American Statistical Association
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The American Statistical Association
Fast Facts

The American Statistical Association, a scientific and educational society founded in Boston in 1839, is the second-oldest, continuously operating professional society in the United States. For 169 years, the ASA has provided its members 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.

The ASA's mission is to promote excellence in the application of statistical science across the wealth of human endeavor, specifically to:

- Support excellence in statistical practice, research, journals, and meetings
- Work for the improvement of statistical education at all levels
- Promote the proper application of statistics
- Anticipate and meet member needs
- Use the discipline of statistics to enhance human welfare
- Seek opportunities to advance the statistics profession

Membership
Today, the ASA serves 18,000 members in the United States, Canada, and overseas. In government, academia, and the private sector, ASA members apply their expertise to diverse and vital areas that include the following:

- Research in medical areas such as AIDS
- Environmental risk assessment
- Development of therapeutic drugs
- Exploration of space
- Quality assurance in industry
- Examination of social issues such as the homeless and poor
- Analytic research on current business problems and economic forecasting
- Setting of standards for statistics used at all levels of government
- Promotion and development of statistical education for the public and profession
- Expansion of methods and the use of computers and graphics to advance the science of statistics

Organizational Structure
The ASA is organized into sections, chapters, and committees. Chapters are arranged geographically, representing 78 areas across the United States and Canada. Sections are subject-area and industry-area interest groups covering 22 subdisciplines. The ASA has more than 60 committees coordinating meetings, publications, education, careers, and special-interest topics involving statisticians.

Key Activities

Meetings – The ASA sponsors meetings and workshops across the United States, including the Joint Statistical Meetings (JSM) and many smaller, more specialized regional meetings.

Publications – The ASA publishes scholarly journals, general interest magazines, statistical research guides, informational brochures, membership information, and books of interest to statisticians.

Education – The ASA sponsors educational programs and meetings to enrich statistical knowledge and is an active participant in K–12 education initiatives involving statistics and mathematics.

Career Services – The ASA provides assistance in all aspects of career planning, placement, and enhancement through information, salary surveys, online job ads, and career development tools.

Awards, Scholarships, and other Honors – The ASA acknowledges and recognizes members who have made outstanding contributions to statistics or the association by sponsoring awards, honors, and fellowships.

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Key Personnel:
President: Sally Morton
President-elect: Sastry G. Pantula
Past President: Tony Lachenbruch
Executive Director: Ron Wasserstein
Director of Operations: Stephen Porzio
Director of Science Policy: Stephen Pierson
Director of Programs: Martha Aliaga
Public Affairs Specialist: Rosanne Desmone
Communications Manager: Megan Murphy

The American Statistical Association
History

What do Florence Nightingale, Alexander Graham Bell, Herman Hollerith, Andrew Carnegie, and Martin Van Buren have in common?

These historical figures were members of the American Statistical Association—the second-oldest [160+ years], continuously operating professional association in the country. Founded in Boston one wintry November morning in 1839, the association continues a tradition of promoting excellence in statistics in its application to the frontiers of science, from biological to socioeconomic to the physical sciences.

The ASA was formed at a meeting in the rooms of the American Education Society and was chartered by the Commonwealth of Massachusetts. Present at the organizing meeting were William Cogswell, teacher, fundraiser for the ministry, and genealogist; Richard Fletcher, lawyer and U.S. congressman; John Dix Fisher, physician and pioneer in medical reform; Oliver Peabody, lawyer, clergyman, poet, and editor; and Lemuel Shattuck, statistician, genealogist, publisher, and author of perhaps the most significant single document in the history of public health to that date: *Report … Relating to a Sanitary Survey of the State*. By 1841, the ASA was already an energetic society with a roster of 109 members, including U.S. President Martin Van Buren.

From its inception, the ASA founding fathers demonstrated a commitment to statistical science in service to public welfare, and the association has had a close affiliation with the statistical work of the U.S. government, particularly the U.S. Census Bureau. As early as 1844, the ASA recommended to Congress that the Sixth Census "be revised and a new and accurate copy be published." In those early years, the heads of the census were generally ASA members or officers. John B. D. DeBow, superintendent of the Seventh Census, was an ASA member. Francis A. Walker directed the Ninth Census and initiated the Tenth Census. Carroll D. Wright worked on finishing the Eleventh Census. The first director of the permanent census office was S. N. D. North, the sixth president of the ASA and the first to serve a one-year term (1910). Statistical work in government and business stimulated much expansion after World War I, including the founding of the association's first local chapters. From 1920–1943, 22 chapters were formed across the country. Generally, these chapters were located in large cities, such as Detroit, Chicago, Cleveland, San Francisco, Los Angeles, Pittsburgh, Philadelphia, and Washington, DC. In addition, groups were formed in state capitals such as Albany, New York, and Austin, Texas, and at universities, such as the University of Illinois. Today, the ASA has 78 chapters that vary in composition and size, ranging from groups of fewer than 50 members to one with more than 1,000.

In 1939, the ASA celebrated its 100th anniversary with special events held in Boston and Philadelphia. Membership reached an all-time high of more than 3,000. Some declines occurred, however, during the war years, and the ASA's activities slowed, resulting in the cancellation of the 1942 and 1943 annual meetings. Following the war, the activities and membership of the association expanded rapidly in response to the many advances in science. The Business and Economic Statistics Section was established in 1950, followed by the Social Sciences Section and the Section on Physical and Engineering Sciences in 1954.

A complete history of the ASA is available in ***ASA: The First 160 Years,*** which can be viewed or downloaded at http://www.amstat.org/about/index.cfm?fuseaction=history.

The American Statistical Association
Leadership Bios

Sally C. Morton, President, Board of Directors

Present Position: Vice President for Statistics and Epidemiology, RTI International, and Adjunct Professor of Biostatistics, The University of North Carolina at Chapel Hill

Former Positions
Head, Statistics Group
Endowed Chair in Statistics
Codirector, Southern California Evidence-Based Practice Center
Associate, Full, and Senior Statistician, RAND Corporation, 1989–2005
Faculty, Pardee RAND Graduate School of Public Policy, 1992–2005
Lecturer, School of Public Health, UCLA, 1995–2000
Adjunct Assistant Professor, Marshall School of Business, USC, 1995–1996
Visiting Scholar, University of Southampton, 1994
Visiting Fellow, Australian National University, 1991
Research Assistant, Stanford Linear Accelerator Center, 1985–1989

Degrees
PhD, 1990, Statistics, Stanford
MSc, 1984, Statistics, London School of Economics
MS, 1983, Operations Research, Stanford
BS, 1983, Mathematical Sciences, Stanford

Publications
"Ephedra," *Statistical Science*, 2005
"Statistical Collaboration to Impact Policy Decisions," *Statistics in Medicine*, 2005
"Challenges in Summarizing Better Information for Better Health" (coeditor), *Annals of Internal Medicine* Supplement, 2005
Public Policy and Statistics: Case Studies from RAND (coeditor), Springer-Verlag, 2000
More than 110 publications in methodological, clinical, and health policy journals

Sastry Pantula, President-elect and Treasurer, Board of Directors

Present Position: Head, Department of Statistics, and Director, Institute of Statistics, NC State; Full Professor, NC State

Former Positions
Director of Graduate Programs, NC State, 1994–2002
Visiting Statistician, SEMATECH, 1990–1991

Degrees
PhD, 1982, Statistics, Iowa State
BStat and MStat, 1974–1979, Indian Statistical Institute

Publications
Applied Regression Analysis: A Research Tool, 1998
"My Trip to the Hill," *Amstat News*, 2007, and *Notices*, 2008
"Determining the Order of Differencing in AR Processes," *JBES*, 1986, 2002
"Nonlinear Regression with Variance Components," *JASA*, 1992
"Testing for Unit Roots in Time Series," *Econometric Theory*, 1989

Publications also appeared in *The American Statistician, Biometrics, Biometrika, Journals of Applied Probability, Econometrics, Multivariate Analysis, Statistical Planning and Inference, Time Series Analysis, Sankhya,* and *Survey Methodology*

Peter A. Lachenbruch, Past-President, Board of Directors

Present Position: Retired consultant and part-time Senior Biological Research Scientist, FDA

Former Positions
Director, Division of Biostatistics, CBER/FDA, 1994–2005
Senior Biological Research Scientist, FDA, 1997–2005
Adjunct Professor of Biostatistics, The Johns Hopkins University, 1997–2005
Professor, UCLA Department of Biostatistics, 1985–1994
Professor and Head, Division of Biostatistics, Department of Preventive Medicine and Environmental Health, University of Iowa, 1976–1985
Assistant Professor and Professor, Department of Biostatistics, University of North Carolina, 1965–1976

Degrees
PhD, Biostatistics, UCLA, 1965
MA, Mathematics, Lehigh University, 1961
BA, Mathematics, UCLA, 1958

Publications (from more than 170):
"Discriminant Analysis When the Initial Samples Are Misclassified," *Technometrics*, 1966
"Estimation of Error Rates in Discriminant Analysis," *Technometrics*, 1968
"A Measure of Divergence Among Several Populations," *Communications in Statistics*, 1974
"Rank Tests for Censored Matched Pairs," *Biometrika*, 1980
"A Generalized Quantile Estimator," *Communications in Statistics - Theory and Methods*, 1982
"Multiple Reading Procedures: The Performance of Diagnostic Tests," *Statistics in Medicine*, 1988
"ANOVA, Kruskal-Wallis, Normal Scores, and Unequal Variance," *Communications in Statistics - Theory and Methods*, 1991
"Designing Studies for Dose Response," *Statistics in Medicine*, 1996
"Discriminant Diagnostics," *Biometrics*, 1997
"Comparison of Competitors to the Two-Part Model," *Statistics in Medicine*, 2001
"Proper Metrics for Clinical Trials: Transformations and Other Procedures to Remove Non-Normality Effects," *Statistics in Medicine*, 2003
"Lot Consistency as an Equivalence Problem," *Journal of Biopharmaceutical Statistics*, 2004
"Use of the Scan Statistic for Quality Control in Blood Product Manufacturing," *Journal of Biopharmaceutical Statistics*, 2004
Discriminant Analysis, 1975

Alicia L. Carriquiry, Vice President, Board of Directors

Present Position: Professor of Statistics and Director of Graduate Education, Iowa State University

Former Positions
Associate Provost, ISU, 2000–2004
Associate Professor, ISU, 1995–2000
Assistant Professor, ISU, 1990–1995
Visiting Professor, Pontificia Universidad Catolica de Chile and Duke University

Degrees
PhD, Statistics and Animal Genetics, ISU, 1989
MS, Statistics, ISU, 1986
MS, Animal Genetics, University of Illinois at Urbana, 1985
BS, Agricultural Engineering, Universidad de la República (Uruguay), 1982

Publications
"A Semiparametric Approach to Estimating Usual Intake Distributions," *JASA*, 1996
"Highest Density Gates for Multiple Target Tracking," *IEEE Transactions on Aeronautics and Electronic Control*, 2000
"Estimation of Usual Intake Distributions of Nutrients and Foods," *Journal of Nutrition*, 2003
Other papers in *Biometrics, JRSS, Public Health Nutrition, American Journal of Agricultural Economics, Journal of Nutrition Epidemiology, Bulletin of Math Biology, Brain Research, Journal of Environmental Management, Journal of Productivity Analysis, Water Resources Research, Crop Science, Journal of Food Science, Molecular Plant Biology, International Journal of Evidence and Proof, Genetics Selection Evolution, Journal of Official Statistics, Phytopathology, Journal of the American Dietetics Association*, and *Israel Law Review*
Various book chapters and encyclopedia articles

Christy Chuang-Stein, Vice President, Board of Directors

Present Position: Executive Director, Statistical Research and Consulting Center, Pfizer Inc.

Former Positions
Site Head, Midwest Statistics, Pfizer
Director of Statistics and Programming, Michigan, Pharmacia and Upjohn Company

Degrees
PhD, Statistics, University of Minnesota, 1980
BS, Mathematics, National Taiwan University, 1975

Publications
"An Approach to Rationalize Partitioning Sample Size into Individual Regions in a Multiregional Trial," *Drug Information Journal*, 2008
"Measures for Conducting Comparative Benefit: Risk Assessment," *Drug Information Journal*, 2008
"Challenge of Multiple Co-Primary Endpoints: A New Approach," *Statistics in Medicine*, 2007
"Sample Size and the Probability of a Successful Trial," *Pharmaceutical Statistics*, 2006
"Sample Size Re-Estimation: A Review and Recommendations," *Drug Information Journal*, 2006
Analysis of Clinical Trials Using SAS: A Practical Guide, 2005
"Recent Advancement in the Analysis and Presentation of Safety Data," *Drug Information Journal*, 2001
Other publications in *JASA, Controlled Clinical Trials, Journal of Biopharmaceutical Statistics, Biometrical Journal, Statistical Methods in Medical Research, Biopharmaceutical Report, Encyclopedia of Clinical Trials*, and *Encyclopedia of Biopharmaceutical Statistics*

Nathaniel Schenker, Vice President, Board of Directors

Present Position: Information about primary position withheld per employer requirement. Adjunct Professor, Joint Program in Survey Methodology (University of Maryland, University of Michigan, and Westat), 2000–Present

Former Positions
Assistant and Associate Professor, Department of Biostatistics, UCLA School of Public Health, 1988–1999 (tenured in 1992; Vice Chair, 1992–1998; joint appointment, Department of Biomathematics and School of Medicine, 1993–1999)
Mathematical Statistician, U.S. Census Bureau, 1985–1988
Statistician, RAND, 1982
Statistician, CNA Insurance, 1980–1981

Degrees
PhD, Statistics, University of Chicago, 1985
SM, Statistics, University of Chicago, 1983
AB, Statistics, Princeton University, 1979

Publications
"Multiple Imputation of Missing Income Data in the National Health Interview Survey," *JASA*, 2006
"Bridging Between Two Standards for Collecting Information on Race and Ethnicity: An Application to Census 2000 and Vital Rates," *Public Health Reports*, 2004
"On Judging the Significance of Differences by Examining the Overlap Between Confidence Intervals," *The American Statistician*, 2001
Other articles in *Annals of Statistics, Applied Statistics, Biometrics, Canadian Journal of Statistics, Computational Statistics & Data Analysis, Injury Prevention, JASA, Journal of Insect Science, Journal of Official Statistics, Proceedings of the Casualty Actuarial Society, Public Health Reports, Sociological Methodology, Statistics in Medicine, Survey Methodology*, and Vital and Health Statistics
Various books, encyclopedias, and conference proceedings

Ronald L. Wasserstein, Executive Director

Present Position: Executive Director, American Statistical Association, 2007–

Former Positions
Vice President for Academic Affairs, Washburn University, 2000–2007 Associate Vice President for Academic Affairs, Washburn University, 1992–2000
Assistant Dean, College of Arts and Sciences, 1988–1992
Professor of Statistics, 1996–2007
Associate Professor of Statistics, 1991–1996
Assistant Professor of Statistics, 1987–1991
Instructor of Statistics, 1984–1987

Degrees
PhD, Statistics, Kansas State University, 1987
MS, Statistics, Kansas State University, 1984
BA, Mathematics, Washburn University, 1978

Publications
"Lotto Luck: A Computer Demonstration for the Classroom," *Journal of Statistics Education*, 1995
"Bounds on the Limiting Power of Linear Rank Tests for Scale," *The American Statistician*, 1991
"Probability and Instant Lottery Games," *STATS*, 1990

Other articles in *The Journal of Allergy and Clinical Immunology, College and University Personnel Administration Journal, European Journal of Operations Research, Biochemical Systematics and Ecology, Journal of Strength and Conditioning, Kansas Optometric Journal*, and *American Journal of Physics*

The American Statistical Association
Sections

The ASA's sections are subject-area and industry-area interest groups covering 22 subdisciplines. A brief description of each section follows, along with a link to the section's web site.

Bayesian Statistical Science
The broad objectives of the Bayesian section are to encourage research on theory and methods of statistical inference and decisionmaking associated with Bayes' theorem and to encourage the application and proper use of Bayesian procedures in the behavioral, biological, managerial, engineering, environmental, legal, medical, pharmaceutical, physical, and social sciences.

Biometrics
The principal interests of the Biometrics Section are the development and application of statistical methods; the formulation of mathematical models, whether deterministic or stochastic, to describe and explain underlying mechanisms and modes of action of fundamental processes; and the interpretation of quantitative data in the biological sciences.

Biopharmaceutical
The special interest of the Biopharmaceutical Section is the application of statistics to the development and use of therapeutic drugs and devices in humans and animals.

Business and Economic Statistics
This section sponsors activities promoting the advancement of economic statistics.

Government Statistics
The special interests of this section are in the production and use of statistics by all levels of government and in the practice of statistics in the public sector. These interests include concerns with statistical policy issues, quality and usefulness of government data products, special problems of state and local data, and the role of professional statisticians in public programs.

Health Policy Statistics
The primary objective of this section is to improve the quality, effectiveness, and efficiency of health care in the United States and abroad through the systematic use of quantitative statistical methods. HPSS fosters the development of statistical methods specifically designed for health care and policy decisionmaking by organizing and sponsoring conferences and workshops about methodological issues relevant to health care and policy research.

Nonparametric
The objective of this section is to serve as a focal point for members with interests in statistical methods that make broad assumptions about the underlying population or model structure. Included are the areas of distribution-free statistics, rank-based statistics, robust methods, resampling methods, permutation-based methods, nonparametric regression and density estimation, and goodness-of-fit methods.

Physical and Engineering Sciences
The objectives of the Section on Physical and Engineering Sciences are to promote application and appropriate use of statistical thinking, practices, and techniques in the physical and engineering sciences; encourage and/or participate in developing (or adapting) statistical practices and techniques suited to the physical and engineering sciences; support the growth and development of section members; and promote the exchange of information among and between statisticians and scientists/engineers concerning statistical problems (solved or unsolved) arising

in the physical and engineering sciences.

Quality and Productivity
The mission of this section is to promote quality and productivity through the development, teaching, and proper application of statistical thinking and tools.

Risk Analysis
The principal objectives of the Section on Risk Analysis are to study and develop the methodology of risk analysis and risk assessment so as to apply them to various subject matter areas.

Social Statistics
This section seeks to advance research in social statistics, both in areas that involve the use of methods of statistical inquiry and in those that involve the use of statistical data and the development of statistical measurement.

Statistical Computing
The principal areas of interest of the Statistical Computing Section include encouraging the application of computer hardware, software, and systems to statistical problems; encouraging the application of statistical techniques in the design, maintenance, and evaluation of computer hardware, software, and systems; encouraging the joint application of statistical techniques and computer technology in other fields; serving as a focal point for computer-oriented activities within the American Statistical Association, including cooperation and liaison with computer-oriented organizations and developers and vendors of statistical software; and encouraging research in statistical computing and communication of the results of this research.

Statistical Consulting
Statistical consulting is a challenging and rewarding part of statistics. A consultant uses the art and science of statistics to solve a practical problem from many fields, including marketing, product design, manufacturing, medicine, agriculture, or genetics. Good consulting requires a strong technical background in statistics, good people skills, and, for many, good business sense.

Statistical Education
This section is broadly interested in the effective use of education as a means of improving the quality of existing applications of statistics and increasing the use of statistics in those areas of study where it offers the most efficient procedure for attacking unsolved problems.

Statistical Graphics
The principal objectives of this section are to foster understanding and proper use of statistical graphics in statistics, other scientific fields, the mass media, and the general public and to encourage the teaching of statistical graphics in universities, colleges, secondary schools, and primary schools, as well as encourage research in statistical graphics.

Statistical Learning and Data Mining
This section encourages the use of statistical learning methods in data mining applications and creates forums for presentation and discussion of research in these fields. Members support and encourage high-quality educational offerings and initiatives.

Section for Statistical Programmers and Analysts
This section encourages a broad discussion of programming concepts, theories, and techniques used for statistical analysis. Also, discussion of cross-functional activities and pre-analysis (e.g. data management) activities that affect statistical programming work are encouraged.

Statistics and the Environment
This section is interested in a broad range of statistical issues and activities linked by a common focus on the development and application of statistical methods to environmental research and policy.

Statistics in Defense and National Security
The purpose of this section is to provide a forum for statisticians working in the areas of defense, military research, national security, homeland security, and counterterrorism.

Statistics in Epidemiology
This section's aims are to promote sound statistical practice in epidemiology, develop statistical methods appropriate to epidemiologic research, and advance substantive issues in public health.

Statistics in Marketing
The Statistics in Marketing Section is comprised of statisticians with a distinct interest in marketing statistics. Its purpose is to foster the improvement of statistics in marketing, with particular emphasis on encouragement of the development and application of statistical methods in the analysis of marketing data, improvement of statistics relating to consumer and industrial marketing, procedures followed in the collection and reporting of marketing data, formulation of statistical models to describe the consumer behavior underlying the marketing process, and statistical decision theory, as applied to marketing decision models.

Statistics in Sports
The principal objectives of this section are to foster statistics and its applications in sports, promote unity and effectiveness of effort among all concerned with statistical problems in sports, and increase the contribution of statistics in sports.

Survey Research Methods
The mission of the Section on Survey Research Methods is to promote the improvement of survey practice and the understanding of survey methods by encouraging both theoretical and applied research on survey-related topics and by disseminating information on survey methods.

Teaching of Statistics in the Health Sciences
This section is devoted to excellence in teaching statistical methods and basic epidemiology and in statistical consulting within the health sciences.

The American Statistical Association Publications

Journals

Journal of the American Statistical Association (JASA)

Established in 1888 and published quarterly in March, June, September, and December, the *Journal of the American Statistical Association* has long been considered the premier journal of statistical science. Articles focus on statistical applications, theory, and methods in economic, social, physical, engineering, and health sciences and on new methods of statistical education. Important books contributing to statistical advancement are reviewed in *JASA*.

The American Statistician (TAS)

Published quarterly, *The American Statistician* contains timely, general-interest articles about current national and international statistics problems and programs, organized into the following sections: Statistical Practice, General Topics, Teacher's Corner, History Corner, Interdisciplinary, Statistical Computing and Graphics, Reviews of Books and Teaching Materials, and Letters to the Editor.

Journal of Business & Economic Statistics (JBES)

JBES publishes a range of articles, primarily applied statistical analyses of microeconomic-, macroeconomic-, forecasting-, business-, and finance-related topics. More general papers in statistics, econometrics, computation, simulation, or graphics are also appropriate if immediately applicable to the journal's general topics of interest. Articles published in *JBES* contain significant results, high-quality methodological content, and excellent exposition. They also usually include a substantive empirical application.

Journal of Agricultural, Biological, and Environmental Statistics (JABES)

The purpose of *JABES* is to contribute to the development and use of statistical methods in the agricultural sciences, biological sciences (including biotechnology), and environmental sciences (including those dealing with natural resources). Articles are of immediate and practical value to applied researchers and statistics consultants in these fields.

Technometrics (TECH)

Published since 1959, the mission of *Technometrics* is to contribute to the development and use of statistical methods in the physical, chemical, and engineering sciences, as well as quality control and industrial systems. *Technometrics* publishes papers that describe new statistical techniques; illustrate innovative applications of known statistical methods; and review methods, issues, or philosophy in a particular area of statistics or science when such papers are consistent with the journal's objective.

Statistics in Biopharmaceutical Research (SBR)

Statistics in Biopharmaceutical Research is an online journal that focus on the needs of researchers and applied statisticians in biopharmaceutical industries; academic biostatisticians from schools of medicine, veterinary medicine, public health, and pharmacy; statisticians and quantitative analysts working in regulatory agencies; statisticians with an interest in adopting methodology presented in this journal to their own fields; and nonstatisticians with an interest in applying statistical methods to biopharmaceutical problems.

Journal of Computational and Graphical Statistics (JCGS)

The purpose of *JCGS* is to improve and extend the use of computational and graphical methods in statistics and data analysis. Established in 1992, this journal contains cutting-edge research, data, surveys, and more on numerical graphical displays and methods. Articles are written for readers who have a strong background in statistics, but are not necessarily experts in computing.

Published quarterly, *JCGS* is jointly published by the American Statistical Association, the Institute of Mathematical Statistics, and the Interface Foundation of North America.

Journal of Educational and Behavioral Statistics (JEBS)

JEBS is a forum for papers that develop original statistical methods that are useful for the applied statistician working in educational or behavioral research. In addition, critical reviews of current practice, tutorial presentations of less well-known methods, and novel applications of known methods are published. Published quarterly, *JEBS* is a joint publication of the American Educational Research Association and the American Statistical Association.

Journal of Statistical Software (JSS)

Established in 1996, the *Journal of Statistical Software* publishes articles, book reviews, code snippets, and software reviews. The contents are freely available online, and source code is published for both articles and code snippets.

Statistical Analysis and Data Mining (SADM)

Statistical Analysis and Data Mining addresses the broad area of data analysis, including data mining algorithms, statistical approaches, and practical applications. Topics include problems involving massive and complex data sets, solutions using innovative data mining algorithms and/or novel statistical approaches, and the objective evaluation of analyses and solutions. Of special interest are articles that describe analytical techniques with application to real problems in such a way that they are accessible and beneficial to domain experts across science, engineering, and commerce.

Journal of Statistics Education (JSE)

The *Journal of Statistics Education* disseminates knowledge for the improvement of statistics education at all levels, including elementary, secondary, post-secondary, post-graduate, continuing, and workplace education. It is distributed electronically and, in accord with its broad focus, publishes articles that enhance the exchange of diverse, interesting, and useful information among educators, practitioners, and researchers around the world. The intended audience includes anyone who teaches statistics, as well as those interested in research on statistical and probabilistic reasoning.

Magazines

CHANCE

Jointly published by the American Statistical Association and Springer, *CHANCE* is a magazine about statistics and the use of statistics in society. It is intended for anyone who has an interest in the analysis of data. *CHANCE* features articles that showcase the use of statistical methods and ideas in the social, biological, physical, and medical sciences. It also presents material about statistical computing and graphical presentation of data. Through its regular departments and columns, *CHANCE* keeps its readers informed about developments and ideas in a variety of areas, including government statistics and sports.

STATS: The Magazine for Students of Statistics

STATS is a student magazine distributed to all student members of the ASA. Published three times a year, the magazine is for beginning statisticians, including high-school, undergraduate and graduate students. Articles often discuss career information, student experiences, current problems, and case studies.

Amstat News

Amstat News is the monthly membership magazine of American Statistical Association, containing news and notices of the ASA, its chapters, its sections, and its members. Other features include announcements, calendars of upcoming meetings, and notices of employment opportunities.