STATISTICS-RELATED COMPETITIONS, GRANTS, SCHOLARSHIPS, FELLOWSHIPS, INTERNSHIPS, TRAVEL AWARDS, AND OTHER AWARDS/HONORS FOR STUDENTS, EDUCATORS, AND EARLY-CAREER PROFESSIONALS

Last Updated March 9, 2020

This document can be downloaded by going to https://stattrak.amstat.org/resources/ and then scrolling down and clicking on "ASA and Other Organizations Awards and Competitions".

This listing is for students and educators from Grade K through early career. For a listing of awards, competitions, fellowships, and internships applicable to a wider audience, see https://www.amstat.org/ASA/Your-Career/Awards-and-Scholarships.aspx.

Key
K–12S = K–12 Students K–12E = K–12 Educators
UGS = Undergraduate Students UGE = Undergraduate Educators
GS = Graduate Students GE = Graduate Educators
EC = Early-Career Professionals

Competitions (Other Than Travel Awards)

ASA-Sponsored or Co-Sponsored

(K–12S) ASA Data Visualization Poster Competition
This competition is divided into separate competitions for grades K–3, 4–6, 7–9, and 10–12 for the best poster that is a display containing two or more related graphics that summarize a set of data, look at the data from different points of view, and answer specific questions about the data. Deadline is April 1.
https://www.amstat.org/asa/education/ASA-Statistics-Poster-Competition-for-Grades-K-12.aspx

(K–12S) ASA Project Competition
This competition is for students in grades 7–12. For the purposes of this competition, a statistical project is the process of answering a research question using statistical techniques and presenting the work in a written report. The entries are judged on the basis of written reports submitted by the students. Deadline is June 1.
https://www.amstat.org/asa/education/ASA-Statistics-Project-Competition-for-Grades-7-12.aspx

(K–12S) Curtis Jacobs Memorial Award for Outstanding Statistics Projects
This is a separate project competition from the ASA Project Competition and for students in the Washington, DC, metropolitan area. It is sponsored by the Washington Statistical Society and prizes are awarded at both the middle-school and high-school levels. Deadline is in mid-April.
http://washstat.org/awards/#jacobs

(UGS) ASA DataFest
This is an annual 48-hour competition held in various locations in the US in which teams of undergraduate students work to reveal insights into a rich and complex data set. To be an official ASA DataFest, organizers must agree to use the official data set. Deadline for registering as a site is in early January. The actual event must be held between mid-March and early May.
https://ww2.amstat.org/education/datafest/

(K–12E, UGS, UGE, GS, GE, EC) Data Expo of the Statistical Computing, Statistical Graphis and Government Statistics Sections
This contest is sponsored jointly by the above listed sections of ASA. All entrants are given the same data set to analyze. They then prepare a five-minute presentation and poster to be presented at the Joint Statistical Meetings. There are two award categories – Professional and Student. The deadline for submission of abstracts is early February using the JSM abstract submission system.
https://community.amstat.org/governmentstatisticssection/awards/dataexpo

(UGS, GS, EC) John M. Chambers Statistical Software Award

An annual prize for statistical software written by, or in collaboration with, an undergraduate or graduate student. The prize carries with it a cash award of $2,000. Both individuals and teams are eligible to participate in the competition. To be eligible, at least one individual within the team must have begun the development while a student and either currently be a student, or have completed all requirements for her/his last degree within the calendar year of applying. The award will be given to the student, or split between student team members if the team consists of multiple students, up to a maximum of three students. If the software was created by a team, the contribution of the student(s) must be substantial. Deadline in December of each year.
https://community.amstat.org/jointscsg-section/awards/john-m-chambers

(K–12E, UGS, UGE, GS, GE) Statistical Significance Poster Competition
This competition is sponsored by the ASA's Scientific and Public Affairs Advisory Committee. Entries are one-page illustrations for the lay person of the value of statistics in improving society in specific areas such as health, agriculture, economy, education, manufacturing, and medicine. The competition takes place during the Joint Statistical Meetings (JSM). The deadline for submission of abstracts is early February using the JSM abstract submission system via https://www.amstat.org/ASA/Meetings/Joint-Statistical-Meetings.aspx. The contest URL is https://community.amstat.org/spaac/awards/poster-award?_zs=g5TOe1&_zl=UCLT4

(K–12E, UGS, UGE, GS, GE, EC) Statistical Excellence Award for Early Career Writing
This award recognizes the ability of early-career statisticians to tell data-driven stories in an entertaining and thought-provoking way. Early career means students or anyone within the first five years of their statistical career—whether studying, recently graduated (with any degree), or already working. The winning article is published in *Significance* magazine. Deadline of late May.
https://www.rss.org.uk/RSS/About/Recognising_Statistical_Excellence/Early_career_writing_awards/RSS/About_the_RSS/Recognising_statistical_excellence_sub/Statistical_excellence_in_early_career_writing.aspx

(UGS) Undergraduate Statistics Project Competitions
These competitions encourage the development of data analysis skills, enhance presentation skills, and recognize outstanding work by undergraduate statistics students.
Undergraduate Statistics Class Project Competition (USCLAP) is for students taking an applied statistics course(s) at the introductory or intermediate level in which a class project is part

of the course work (either required or optional).

Undergraduate Statistics Research Project Competition (USRESP) is for students who conduct research projects, either methodological or applied, that are statistically related. Research projects may include work from REU (Research Experiences for Undergraduates) projects, senior capstone research projects, or independent research projects not based on a specific course. There are 2 judgings per year with deadlines in late December & late June.
https://www.causeweb.org/usproc *Note: For more information about REU's, see the Fellowships & Internships section below.*

(K–12S, UGS) This is Statistics Fall Data Challenge
ASA's "This is Statistics" website sponsors an annual fall contest challenge for high school and college students to use statistics to dig into the data and come up with their own ideas using a data set chosen by ASA. The students work as part of a team of two to five high school or undergraduates. They will use statistical and data visualization skills to build a presentation related to the year's dataset. Although not required, teams may identify and utilize external datasets. Submissions will require a short essay describing the team's process and presenting their analysis and recommendations via a PowerPoint presentation. A link to the submission form will be provided on the Fall Data Challenge webpage. Awards will be given in three categories (1) Best Overall Analysis, (2) Best Visualization, and (3) Best Use of External Data. The dataset chosen will appear on the website in late September. Deadline is in late October.
https://thisisstatistics.org/falldatachallenge/

(K–12S, UGS) Statsketball Tournament
Through two unique challenges, high-school and undergraduate students use statistics to predict results for the NCAA Basketball Tournament.
The **"Pick 'Em": Upset Challenge** allows students to use statistical methodology to submit a list of teams they predict will win their first-round games.
In the **"Build Your Own Bracket": Draft Challenge,** students have 224 draft points to assemble their cohort of teams from the seeded participants.
Deadlines for submissions are in the middle of March.
https://thisisstatistics.org/home-2/statsketball

(K–12S, UGS) Mathematical Contest in Modeling and Interdisciplinary Contest in Modeling (MCM/ICM)
Mathematical Contest in Modeling (MCM) is an international contest for high-school students and college undergraduates. Teams of students analyze and propose solutions to open-ended problems. ASA awards the Data Insights Award for Problem C, a purposefully statistics open-ended problem.
The Interdisciplinary Contest in Modeling (ICM) is an extension of the Mathematical Contest in Modeling (MCM). It is designed to develop interdisciplinary problem-solving skills and competence in written communication.
Registration deadline for both contests is in middle of February.
https://www.comap.com/undergraduate/contests

Sponsored by Other Organizations

(K–12S, UGS) International Statistical Literacy Project (ISLP) Poster Competition This poster competition is held every two years. There are three divisions, two for students in primary or secondary school and one for undergraduate students. Deadline is in late February of odd-numbered years.
https://iase-web.org/islp/Competitions.php

(UGS, GS) ISI/Esri Student Competition

This is competition where students develop posters that must be submitted electronically using GIS and statistics to study a real-world problem. The contest details are available in the Spring of even-numbered years. The semi-finalists present their work at the ISI World Statistics Congress in the following year. See https://www.esri.com/en-us/industries/government/departments/isi-student-contest/overview

(K–12S) High School Mathematical Contest in Modeling (HiMCM)

This competition, sponsored by the Consortium for Mathematics and its Applications, takes place over a consecutive 36-hour period. Each team consists of up to four students, who work on a real-world problem using mathematics and statistics. Deadline is early November.
https://www.comap.com/highschool/contests/himcm/index.html

(K–12S) Modeling the Future Challenge Competition

Sponsored by the Actuarial Foundation, this competition presents a modeling problem whose solutions involve mathematics and statistics. Finalists are invited to the Modeling the Future Symposium, where they present their mathematical models to a judging panel for the chance to win one of four scholarships totaling $60,000. Schools are also eligible for special awards. Deadline is in late November.
https://mtfchallenge.org

(UGS) Midwest Undergraduate Data Analytics Competition

This competition gives students an opportunity to apply their data analysis skills to a problem of interest to a local outside organization. Students working in teams have approximately 24 hours to carry out an analysis, provide a written summary of their findings, and prepare a brief oral presentation of their results. The competition is open to any undergraduate student attending a postsecondary educational institution in Minnesota, Wisconsin, Iowa, Illinois, North Dakota, or South Dakota. Deadline is in the middle of March to register to participate.
http://www.mudac.org/mankato/

(UGS, GS, EC) AAPOR Annual Student Poster Competition

The award for this competition honors the best student poster presented at the AAPOR annual conference. Deadline is in early November.
https://www.aapor.org/Conference-Events/Awards/Student-Poster-Award.aspx

(UGS, GS, EC) Seymour Sudman Student Paper Competition Award

This award is given for the best student paper presented at the AAPOR annual conference. Deadline is in the middle of January.
https://www.aapor.org/Conference-Events/Awards/Sudman-Student-Paper-Competition/Sudman-Student-Paper-Award-Nomination-Info.aspx

(UGS, GS, EC) DC-AAPOR Paper Competition

Papers in any field related to the study of public opinion, including research on theoretical issues in the formation and change of public opinion; the theory and methods of survey or market research; and the use of statistical techniques in the design, adjustment, or analysis of survey data may be submitted. Eligibility is limited to students attending or who graduated from an accredited college or university in Delaware, Maryland, Pennsylvania, Virginia, West Virginia, or Washington DC, or to students whose primary residence is in one of those areas.
https://dc-aapor.org/awards/student-paper-competition

(K–12S, K-12E, UGS, UGE, GS, GE) Cartoon Caption Contest
Entries are welcome from all who use or enjoy statistics, including students, instructors, and professionals. Each month, a panel of educators will evaluate the submitted cartoon captions based on their value for teaching statistics. Deadline is the last day of each month.
https://www.causeweb.org/cause/caption-contest

(UGE, GE) INFORMS Case Competition.
INFORMS (The Institute for Operations Research and the Management Sciences) awards a prize for the creation, dissemination, and use of new, unpublished cases in operations research and the management sciences. Up to four finalists are selected to give thirty-minute presentations of their entries at a special open session at the INFORMS Annual Meeting. The panel of judges will select the winning entry from these finalists based on these presentations. Deadline of July 31.
https://www.informs.org/Recognizing-Excellence/INFORMS-Prizes/INFORMS-Case-Competition/Application-Process

(UGS, GS) The INFORMS OR & Analytics Student Team Competition
Student teams will be given the same business problem, data sets and access to software to solve a challenging problem using an OR/analytics approach. The competition is open to students enrolled in undergraduate and master's degree programs anywhere in the world. Teams may be made up of exclusively undergraduate or exclusively master's level students, or a mix, with between 3 to 10 members. A team may be made up of students from multiple universities. These may be universities in a single country or universities in multiple countries. Six finalist teams will make oral presentations at the INFORMS Business Analytics Conference and will win a prize of at least $1000. Deadline for registration (which gives access to the problem, data sets, and software) is in late December. Deadline for submission of formal written entry is in late January.
https://connect.informs.org/oratc/rules

(UGS, GS) INFORMS Optimization Society Student Paper Prize
This is awarded annually to one (or more) students for the most outstanding paper in optimization that is submitted to and received, or published in a refereed professional journal within the three calendar years preceding the year of the award. The nominee/applicant must be a student on the first of January of the year of application/nomination.
https://connect.informs.org/optimizationsociety/prizes/students-prize

Grants

ASA Sponsored or Co-sponsored

(K–12S, K–12E, UGS, UGE, GS, GE) Student Reception Grants
The ASA gives grants up to $100 to offset the cost of providing socials promoting statistics to students. Applications for reimbursement can be submitted at any time.
https://www.amstat.org/asa/files/pdfs/MBR-ChapterSchoolSocials.pdf

Sponsored by Other Organizations

(K–12E) National Council of Teachers of Mathematics Grants
In addition to the extensive list on the left side of the page, there is a link on the right labeled "MET Awards, Grants, and Scholarships Summary" that goes to additional grants.
https://www.nctm.org/Grants/

(UGE, GE, GS, EC) ASA Listing of Regularly Occurring Funded Research Opportunities
https://www.amstat.org/ASA/Your-Career/External-Funding-Sources.aspx

(UGE, GE, EC) ASA Listing of Funded Research Opportunities
This webpage has close to 1000 separate listings
https://community.amstat.org/communities/community-home/digestviewer?CommunityKey=9d40e82d-dba5-438f-bb36-ff4b73014edc
Note: Can only be accessed by ASA members who are logged on to the ASA Community website

(K–12E, UGE, GE) National Science Foundation Grants for Educators
https://www.nsf.gov/dir/index.jsp?org=EHR
Undergraduate – https://www.nsf.gov/div/index.jsp?org=DUE
Graduate – https://www.nsf.gov/div/index.jsp?div=DGE
K–12 – https://www.nsf.gov/funding/education.jsp?fund_type=4

(GS) American Educational Research Association (AERA) Dissertation Grants
These grants provide advanced graduate students with research funding and professional development and training. The program supports highly competitive dissertation research using rigorous quantitative methods to examine large-scale, education-related data. Deadline is in late March.
http://www.aera.net/Professional-Opportunities-Funding/AERA-Funding-Opportunities/Grants-Program/Dissertation-Grants

(UGE, GE) UPS George D. Smith Prize
Any academic unit that includes OR/MS/Analytics in its program is eligible. The prize is awarded based on effective and innovative preparation of students to be good practitioners of operations research and analytics. It comes with a $10,000 award. Deadline in late October.
https://www.informs.org/Recognizing-Excellence/INFORMS-Prizes/UPS-George-D.-Smith-Prize/UPS-George-D.-Smith-Prize-Application-Process

Scholarships

ASA Sponsored or Co-sponsored

(K–12E) Registration Fees for Meeting Within a Meeting (MWM) Workshop
These workshops for middle- and high-school mathematics and science teachers are held each year during the Joint Statistical Meetings each August. Their purpose is to strengthen participants' understanding of statistics and provide hands-on classroom activities applicable to the Common Core and Next Generation Science Standards. Full and partial scholarships are available each year. For more information on the scholarships, contact Rebecca Nichols at rebecca@amstat.org. For more information on MWM see https://www.amstat.org/ASA/Education/MWM/home.aspx

(K–12E) Registration Fees for Beyond AP Statistics (BAPS) Workshop
The Beyond AP Statistics (BAPS) workshop at the annual Joint Statistical Meetings each August is for AP Statistics teachers and consists of enrichment material just beyond the basic AP syllabus. Full and partial scholarships are available each year. For more information on the scholarships, contact Rebecca Nichols at rebecca@amstat.org. For more information on BAPS see https://www.amstat.org/asa/education/BAPS/home.aspx

(UGS, GS) Gertrude M. Cox Scholarships
The Cox Scholarship, sponsored by the ASA Committee on Women in Statistics and Caucus for Women in Statistics, was established in 1989 to encourage more women to enter statistically-oriented professions. Two scholarship recipients are selected each year: one to a woman in or entering, including graduating seniors, the early stages of graduate training (master's or PhD) and one to a woman in a more advanced stage of training. Scholarship recipients receive a certificate and $1,000. The committee also selects honorable mentions each year. Honorable mentions receive a certificate. Deadline is in late February.
https://www.amstat.org/ASA/Your-Career/Awards/Gertrude-M-Cox-Scholarship.aspx

(GS) Edward C. Bryant Scholarship
This $2,500 scholarship is awarded annually to an outstanding graduate student in survey statistics to help support the person's graduate education. Deadline of March 1.
https://www.amstat.org/ASA/Your-Career/Awards/Edward-C-Bryant-Scholarship-for-an-Outstanding-Graduate-Student-in-Survey-Statistics.aspx

(GS, EC) Wray Jackson Smith Scholarship
This scholarship is co-sponsored by the ASA's Government Statistics and Social Statistics sections for students and others early in their careers who show an interest in government statistics. Applicants must have a bachelor's degree or equivalent level of education. It provides up to $1,000 for use in exploring a number of opportunities for furthering the development of a career related to government statistics. Deadline of April 1.
https://www.amstat.org/ASA/Your-Career/Awards/Government-Statistics-Section-Wray-Jackson-Smith-Scholarship.aspx

(GS) Biopharmaceutical Section Scholarship Award
This award recognizes notable research, academic achievement, and applied project work related to biopharmaceutical statistics. The award also considers general academic performance, leadership, volunteering, and service. Applicants must be enrolled in a master's or doctoral program in statistics or biostatistics. Annually, up to three students will each receive an award of $1,000. Deadline of March 15.
https://www.amstat.org/ASA/Your-Career/Awards/Biopharmaceutical-Section-Scholarship-Award.aspx

Sponsored by Other Organizations

(GS) Ellis R. Ott Scholarship for Applied Statistics and Quality Management
Sponsored by the American Society for Quality. Recipients must be students planning to enroll or be enrolled in a graduate program in the US or Canada that has a concentration in applied statistics and/or quality management. Deadline of April 1.
http://asq.org/statistics/about/ott

(UGS) Prospective 7-12 Secondary Teacher Course Work Scholarships
The purpose of this scholarship is to provide financial support to college students preparing for teaching secondary school mathematics. One scholarship, with a maximum value of $10,000, will be awarded to a person currently completing their sophomore year of college, scheduling for full-time study at a four- or five-year college or university in the next academic year, and pursuing a career goal of becoming a certified teacher of secondary school mathematics. Deadline of May 1.
https://www.nctm.org/Grants-and-Awards/Grants/Prospective-7-12-Secondary-Teacher-Course-Work-Scholarships/

Fellowships and Internships

ASA Sponsored or Co-sponsored

(UGE, GE, EC) Project NExT (New Experiences in Teaching)
This is a professional development program for new or recent PhDs in the mathematical sciences, including statistics. It addresses all aspects of an academic career: improving the teaching and learning of mathematics; engaging in research and scholarship; finding exciting and interesting service opportunities; and participating in professional activities. It also provides participants with a network of peers and mentors. First deadline is October 15th. Those already in full-time teaching positions should use this deadline. Those accepting positions during this academic year may use the second deadline of April 15th.
https://www.maa.org/programs-and-communities/professional-development/project-next

(K–12E, UGE, GS, GE, EC) ASA Science Policy Fellowship
The fellow will be based at the ASA headquarters in Alexandria, Virginia, but will spend the bulk of her/his time in Washington, advocating for statistics and experiencing first-hand how federal science policy is formed. The ASA Science Policy Fellowship is a full-year postdoctoral-level position, renewable for a second year. Applicants should hold a PhD in statistics or a closely related field, although applicants with a master's degree will be considered.
https://ww2.amstat.org/policy/fellowship.cfm

(UGE, GE, EC) ASA/ACM/AMS/IMS/MAA/SIAM Science and Technology Policy Fellowship
Applicants must be US citizens and have a PhD in statistics, data science, mathematics, or a closely related field. Fellows serve one year in a federal agency or on the staff of a senator, representative, or congressional committee. Deadline of January 15.
https://form.jotform.com/zzlalo/ASAScienceTechnologyFellow

(UGE, GE, EC) ASA Federal Statistics Fellowship Programs
The Bureau of Labor Statistics, US Census Bureau, Bureau for Economic Analysis, and National Center for Health Statistics, and National Agricultural Statistics Service offer paid fellowships of various durations. The first three programs are jointly sponsored by NSF. In order the links to the individual programs are:
https://www.bls.gov/osmr/asa_nsf_bls_fellowship_info.htm Deadline of early January
https://www.amstat.org//asa/files/pdfs/YCR-ASANSFCensusResearchProgram.pdf Deadline of early December
https://www.amstat.org/asa/files/pdfs/YCR-BEA.pdf Deadline of early January
https://www.amstat.org/asa/files/pdfs/YCR-ASANCHSResearchFellowshipProgram.pdf Deadline of the middle of January for full consideration.

(K–12E, UGE, GS, GE, EC) ASA/NASS (National Agricultural Statistics Service) Research Fellow & Associate Program
This program allows selected fellows and associates the opportunity to engage in research of large-scale agricultural survey operations, including design, collection, quality control, forecasting, estimation, and analysis. The minimum requirement for applicants is two years of graduate study.
https://www.amstat.org/asa/files/pdfs/YCR-ASAUSDANASSFellowshipBrochure.pdf

(UGS, GS, EC) AAAS (American Association for the Advancement of Science) Mass Media Science & Engineering Fellows (AAAS MMF) Program
The ASA has joined the 10-week summer AAAS MFF programs to expand its efforts to promote more statistical capacity in reporting and provide statisticians with more media experience. The ASA Committee for Excellence in Statistical Reporting evaluates the candidates for the ASA's MMF. Fellows work directly with journalists. Deadline of January 1.
https://www.aaas.org/programs/mass-media-fellowship (General Program)
https://www.amstat.org/ASA/Your-Career/ASA-AAAS-Mass-Media-Fellowship.aspx (ASA Specific Fellow)

Sponsored by Other Organizations

(UGE, UGS, GE, GS, EC) ASA Listing of Regularly Occurring Funded Research Opportunities
Although the main purpose of this website is non-fellowship opportunities, it also has a comprehensive list of fellowships.
https://www.amstat.org/ASA/Your-Career/External-Funding-Sources.aspx

(EC) AAAS Science & Technology Policy Fellowships (STPF)
This is a cooperative initiative of many scientific and engineering societies, each of which selects and supports its choices for one-year fellowships in Washington, DC. Each partner society has its own application deadlines, procedures, degree requirements, and stipend levels. Applicants may apply to more than one society. Many of the Fellowships have a deadline of November 1.
https://www.aaas.org/programs/science-technology-policy-fellowships/become-st-policy-fellow

(UGE, UGS, GE, GS, EC) Oak Ridge Institute for Science and Education (ORISE) ORISE offer numerous internships, fellowships, and research experiences available to undergraduate and graduate students, recent graduates, postdocs, and university faculty members. Many of these are in statistics. Although administered through the Oak Ridge facility of the US Department of Energy, these experiences are at a variety of federal government agencies in different parts of the country.
https://orise.orau.gov/stem/internships-fellowships-research-opportunities/index.html

(K–12E) Albert Einstein Distinguished Educator Fellowship Program
These are 11-month fellowships for K–12 teachers in STEM fields. Each year, the fellows form a cohort and work in federal government agencies or US congressional offices. Although it is administered by the US Department of Energy, the fellowships are matched to the applicant's interests and fellows are placed in a variety of workplaces. Deadline is middle of November.
https://science.osti.gov/wdts/einstein

(UGS) Junior Fellows (summer internships in the Washington, DC, area)
Junior fellows are placed at various statistical and survey organizations, including US government agencies. The work they do is determined by their interests and the needs of their placement. In addition to working, junior fellows attend weekly seminars covering a variety of aspects of survey methodology and visit federal statistical agencies to broaden their experience. Each junior fellow can expect to work 40 hours per week and be paid, at a minimum**,** $6,000 over 10 weeks. In addition, free housing is provided. The junior fellows program is overseen by the Joint Program in Survey Methodology. Deadline is early January.
https://jpsm.umd.edu/academics/onsite-junior-fellows-program

(UGS) Research Experiences for Undergraduates (REUs)
The National Science Foundation (NSF) funds a large number of research opportunities for undergraduate students through its REU Sites program. Participants at each site are a group of 10 or so undergraduates from different colleges/universities who work in the research programs of the host institution. Students work closely with the faculty and other researchers. They are given stipends and usually assistance with housing and travel. Undergraduate students supported with NSF funds must be citizens or permanent residents of the United States or its possessions. https://www.nsf.gov/crssprgm/reu/reu_search.jsp. The categories for statistics and data science REUs are "Mathematical Sciences" and "Computer and Information Science and Engineering."

(UGS, GS) Summer Institute in Biostatistics (SIBS)
This program offers a comprehensive six- to seven-week summer training course on biostatistics at six university campuses and targets undergraduates and beginning graduate students who are interested in learning about biostatistics. It is sponsored by the National Heart, Lung, and Blood Institute, which is part of the National Institutes of Health.
https://www.nhlbi.nih.gov/node-general/summer-institute-biostatistics

(K-12S, US) National Heart, Lung, and Blood Institute Training, Fellowship, and Career Development Opportunities
Multiple opportunities are available
https://www.nhlbi.nih.gov/grants-and-training/training-and-career-development/high-school-and-undergraduate-students

(GS) NSF Graduate Research Fellowship Program (GRFP)
NSF awards three-year fellowships to graduate students pursuing research-based master's and doctoral degrees in science, technology, engineering, and mathematics (STEM) or STEM education. The application deadline is in late October.
https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=6201&org=NSF

(UGS, GS, EC) ASA Listing of Student Internships and Postdoctoral Fellowships
These internships are mostly summer internships, but non-summer internships are also listed for some employers. The initial list for each calendar year is published in December of the previous year and updated as needed.
Students: https://www.amstat.org/ASA/Education/Internships-and-Fellowships.aspx Employers: https://www.amstat.org/asa/education/Internship-Opportunities-Listing-Form.aspx

(UGE, GE) Project TIER (Teaching Integrity in Empirical Research) Faculty Fellowships
Project TIER is concerned with increasing the transparency and reproducibility of empirical research in the social sciences. These $5,000 fellowships are awarded to faculty incorporating principles and methods of transparency into quantitative research methods courses or in their supervision of independent student research. Deadline is early April.
https://www.projecttier.org/fellowships-and-workshops/tier-faculty-fellowships/

(UGE, GS, GE, EC) ETS (Educational Testing Service) Internships, Fellowships and Visiting Scholars
These programs seek applicants who are interested in pursuing scientific research under the guidance of ETS researchers and psychometricians. Applicants should have a background in at least one of many research areas. Those most relevant to statisticians are: artificial intelligence, measurement, process data modeling and analysis, psychometrics and statistics. The specific programs are described below.
https://www.ets.org/research/internship-fellowship/ (for general details on the programs)

(GS) **The Summer Internship Program in Research for Graduate Students** Selected interns conduct research under the guidance of ETS mentors at ETS offices in Princeton, N.J. Graduate students who are currently enrolled in full-time doctoral programs and who have completed a minimum of two years of coursework toward their doctorate prior to the program start date are eligible to apply. Deadline of February 1.
https://www.ets.org/research/internship-fellowship/summer

(GS) **The Harold Gulliksen Psychometric Research Fellowship Program**
This program seeks graduate students who have completed their doctoral coursework and are at the dissertation stage of their program, working on a dissertation related to statistics, psychometrics, educational/psychological measurement or quantitative methods. Selected Fellows study at their universities during the academic year and conduct a research project under the supervision of an academic mentor and in consultation with an ETS researcher or psychometrician. Selected Fellows are required to participate in the ETS Summer Internship Program (described just above). Deadline is in late December
https://www.ets.org/research/internship-fellowship/gulliksen

(EC) **Postdoctoral Fellowship Program**
ETS Postdoctoral Fellowships are intended to provide opportunities for early career scholars to work with ETS researchers on a variety of cutting-edge topics including foundational research, as well as research embedded in real world testing programs. Selected fellows work on ETS research projects and conduct independent research that is relevant to ETS's goals under the mentorship of ETS research scientists or psychometricians in Princeton, N.J. All candidates are required to have received their doctorate within the past three years. Deadline of February 1.
https://www.ets.org/research/internship-fellowship/postdoctoral

(UGE, GE) **Visiting Research Scholar Program**
The Visiting Research Scholar Program is designed to provide educational and research experience of up to 12 months in length for academicians and researchers who are on sabbatical or other types of leave from their home institutions.
https://www.ets.org/research/internship-fellowship/scholar

Travel Awards (Mostly for Presentations at Various Conferences)

ASA Sponsored or Cosponsored

(UGS, GS, EC) **ASA Student and Early Career Travel Fund**
This fund was created to encourage students and early-career professionals to become engaged in the statistical community through participation in ASA-sponsored professional meetings. The selection of students is based on both merit and financial need. Applications are due at least three months prior to the start of the ASA conference for which the applicant is applying for support.
https://www.amstat.org/ASA/Your-Career/Awards/Student-and-Early-Career-Travel-Fund.aspx

(UGS, GS) **ASA Sections and Chapters Paper Competitions**
These are travel awards for students who have submitted papers for sessions at the Joint Statistical Meetings. Deadlines vary from November 15 to December 15.
https://www.amstat.org/ASA/Your-Career/Student-Paper-Competitions.aspx Some chapters also sponsor travel awards. For example, see http://washstat.org/awards/#student_travel (with a deadline of December 31)

(UGE, GS, GE, EC) Lester R. Curtin Award
The Lester R. Curtin Award is awarded each year to a young health statistician attending the ASA Conference on Statistical Practice. It provides $1,000 for general registration and travel support and up to $400 toward registration for a Continuing Education course offered during the conference. Applications are due by October 15 each year.
https://www.amstat.org/ASA/Your-Career/Awards/Lester-R-Curtin-Award.aspx

(GS, EC) Lingzi Lu Memorial Award
This award is in memory of a first-year student in the statistics master's program at Boston University who lost her life in the bombing at the Boston Marathon in 2013. The award provides up to $1,300 for registration and travel support to the ASA Conference on Statistical Practice. Award recipients are selected by a committee jointly appointed by the ASA and International Chinese Statistical Association (ICSA). Applicants must be enrolled in a master's degree program in statistics or biostatistics or have completed a master's degree in statistics or biostatistics no more than two years prior to the time of application. Deadline of October 15.
https://www.amstat.org/ASA/Your-Career/Awards/Lingzi-Lu-Memorial-Award.aspx

(GS, EC) John J. Bartko Scholarship Award
This award helps promising young statisticians who are in at least the second year of a master's degree program in statistics or biostatistics or who have completed such a program within the two years prior to the award date. The award provides up to $1,000 in registration and travel support to the ASA Conference on Statistical Practice. Deadline is in early December.
https://www.amstat.org/ASA/Your-Career/Awards/John-J-Bartko-Scholarship-Award.aspx

Sponsored by Other Organizations

(UGE, GS, GE, EC) Caucus for Women in Statistics Annual Travel Awards
The Caucus for Women in Statistics (CWS) gives at least two awards yearly to partially support those who are presenting their current research as a panelist, speaker, or poster presenter at a professional meeting. Winners must be early-career professionals, hold a master's or PhD in statistics or a related field, and be CWS members. The names of the two awards are Do-Bui award and Lee award. Selection is based on both merit and financial need. Deadline of May 1. The latest information is at the following:
https://cwstat.org/2020-cws-annual-travel-award-2/.

(GS) IMS (Institute of Mathematical Statistics) Lawrence D. Brown Ph.D. Student Award
Eligible applicants will compete to be one of three speakers at an invited session as part of the IMS Annual Meeting. The award will include reimbursement for both travel and the meeting registration fee (up to $2,000 in total). Applicants must be current Ph.D. students (i.e., have not yet received their Ph.D. degree) at the time of submitting an application and are studying an area of statistical science, probability or machine learning. Deadline of May 1.
https://www.imstat.org/ims-awards/ims-lawrence-d-brown-ph-d-student-award/

(GS) IMS Hannan Graduate Student Travel Award
The purpose of this award is to fund travel and registration to attend and possibly present a paper or poster at an IMS-sponsored or cosponsored meeting. Presentation of a paper/poster is encouraged, but not required. Deadline is February 1.
https://www.imstat.org/ims-awards/ims-hannan-graduate-student-travel-award/

(EC) IMS New Researchers Travel Awards
The Institute of Mathematical Statistics (IMS) provides travel awards to IMS members who will

shortly earn or have earned their PhDs within the past five years. The award funds travel and possibly other expenses to present a paper or poster at an IMS-sponsored or cosponsored meeting (including the Joint Statistical Meetings). Deadline of February 1.
https://www.imstat.org/ims-awards/ims-new-researcher-travel-award/

(EC) IMS Tweedie New Researcher Award
This award funds travel to present the "Tweedie New Researcher Invited Lecture" at the IMS New Researchers Conference. New researcher is one who received their doctoral degree in one of the five calendar years preceding the year of nomination, or in the year of nomination. Deadline of December 1.
https://www.imstat.org/ims-awards/tweedie-new-researcher-award/

(UGS, GS) American Association for Public Opinion Research Student Travel Award
Awarded to a maximum of 20 students who are in need of financial support so they may attend the American Association for Public Opinion Research (AAPOR) annual conference. Applicants must be full-time students enrolled in college or university programs that teach or use survey and/or public opinion research methods as central tools for research and analysis. Deadline is in middle of January.
https://www.aapor.org/Conference-Events/Awards/Student-Travel-Award/Student-Travel-Award-Nomination-Information.aspx

(UGS, GS, EC) Janet A. Harkness Student Paper Award
Sponsored by The World Association for Public Opinion Research (WAPOR) and the American Association for Public Opinion Research (AAPOR), this award supports a presentation at the WAPOR conference on the topics of multinational/multicultural/multilingual survey research (i.e., 3M survey research) and the theory and methods of 3M survey research, including statistics and statistical techniques used. Deadline is in middle of May.
https://www.aapor.org/Conference-Events/Awards/Janet-A-Harkness-Student-Paper-Competition/Harkness-Student-Paper-Nomination-Info.aspx

(UGS, UGE, GS, GE) AAPOR Student-Faculty Diversity Pipeline Awards
These awards are intended to recruit faculty-student "pairs" interested in becoming AAPOR colleagues and attend AAPOR's annual conference. The award is for students and faculty of whom at least one is identified as American Indian or Alaska Native, Asian, Black or African American, Native Hawaiian or Other Pacific Islander, or Hispanic or Latino. Deadline in middle of February.
https://www.aapor.org/Conference-Events/Awards/The-Student-Faculty-Diversity-Pipeline-Award.aspx

(UGS, GS, EC) Jan Tinbergen Awards of the International Statistical Institute
These awards are for the best papers for the biennial World Statistics Congresses (WSC) of the ISI by young statisticians. There are two divisions, with one award in each division for each WSC. The two divisions are General and Statistical Systems. For each winning paper, the foundation provides a cash prize and support to enable the author to participate and present their paper at the next ISI World Statistics Congress. https://isi-web.org/index.php/meetings-and-awards/isi-awards/tinbergen-award

(UGS, GS, EC) Fall Technical Conference Attendance Grants
The Statistics Division of the American Society for Quality offers grants for students who are in statistics and quality management programs. In addition, they offer grants for early-career

professionals, defined as those who have graduated with an undergraduate or graduate degree in statistics within the last three years and work in quality or statistics positions in industry, government, or academia. Applications accepted on rolling basis through middle of August.
http://www.falltechnicalconference.org/grants/

Other Awards/Honors (*including those based wholly or in-part on teaching*)

ASA Sponsored or Cosponsored

(K–12E, UGS, UGE, GS, GE) Best Presentation Awards at the Joint Statistical Meetings
Many sections have awards for best presentation, typically delivered in that section's JSM topic-contributed, contributed, or poster sessions. The criteria and prize awarded vary by section. The ones that are most applicable to education are at:
https://community.amstat.org/tshs/awards/awardsoverview/bestcontrib
https://community.amstat.org/statisticaleducationsection/awards/wasserstein-award
https://community.amstat.org/statisticaleducationsection/awards/speed-session-award

(K–12E, UGS, UGE, GS, GE, EC) Attendance at Diversity Mentorship Program and StatFest
These programs bring historically under-represented minority (African American, Hispanic/Latino, Native American) graduate, undergraduate, and postdoctoral students, as well as junior professionals, together with senior-level statisticians and faculty in academia, government, and the private sector. Both usually held during the summer.
https://community.amstat.org/cmis/events/dwmp
https://community.amstat.org/cmis/events/statfest

(UGE, GE) Outstanding Teaching Award of the ASA Teaching of Statistics in the Health Sciences Section
This award is presented yearly to an outstanding statistics educator and mentor in the health sciences. Deadline is in middle of March.
https://community.amstat.org/tshs/awards/outstandingteachingaward

(UGE, GE, EC) Young Investigator Award of the ASA Section on Teaching of Statistics in the Health Sciences
This award recognizes a promising "young investigator" for his/her promise as a statistics educator or in conducting statistics education research in the health sciences. Young investigator is defined as a current graduate student OR a graduate who earned his/her terminal degree no more than seven years ago, is in a position with rank below associate professor, and does not hold tenure (or equivalent classification). A nominee must be a member of the ASA (and preferably of the section) at the time of the nomination. Deadline is in middle of May.
https://community.amstat.org/tshs/awards/younginvestigatoraward

(UGE, GS, GE, EC) Waller Early Career Education Award
Nominees should have 10 or fewer years of full-time teaching experience and have the responsibility of teaching the first course in statistics in a two- or four-year college or research university. Graduate teaching assistants are eligible for nomination. Deadline of February 15.
https://www.amstat.org/ASA/Your-Career/Awards/Waller-Awards.aspx

(UGE, GE) Waller Distinguished Teaching Career Award
Nominees must have 20 or more years of statistics teaching experience. The recipient will be

selected based on excellence in teaching across a variety of statistics courses; innovation, scholarship, and creative efforts in education; and impact in statistics education beyond the nominee's institution. Deadline of February 15.
https://www.amstat.org/ASA/Your-Career/Awards/Waller-Awards.aspx

(UGE, GE) Causality in Statistics Education Award
This award is given to a person or team that does the most to enhance the teaching & learning of causal inference in undergraduate & lower-division graduate statistics. Deadline in the middle of March.
https://www.amstat.org/ASA/Your-Career/Awards/Causality-in-Statistics-Education-Award.aspx

(UGE, GE) Karl E. Peace Award for Outstanding Statistical Contributions for the Betterment of Society
This award recognizes statisticians who have made substantial contributions to the statistical profession and society in general. Deadline of February 1.
https://www.amstat.org/ASA/Your-Career/Awards/Karl-E-Peace-Award-for-Outstanding-Statistical-Contributions-for-the-Betterment-of-Society.aspx

(UGE, GE) Mentoring Award
This award is given each year to a member who has demonstrated extraordinary leadership in developing the careers of statistics students, statisticians, or statistical researchers early in their careers. Deadline of March 1.
https://www.amstat.org/ASA/Your-Career/Awards/ASA-Mentoring-Award.aspx

(UGE, GE, EC) Gertrude M. Cox Award
This award is jointly sponsored by the Washington Statistical Society (WSS) and RTI International. The award annually recognizes a statistician in early to mid-career (fewer than 15 years after terminal degree) who has made significant contributions in one or more of the areas of survey methodology, experimental design, biostatistics, and statistical computing. The winner will give a special talk to the WSS as part of the WSS Annual Dinner. In addition, the winner receives a $1,000 honorarium, paid travel expenses to Washington, DC, and a plaque. Deadline of late February. http://washstat.org/awards/#Cox

(UGE, GE, EC) Gottfried E. Noether Young Scholar Award
This award is given each year to foster, encourage, and support both research and teaching in nonparametric statistics. The honoree is presented with an engraved award and $2,500 and delivers a lecture at the Joint Statistical Meetings the year of their award. Selection is based on significant accomplishments in nonparametric statistics, interpreted broadly to include theory, methodology, and outstanding applications. Eligibility for this award is for those who obtained their PhD degree or an equivalent degree in the past six years. Deadline of January 15.
https://www.amstat.org/ASA/Your-Career/Awards/Gottfried-E-Noether-Awards.aspx

(UGE, GE) F.N. David Award
This award is granted to a female statistician who serves as a role model to other women by her contributions to the profession through excellence in research, the leadership of multidisciplinary collaborative groups, statistics education, or service to the professional societies. The award is given in odd-numbered years. The award consists of a plaque, and an honorarium of $1,500. In addition, the award winner will deliver the F.N. David Lecture at the Joint Statistical Meetings. Deadline is middle of December of even-numbered years.
https://community.amstat.org/copss/awards/fn-david

(UGE, GE) Elizabeth L. Scott Award
This award is granted to an individual, male or female, who has helped foster opportunities in statistics for women and whose efforts have furthered the careers of women in academia. The award, given in even-numbered years. The award consists of a plaque and an honorarium of $1,500. In addition, the award winner will also deliver an E. L. Scott Lecture at the Joint Statistical Meetings. Deadline is December 15 of odd-numbered years.
https://community.amstat.org/copss/awards/scott

(UGE, GE) Statistical Partnerships Among Academe, Industry, and Government (SPAIG) Award
This award recognizes outstanding partnerships as well as to promoting new partnerships. Nominees must represent at least two of the organizations from academe, industry, or government and their collaboration must have resulted in significant contributions to the statistical field with applications to real-world problems. Deadline of March 1
https://www.amstat.org/ASA/Your-Career/Awards/Statistical-Partnerships-Among-Academe-Industry-and-Government-Award.aspx

Sponsored by Other Organizations

(UGS, UGE, GS, GE, EC) Mu Sigma Rho Honorary Society
Mu Sigma Rho is the national honorary society for statistics. Its purpose is the promotion and encouragement of scholarly activity in statistics and the recognition of outstanding achievement among the students and instructional staff at eligible academic institutions. The website includes criteria for membership, a list of existing Mu Sigma Rho chapters, and information about how to form a chapter.
http://www.stat.purdue.edu/msr/index.html

Students at institutions in the Albuquerque, Boston, Dayton, Kansas-Western Missouri, Pittsburgh, Southern California, and Washington, DC (which includes the District of Columbia, Maryland, and Virginia) areas can apply for membership via their local ASA chapters.
http://www.stat.purdue.edu/msr/Chapter_Reps.pdf

(UGE, GE) Mu Sigma Rho William D. Warde Statistics Education Award.
This award is based on evidence of excellence in classroom teaching in the statistics discipline and a lifetime devotion to statistics education. Each academic institution is allowed one nomination per year. Any college or institution may nominate a potential recipient regardless of whether the institution has an active Mu Sigma Rho chapter. Deadline in middle of February. Scroll down to the words "Mu Sigma Rho William D. Warde…" on the left of the page at
http://www.stat.purdue.edu/msr/index.html

(UGE, EC) Robert V. Hogg Award for Excellence in Teaching Introductory Statistics
This award is sponsored by the Special Interest Group of the Mathematical Association of America (SIGMAA) on Statistics Education. It is awarded to individuals who have taught introductory statistics at the college level for 3–15 years and shown both excellence and growth in teaching during that time. The nominee must hold membership in the MAA.
http://sigmaa.maa.org/stat-ed/Hogg_award/SIGMAA-Stat-Ed-Award.pdf

(UGE, GE) Janet L. Norwood Award for Outstanding Achievement by a Woman in the Statistical Sciences
This award is sponsored by Department of Biostatistics and the School of Public Health, University of Alabama at Birmingham. Eligible individuals are women who have made extraordinary contributions and have an outstanding record of service to the statistical sciences, with an emphasis on both their own scholarship and on teaching and leadership of the field in general and of women in particular and who, if selected, are willing to deliver a lecture at the award ceremony. Deadline in July. http://www.soph.uab.edu/awards/norwoodaward.