

Career Opportunities in Statistics

ASA RESOURCES

Amstat Online

The ASA web site links users to various online resources for statisticians and students interested in statistics.

www.amstat.org

Amstat News

The monthly membership magazine of the ASA prints an entire issue devoted to careers in statistics. To order a copy, visit www.amstat.org/publications

ASA Committee on Women in Statistics

This committee's web site features links to other resources and contact information for committee members.

www.amstat.org/comm

ASA Committee on Career Development

This committee's web site features links to other resources and contact information for committee members.

www.amstat.org/comm



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WOMEN IN STATISTICS

Association for Women in Mathematics

www.awm-math.org
awm@math.umd.edu

American Association of University Women

www.aauw.org
helpline@aaw.org

Association for Women in Science

www.awis.org
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, computers, 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. The development of computer skills also is encouraged.

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).

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.



Nightingale



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.

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.



Norwood