



**AMERICAN STATISTICAL ASSOCIATION**

732 North Washington Street, Alexandria, VA 22314-1943

Phone: (703) 684-1221 • Fax: (703) 684-2037 • [asainfo@amstat.org](mailto:asainfo@amstat.org) • [www.amstat.org](http://www.amstat.org)

# Career Opportunities in Statistics

## ASA RESOURCES

### Amstat Online

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

### Amstat News

<http://magazine.amstat.org>

### ASA Committee on Women in Statistics

[www.amstat.org/committees/cowis](http://www.amstat.org/committees/cowis)

### ASA Committee on Career Development

[www.amstat.org/committees/commdetails.cfm?txtComm=CCNPROO1](http://www.amstat.org/committees/commdetails.cfm?txtComm=CCNPROO1)

### Careers in Statistics Web Site

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

### Careers in Statistics PowerPoint Presentation

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

### ASA JobWeb

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

# WOMEN IN STATISTICS

### Association for Women in Mathematics

[www.awm-math.org](http://www.awm-math.org)  
[awm@math.umd.edu](mailto:awm@math.umd.edu)

### American Association of University Women

[www.aauw.org](http://www.aauw.org)  
[helpline@aaw.org](mailto:helpline@aaw.org)

### Association for Women in Science

[www.awis.org](http://www.awis.org)  
[awis@awis.org](mailto:awis@awis.org)

### Caucus for Women in Statistics

<http://caucusforwomeninstatistics.com>

Statisticians provide crucial guidance when determining what information is reliable and which predictions can be trusted. They often help search for clues to a scientific mystery, and sometimes keep investigators from being misled by false impressions. Women have made valuable contributions to statistics.

Women interested in mathematics, analytics, engineering, sociology, medicine, education, and practically any other discipline will find statistics to be a useful and challenging tool.

### PROGRAM OF STUDY

High-school students who are interested in careers in statistics should take mathematics courses at every opportunity.

On the college level, future statisticians should major in mathematics, statistics, or some related field of statistical application. Because of the applied nature of many statistical professions, it is also useful to develop skills in a particular field of study (e.g., medicine, public policy, economics, biology, psychology, exercise and sport sciences, agriculture).



Nightingale

**Florence Nightingale** was a member of the Royal Statistical Society and one of the first people to collect statistics, which led to reforms in health policy in 19th-century Britain. Her work saved the lives of countless British soldiers.



Cox

**Gertrude Cox** was a professor at North Carolina State University. She was instrumental in establishing departments of statistics at two North Carolina universities and she helped found the International Biometric Society. She was elected Fellow of the ASA in 1944 and served as the association's president in 1956.



Norwood

**Janet Norwood** was the first woman commissioner of the Bureau of Labor Statistics, serving with distinction from 1979 to 1991. She served as president of the American Statistical Association in 1989 and has made major contributions to U.S. government statistics, especially the Consumer Price Index.