DEPARTMENT OF MATHEMATICS
COLLEGE OF NATURAL SCIENCES AND MATHEMATICS

Statistics (Tenure Track)

The Department of Mathematics invites applications for a tenure-track faculty position in statistics at the Assistant Professor level beginning August 2019. California State University, Fullerton values and is dedicated to the goal of building a diverse community. We strongly encourage applications from candidates who will contribute to the diversity and excellence of our community through their teaching, research and service.

Position

Applicants must have a solid theoretical and applied background in statistics. Expertise in the areas of statistical learning and Big Data are highly desirable. The successful candidate will contribute to the statistics community at Cal State Fullerton through teaching, research, professional activities, and service. Teaching responsibilities will include a wide spectrum of theoretical and applied courses in statistics and probability, at both the undergraduate and graduate levels. Teaching may also include courses in the mathematics curriculum, depending on background and interest of the applicant. Further responsibilities include conducting research resulting in publications in high-quality peer-reviewed journals, conducting faculty-student collaborative research, and advising students. A successful candidate will have the opportunity to participate in a transdisciplinary *Center for Computational and Applied Mathematics* and to contribute to the growth of the newly established *Statistical Consulting Center* within the College of Natural Sciences and Mathematics.

Qualifications

A Ph.D. in statistics or related field must be completed by the appointment date. Preference will be given to candidates who have:
- Teaching experience with a strong commitment to excellence in teaching at the undergraduate and graduate levels
- Evidence of strong potential in research, and the potential to supervise undergraduate and master's level students in research
- Evidence of a strong interest in participating in transdisciplinary collaborative research
- Demonstrated a strong commitment to teaching and mentoring a diverse student population
- Evidence of a strong commitment to seeking external funding
- The ability to communicate effectively with an ethnically and culturally diverse campus community

A background check (including a criminal records check) must be completed satisfactorily before any candidate can be offered a position with the CSU. Failure to satisfactorily complete the background check may affect application status of applicants or continued employment of current CSU employees who apply for the position.

Mathematics Department

The Mathematics Department has 31 tenured or tenure-track faculty members and offers an undergraduate degree program with concentrations in statistics, actuarial science, pure mathematics, applied mathematics, and teaching mathematics. The department also offers the following degree programs: M.S. in Statistics, M.A. in Applied Mathematics, and M.A. in Teaching Mathematics. For more details, please visit the Mathematics Department webpage at http://fullerton.edu/math.

The Statistics Program

The statistics faculty research areas include Bayesian statistics, statistical computing, spatial statistics, experimental design, and survival analysis. Faculty are active in application areas of neuroscience, geology, biostatistics, psychometrics, epidemiology, bioengineering, and finance. The Center for Computational and Applied Mathematics provides high performance computing to support faculty research. The statistics undergraduate program includes courses in probability theory, stochastic processes, statistical modeling, and statistical learning. The M.S. in Statistics program serves the growing demand in the workforce for professionals with knowledge and training in data science and quantitative analysis. Moreover, the program prepares students interested in graduate studies at the Ph.D. level. The M.S. courses are conducted synchronously in-person and via two-way stream on the Internet.

The University and College
California State University, Fullerton is the second largest university in California serving 40,000 students from southern California and especially Orange County. It is the largest of the 23 California State University campuses, the largest and most diverse university system in the country and one of the most affordable. CSUF is a designated Hispanic Serving Institution (the only one in Orange County) and an Asian American and Pacific Islander Serving Institution. It ranks fifth and ninth nationally in the number of baccalaureate degrees awarded to Hispanics and minority students, respectively.

"The College of Natural Sciences & Mathematics (CNSM) is dedicated to the principle that teaching and research are intricately mixed and that undergraduate research, when properly approached, is an integral part of teaching. This fine balance between teaching and research is CNSM's greatest strength. Through the combination of quality instruction, student involvement in research and strong academic advisement, CNSM provides its students with the best education possible." (fullerton.edu/NSM)

Job Control Number
10500BR

Rank & Salary
This is a tenure-track position at the rank of Assistant Professor. Salary is competitive and commensurate with experience and qualifications. Moving expenses, start-up funds, and a reduced teaching load may be available. An excellent comprehensive benefits package includes: health/vision/dental plans, spouse, domestic partner and/or dependent fee-waiver, access to campus child care, and a defined retirement benefits through the state system along with tax sheltering opportunities. For a detailed description of benefits, go to:
http://hr.fullerton.edu/payroll_benefits/HealthCarePlans.php

Appointment Date
August 12, 2019

Application Procedure
Candidates shall submit a cover letter, curriculum vita, graduate transcripts, at least three letters of reference, a teaching statement describing teaching experience and philosophy, and a research statement including areas of research interest and experience, including grant writing interest and experience. At least one letter of reference should address the candidate's teaching qualification. Applicants must submit their materials through www.mathjobs.org.

In addition, please complete an Applicant Data Flow form via this link to the CSUF secured website: https://hr.fullerton.edu/appdataflow and enter the Job Control Number listed above. Questions about the application process may be submitted to Renee Bennett at rbennett@fullerton.edu. Questions about the position may be addressed to Dr. Mori Jamshidian at mori@fullerton.edu.

Application Deadline
All complete applications received by **October 8, 2018** will receive full consideration.

The person holding this position is considered a 'mandated reporter' under the California Child Abuse and Neglect Reporting Act and is required to comply with the requirements set forth in CSU Executive Order 1083 as a condition of employment.

California State University Fullerton celebrates all forms of diversity and is deeply committed to fostering an inclusive environment within which students, staff, administrators and faculty thrive. Individuals interested in advancing the University's strategic diversity goals are strongly encouraged to apply. EEO employer. Reasonable accommodations will be provided for qualified applicants with disabilities who self-disclose.