STATISTICS

Modern statistics is an exciting subject that affects most aspects of modern living. It has been developed to deal rationally and objectively with the uncertainty that accompanies variation in phenomena as highly complex as the interplay of the many factors that affect our environment. It derives vitality in coping with practical problems arising in all fields of scientific activity, including the social, business, biological, agricultural, medical, natural, and engineering sciences. Investigators' efforts to learn about a specific phenomenon, be it the response of a patient to a certain medical treatment or the effectiveness of a particular instructional program on a student's learning, are impacted by the presence of natural variation. The field of statistics is concerned with valid and efficient ways to learn more about these phenomena in the presence of such variation. It is an inductive science in which information is extracted from sample data in order to draw inferences. This process most often involves planning experiments or designing studies to ensure that valid answers to questions are obtained from the sample.

DEGREES/MAJORS/CERTIFICATES

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- Data Science, BA (http://guide.wisc.edu/undergraduate/letters-science/statistics/data-science-ba/)
- Data Science, BS (http://guide.wisc.edu/undergraduate/letters-science/statistics/data-science-bs/)
- Data Science, Certificate (http://guide.wisc.edu/undergraduate/letters-science/statistics/data-science-certificate/)
- Statistics, BA (http://guide.wisc.edu/undergraduate/letters-science/statistics/statistics-ba/)
- Statistics, BS (http://guide.wisc.edu/undergraduate/letters-science/statistics/statistics-bs/)
- Statistics, Certificate (http://guide.wisc.edu/undergraduate/letters-science/statistics/statistics-certificate/)

PEOPLE

PEOPLE

PEOPLE

A full listing of the Statistics faculty, including affiliated faculty and links to webpages, can be found on the departmental website (https://stat.wisc.edu/people-main-faculty/).

FACULTY

- Cecile Ane, Professor, Statistics and Botany
- Joshua Cape, Assistant Professor, Statistics
- Peter Chien, Professor, Statistics
- Jessi Cisewski-Kehe, Assistant Professor, Statistics
- Sameer Deshpande, Assistant Professor, Statistics
- Nicolas Garcia Trillos, Assistant Professor, Statistics
- Yinqiu He, Assistant Professor, Statistics
- Hyunseung Kang, Assistant Professor, Statistics
- Sunduz Keles, Professor, Statistics & Biostatistics and Medical Informatics
- Bret Larget, Professor, Statistics
- Keith Levin, Assistant Professor, Statistics
- Wi-Yin Loh, Professor, Statistics
- Michael Newton, Professor, Statistics & Biostatistics and Medical Informatics
- Vivak Patel, Assistant Professor, Statistics
- Alejandra Quintos, Assistant Professor, Statistics
- Sebastian Raschka, Assistant Professor, Statistics
- Garvesh Raskutti, Associate Professor, Statistics
- Karl Rohe, Professor, Statistics
- Kris Sankaran, Assistant Professor, Statistics
- Jun Shao, Professor, Statistics
- Miaoyan Wang, Assistant Professor, Statistics
- Yazhen Wang, Chair and Professor, Statistics
- Brian Yandell, Professor, Statistics
- Chunming Zhang, Professor, Statistics
- Zhengjun Zhang, Professor, Statistics
- Yiqiao Zhong, Assistant Professor, Statistics
- Jun Zhu, Professor, Statistics