

## ASA HONORS 63 NEW FELLOWS

ALEXANDRIA VA, JUNE 11, 2014 – The American Statistical Association (ASA), the nation’s preeminent professional statistical society, today unveiled the names of 63 members who will be honored as ASA Fellows.

Honorees are being recognized for outstanding professional contributions to and leadership in the field of statistical science. The new fellows are from 25 states and the District of Columbia and seven countries. An alphabetical list of the new ASA Fellows and the citation for each follows this release. The fellows will be presented certificates at a ceremony August 5 at the annual Joint Statistical Meetings in Boston.

“On behalf of the ASA’s entire membership, I extend heartfelt congratulations to each of the 63 new ASA Fellows,” said ASA President Nathaniel Schenker. “These distinguished members have established themselves among the best in the world of statistical science. Their many accomplishments are far-reaching and contribute greatly to the advancement of statistical theory, methodology and applications, as well as to the ASA.”

The designation of ASA Fellow has been a significant honor for nearly 100 years. Under ASA bylaws, the Committee on Fellows can elect up to one-third of one percent of the total association membership as fellows each year. Individuals are nominated by their ASA-member peers. To be honored, nominees must have an established reputation and have made outstanding contributions to statistical science. The Committee on Fellows evaluates each candidate’s contributions to the advancement of statistical science and places due weight to published works, the position held with their employer, ASA activities, membership and accomplishments in other societies and other professional activities.

### ***About the American Statistical Association***

The American Statistical Association is the world’s largest community of statisticians and the second-oldest continuously operating professional society in the United States. Its members serve in industry, government and academia in more than 90 countries, advancing research and promoting sound statistical practice to inform public policy and improve human welfare. For additional information about the American Statistical Association, please visit the ASA website at [www.amstat.org](http://www.amstat.org).

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### **For more information:**

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## 2014 AMERICAN STATISTICAL ASSOCIATION FELLOWS

#	Name	Citation
1.	Deepak Agarwal LinkedIn Corporation Mountain View, CA	For innovative research and intellectual leadership in the statistical aspects of the information technology industries, especially in the areas of recommender systems and computational advertising; for substantive contributions to Bayesian modeling of spatial data, statistical computing; and for service to the profession.
2.	Patrick Ball Human Rights Data Analysis Group San Francisco, CA	For leadership in bringing objective information and sound statistical tools to address issues of international protection and advancement of human rights and for educating nontechnical members of the human rights community on the appropriate collection, analysis, and interpretation of data from convenience samples.
3.	Sanjib Basu Northern Illinois University De Kalb, IL	For substantial and novel contributions to the theory, methods, and applications of nonparametric and robust Bayesian inference; for innovative and wide-ranging statistical collaborations; and for outstanding service, teaching, and leadership to promote the interests and profiles of the statistical community.
4.	Nancy Bates U.S. Census Bureau Washington, DC	For outstanding contributions to the federal statistical system in survey methodology; for improving the measurement of same-sex couples in federal surveys; for leadership in the census to increase response rates in hard-to-count populations; and for outstanding service to the profession.
5.	Johnny Blair Independent Consultant Washington, DC	For interdisciplinary research in survey and sampling methods, including advances in cognitive interviewing and reduction of response errors and techniques for accessing rare populations, and for insightful guidance on these methods while collaborating with a vast array of scientists and policymakers to improve major federal data collection systems.
6.	Brian Scott Caffo Johns Hopkins Bloomberg School of Public Health Baltimore, MD	For significant advancement of methodology for statistical computing and the analysis of massive data sets; for extensive contributions to research on neuroimaging, neuroscience, sleep, and other aspects of health; and for exceptional leadership and innovation in statistical education, including pioneering developments in dissemination of open online education.
7.	Catherine A. Calder The Ohio State University Columbus, OH	For outstanding contributions to the development of Bayesian statistical methodology for spatial and spatiotemporal data; for significant multidisciplinary collaborations; for excellence in teaching and mentoring graduate students both in statistics and in other disciplines; and for service to the profession.
8.	Joseph E. Cavanaugh The University of Iowa Iowa City, IA	For outstanding teaching of statistics and biostatistics and developing new educational programs; for excellence in research in model selection and time series; for collaborative research contributions that impact public health; and for service to the profession.
9.	Aloka G. Chakravarty U.S. Food and Drug Administration Potomac, MD	For excellent administrative and statistical leadership in innovative regulatory review and research of new drugs, particularly in oncology drug development and quantitative safety evaluations; for extensive training and collaboration across scientific disciplines and worldwide regulatory agencies; and for substantial service to the profession.

10.	Jie Chen University of Missouri- Kansas City, MO	For significant contributions to change point problems and their applications to genomics data; for high-impact collaborative research in biological research; for excellence in teaching and mentoring students; and for dedicated service to the profession.
11.	Ying-Kuen Ken Cheung Columbia University New York, NY	For outstanding contributions to the theory, methods, and applications of adaptive designs; for enhancing the statistical rigor of methods used for dose-finding studies; and for leadership in applying novel statistical methods in collaborative clinical research in neurology and oncology.
12.	Jeng-Min Chiou Academia Sinica Taiwan, China	For major contributions to statistical methodology and applications in functional data analysis, longitudinal data modeling, and traffic flow analysis; for serving as an ambassador of statistics to other fields; and for leadership in the international statistics community.
13.	Bertrand Salem Clarke University of Nebraska- Lincoln Lincoln, NE	For significant contributions to statistical theory and methodology in Bayesian inference, blending statistics with information theory to address applications in machine learning and large-scale data analysis, and for editorial service to the profession.
14.	Ciprian M. Crainiceanu The Johns Hopkins University Baltimore, MD	For distinguished contributions in statistical methodology for semiparametric functional data analysis; for pioneering work in the analysis of massive data sets and population-based research; for impact in neuroimaging, sleep, and health measurement by wearable computing; and for dedicated mentorship and service to the profession.
15.	Holger Dette Ruhr-University Bochum Bochum, Germany	For innovative and wide-ranging contributions to methodology development for statistics, finance, and econometrics, particularly in the theory of optimal experimental design, goodness-of-fit testing, and time series analysis; for leadership in mentoring students and young investigators; and for dedicated editorial services for statistical journals.
16.	Ronald J. M. M. Does University of Amsterdam Amsterdam, The Netherlands	For outstanding contributions to statistical education and research in the area of industrial quality control; for excellence in consultation and wide-ranging collaborations; and for leadership in the statistical profession both in Europe and internationally.
17.	Lynn Elizabeth Eberly University of Minnesota Minneapolis, MN	For excellence in statistical methodology related to correlated and medical imaging data; for broad impact in collaborative research and statistical consultation; for leadership in biostatistical core grant and data coordinating center activities; for excellence and innovation in teaching; and for diligence in service to the ASA, her university, and the profession.
18.	Paul Embrechts ETH Zurich Zurich, Switzerland	For significant contributions to extreme value statistics and quantitative risk management in insurance and finance; for promoting international collaborations; and for excellence in mentoring and disseminating statistics.
19.	A. Richard Entsuah Merck Research Laboratories North Wales, PA	For substantial contribution to application of statistical research to drug development and psychiatric research; for contribution to development of missing data methods and related software; for promoting statistics as an excellent mentor and teacher, especially to minority students; and for excellent leadership in the pharmaceutical industry.
20.	Felix Famoye Central Michigan University Mt. Pleasant, MI	For substantial contributions to the theory and applications of generalized discrete and continuous distributions; for outstanding and innovative teaching; and for extensive service to the local and international statistical community.

21.	Paul Gallo Novartis East Hanover, NJ	For important contributions to biostatistics, including advances in the design, analysis, and implementation of multicenter and multiregional clinical trials, group sequential trials, and adaptive design trials; for commitment to mentorship of pharmaceutical industry statisticians; and for excellence in statistical consulting in the pharmaceutical industry.
22.	Martha M. Gardner General Electric Global Research Niskayuna, NY	For novel applications of statistics in developing new products and processes; for excellence in teaching, mentoring, and the promotion of statistical engineering in the corporate environment; and for notable service to the profession.
23.	Yulia R. Gel University of Texas at Dallas and University of Waterloo Richardson, TX	For theoretical contributions to nonparametric aspects of spatiotemporal processes; for promoting the application of modern statistical methodologies in law, public policy, and the environmental sciences; and for championing the advancement of women and other under-represented groups in the mathematical and physical sciences.
24.	Peter Brian Gilbert Fred Hutchinson Cancer Research Center and University of Washington Seattle, WA	For influential contributions in biostatistical research relevant to HIV vaccine efficacy trials; for identifying and developing novel solutions that have had transformative applications; and for advising and encouraging students in statistics.
25.	Mark E. Glickman Boston University School of Public Health Bedford, MA	For innovative research in ratings and rankings systems that have had fundamental impact on player-against-player competitions; for collaborative work in hierarchical modeling and causal inference in health and health policy and health services research; and for leadership in sports statistics research.
26.	Heike Hofmann Iowa State University Ames, IA	For major contributions to advancements in interactive statistical graphics; for innovation in inferential statistical graphics; for dedication to the development of future researchers in statistical graphics; and for service to the profession.
27.	Scott H. Holan University of Missouri Columbia, MO	For outstanding research in the statistical analysis of dependent data, particularly the development of multi-scale spectral methodology in time series and spatiotemporal statistics; for innovative applications to environmetrics, econometrics, and federal statistics; for excellence in mentoring; and for dedicated service to the profession.
28.	Shelley Hurwitz Harvard Medical School, Brigham & Women's Hospital Boston, MA	For advancing the ethical practice of statistics; for outstanding contributions to statistical consulting and administrative models for consulting services; for exemplary mentoring of researchers and clinical faculty; and for excellent and sustained contributions to medical research in the field of statistics.
29.	Lurdes Yoshiko Tani Inoue University of Washington Seattle, WA	For substantial and fundamental contributions to Bayesian decision theory and innovation in the statistical modeling of disease progression with applications to cancer research; for outstanding mentoring of junior researchers; and for exemplary service to the profession.
30.	Qi Jiang Amgen Thousand Oaks, CA	For influential contributions to clinical drug development, particularly in the area of diseases of the bone; for innovative contributions to biostatistics, including methodological advances in noninferiority trials, drug safety assessment, and benefit-risk assessment; for outstanding leadership of initiatives in the pharmaceutical industry; and for broad service to the profession.

31.	Amarjot Kaur Merck Kenilworth, NJ	For excellence in consulting and application of statistical methods in complex clinical trials leading to the development of new medicines for arthritis, osteoporosis, and allergy immunotherapy; for outstanding statistical and administrative leadership in her company that has elevated the role of the statistician in clinical research; and for service to the ASA.
32.	Harry J. Khamis Wright State University Dayton, OH	For excellence in research in the areas of categorical data analysis and goodness of fit tests; for outstanding consulting and application of statistics in biological and medical sciences; and for the advancement of statistics through an enduring commitment to teaching and mentoring students.
33.	Mimi Y. Kim Albert Einstein College of Medicine Bronx, NY	For exemplary leadership of academic biostatistics programs; for extensive collaborative research in HIV/AIDS, cancer, and rheumatology; for innovative study designs and analyses applied to medical research; and for extensive service to the biostatistics profession.
34.	Frauke Kreuter JPSM University of Maryland, IAB & LMU Washington, DC	For outstanding contributions to research in the field of survey methodology; for excellence in mentoring of junior researchers in social statistics and survey methodology; and for extensive international research collaborations.
35.	Karunarathna Bandara Kulasekera University of Louisville Louisville, KY	For the advancement of statistical methods and applications in nonparametric regression, variable selection, reliability and life-testing, survival analysis, smoothing, density estimation, and other areas; for outstanding leadership in teaching, mentoring, and statistical program development; and for dedicated service to the ASA and the profession.
36.	Purushottam W. (Prakash) Laud Medical College of Wisconsin Milwaukee, WI	For pioneering contributions to Bayesian nonparametric methods and major contributions to model selection and statistical computation; for outstanding mentoring, teaching, and dissemination of statistical information at all levels; and for the creation of a successful PhD program in biostatistics.
37.	Nicole Alana Lazar The University of Georgia Athens, GA	For foundational statistical contributions to the area of empirical likelihood; for the development of new statistical methods for the analysis of functional magnetic resonance imaging (fMRI) data; and for developing, reforming, and enhancing statistical education.
38.	Robert H. Lyles Emory University Atlanta, GA	For outstanding statistical research contributing to analytic methods in epidemiologic research; for leadership in enhancing biomedical collaborations; for continued excellence in biostatistical training; and for notable service to the profession.
39.	Leslie M. (Lisa) Moore Los Alamos National Laboratory Los Alamos, NM	For seminal and creative research on the design of computer experiments; for statistical collaboration on a wide range of problems of scientific and national importance; and for mentoring statisticians and statistical researchers.
40.	Edward J. Mulrow NORC at the University of Chicago Arlington, VA	For sustained statistical leadership and creative solutions in contentious consulting situations; for effective assistance to U.S. governmental agencies in addressing challenging data collection and analysis issues; and for advancing statistical excellence in mentoring junior team members.
41.	Bin Nan University of Michigan Ann Arbor, MI	For fundamental contributions to semiparametric inference in survival and incomplete data; for extensive and wide-ranging collaborative work in the medical field; for exemplary teaching and mentoring; and for service to the profession.

42.	Eva Petkova New York University New York, NY	For significant research contributions to statistical methodology in mental health research; for dedicated leadership in advancing the use of statistical methods for the analysis of mental health data; and for devoted mentoring of students and medical researchers.
43.	Vasilis Bill Pikounis Johnson & Johnson Spring House, PA	For highly effective application of statistical principles in nonclinical and preclinical research of biological therapeutics; for numerous activities that have enhanced the stature of nonclinical statistics in the pharmaceutical industry; and for service to the ASA Biopharmaceutical Section and local chapters.
44.	Sophia Rabe-Hesketh University of California at Berkeley Berkeley, CA	For groundbreaking contributions to the field of generalized linear latent and mixed models for analysis of complex data in medicine, education, and the social sciences; for development of computational software; and for service to the profession.
45.	Shesh Nath Rai University of Louisville Louisville, KY	For extensive collaborations in medical research; for developing methods for interval-censored data, risk analysis, and clinical trials; for leadership in establishing biostatistics core units in order to develop excellence in clinical care and research; and for dedicated service to the profession.
46.	Timothy Jay Robinson Wyoming WWAMI Medical Education Program Laramie, WY	For outstanding contributions to statistical methodology in design of experiments and robust parameter design; for award-winning training in statistics; and for valuable collaborations with high-school and community college instructors in various capacities, including the implementation of newly adopted statistics standards in the Wyoming core curriculum.
47.	Philip Rocco Scinto The Lubrizol Corporation Wickliffe, OH	For outstanding contributions to applying innovative statistical solutions in industry; for practical applied research in supersaturated designs; and for exceptional service to the profession, including leadership in initiating the ASA Conference on Statistical Practice.
48.	Larry Z. Shen Pharmapace, Inc. San Diego, CA	For outstanding contributions to statistical leadership in the pharmaceutical industry, including establishing a highly regarded biometrics department and supervising and mentoring young statisticians; for excellence of research in robust statistics and continual reassessment methods; and for exceptional leadership and service to the profession.
49.	Pedro Luis do Nascimento Silva IBGE – National School of Statistical Science Rio do Janeiro, Brazil	For significant contributions to the theory and application of survey sampling practice; for excellence in teaching and consulting; and for fostering statistical practice by exemplary leadership and service to many national and international organizations.
50.	Philip B. Stark University of California Berkeley, CA	For novel contributions to the theory of inverse problems and confidence intervals arising in application of statistics in earth and planetary sciences; for development and application of risk-limiting post-election audits; and for pioneering work regarding the online teaching of statistics.
51.	Stefan Steiner University of Waterloo Waterloo, ON, Canada	For substantial research contributions in process monitoring and measurement system assessment; for highly productive collaborative consulting in industry that has resulted in improved industrial and business processes; and for service to the ASA and the profession.
52.	Elizabeth A. Stuart Johns Hopkins Bloomberg School of Public Health Baltimore, MD	For outstanding contributions to research in the estimation of causal effects; for extensive efforts in the dissemination of statistical methods in education and mental health, including the development of widely used software; and for extensive service to the ASA and the profession.

53.	Joshua M. Tebbs University of South Carolina Columbia, SC	For influential contributions to order-restricted inference as well as group testing methods and practice; for inspirational statistical teaching and mentoring; and for dedicated service to his department and to the ASA.
54.	Naitee Ting Boehringer-Ingelheim Pharmaceuticals, Inc. Ridgefield, CT	For influential contributions in clinical development of new drugs, especially in dose finding; for contributions to the research of confidence intervals on variance components; for outstanding mentoring of students and colleagues; and for prodigious service to statistical communities.
55.	Tor Devin Tosteson Dartmouth Geisel School of Medicine Lebanon, NH	For exceptional contributions to statistical methodology, especially for measurement errors in generalized linear models; for advancing education in quantitative methods for biomedical sciences; and for collaborating with and enhancing translational studies in numerous areas of medicine.
56.	David Charles Trindade Bloom Energy Corporation Sunnyvale, CA	For outstanding leadership and achievement in high technology industry, promoting the use of statistical methods to improve quality and reliability; for dedicated training of engineers and managers in the application of statistical methods and statistical software using innovative teaching methods; and for service to the profession.
57.	Tyler J. VanderWeele Harvard University Boston, MA	For foundational research contributions to causal inference and statistics in epidemiology; for innovative statistical applications throughout the biomedical and social sciences; for excellence in teaching and mentoring; and for broad service to the profession.
58.	Melanie Wall Columbia University New York, NY	For influential methodological contributions to the fields of spatial and longitudinal data analysis and latent variable modeling, particularly in structural equation modeling; for outstanding and extensive collaborations with researchers in obesity, substance abuse, and a variety of other scientific areas; and for service to the profession.
59.	Hansheng Wang Peking University Beijing, China	For fundamental contributions to high-dimensional data analysis, including regularization parameter selection in shrinkage estimation and feature screening for ultrahigh-dimensional data; for leadership in promoting statistical applications in business; and for excellent editorial service.
60.	Changbao Wu University of Waterloo Waterloo, ON, Canada	For outstanding contributions to survey sampling theory and practice, especially the development of pseudo-empirical likelihood methods for the analysis of complex survey data, and for strong leadership and service to the profession.
61.	Lilly Q. Yue U.S. Food and Drug Administration Silver Spring, MD	For outstanding contributions to regulatory statistics in adapting propensity score methodology for observational comparative studies; for excellent leadership and mentoring in a government environment; and for notable service to the profession.
62.	Xiaohua Douglas Zhang Merck Research Laboratories West Point, PA	For leadership in promoting and applying novel statistical methods in the pharmaceutical industry; for disseminating statistical knowledge in the biological sciences community; for mentoring and advising junior statisticians; and for service and dedication to the profession.
63.	Tian Zheng Columbia University New York, NY	For creating novel statistical methodology in statistical genetics, bioinformatics and computational biology, and social network theory, especially as related to the measuring homophily and to surveying hard-to-reach populations, and for being a role model for doctoral students.

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