

## **ASA NAMES 62 NEW FELLOWS**

*Selection honors each as “foremost members” of statistical science*

ALEXANDRIA VA, JUNE 4, 2015 – Sixty-two members of the American Statistical Association (ASA), the nation’s preeminent professional statistical society, have been bestowed the title of Fellow by the association.

Honorees are being recognized for outstanding professional contributions to and leadership in the field of statistical science. The new fellows hail from 24 U.S. states, the District of Columbia and six other countries. An alphabetical by last name list and the citation for each new fellow follows this release. They will be presented certificates at a ceremony August 11 at the [2015 Joint Statistical Meetings](#) in Seattle.

“I commend each new ASA fellow for being recognized with this prestigious honor,” said ASA President David R. Morganstein. “Each newly designated fellow has distinguished him or herself through the advancement of statistical theory, methodology and applications as well as service to the ASA and now rightfully is recognized as a preeminent contributor to the field of statistical science. They truly are among the foremost members of our field.”

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 in the profession 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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## 2015 AMERICAN STATISTICAL ASSOCIATION FELLOWS

#	Name	Citation
1.	<b>Chul Ahn</b> UT Southwestern Medical Center Dallas, TX	For outstanding contributions to statistical research in cancer, rheumatology, and cardiovascular clinical studies; for superb leadership in academic institutions; and for dedicated service to the profession.
2.	<b>Girish Arun Aras</b> Amgen Inc. Thousand Oaks, CA	For major contributions to developing the theory of sequential analysis; for outstanding research in biopharmaceutical statistics and drug-development protocols; and for leadership in directing a global biostatistics team in the pharmaceutical industry.
3.	<b>John Aston</b> University of Cambridge Cambridge, United Kingdom	For profound contributions to applied statistics, most notably statistical neuroimaging, statistical linguistics, and time series for official statistics; for excellence in mentoring graduate students; and for outstanding service to the statistical profession.
4.	<b>Subhash C. Bagui</b> The University of West Florida Pensacola, FL	For significant contributions to statistical methodology in the areas of NN and RNN classification rules and statistical tables, excellence in teaching, and distinguished service to the profession through editorial services and leadership roles in ASA chapters.
5.	<b>Raymond P. Bain</b> Merck Research Laboratories North Wales, PA	For visionary leadership of a large multinational biostatistics organization; for influential statistical contributions to drug and vaccine development; for excellence in the design, conduct, and publication of multi-centered cooperative medical research; and for dedicated service to the profession.
6.	<b>Peter M. Bentler</b> University of California, Los Angeles Los Angeles, CA	For fundamental and programmatic contributions to statistical theory and applications of structural equation models and contributions to the statistical development of reliability statistics, as well as for leadership in psychometric and applied statistical professional societies.
7.	<b>Bruce Binkowitz</b> Merck & Co. Inc. Rahway, NJ	For promoting strategic statistical thinking and innovative methods in the pharmaceutical industry; for outstanding leadership in the design, analysis, and implementation of multi-regional clinical trials; for tirelessly fostering academe-government-industry collaborations; and for superb service to the statistical profession.
8.	<b>Erin E. Blankenship</b> University of Nebraska-Lincoln Lincoln, NE	For innovation and leadership in K–12 teacher development; for excellence in teaching, mentoring, and inspiring future teachers, teaching assistants, and statistics education researchers; and for interdisciplinary collaboration and service to the profession.
9.	<b>Ørnulf Borgan</b> University of Oslo Oslo, Norway	For contributions to counting process methods in survival and event history analysis, innovative studies of nested case-control and case-cohort designs in epidemiology, effective dissemination of statistical knowledge, and excellence in editorial work.

10.	<b>Frank Bretz</b> Novartis Basel, Switzerland	For innovative statistical methods that lead to more efficient and informative clinical trials, including advances in dose-response trials, multiple testing, and adaptive trial designs; for excellence in statistical consulting; and for service to the profession, including exceptional international outreach activities.
11.	<b>Eric Chicken</b> Florida State University Tallahassee, FL	For excellence in the development and application of wavelet-based statistical methods; for high-impact research collaborations and dissemination of statistics to multiple fields; for inspiration and mentoring of students; and for service to the Florida Chapter.
12.	<b>Kennon R. Copeland</b> NORC at the University of Chicago Bethesda, MD	For outstanding contributions and sustained collaboration involving statistical methods in health and labor force statistics; for excellence in mentoring of junior researchers to become leaders in statistics; and for a career of outstanding administration of statistical activities.
13.	<b>Jill A. Dever</b> RTI International Washington, DC	For development and dissemination of statistical tools for survey researchers; for skillful management of large-scale surveys for federal agencies; for dedicated mentoring of survey statisticians and other researchers; and for service to the profession.
14.	<b>Vanja Dukic</b> University of Colorado at Boulder Boulder, CO	For important contributions to Bayesian modeling of complex processes and analysis of Big Data, substantive and collaborative research in infectious diseases and climate change, and service to the profession, including excellence in editorial work.
15.	<b>Michael D. Escobar</b> University of Toronto Toronto, Ontario, Canada	For foundational developments in Bayesian nonparametric modeling and computational algorithms; for outstanding collaborations in public health and medical research; and for outstanding mentoring, teaching, leadership, and service to the profession.
16.	<b>Duncan K.H. Fong</b> The Pennsylvania State University University Park, PA	For outstanding contributions to statistical methodology and applications, especially in business statistics and Bayesian analysis, and for exemplary leadership and service to the profession.
17.	<b>Andrzej Galecki</b> University of Michigan Ann Arbor, MI	For outstanding contributions to the analysis of repeated measures data; high-quality statistical software; collaborations on studies of aging; and dedicated service as reviewer for statistics, medical, and scientific journals.
18.	<b>Daniel Alva Griffith</b> University of Texas at Dallas Richardson, TX	For influential contributions to the theory and practice of spatial statistical analysis and the effective dissemination and popularization of these methods in geography and environmental science through research, teaching, and editorial endeavors.
19.	<b>Yongtao Guan</b> University of Miami Coral Gables, FL	For outstanding theoretical and methodological contributions in analyzing spatial point patterns; for wide-ranging and influential applications of spatial point pattern models in public health; for excellent administrative leadership; and for service to the profession.

20.	<b>Susan Halabi</b> Duke University Durham, NC	For outstanding statistical leadership; for innovative designs and analyses in cancer clinical trials; for exceptional development and validation of prognostic models of clinical outcomes; for educational activities; and for dedicated service to the ASA and other professional societies.
21.	<b>John Joseph Hanfelt</b> Emory University Atlanta, GA	For outstanding contribution to the development of estimating function theory and its applications to biomedical research; for excellence in graduate education; and for service to the association and the profession of statistics.
22.	<b>Johanna Hardin</b> Pomona College Claremont, CA	For outstanding mentoring of students, including those who are traditionally under-represented; for modernizing statistics education locally and nationally; for contributions to the biological and medical research communities in the field of statistics, especially with respect to high-throughput analysis; and for service and leadership to the ASA.
23.	<b>Ofer Harel</b> University of Connecticut Storrs, CT	For contributions to the development of incomplete data methodology, in particular multiple imputation; for exceptional interdisciplinary work across various fields; for mentoring young researchers; and for service to the profession and demonstrated leadership.
24.	<b>David R. Hunter</b> The Pennsylvania State University University Park, PA	For fundamental contributions to the theory and practice of statistical computing; for major contributions to statistical network modeling techniques; for the outstanding teaching of statistics; and for service to the profession.
25.	<b>Linda A. Jacobsen</b> PRB Washington, DC	For outstanding contributions to statistical methodology—especially in the analysis, interpretation, and communication of socio-economic and demographic data—and for exemplary leadership and service to the profession.
26.	<b>Timothy D. Johnson</b> University of Michigan Ann Arbor, MI	For outstanding contributions to Bayesian modeling and inference in image analysis and advances in Bayesian computational statistics and for exemplary service to the profession through mentoring of students, leadership in the Statistics in Imaging Section, and excellent editorial work.
27.	<b>Timothy P. Johnson</b> University of Illinois at Chicago Chicago, IL	For research in cross-cultural survey methods and in measurement equivalence across cultural groups; for development and effective dissemination of methodology for health surveys, in particular surveys of multicultural, disadvantaged, marginalized, and other hard-to-reach populations; for promotion of ethics, professional standards and transparency in survey research; and for exemplary service to the profession.
28.	<b>Mary J. Kwasny</b> Northwestern University Oak Park, IL	For innovative analyses of health-related longitudinal studies and unique ability to extract clinically useful messages; for outstanding collaborations, curriculum development, and teaching in biostatistics and epidemiology; and for exceptional service to the Chicago Chapter and board of directors.

29.	<b>Mary Beth Landrum</b> Harvard Medical School Boston, MA	For outstanding contributions to the development of Bayesian and causal inference methodology to understand and improve how medical care is delivered and to the translation of these methods in the areas of cancer, cardiology, and health disability and for exceptional service to the field of health policy statistics.
30.	<b>Jodi Lapidus</b> Oregon Health & Science University Portland, OR	For outstanding teaching and development of biostatistics in health science graduate programs; leadership in the development of biostatistics education programs and curricula; excellent sustained collaborations with clinical, translational, and population science research teams; and extensive mentorship of many students, faculty, and community collaborators.
31.	<b>Yoonkyung Lee</b> The Ohio State University Columbus, OH	For fundamental and influential research on the multicategory support vector machine; for work at the edge of statistics and computer science and building a bridge between the statistics and machine learning communities; and for editorial and program committee service to the profession.
32.	<b>James D. Leeper</b> The University of Alabama Tuscaloosa, AL	For continuous contributions of statistical knowledge to the medical and public health research communities; for outstanding teaching of statistics in medical and health sciences; for excellent mentoring of graduate students; and for exceptional leadership as an applied statistician in public health and medicine.
33.	<b>Bing Li</b> The Pennsylvania State University University Park, PA	For fundamental and pioneering work on central mean spaces, quadratic inference functions, directional regression, dimension folding, nonlinear sufficient dimension reduction, additive conditional independence, and nonparametric graphical models.
34.	<b>Gang Li</b> Johnson & Johnson Brunswick, NJ	For innovative theoretical and practical contributions to adaptive designs and interim treatment selections in clinical trials; for excellence in leading and consulting on programs in drug development; for outstanding leadership of initiatives in the pharmaceutical industry; and for broad service to the profession.
35.	<b>Peter V. Miller</b> U.S. Census Bureau Washington, DC	For spearheading the adoption of innovative adaptive design methods at the U.S. Census Bureau; for enhancing the visibility, understanding, and reputation of survey research methods; and for leadership in establishing the Journal of Survey Statistics and Methodology, jointly sponsored by ASA and AAPOR.
36.	<b>John P. Morgan</b> Virginia Tech Blacksburg, VA	For excellence in research related to experimental design; outstanding teaching of undergraduate and graduate students; and service to the department, college, and statistics profession.
37.	<b>Daniel John Nordman</b> Iowa State University Ames, IA	For outstanding research in modern computationally intensive nonparametric statistical methods for dependent data; exemplary teaching performance at the undergraduate, master's, and doctoral levels; and excellent editorial service to the profession.

38.	<b>Art B. Owen</b> Stanford University Stanford, CA	For original contributions to the founding and development of empirical likelihood; for the research contributions in Monte Carlo and related methods; for leadership and services to the scientific computation community; and for promoting statistical solutions to problems in modern information technology and beyond.
39.	<b>Frank Potter</b> Mathematica Policy Research Pineland, FL	For excellence in the design and implementation of innovative applied statistical methods in large and complex policy studies, leadership in disseminating statistical methods for the improvement of establishment surveys, and dedicated service to the profession.
40.	<b>Fernando Andrés Quintana</b> Pontificia Universidad Católica de Chile Santiago, Chile	For pioneering methodological developments in Bayesian nonparametrics and related computations; for outstanding contributions to the profession through chairing a statistics department, editorial service, and fostering intensive international statistical collaborations between Chile and other countries; and for outstanding mentoring, teaching, and dissemination of statistical information at all levels.
41.	<b>Paul J. Rathouz</b> University of Wisconsin Madison, WI	For outstanding contributions to methodological research, statistical consultation, and collaboration; for leadership as a department chair in an academic institution; and for service to the profession.
42.	<b>Daniel Bryant Rowe</b> Marquette University Milwaukee, WI	For insightful fundamental statistical contributions to the understanding of functional magnetic resonance image (fMRI) reconstruction and processing; for pioneering contributions to complex-valued fMRI activation models; and for exemplary service to the ASA and the profession.
43.	<b>Mary Dupuis Sammel</b> University of Pennsylvania Philadelphia, PA	For the development and application of statistical methodology in maternal and child health research and women's health research in general; for the development of innovative methods for the analysis of multivariate longitudinal data; for outstanding teaching and mentoring of clinical and statistical scientists; and for dedicated service to the profession.
44.	<b>Richard J. Samworth</b> University of Cambridge Cambridge, United Kingdom	For seminal work in nonparametric statistics—including shape constraints, classification, and high-dimensional inference—and service to the profession.
45.	<b>Jaya M. Satagopan</b> Memorial Sloan Kettering Cancer Center New York, NY	For influential methodological contributions in cancer epidemiology—especially in the area of genomic association studies—effective dissemination of statistical practice in medical sciences, inspirational mentoring of minority students, and dedicated service to the profession.
46.	<b>Haipeng Shen</b> University of North Carolina at Chapel Hill and University of Hong Kong Cary, NC	For theoretical and applied research in diverse statistical areas—sparse SVDs—and for functional dynamic factor models and service system measurement and management, analysis of neuro-images, network traffic, and genetics; and for service to the ASA through editorial research and conference contributions.

47.	<b>Karan P. Singh</b> University of Alabama at Birmingham Birmingham, AL	For excellence in statistical consultation, applications and research, particularly in health- and medical-related disciplines; for outstanding leadership in establishing a department of biostatistics and managing research centers; for exemplary effective collaborative interactions with the medical community; and for dedicated service to the profession.
48.	<b>Robert D. Small</b> Sanofi Pasteur Orlando, FL	For excellence in collaboration with physicians and basic scientists in the pharmaceutical industry; for mentorship and recruitment of young biostatisticians and exemplary leadership in the industry; and for successful implementation of innovative management ideas and creative approaches to vaccine development.
49.	<b>Victor Solo</b> University of New South Wales Sydney , NSW, Australia	For influential contributions to time series, econometrics, and neuroimaging; for transferring statistical knowledge to other disciplines; for high-quality and generous editorial services; and for educating and mentoring junior researchers.
50.	<b>Catherine A. Sugar</b> University of California at Los Angeles Los Angeles, CA	For outstanding methodological contributions in cluster analysis and functional data analysis; for extraordinary accomplishment in teaching and mentoring; for outstanding leadership in integrating statistical methods into mental health research; and for exemplary service to the profession.
51.	<b>Fengzhu Sun</b> University of Southern California Los Angeles, CA	For contributions to computational biology and bioinformatics through innovation in statistics and applied probability and for leading one of the premier programs in computational biology and the mentoring of junior researchers in the field.
52.	<b>Jürgen Symanzik</b> Utah State University Logan, UT	For pioneering research in statistical graphics using virtual reality; for substantial contributions to new methodology for exploratory analysis of spatial data; and for service to the Statistical Graphics section of the American Statistical Association and the profession at large.
53.	<b>Peter F. Thall</b> M.D. Anderson Cancer Center Houston, TX	For innovative contributions to Bayesian clinical trial design, including sequentially adaptive methods for multiple outcomes, dose-finding, safety monitoring, and dynamic treatment regimes; for seminal applications of biostatistics to cancer research; and for service to the profession.
54.	<b>Abdus S. Wahed</b> University of Pittsburgh Pittsburgh, PA	For contributions to methodology for dynamic treatment regimes and sequential randomized trials, application of statistics to improving life around the world, outstanding teaching and mentoring, and service to the profession.
55.	<b>Ying Wei</b> Columbia University New York, NY	For significant contributions to the statistical methodology of quantile regression and the application of statistics to the analysis of growth curves and in epidemiology; for excellence in statistical consulting; for graduate education; and for service to the profession.
56.	<b>Hadley Wickham</b> RStudio Houston, TX	For pivotal contributions to statistical practice through innovative and pioneering research in statistical graphics and computing and for extensive service to the profession.

57.	<b>Brian Jonathan Williams</b> Los Alamos National Laboratory Los Alamos, NM	For exemplary research in the quantification of uncertainty for predictions from large computational models and complex physical systems; for excellence in statistical leadership of critical federal programs of safety and reliability; and for outstanding collaborations and novel contributions to the Department of Energy.
58.	<b>Diane K. Willimack</b> U.S. Census Bureau Washington, DC	For pioneering the adoption of cognitive research methods in establishment surveys at the U.S. Census Bureau; for leadership in initiating the International Workshops on Business Data Collection Methods and influencing the application of survey methodology among business surveys worldwide; and for outstanding mentoring.
59.	<b>Keying Ye</b> The University of Texas at San Antonio San Antonio, TX	For outstanding research in objective Bayesian analysis, statistical decision theory, and inference; for application of Bayesian methodology in biomedical science, environmental science, experimental design, financial risk assessment, and cyber-security; for development of doctoral programs in statistics; for outstanding teaching and mentoring; and for excellent ASA service and building bridges across statistical communities.
60.	<b>Grace Y. Yi</b> University of Waterloo Waterloo, Ontario, Canada	For research excellence in developing statistical theory and methods, particularly in missing and mis-measured data; for important contributions to biostatistics; and for excellence in statistical education and mentoring students.
61.	<b>Hao Helen Zhang</b> University of Arizona Tucson, AZ	For contributions to statistical methodology and applications in nonparametrics, statistical machine learning, and high-dimensional data analysis; for actively promoting statistics through substantial and wide-ranging collaborations; for excellence in teaching and mentoring students; and for dedicated service to the ASA and the profession.
62.	<b>Jun Zhu</b> University of Wisconsin-Madison Madison, WI	For contributions to the theory and application of spatio-temporal models, in particular for categorical responses; for significant collaborative research in the life sciences; and for outstanding service to the profession.

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