureau of Labor Statistics
Dave Hubble, Westat
Julia Lane, New York University
Nancy Mathiowetz, University of Wisconsin-Milwaukee (emeritus)
ACS Workshop Steering Committee

**Linda Gage** (Co-chair) retired as senior demographer for the state of California. At this position, her objective was to improve the currency and accuracy of official state and federal demographic data for California, which was used in policy and funding decisions. She was actively involved in producing and evaluating intercensal population estimates for California and assessing data from the decennial census and the American Community Survey (ACS). She also conducted research commissioned by the U.S. Census Bureau for the ACS 1999-2001 and Census 2000 Comparison Study, and testified before a congressional subcommittee on Oversight of the Census Bureau’s Proposed ACS. She also participated on various National Academy of Sciences’ panels, workshops and meetings on the allocation of Federal and State program funds, the design of the 2010 Census program of evaluations and experiments, benefits and burdens of the ACS, ACS group quarters, and usability of data from the ACS. She has served for many years on various Department of Commerce and Census Bureau advisory committees, the Population Association of America's Public Affairs Committee and Committee on Population Statistics, and chaired the three Census Bureau Federal-State steering committees for population estimates, population projections and state data center programs. She also served as the Governor's Liaison for Census 2000. She has B.A. and M.A. degrees in sociology, with emphasis in demography, from the University of California, Davis.

**Joseph J. Salvo** (Co-chair) is the director of the Population Division at the New York City Department of City Planning. The Population Division serves as the city’s in-house demographic consultant, providing expertise for a whole host of applications involving assessments of need, program planning and targeting, and policy formulation. He has served on the Census Bureau’s Scientific Advisory Committee, various panels at the National Academy of Sciences on census issues and is a former president of the Association of Public Data Users. He is co-editor of the *Encyclopedia of the U.S. Census* (CQ Press, 2012) and co-author of *The Newest New Yorkers: 2013*, the latest in a series of publications that provide a comprehensive look at the city’s foreign-born population. He received M.A. and Ph.D. degrees from Fordham University, is a recipient of the Sloan Public Service Award from the Fund for the City of New York and a fellow of the American Statistical Association.

**David Dolson** is the director of the Social Survey Methods Division at Statistics Canada, where he is responsible for all statistical and survey methods in support of the Census of Population and National Household Survey, as well as the program of postcensal surveys, the Geography Division, and the population estimates program. He also oversees the Questionnaire Design Resource Centre. He directs the development, testing, evaluation, and implementation of statistical and survey methods, using a variety of data collection modes, including supplementing questionnaire data with information obtained from administrative records. He consulted with the U.S. Census Bureau staff on the Reverse Record Check methodology for census coverage measurement and participated in expert workshops on the U.S. census coverage measurement program and coverage improvement options for 2020 U.S. census. He was also a member of the National Academy of Sciences’ Panel on Statistical Methods for Measuring the Group Quarters Population in the American Community Survey. He has a master of mathematics degree in statistics from the University of Waterloo.
John L. Eltinge is the associate commissioner for survey methods research at the U.S. Bureau of Labor Statistics (BLS), where he served previously as a senior mathematical statistician. Prior to working at BLS, he was an associate professor with tenure in the Department of Statistics at Texas A&M University, where he served as the advisor for five Ph.D. and 10 M.S. students. His primary research interests include survey sampling, alternative data sources, measurement error, incomplete data, survey optimization, survey cost structures, regression trees for complex survey data and variance function models. He has served as an associate editor for the Applications and Case Studies section of *Journal of the American Statistical Association* (1992-1997), *The American Statistician* (1999-2003), *Survey Methodology Journal* (1998-present) and the *Journal of Official Statistics* (2001-present). In addition, he served as the overall program chair for the Joint Statistical Meetings in 2003, co-chair of the advisory board for *Journal of Survey Statistics and Methodology* (2015-present), a member of the American Statistical Association Committee on Fellows (2015-present) and numerous other professional and federal committees. He is an elected fellow of the American Statistical Association and a member of the Federal Committee on Statistical Methodology. He received a B.S. in mathematics from Vanderbilt University, an M.S. in statistics from Purdue University, and a Ph.D. in statistics from Iowa State University.

David Hubble is a senior statistician at Westat, where he worked on the National Children’s Survey, the National Assessment of Education Progress, the Minnesota Adult Tobacco Survey, and many other survey design and technical assistance projects. Previously he worked for the U.S. Census Bureau on many aspects of designing, planning, and conducting census evaluations and large-scale demographic surveys, including the American Community Survey. His research interests cover a wide range of topics, including survey design, sampling frame creation, sample selection, data collection methods, missing data mitigation, weighting procedures, estimation techniques, variance estimation, methodological investigations, and experimental designs. He has both a B.A. and M.A. in statistics from Boston University.

Julia I. Lane is a professor of public service at the New York University (NYU) Wagner Graduate School of Public Service, a professor of practice at the NYU Center for Urban Science and Progress, and a NYU Provostial Fellow for Innovation Analytics. Previously, she was a senior managing economist and institute fellow at the American Institutes for Research. In this role, she established the Center for Science of Science and Innovation Policy Program and co-founded the Institute for Research on Innovation and Science (IRIS) at the University of Michigan. She has held positions at the National Science Foundation, the Urban Institute, the World Bank, American University, and NORC at the University at Chicago. In these positions, she has led many initiatives, including co-founding the UMETRICS and STAR METRICS programs at the National Science Foundation. She conceptualized and established a data enclave at NORC/University of Chicago, which provides a confidential, protected environment within which authorized researchers can access sensitive microdata remotely and provides data producers with a secure dissemination platform. She also initiated and led the creation and permanent establishment of the Longitudinal Employer-Household Dynamics Program at the U.S. Census Bureau. This program began as a small two year American Statistical Association/Census Bureau fellowship and evolved into the first large-scale linked employer-employee dataset in the United States. It is now a permanent Census Bureau program with appropriated funds of $11 million per year. She has published over 65 articles in leading economics journals and authored and edited eight books. She is the recipient of the Julius
Shiskin Memorial Award for Economic Statistics and the Roger Herriot Innovation Award. She received a master's degree in statistics and a Ph.D. in economics from the University of Missouri.

Nancy A. Mathiowetz is emeritus professor in the Department of Sociology at the University of Wisconsin-Milwaukee (UWM). Prior to joining the faculty at UWM, she was associate professor at the Joint Program in Survey Methodology at the University of Maryland. During her academic career, she taught graduate courses in survey methodology, questionnaire design, statistics, and data analysis. She has published articles on various topics related to assessing the quality of survey data, particularly health survey data, including the effects of length of recall and the impact of mode and method of data collection on survey estimates. She served as editor of Public Opinion Quarterly from 2008-2012. She is an active member of the American Association for Public Opinion Research (AAPOR), serving as president in 2007/2008; previously she has held offices as treasurer, standards chair, and membership chair for the association. In 2015, she was awarded the AAPOR Award for Exceptionally Distinguished Service, the association’s highest award. She is also an active member of the American Statistical Association and was elected a fellow in 2012. She received a B.S. in sociology from the University of Wisconsin and an M.S. in biostatistics and a Ph.D. in sociology, both from the University of Michigan.

ACS Workshop Participants

As of May 2015, Deb Stempowski has served as the Chief of the American Community Survey Office at the U.S. Census Bureau. She is responsible for the overall program management of the American Community Survey (ACS). Ms. Stempowski began her career at the Census Bureau in 1991 in the Economic Programs Directorate working on the 1992 Economic Census as a data analyst. In 1998, she moved to the Computer Assisted Survey Research Office (CASRO) where she worked on many Bureau-wide research projects including the establishment of the Census Bureau’s Quality Management Program and the testing of new technologies for data collection and data analysis. In February of 2005, she returned to the Economic Directorate leading the effort to implement formal program management practices for the 2007 Economic Census. She also led efforts for company outreach, macro analysis, tabulations and dissemination operations for the Economic Census. After returning from a detail at the Office of Management and Budget in May 2011, she moved to the Director’s office, leading the effort to streamline operations at headquarters for managing reimbursable work in the Demographic Directorate. Since April 2012, she has been back in the Economic Directorate, first as the Chief of EPCD and recently as the Chief of the newly created Economic Management Division (EMD). In both positions she was responsible for operational support for the economic census as well as the directorate’s ongoing surveys. Ms. Stempowski has a Bachelor’s Degree in Economics from Penn State and a Master’s Degree in Financial Management from the University of Maryland, University College. She received Master’s Certificates in Project Management and Business Analysis from the George Washington University and has been a certified Project Management Professional (PMP) since 2001.
Scott Fricker received his Ph.D. in survey methodology from the Joint Program in Survey Methodology at the University of Maryland, and a Master’s degree in social psychology from the University of California, Santa Barbara. He serves as a Senior Research Psychologist in the Office of Survey Methods Research at the BLS. His recent research has focused on evaluating measurement error and respondent burden in the Consumer Expenditure Survey, experiments on factors affecting different retrieval strategies in recall surveys, and on the development and testing of design components for the Bureau’s new Occupational Requirements Survey.

Elizabeth Poehler is a mathematical statistician at the U.S. Census Bureau. She is the chief of the American Community Survey Experiments Branch. She has a B.S. in Applied Statistics from Rochester Institute of Technology and a M.S. in Survey Methodology from the University of Maryland, College Park.

Donald A. Dillman is Regents professor in the Department of Sociology at Washington State University. He also serves as the deputy director for research and development in the Social and Economic Sciences Research Center at Washington State University. From 1991 to 1995, he served as the senior survey methodologist in the Office of the Director at the U.S. Census Bureau. In 2000, he received the Roger Herriot Award for Innovation in Federal Statistics for his work at the Census Bureau. He is recognized internationally as a major contributor to the development of modern mail, telephone, and internet survey methods. Throughout his time at Washington State University, he has maintained an active research program on the improvement of survey methods and how information technologies influence rural development. He has served as investigator on more than 80 grants and contracts worth approximately $12.5 million, and written 13 books and more than 235 other publications. He holds numerous memberships in professional organizations, including the American Sociological Association, and is a fellow of the American Association for the Advancement of Science and the American Statistical Association. He served as past president of the American Association for Public Opinion Research and the Rural Sociological Society. He chaired the Academies Panel on Redesigning the BLS Consumer Expenditures Surveys; served as a member of the Panel on Redesigning the Commercial Building and Residential Energy Consumption Surveys; the Panel on Residence Rules in the Decennial Census; and the Survey of Earned Doctorates Advisory Panel. He has a B.A. in agronomy, an M.S. in rural sociology, and a Ph.D. in sociology, all from Iowa State University.

Andy Peytchev is a Research Assistant Professor in the Survey Methodology Program at the Institute for Social Research, University of Michigan. He is the Principal Investigator on research aimed at reducing respondent burden and improving survey estimates through split questionnaire design, by shifting the burden to the survey organization. He also leads the sampling and weighting on a national telephone survey. Previously, he was a Senior Survey Methodologist in the Program for Research in Survey Methodology at RTI International, where he worked on the design and implementation of large-scale government surveys and on methodological investigations, including the evaluation of the crime victimization screening questions in the National Crime Victimization Survey and a National Academy of Sciences report on recommendations for the Consumer Expenditure surveys. He received a PhD in Survey Methodology from the University of Michigan, a MA in Survey Research and Methodology from the University of Nebraska-Lincoln, and a BS in Marketing from Concord University.
Andrew Reamer’s research efforts aim to encourage U.S. national economic development and competitiveness. His areas of focus include strategic analysis, innovation, regional economic and workforce development, and the federal economic statistics system. Reamer’s work is intended to inform public decision-makers and so resides on the boundary between research and practice. Current and recent project sponsors include the Lumina Foundation, the Ewing Marion Kauffman Foundation, the Lemelson Foundation, the U.S. Census Bureau, the Center for Regional Economic Competitiveness, and the Public Forum Institute. Reamer joined GWIPP in 2010, after six years at the Brookings Institution’s Metropolitan Policy Program and 20 years as a consultant in U.S. regional economic development and public policy. He received a Ph.D. in Economic Development and Public Policy and a Master of City Planning from the Massachusetts Institute of Technology and a Bachelor of Science in Economics at the Wharton School, University of Pennsylvania.

Dr. Sandra L. Bauman, Ph.D., brings her 25+ years of experience in marketing research and consulting to her role as founder and principal of Bauman Research & Consulting, LLC, a woman-owned boutique research company. During her career in research, Dr. Bauman has designed and managed hundreds of studies for corporate and non-profit clients in the areas of branding, positioning, corporate image, messaging, strategic marketing, and customer satisfaction and loyalty. She is expert in quantitative methodologies, including telephone, Internet, and mail surveys. She is also adept at qualitative research; she is a trained and experienced focus group moderator and facilitator. Dr. Bauman has worked with many clients on branding, positioning and customer loyalty issues, including Alberto-Culver/Unilever, Atlantic Health, Bayer, Filippo Berio, Finlandia, The Hartford, Miele, NCH Healthcare, Samsung, Stryker, Wellpet and Wyeth. She is a long-time member of the American Association for Public Opinion Research (AAPOR) and currently serves on its executive council. She’s an active member of the Marketing Research Association (MRA), having presented at several conferences and holds MRA’s Professional Researcher Certification at the “Expert” level. Dr. Bauman earned her Ph.D. in communication research from Northwestern University.

Betty Lo serves as Vice President of Community Alliances & Consumer Engagement at Nielsen. In this role, she works with community leaders, media and entertainment companies, and consumer goods companies to promote Nielsen’s education, philanthropic, and public affairs efforts to the community, as well as civic and special interest groups. Betty stewards and leads the national strategy for Nielsen's outreach to the Asian American community, and partnerships with organizations across the Eastern U.S. She also leads multicultural advertising efforts to deliver a holistic and integrated approach across the African-American, Asian-American, and Hispanic advertising landscape. Prior to joining Nielsen, Betty spent almost 20 years leading multinational CPGs including The Coca-Cola Company and Newell-Rubbermaid in communications/PR, organizational development, change management, process improvement and building Asian-American business opportunities to increase profitability and effectiveness. A frequent speaker at various community and civic events on the power of the multicultural consumer, she is also an active community leader who advocates the importance of giving back to our community. She serves on the national board of ACE (APIA Chamber of Commerce & Entrepreneurship) and National Association of Asian American Professionals (NAAAP), as well as on the advisory board for APIASF and OCA – Asian American Advocates.
**George Terhanian** leads The NPD Group’s global Research Sciences, Panel Management, and Analytics & Modeling functions. Prior to joining NPD, George was Chief Strategy & Products Officer and President, North America at Toluna, a leading panel management company. Before that he spent nearly 14 years at Harris Interactive in leadership positions including President, Global Solutions; President, Global Internet Research; and President, Harris Interactive Europe. He presently serves on the Board of Directors of both the Advertising Research Foundation (ARF) and the Council of American Survey Research Organizations (CASRO). George holds a Ph.D. from the University of Pennsylvania and a Master’s degree in Education from Harvard, and is the author of numerous, published research articles. He earned his undergraduate degree in Political Science from Haverford College.

**Judy G. Belton**, Chief, Group Quarters Data Collection Branch in the American Community Survey Office (ACSO). Judy has been with the Census Bureau for 28 years, 9 of which in the ACSO. Judy has worked on several other surveys, and the decennial census. She created and leads the Census Bureau's Group Quarters Working Group which is a group that makes recommendations and/or decisions about group quarter data collection methodologies with the goal of improving overall group quarters data collection across the Census Bureau.

Dr. **Barbara A. Anderson** is the Ronald Freedman Collegiate Professor of Sociology and Population Studies at the University of Michigan. She received her Bachelors Degree in Mathematics from the University of Chicago and her Ph.D degree in Sociology from Princeton University. At the University of Michigan she has been Director of the Population Studies Center and the Center for Russian and East European Studies. She was a Guggenheim Fellow and has been a member at the Institute for Advanced Study and the Center for Advanced Study in the Behavioral Sciences. She has published widely on issues of demographic methods, data quality, and population and development in the former Soviet Union, China and South Africa. She has consulted with Statistics South Africa, Statistics Estonia, the China National Bureau of Statistics, the Turkish Statistical Institute and the U. S. Census Bureau. She has been a member of the NIH Population Research Committee and the NSF Review Panel on Sociology. She is currently chair of the U. S. Census Bureau Scientific Advisory Committee.

Dr. **J. Michael Brick** is a Westat Vice President where he is co-Director of the Survey Methods Unit, and Associate Director of the Statistical Staff. He also is a research professor in the Joint Program in Survey Methodology at the University of Maryland. He has more than 40 years of experience in survey research and is a Fellow of the American Statistical Association and an elected member of the International Statistical Institute.

As Chief of the Long-Term Care Statistics Branch at the National Center for Health Statistics, **Lauren Harris-Kojetin** oversees a research program to produce national and state statistical information on the supply, use and characteristics of providers and users of paid, regulated long-term care services. Under her leadership, NCHS conducted the in-person 2007 National Home and Hospice Care Survey and the 2010 National Survey of Residential Care Facilities, and since 2012 has designed and implemented the biennial National Study of Long-Term Care Providers, which uses a multi-mode (mail, web, telephone) survey protocol and administrative data. Dr. Harris-Kojetin has over 20 years of experience in gerontology, health services research, survey methods, and evaluation with an emphasis on health care and long-term services and supports for
older adults. Before joining NCHS, Lauren directed health services research and survey research projects at LeadingAge and at RTI International, where her clients included AARP, the Agency for Healthcare Research and Quality, and the Centers for Medicare & Medicaid Services. Lauren presents and publishes regularly and serves on editorial boards including the Journal of Housing for the Elderly and Seniors Housing and Care Journal. Dr. Harris-Kojetin earned her Ph.D. in public policy from Rutgers University, and she is a Fellow of the Gerontological Society of America.

Colm A. O’Muircheartaigh is professor and former dean of the University of Chicago’s Harris School of Public Policy Studies and a senior fellow at NORC at the University of Chicago. He is one of the nation’s leading experts in the design and implementation of social investigations. An applied statistician, he has focused his research on the design of complex surveys across a wide range of populations and topics, and on fundamental issues of data quality, including the impact of errors in responses to survey questions, cognitive aspects of question wording, and latent variable models for non-response. He joined the Harris School faculty in 1998 from the London School of Economics and Political Science, where he was the first director of the Methodology Institute and a faculty member of the Department of Statistics since 1971. A fellow of the Royal Statistical Society and the American Statistical Association, and an elected member of the International Statistical Institute, he has served as a consultant to a wide range of public and commercial organizations around the world, including the Organization for Economic Co-operation and Development (OECD) and the United Nations. He served on the NRC Panel on Residence Rules in the Decennial Census, and is a member of the Committee on National Statistics. He received his undergraduate education at University College Dublin, and his graduate education at the London School of Economics.

Amy O’Hara is chief of the Center for Administrative Records Research and Applications (CARRA) at the U.S. Census Bureau. Her work in CARRA focuses on integrating administrative data into Census Bureau operations and products to reduce respondent burden and data collection costs and improve data quality.

Dr. Paul Biemer is a Distinguished Fellow in Statistics at RTI and Associate Director of Survey Research and Development in the Odum Institute at UNC. He has over 35 years of experience in survey methodology, complex survey design and data analysis and over 100 publications related to these areas. Dr. Biemer’s co-authored book, Introduction to Survey Quality is a widely used course text. His book, Latent Class Analysis of Survey Error, describes how latent class analysis can be applied to complex surveys to evaluate survey error. Dr. Biemer is a Fellow of the ASA and the AAAS and an Elected Member of the ISI. He holds a number of awards for his contributions to the field of survey methodology and statistics, including the including the Morris Hansen Award.

Michael Davern is an Executive Vice President of Research and Director of Health Care research at NORC. In this role he oversees the three health departments at NORC as well as serves as the department head for Health Care research. The three health departments at NORC (Public Health, Health Care and Health Sciences) conduct survey research and analytical research as well as provide technical assistance to clients that include the federal government, foundations, and commercial enterprises. In addition to providing executive oversight in the
three health departments and directing the Health Care research department, Davern also has expertise in survey research, health data, data linkage, Census Bureau data and the use of these data for policy research simulation and evaluation.

**Mark Asiala** is Chief of the American Community Survey (ACS) Statistical Design area in the Decennial Statistical Studies Division of the US Census Bureau. He started working at the bureau in 1999 on the Census 2000 Accuracy and Coverage Evaluation. Since 2002, he has worked in the statistical design area of the ACS, particularly in the areas of estimation and disclosure avoidance. He has also been a member of the Census Bureau's Disclosure Review Board since 2008.

**Jeffrey Gonzalez** is a Research Mathematical Statistician in the Office of Survey Methods Research at the US Bureau of Labor Statistics (BLS) where he's worked for almost 10 years. During his tenure at BLS, he completed his doctorate in Survey Methodology (Statistical Science Concentration) at the Joint Program in Survey Methodology at The University of Maryland. His primary research interests include split questionnaire designs, adaptive/responsive designs, total survey error, and statistical computing.

**Steven G. Heeringa** is a Senior Research Scientist at the University of Michigan Institute for Social Research (ISR). He is a member of the Faculty of the University of Michigan Program in Survey Methodology and the Joint Program in Survey Methodology. He is a Fellow of the American Statistical Association and elected member of the International Statistical Institute. He is the author of many publications on statistical design and sampling methods for research in the fields of public health and the social sciences. He is the lead author of Applied Survey Data Analysis (Chapman & Hall, 2010), a comprehensive new text on methods for the statistical analysis of complex sample survey data. Steve has over 38 years of statistical sampling experience in the development of the SRC National Sample design, as well as research designs for ISR's major longitudinal and cross-sectional survey programs. Since 1985 Steve has collaborated extensively with scientific colleagues in the design and conduct of major studies in aging, psychiatric epidemiology and physical and mental health. He has been a teacher of survey sampling and statistical methods to U.S. and international students and has served as a sample design consultant to a wide variety of international research programs based in countries such as Russia, the Ukraine, Uzbekistan, Kazakhstan, India, Nepal, China, Egypt, Iran, the United Arab Emirates, Qatar, South Africa and Chile.

**Rayid Ghani** is interested in using data and analytics for high impact social good problems in areas such as education, healthcare, energy, transportation, economic development, and public safety. He is the Director of the Center for Data Science and Public Policy, Research Director at the Computation Institute and a Senior Fellow at the Harris School of Public Policy at the University of Chicago.

**Frauke Kreuter** is professor at the Joint Program in Survey Methodology at the University of Maryland and professor of statistics and methodology at the University of Mannheim, Germany. She has additional affiliations with the Maryland Population Research Center, the Institute for Social Research in Michigan, and the German Institute for Employment Research, where she heads the statistical methods group. Prior positions included the Institute for Statistics at the
Ludwig-Maximilians University in Munich, Germany and the Department of Statistics at the University of California, Los Angeles. Frauke Kreuter is an elected fellow of the American Statistical Association and a recipient of the Gertrude Cox Award, from the Washington Statistical Society. She is a frequent recipient of grant funding from the National Science Foundation and the National Institutes of Health, and has recently been awarded a 1.5 million dollar grant from the German government to build an international professional education program in Survey Practice and Data Science. Her research focuses on nonresponse errors, paradata and responsive designs, record linkage, and, recently, issues of linkage consent and generalizability for nonprobability samples. She has over hundred publications, including eight books and monographs. Frauke Kreuter just finished her term as Standards Chair of the American Association of Public Opinion Research, serves as associate editor for the *Journal of Official Statistics*, *Survey Research Methods*, and the *Journal of Statistical Software*, and is on the editorial board for the *American Sociological Review* and *Sociological Methods and Research*. In addition she serves on the advisory boards of Statistics Canada, Statistics Sweden, the U.S Bureau of Labor Statistics, the Energy Information Association, and the ad-hoc committee for the Germany 2021 Census. Up to now she has chaired twelve dissertation committees and is teaching tens of thousands of students through her Massive Open Online Courses. Dr. Kreuter received her BA and MA in Sociology in 1996 and her Ph.D from the University of Konstanz in 2001.