ABOUT THE AUTHORS

Bell William R. is the Senior Mathematical Statistician for Small Area Estimation at the U.S. Census Bureau. He has been involved with research and methodological development for the Census Bureau's Small Area Income and Poverty Estimates program since 1994. Along with small area estimation, other areas in which he has done research and development include time series modeling and seasonal adjustment, census coverage estimation, and national population projections.

Buelens Bart works as a statistician at the Methodology Department of Statistics Netherlands. He received his MSc in Mathematics from the University of Leuven, Belgium, and his PhD from the University of Tasmania, Australia. His research interests include small area estimation, mixed-mode sample surveys, model-based inference, computational statistics and data science.

Burgard Jan Pablo is an Assistant Professor for statistics at the economics department of Trier University and a principal investigator at the ALOP research training group focusing on numerical optimization. His main research interests lie in small area estimation, survey design and computational statistics, with focus on statistical modelling, multivariate statistics and Monte Carlo methods. The main fields of application are register-based censuses, poverty indicators, estimation of regional morbidity figures, and measurement of biodiversity.

Cheng Yang is a Lead Scientist for the Current Population Survey (CPS), American Time Use Survey (ATUS), and Housing Vacancy Survey (HVS) at the U.S. Census Bureau. He is also an Adjunct Professor of Statistics in the George Washington University. He received a Bachelor's degree in Applied Mathematics from East China Normal University, a Master's degree in Applied Statistics from the American University, and a Doctor's degree in Mathematical Statistics from the University of Maryland at College Park. His research interests include statistical modeling, survey methodology, small area estimation, and labor force statistics. In 2011, he has been initiating the U.S. Census Bureau DSMD Distinguished Lecture Series. The program has attracted 40 distinguished

speakers and discussants from different universities in the US and abroad, government, and private survey organizations.

Franco Carolina is a Research Mathematical Statistician at the U.S. Census Bureau's Center for Statistical Research and Methodology. She received her PhD in Applied Mathematics from the University of Maryland in College Park in 2012, with a dissertation focused on asymptotic theory and semiparametric inference. Currently, her primary research interests are survey statistics and small area estimation.

Golata Elzbieta is an Associate Professor at the Department of Statistics, Poznan University of Economics & Business. Her main research domain is demography, labour market and social statistics, especially territorial differentiation in demographic processes and labour market situation. She is also interested in data quality assessment, particularly population census and other demographic estimates. Regional statistics with special emphasis on survey sampling and small area estimation applied to data of economic activity of population is also one of her fields of study. Professor Golata is an active member of many scientific professional bodies.

Ha Neung S. works as a data scientist at Nielsen Company. He received his PhD in Applied Statistics from University of Maryland in College Park in 2013. The title of his PhD thesis is "Hierarchical Bayesian Estimation of Small Area Means Using Complex Survey Data." He has completed his postdoctoral program at the Statistical and Applied Mathematical Sciences Institute and the National Institute of Statistical Sciences. His main research areas are small area estimation, Bayesian modelling and complex survey inference.

Lahiri Partha is Professor of the Joint Program in Survey Methodology (JPSM) at the University of Maryland at College Park, and an Adjunct Research Professor of the Institute of Social Research, University of Michigan, Ann Arbor. Prior to coming to Maryland, Dr. Lahiri was the Milton Mohr Distinguished Professor of Statistics at the University of Nebraska-Lincoln. His research interests include survey sampling, official statistics, and small-area estimation. Dr. Lahiri has served on a number of advisory committees, including the U.S. Census Advisory committee and U.S. National Academy panel. Over the years Dr. Lahiri advised various local and international organizations such as the United Nations Development Program, World Bank, Gallup Organization. Dr. Lahiri is a Fellow of the American Statistical Association and the Institute of Mathematical Statistics and an elected member of the International Statistical Institute.

Luna Angela is a Lecturer at the Department of Social Statistics and Demography, University of Southampton. Her research interests are small area estimation, survey sampling and official statistics.

Münnich Ralf is a Full Professor and the Head of the Economic and Social Statistics research group at Trier University. He has lead several large-scale research European projects and the German Census 2011 sampling and estimation project. Currently, he is heading the RIFOSS research initiative and is a principal investigator in the ALOP research training group focusing on discrete optimization in survey statistics. Ralf Münnich is an elected member of the International Statistical Institute, member of the board of the German Statistical Society, and editor-in-chief of AStA Wirtschafts- und Sozialstatistisches Archiv. His main research interests focus on survey sampling, variance estimation, small area estimation, as well as Monte-Carlo and microsimulation methods.

Piller Kirsten received her MSc in Medical Statistics from the University of Leicester in 2013. In 2014 she joined the Small Area Estimation Unit at the Office for National Statistics where she has been working on model-based estimates of income and poverty.

Rao J. N. K. is a Distinguished Research Professor in the School of Mathematics and Statistics, Carleton University, Ottawa, Canada. He is also a consultant to Statistics Canada on sample survey methodology. His main research interests are in survey sampling theory and methods. He has published numerous research papers as well as the widely cited book "Small Area Estimation" (Wiley 2003) and a second edition of this book jointly with Isabel Molina (Wiley 2015). He is an editorial advisor for the Wiley series in Survey Methodology, and currently on the editorial board of Survey Methodology journal. He has served on the Advisory Committee for Statistical Methodology of Statistics Canada since 1985. Professional honours he has received include Honorary Doctorates from the University of Waterloo, Canada (2008) and Catholic University of Sacred Heart, Italy (2013), Waksberg Award for Survey Methodology (2005) and 1993 Gold Medail of the Statistical Society of Canada in recognition of "fundamental research achievements in the theory and practice of surveys". He is a Fellow of the Royal Society of Canada, American Statistical Association and Institute of Mathematical Statistics. He delivered the prestigious Annual Morris Hansen Lecture in 1998.

Van den Brakel Jan A. is a senior statistician at the Methodology Department at Statistics Netherlands and Extraordinary Professor in Survey Methodology at the Department of Quantitative Economics at Maastricht University School of

Business and Economics. His research interests are in the areas of sampling, design and analysis of experiments, inference in mixed-mode surveys, small area estimation, and time series methods.

Whitworth Alison is the Head of the Small Area Estimation Unit at Office for National Statistics, UK. She has a PhD from Southampton University, Department for Social Statistics, focused on the analysis of demographic and health issues from a longitudinal perspective. She has worked in the development and production of population statistics for approximately 15 years, and has a particular interest in methods for combining Census, administrative and survey data for population outputs.

Zhang Li-Chun is a Professor of Social Statistics at S3RI/Department of Social Statistics and Demography, University of Southampton, and Senior Researcher at Statistics Norway. He has worked and published on a number of subjects in Official Statistics. These include sampling design and coordination, sample survey estimation, non-response, measurement errors, small area estimation, index number calculations, editing and imputation, register-based statistics, statistical matching, etc. He has participated in the EU framework projects EURAREA, DACSEIS, RISQ and BLUE-ETS, and the ESSnet projects Small Area Estimation and Data Integration.