DEPARTMENT OF STATISTICS

The science of statistics deals with the collection and summarization of data, design of experiments and surveys, measurement of the magnitude of variation in both experimental and survey data, estimation of population parameters with measures of their accuracy and precision, tests of hypotheses about populations and studies of the relationships between two or more variables. While the ideal of science is to achieve a systematic interrelationship of facts, scientific methods must be a pursuit of this ideal by experimentation, observation and logical arguments from various accepted postulates. Thus, the science of statistics is a set of scientific principles and methodologies that are useful in reaching conclusions about populations and processes when the available information is both limited and variable. Hence, statistical principles are useful in all the sciences, both physical and social. Many practical applications of statistics are found in a wide variety of fields, including biology, education, social sciences, engineering, business, government and agriculture.

The Department of Statistics offers training in statistics leading to degrees of Bachelor of Science, Master of Science and Doctor of Philosophy.

Faculty

Aburweis, Mohamed, Instructional Assistant Professor
Statistics
PHD, South Dakota State University, 2017

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Statistics
PHD, Texas A&M University, 1996

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PHD, Duke University, 2012

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PHD, Purdue University, 1974

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PHD, Harvard Graduate School of Arts and Sciences, 2016

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PHD, New York University, 2000

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PHD, Colorado State University, 1983

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MPH, Texas A&M University, 2017

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Statistics
PHD, University of Washington, 2006

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PHD, Cornell University, 2015

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Statistics
PHD, Southern Methodist University, 1981

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Statistics
MBA, University of North Texas, 1980

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Statistics
PHD, University California Berkley, 2010

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PHD, Carnegie Mellon, 2012

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PHD, University of California at Berkeley, 1997

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Statistics
PHD, University Of Chicago, 1989

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PHD, University of Maryland at Baltimore, 2015

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PHD, The Ohio State University, 2011

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MS, Baylor University, 2011

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PHD, Texas A&M University, 2010

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PHD, University of New Mexico, 2003

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PHD, Emory University, 2015

Longnecker, Michael T, Professor
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PHD, Florida State University, 1976

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PHD, University of Connecticut, 1994
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  - Statistics
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- Rahman, Shahina, Instructional Assistant Professor
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- Schmiediche, Henrik, Instructional Professor
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  - PHD, University of Florida, 2004
- Subbarao, Suhasini T, Professor
  - Statistics
  - PHD, University of Bristol, 2001
- Vidakovic, Branislav, Professor
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- Wang, Suojin, Professor
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  - PHD, The University of Texas at Austin, 1988
- Wang, Tiandong, Assistant Professor
  - Statistics
  - PHD, Cornell University, 2019
- Wong, Ka Wai, Associate Professor
  - Statistics
  - PHD, University California, Davis, 2014
- Zhang, Xianyang, Associate Professor
  - Statistics
  - PHD, University of Illinois at Urbana-Champaign, 2013
- Zhou, Lan, Associate Professor
  - Statistics
  - PHD, University of California at Berkeley, 1997
- Zhou, Quan, Assistant Professor
  - Statistics
  - PHD, Baylor College of Medicine, 2017

Majors

- Bachelor of Science in Statistics (http://catalog.tamu.edu/undergraduate/arts-and-sciences/statistics/bs/)
- Bachelor of Science in Statistics and Master of Science in Statistics, 5-Year Degree Program (http://catalog.tamu.edu/undergraduate/arts-and-sciences/statistics/bs-ms/)

Minors

- Statistics Minor (http://catalog.tamu.edu/undergraduate/arts-and-sciences/statistics/minor/)