



American Statistical Association Names 48 Fellows for 2012

The American Statistical Association has announced 48 Fellows for 2012. The recipients were recognized for their outstanding professional contributions to and leadership in the field of statistical science. A complete list of the recipients follows the release.

Alexandria, VA (PRWEB) May 10, 2012

The American Statistical Association (ASA), the nation's preeminent professional statistical society, today announced that it has elected 48 of its members as Fellows of the Association. The recipients were recognized for their outstanding professional contributions to and leadership in the field of statistical science. The Fellows will receive their certificates at a ceremony on Tuesday evening, July 31, at the annual Joint Statistical Meetings, to be held this year in San Diego, California.

"The 48 individuals honored as 2012 Fellows represent an extraordinary set of accomplishments within the field of statistics," said Robert N. Rodriguez, ASA president. "Their selection as Fellows signifies that they and their work have earned the admiration of their peers, and I congratulate them on behalf of our association."

The 2012 Fellows are from 18 states and six countries. A list of the Fellows by state/country, along with the citation for each, follows this release.

The designation of Fellow has been a superlative honor in ASA for nearly 100 years. According to the association by-laws, each year the Committee on Fellows can elect no more than one-third of one percent of the total ASA membership as Fellows. Individuals are nominated for the honor by fellow members and, to be selected, must have an established reputation and made outstanding contributions in some aspect of statistical work.

The Committee on Fellows evaluates candidates' contributions to the advancement of statistics, giving due weight to publications, the positions held by the candidates in the organizations in which they are employed, activities within the association, membership and accomplishments in other societies, and other professional activities.

About the American Statistical Association

The American Statistical Association (ASA), a scientific and educational society founded in Boston in 1839, is the second oldest continuously operating professional society in the United States. For more than 170 years, ASA has been providing its 18,000 members serving in academia, government, and industry and the public with up-to-date, useful information about statistics. The ASA has a proud tradition of service to statisticians, quantitative scientists, and users of statistics across a wealth of academic areas and applications. For additional information about the American Statistical Association, please visit the association's web site at <http://www.amstat.org> or call 703.684.1221.

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American Statistical Association 2012 Fellows

Mousumi Banerjee, University of Michigan, Ann Arbor, Michigan

For outstanding and sustained research, collaboration and mentoring involving statistical methods, theory and design for clinical trials, and for service to the profession.

Sudipto Banerjee, University of Minnesota, Minneapolis, Minnesota

For theoretical, methodological and applied research in spatiotemporal statistical modeling, especially as applied to problems in environmetrics, ecology, occupational health, agriculture and economics, for professional work at the local and national levels and for editorial service to the profession.

Melissa Begg, Columbia University, New York, New York

For excellence in leadership, development and delivery of training and mentoring programs for young clinical investigators, for promotion of statistics in biomedical research, for advancing statistics education and for service to the research community.

F. DuBois Bowman, Emory University, Department of Biostatistics and Bioinformatics, Atlanta, GA

For outstanding statistical research contributing to the advancement of biomedical imaging statistics, for excellence in promoting diversity in the field of statistics, and for extensive service to the profession.

Amy J. Braverman, Jet Propulsion Laboratory, California Institute of Technology, Pasadena, California

For contributions to environmental statistics, particularly in the interface between massive-data reduction and remote sensing; and for service to the statistics community in climate research and policy.

N. Rao Chaganty, Old Dominion University, Norfolk, Virginia

For contributions to the statistical literature in large deviations, generalized estimating equations and quasi least squares methods; for excellent service in promoting the practice and profession of statistics; and for mentoring students at all levels.

Dongseok Choi, Division of Biostatistics, Oregon Health & Science University, Portland, Oregon

For contributions to statistical methods in bioinformatics and spatial modeling, service to the statistical profession and to biostatistics education.

Mark R. Conaway, University of Virginia Health Systems, Department of Public Health Sciences, Charlottesville, Virginia

For excellence in statistical collaboration, for the development of statistical methods in missing data and in designs for early stage clinical trials, and for contributions to teaching statistical methods.

Susmita Datta, University of Louisville, Louisville, Kentucky

For excellence in methodological and collaborative research in bioinformatics and biostatistics, student training and service to the statistics and computational biology communities.

Marc N. Elliott, RAND Corporation, Carmichael, California

For contributions to statistical methods and practice, particularly the measurement of health disparities, and to survey methods research.

Scott R. Evans, Harvard School of Public Health, Wrentham, Massachusetts

For excellence in the design and analysis of clinical trials, consulting and education in clinical research, methodological development, and for outstanding leadership and service to the ASA and the statistics profession.

Debashis Ghosh, Pennsylvania State University, University Park, Pennsylvania

For fundamental contributions to survival analysis, biomarker evaluation, statistical genomics and bioinformatics; for contributions to graduate education; for services to the profession.

Mithat Gönen, Memorial Sloan-Kettering Cancer Center, New York, New York

For important research on predictive modeling, ROC analysis, and other biostatistical issues, especially related to improving cancer staging systems, for extraordinary collaborative work on the theory and practice of statistics, and for commendable service to the profession.

Robert L. Gould, UCLA, Los Angeles, California

For innovative, wide-reaching, and far-reaching contributions to statistics education at the high school, community college, and undergraduate levels; for excellence in teaching statistics; and for outstanding service to the ASA.

Deborah H. Griffin, US Census Bureau, Alexandria, Virginia

For notable and sustained contributions to statistical user education and the advancement of survey methods through methodological improvements in the collection, dissemination, documentation, and quality of data from the American Community Survey and the decennial census.

Jeffrey H. Hooper, BT Group US&C, Warren, New Jersey

For exemplary service in national and international standards development, and in the practice of statistical methods for improving quality in multiple businesses.

Nicholas J. Horton, Smith College, Northampton, Massachusetts

For outstanding contributions to statistical education; for excellence in the development of applications to medical research; and for exemplary leadership and service to the profession and to ASA.

Xiaoqiong Joan Hu, Simon Fraser University, Department of Statistics & Actuarial Science, Burnaby, British Columbia, Canada

For outstanding contributions to statistical methods for incomplete data analysis, statistical monitoring and the analysis of stochastic process data; for excellence in statistical applications in biomedical research and reliability; and for outstanding service to the profession.

Michael G. Hudgens, University of North Carolina At Chapel Hill, Chapel Hill, North Carolina

For excellent and sustained methodological research and collaboration involving the statistical design and analysis of infectious disease studies, particularly related to HIV/AIDS, and for excellent teaching and mentoring of students.

Gareth James, University of Southern California, Los Angeles, California

For outstanding, impactful research contributions on contemporary statistical theory, methods and applications in the areas of functional data analysis and high-dimensional variable selection, for excellence in teaching, and for conscientious service to the profession.

Jae-Kwang Kim, Department of Statistics & Center for Survey Statistics and Methodology (CSSM), Iowa State University, Ames, Iowa

For outstanding advances to survey sampling theory and methodology; for pioneering contributions to the development of fractional imputation for missing data analysis; and for service to the profession.

Michael D. Larsen, The George Washington University, Department of Statistics, Rockville, Maryland

For novel contributions to record linkage, disclosure limitation, missing data methods, and statistical modeling; for excellence in statistical education; for outstanding editorial work; and for service to the profession.

Lawrence I-Kuei Lin, Baxter Healthcare Corporation, Riverwoods, Illinois

For steadfast contributions to and broad leadership of the development of statistical tools in pharmaceutical research, particularly for assay measurement agreement, for teaching and research collaborations with academia, and for admirable service to the profession.

Bo Henry Lindqvist, Department of Mathematical Sciences, Norwegian University of Science and Technology, Trondheim, Norway

For outstanding contributions to stochastic processes, reliability theory, survival analysis, and high-dimensional data analysis; for exemplary editorial work; and for service to the profession.

Jen-Pei Liu, Division of Biometry, Department of Agronomy, National Taiwan University, Taiwan, Republic of China

For significant contributions of methodological research and applications in Biostatistics, especially in bioequivalence, clinical trial design; for the leadership in statistics education reform and innovative approaches for promoting statistical literacy; and for excellence in consulting to government agencies and industries.

Thomas Lumley, University of Auckland, Auckland, New Zealand

For outstanding contributions to statistical theory and practice; for influential collaborations benefiting many important scientific studies; and for implementation of new methodology through the R system and the development of specialist software packages.

Clyde F. Martin, Texas Tech University, Lubbock, Texas

For his work on the applications and interactions of statistics with multiple fields of science such as medicine, agriculture, engineering, and numerical analysis; for his applied work in public health that resulted in improvements in healthcare practices.

Nancy A. Mathiowetz, University of Wisconsin – Milwaukee, Milwaukee, Wisconsin

For outstanding research focusing on the effects of measurement error; and for dedicated service to the survey research community through her editorial work and mentoring of the next generation of survey methodologists.

Bhramar Mukherjee, University of Michigan, Department of Biostatistics, Ann Arbor, Michigan

For influential research on Bayesian methods for analysis of gene-environment interactions and data generated under case-control and outcome dependent sampling mechanisms, for insightful consulting and collaboration with genetic scientists, for superb teaching and mentoring of both majors and non-majors of biostatistics, and for steadfast service to the profession.

Anna B. Nevius, Food and Drug Administration/CVM, Rockville, Maryland

For innovation and application of new statistical methods to the evaluation of new animal drugs; for excellence in mentoring the next generation of statisticians; and for extraordinary efforts on behalf of the FDA Statistical Association and the ASA.

Thomas E. Nichols, Department of Statistics & Warwick Manufacturing Group, University of Warwick, Coventry, United Kingdom

For outstanding methodological contributions to neuroimaging statistics, and for innovative work in medical imaging.

A. James O'Malley, Harvard Medical School, Boston, Massachusetts

For novel use of Bayesian statistics, multivariate-hierarchical modeling, causal inference and social network analysis to solve problems in health policy and health services research, for improving evaluation of treatments and quality of health care, and for leadership in health policy statistics.

R. Todd Ogden, Columbia University, New York, New York

For outstanding contributions to wavelet methodology, the teaching of statistics, and functional data analysis in biomedical settings.

Liang Peng, Georgia Institute of Technology, Atlanta, Georgia

For significant research in extreme value theory, nonlinear time series and nonparametric statistics, with an emphasis on applications to actuarial science and risk management.

José C. Pinheiro, Janssen R&D, Raritan, New Jersey

For the development of novel methods and software in mixed-effect models and dose finding; for influential efforts in statistical consulting; for important contributions to statistical education through book authorship and training; and for outstanding leadership in service to the profession and the ASA.

Christian P. Robert, Université Paris Dauphine, Paris, France

For pioneering contributions to both the theory and practice of statistics, and seminal work on hierarchical models and the development of MCMC theory and methods.

Abdul J. Sankoh, Vertex Pharmaceuticals, Department of Biometrics, Cambridge, Massachusetts

For fine research contributions to the field of biostatistics, and the enhancement of clinical trial design and data analysis.

Sanjay Shete, UT M.D. Anderson Cancer Center, Houston, Texas

For outstanding contributions to statistical genetics; for excellence in statistical collaborations in biomedical research; for outstanding mentoring of junior researchers; and for service to the profession.

Judith D. Singer, Harvard University, Cambridge, Massachusetts

For substantial contributions to quantitative methods used in social, educational, and behavioral research; for pedagogical innovations and outstanding teaching of generations of students; and for significant leadership and service to the statistics profession, educational statistics research community, and higher education.

Marc A. Suchard, UCLA, Los Angeles, California

For his wide-ranging, insightful and influential contributions to computational statistics, stochastic processes, Bayesian modeling and computing, evolutionary medicine, bioinformatics, and computational biology; for innovative models and contributions to the analysis of phylogeny, alignment, gene transfer and phylogeography.

Thaddeus Tarpey, Wright State University, Dayton, Ohio

For influential contributions to statistical research and applications, particularly in the areas of multivariate analysis and for excellence in teaching and dissemination of statistical knowledge.

Ram C. Tripathi, University of Texas At San Antonio, San Antonio, Texas

For fundamental research contributions in discrete distributions; for novel application and development of statistics in assessing the adverse health effects of dioxin on Vietnam-era veterans; for his long-standing consulting service with the USAF, and for his outstanding service to the profession.

Andrea Troxel, Perelman School of Medicine at the University of Pennsylvania, Philadelphia, Pennsylvania

For outstanding contributions to statistical design and analysis in medical research, especially in oncology and behavioral economics, for notable methodological research in longitudinal and incomplete data, and for excellence in teaching and mentoring.

Roshan Joseph Vengazhiyil, Georgia Institute of Technology, Atlanta, Georgia

For significant and definitive contributions to engineering statistics, especially in design and modeling of experiments; for dedicate service in the profession; and for excellence in teaching and mentoring.

Colin O. Wu, Office of Biostatistics Research, Division of Cardiovascular Sciences, National Heart, Lung & Blood Institute, Bethesda, Maryland

For innovative and fundamental research in mathematical statistics, especially in methods for longitudinal data analysis; for extensive contributions to innovative design and analysis of clinical studies in cardiovascular disease and hematological disorders and broad impact on aplastic anemia patient care and ethics of clinical trial execution.

Daowen Zhang, North Carolina State University, Raleigh, North Carolina

For fundamental contributions to flexible modeling and analysis of longitudinal data; for excellence and innovation in teaching and mentoring of graduate students; and for outstanding editorial service.

Kelly Hong Zou, Pfizer Inc., New York, New York

For outstanding contributions to receiver-operating characteristic methodology, particularly in the areas of nonparametric and parametric transformation classification methods; for key contributions to diagnostic medicine and medical imaging research; and for innovative designs and analysis of observational and patient-centered outcomes studies.

Rebecca Zwick, Educational Testing Service, Santa Barbara, California

For advancing psychometric methods for the National Assessment of Educational Progress, developing statistical methods for evaluating the validity of admissions tests, research on differential item functioning supporting the creation of fairer tests and service to the government and the profession.

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