

## 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.

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

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

Arising from a strategic initiative of the ASA, CAUSE is a national organization that 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)

The GAISE College Report offers recommendations for teaching introductory statistics courses at the college level.

## Curriculum Guidelines for Undergraduate Programs

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

The ASA provides guidelines for development of curricula for undergraduate programs in statistical science. The guidelines were updated in 2014.

## Statistical Education of Teachers (SET) Report

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

The SET Report calls on mathematicians, statisticians, and mathematics/statistics educators to collaborate in preparing pre-K–12 teachers to teach rigorous statistics courses. It is a resource stakeholders can use to guide statistics preparation of teachers.

## Two-Year College Statistics Resources

[www.amatyc.org/?page=StatsResources](http://www.amatyc.org/?page=StatsResources)

[www.amatyc.org/?page=Webinars](http://www.amatyc.org/?page=Webinars)

The ASA/American Mathematical Association of Two-Year Colleges (AMATYC) Joint Committee maintains a list of resources online for statistics instructors at two-year colleges. The committee also offers free statistics webinars through AMATYC.

## ASA DataFest

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

ASA DataFest is an annual 48-hour competition in which teams of undergraduate students work to reveal insights into a rich and complex data set.

### PUBLICATIONS

#### Journal of Statistics Education

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

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

#### CHANCE

<http://chance.amstat.org>

This quarterly magazine is about using data to advance science, education, and society.

#### Significance

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

A quarterly magazine that demonstrates the practical use of statistics and shows how statistics benefits society.

### SOCIAL MEDIA

Like us on Facebook at [www.facebook.com/AmstatNews](http://www.facebook.com/AmstatNews) or follow us on Twitter: [www.twitter.com/AmstatNews](http://www.twitter.com/AmstatNews)

### 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/policy/statsig.cfm](http://www.amstat.org/policy/statsig.cfm)

The “StatSig” series highlights the contributions statisticians make to society.

#### Careers in Statistics

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

#### Resources for Department Chairs

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

The ASA/MAA Joint Committee on Undergraduate Statistics Education maintains resources for departments that bear primary responsibility for teaching statistics at their institutions.

#### 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.

#### Teaching Statistics: Resources for Undergraduate Instructors

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

#### 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.

