

## ASA Section on Statistical Education

[www.amstat.org/sections/educ](http://www.amstat.org/sections/educ)

The mission of the Section on Statistical Education is to promote the teaching and learning of statistics for all levels and audiences. Join the section to connect with your statistical education colleagues through the online ASA Community forum and in-person meetings.

## Consortium for the Advancement of Undergraduate Statistics Education (CAUSE)

[www.causeweb.org](http://www.causeweb.org)

Arising from a strategic initiative of the American Statistical Association, CAUSE is a national organization whose mission is to support and advance undergraduate statistics education in the four target areas of resources, professional development, outreach, and research. CAUSE offers free statistics education webinars and resources and hosts the U.S. Conference on Teaching Statistics and Electronic Conference on Teaching Statistics.

## Guidelines for Assessment and Instruction in Statistics Education (GAISE) College Report

[www.amstat.org/education/gaise](http://www.amstat.org/education/gaise)

Participants in the GAISE project created a report of recommendations for teaching introductory statistics courses at the college level and statistics education in pre-K–12 years. The GAISE College Report is freely available online.

## Journal of Statistics Education

[www.amstat.org/publications/jse](http://www.amstat.org/publications/jse)

JSE is a free, online, international journal focusing on the teaching and learning of statistics.

## Teaching Statistics: Resources for Undergraduate Instructors

[www.amstat.org/education/publications.cfm](http://www.amstat.org/education/publications.cfm)

This publication presents a collection of classic and original articles about various aspects of statistical education, along with descriptions of innovative and successful projects.

## Making Sense of Statistical Studies

[www.amstat.org/education/msss](http://www.amstat.org/education/msss)

This publication offers 15 hands-on investigations that provide students with valuable experience in designing and analyzing statistical studies. Though written for an upper middle-school or high-school audience having some background in exploratory data analysis and basic probability, Msss has also been used in introductory college statistics courses and mathematics education courses for future mathematics and statistics teachers.

## PUBLICATIONS

### CHANCE

<http://chance.amstat.org>

This quarterly magazine is geared toward statisticians and includes entertaining articles about the world of statistics.

### Significance

[www.significancemagazine.org](http://www.significancemagazine.org)

A quarterly magazine that demonstrates, in an entertaining and thought-provoking way, the practical use of statistics in all walks of life and shows how statistics benefits society.

## ADDITIONAL RESOURCES

### Useful Websites for Statistics Teachers

[www.amstat.org/education/usefulsitesforteachers.cfm](http://www.amstat.org/education/usefulsitesforteachers.cfm)

### Statistical Significance Series

[www.amstat.org/outreach/statsig.cfm](http://www.amstat.org/outreach/statsig.cfm)

The Statistical Significance (StatSig) series highlights the contributions statisticians make to society.

### Careers in Statistics

[www.amstat.org/careers](http://www.amstat.org/careers)

The ASA serves as the main clearinghouse for information about jobs, careers, salary information, and employment for the statistical profession.

### Undergraduate Curriculum Guidelines

[www.amstat.org/education/curriculumguidelines.cfm](http://www.amstat.org/education/curriculumguidelines.cfm)

The ASA endorses the value of and provides guidelines for development of curricula for undergraduate programs in statistical science.

### Statistics Education Graduate Programs

[www.amstat.org/news/pdfs/StatEdGraduatePrograms.pdf](http://www.amstat.org/news/pdfs/StatEdGraduatePrograms.pdf)

This report offers recommendations for the establishment and support of new graduate programs in statistics education and outlines issues and recommendations for placement and support of new faculty.

### Using Statistics Effectively in Mathematics Education Research

[www.amstat.org/education/pdfs/UsingStatisticsEffectivelyinMathEdResearch.pdf](http://www.amstat.org/education/pdfs/UsingStatisticsEffectivelyinMathEdResearch.pdf)

This report describes how mathematics education researchers and statisticians can work together to strengthen scientifically based research in education.