

RTI International

American Statistical Association Fellows

These RTI International statisticians have been recognized by their peers as having made outstanding contributions to the field of statistics. We are proud to have them as members of our team.



Paul P. Biemer

"For significant contributions to the theory and measurement of nonsampling errors in surveys and censuses, for creative organization of conferences on important topics in survey statistics, and for dissemination of the technical proceedings of those conferences to the survey research profession"

Paul P. Biemer, PhD, is a Distinguished Fellow, Statistics, at RTI and Associate Director for Survey Research and Development for the Odum Institute at the University of North Carolina (UNC) at Chapel Hill. His research has examined the relationships between survey design and survey error; statistical methods for assessing survey errors, particularly measurement errors; and methods for the analysis of survey data. He co-developed computer audio-recorded interviewing (CARI) and pioneered the field of latent class analysis for survey evaluation. At UNC, he established the Certificate Program in Survey Methodology, which he directs. Dr. Biemer is also a Fellow of the American Association for the Advancement of Science and an Elected Member of the International Statistical Institute.



James R. Chromy

"For innovative contributions to the design and selection of complex survey samples, for research in survey methods, and for outstanding leadership and administration of a large survey research program"

James R. Chromy, PhD, a Senior Fellow at RTI, is an expert in sampling theory and application, survey design, and statistical analysis. At RTI, he has led many large-scale

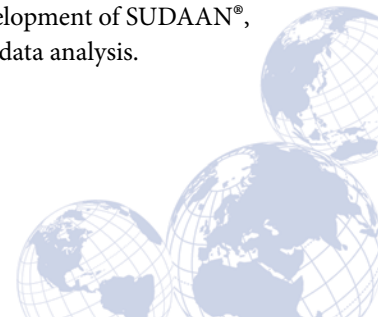
surveys. He helped design the sample and data collection methodology for the National Assessment of Educational Progress. He has experience in all aspects of area probability sampling and household interview surveys. Dr. Chromy developed the theory and computational algorithm for selecting samples sequentially with probability proportional to size and with minimum replacement, and he developed a computer algorithm for efficient sample allocation that minimizes total survey cost subject to satisfying multiple variance constraints.



Ralph E. Folsom

"For outstanding contributions to probability sampling-based inference, particularly in variance estimation and in weight adjustments for missing data; and for excellence in the design and analysis of important national surveys in education, health and drug abuse"

Ralph Folsom, PhD, a Chief Scientist at RTI, is an expert in the design and analysis of complex probability samples. For the National Survey on Drug Use and Health (NSDUH), Dr. Folsom initiated innovative weight adjustment methods based on his logistic response propensity and exponential poststratification models. This pioneering work led to the sophisticated GEM weight adjustment methods currently employed for NSDUH. Dr. Folsom has also been an influential collaborator in the development of NSDUH's current predictive mean neighborhoods (PMN) imputation methodology. Dr. Folsom recently led RTI's innovative work in small area estimation research and has made significant contributions to the development of SUDAAN®, RTI's computer software for survey data analysis.





Phillip S. Kott

"For significant contributions to survey sampling theory and practice; and for consulting, teaching, and service to the profession"

Phillip S. Kott, PhD, joined RTI in January 2009 as a Senior Research Statistician. He is an expert in survey sampling theory and practice, including calibration weighting, multiphase sampling, the analysis of survey data, and variance estimation. Dr. Kott is a Member of the International Statistical Institute (ISI) and a Fellow of the Royal Statistical Society. He is active as a journal associate editor and served as the President of the Washington Statistical Society and the Chair of ASA's Council of Chapters. He has taught survey sampling at George Mason University and the Joint Program in Survey Methodology. He received a Presidential Rank Award in 2007 and an ASA Section of Statistics and the Environment Distinguished Achievement Medal in 1997. Prior to joining RTI, Dr. Kott was the Chief Research Statistician at the National Agricultural Statistical Service of the U.S. Department of Agriculture.



Karol Krotki

"For his outstanding contributions to survey research in design and methodology for web-based surveys, for his leadership in the management and establishment of statistical units, for his exemplary teaching and promotion of high quality statistical methods, as well as his international consulting"

Karol Krotki, PhD, a Senior Statistician, joined RTI in 2004 as a member of the Statistics and Epidemiology unit. He is known nationally for his work in survey research, random digit dialing (RDD) sampling, and weighting. He has over

30 years of experience in various areas of specialization including survey statistics, survey research, social science data analysis, and international studies. Dr. Krotki served as President (2008-2009) of the Washington Statistical Society and is an active member of the American Association for Public Opinion Research. Prior to joining RTI, Dr. Krotki was chief statistician and served as head of survey operations at NuStats of Austin, Texas.



Rick L. Williams

"For outstanding contributions to the innovative design and management of important federal national surveys and studies; for creative development of cutting-edge statistical software; for excellence in teaching methods for analyzing survey data; and for creative scientific contributions in the development and application of statistical methodologies"

Rick L. Williams, PhD, a Senior Statistician, joined RTI in 1977. He routinely leads large health research studies in such areas as maternal and infant health, obstetrical pharmacology, toxicology, health services utilization, and epidemiological investigations. For more than 30 years, he has made significant contributions to the development of SUDAAN® and was its development leader for 5 years. He has developed statistical methods for survey research and the analysis of correlated data. Dr. Williams frequently conducts workshops and training classes on the use of appropriate statistical analysis methods for cluster-correlated, longitudinal, or repeated measures data.

