

## Tenure-Track Assistant Professor Position in Statistics Available

Department of Applied Economics and Statistics  
College of Agriculture and Natural Resources  
University of Delaware

**POSITION:** The Department of Applied Economics and Statistics at University of Delaware (UD) invites applications for a full time, tenure-track Assistant Professor in Statistics to begin fall 2018. Desired areas are listed below. The position will be a 9-month, academic-year appointment with approximately 60% of time devoted to research and 40% of time devoted to teaching. This position will contribute to the Delaware Will Shine blueprint (<http://shine.udel.edu/>) for a preeminent learner-centered research university through excellence in graduate education, innovative partnerships, and research efforts having local and global impact. The University of Delaware is launching a comprehensive, campus-wide initiative in Data Sciences that will include the College's Statistics faculty. In preparation for a surge in interest in Statistics and Data Sciences, the Department has hired three new faculty in Statistics in the last three years, and is currently searching for two additional faculty, including this position. This represents an almost complete faculty turnover in a four-year period, creating the opportunity to reshape the teaching, research and service missions of the Statistics Program.

### RESPONSIBILITIES:

**Research:** Successful candidates will demonstrate the drive and vision to develop an innovative, cutting-edge, and internationally recognized research program in Statistics, as well as to collaborate with researchers within and outside the University. Specifically, the Statistics faculty has opportunity to participate in interdisciplinary collaboration with the Center for Bioinformatics and Computational Biology (<http://www.cbcb.umd.edu/>), Center for Applications of Mathematics in Medicine (<http://www.mathandmedicine.org>), Christian Care Health System (<https://christianacare.org/>), College of Health Sciences (<http://chs.udel.edu/message/>), and the Institute for Financial Services Analytics (<http://lerner.udel.edu/centers/research-centers/institute-for-financial-services-analytics/>).

**Teaching:** A tenure-track assistant professor will be responsible for teaching three courses per year on regression and modeling related topics such as linear regression, advanced regression, generalized linear models, mixed effects models, nonlinear regression, among other topics. The successful candidate will support the BS and MS programs in Statistics, including a new, online MS program in Applied Statistics.

**Service:** In addition, there is the expectation to contribute to Department/University/Professional service activities and its mission of statistical literacy on campus.

**REQUIREMENTS:** A Ph.D. in Statistics (or a closely related field) with research interests in Theoretical and Applied Statistics, Bioinformatics, Biostatistics, Data Science, or Economics, among other related areas of application. The successful candidate will have a proven track record of excellence in research and a demonstrated commitment to high quality teaching at both the undergraduate and graduate levels.

**GENERAL INFORMATION:** The Department of Applied Economics and Statistics is an interdisciplinary academic unit within the University of Delaware's College of Agriculture and Natural Resources. Currently, the Department consists of 15 faculty and professional staff who teach and supervise approximately 150 undergraduate majors and 65 graduate students. The Department includes the Statistical Laboratory, which services clients both on and off campus and the Center for Experimental & Applied Economics, an experimental economics laboratory. Recognized for the past five years by the Chronicle of Higher Education as one of America's best universities to work for, the University of Delaware is located in scenic Newark, Delaware, within 2 hours of New York, Philadelphia, Baltimore, and Washington, D.C. The University is a Land Grant, Sea Grant, Space Grant, and Carnegie Research University, with external funding

exceeding \$200 million. The University of Delaware is an Equal Opportunity Employer and encourages applications from minority group members and women.

**SALARY:** University of Delaware salaries and fringe benefit packages are highly competitive. Tenure-track professors receive **one semester sabbatical leave during the third year of the appointment. A highly competitive start-up package** will be available.

**DEADLINE:** Review of applications will begin on November 7, 2017, and continue until the position is filled.

**APPLICATION:** Submit all of the following application materials via Interfolio: (i) a letter of application, (ii) a curriculum vitae, (iii) one statement of research interests, (iv) one statement about teaching including courses taught, (v) up to three samples of research, and (vi) requests for at least three letters of recommendation (requests are made through your Interfolio account). Submitted documents will be shared with departmental faculty.

For questions about the position, contact Dr. Jing Qiu ([qiuqing@udel.edu](mailto:qiuqing@udel.edu)), Chair, Statistics Faculty Search Committee, Department of Applied Economics and Statistics, University of Delaware, Newark, Delaware.