Application Link: https://www.mathjobs.org/jobs/list/20585
Work type: Instructional Faculty – Tenure-Track
Location: Fullerton
Categories: Unit 3 - CFA - California Faculty Association

Department of Mathematics
College of Natural Sciences and Mathematics
Assistant Professor
Statistics
Fall 2023

Position Description
The Department of Mathematics at California State University, Fullerton, invites applications for a tenure-track position in Statistics at the Assistant Professor level with the appointment to begin in August 2023. Individuals interested in advancing the University's Strategic Plan, diversity, equity, and inclusion goals are particularly encouraged to apply.

CSUF faculty are committed teacher-scholars who bring research and creative discovery to life for students in classrooms, labs, and individually mentored projects. Candidates for this position must have a solid theoretical and applied background in statistics and a passion for teaching and research. Those with research interests in emerging domains are highly encouraged to apply. The successful candidate will contribute to the statistics community at Cal State Fullerton through teaching, research, professional activities, and service.

Responsibilities include:
- Teaching a wide spectrum of theoretical and applied courses in statistics and probability at both the undergraduate and graduate levels
- Contributing to curriculum development by incorporating modern statistical approaches to existing courses or creating new courses
- Conducting research resulting in publications in high-quality peer-reviewed journals
- Conducting research in a collaborative faculty-student environment
- Mentoring students and guiding them towards post-graduation success
- Serving on departmental and university-wide committees

A successful candidate will have the opportunity to participate in a transdisciplinary Center for Computational and Applied Mathematics and contribute to the growth of the Statistical Consulting Center within the College of Natural Sciences and Mathematics.

Required Qualifications
The successful candidate must:
- Have a Ph.D. in statistics or a related field. All degree requirements must be completed prior to the starting date
- Be able to contribute to the undergraduate and graduate statistics curriculum development
- Have a well-defined research agenda
- Have a demonstrated commitment to teaching and mentoring students of diverse ethnic, cultural, and socioeconomic backgrounds and the ability to communicate effectively with a culturally diverse campus community

Preferred Qualifications
- Teaching experience with a strong commitment to excellence in teaching at the undergraduate and graduate levels
- Experience or familiarity with online teaching
- Evidence of the potential to supervise undergraduate and master's level students in research
- Evidence of or a strong interest in participating in interdisciplinary, collaborative research
- Commitment to seeking external funding

Application Procedure
To receive consideration, a complete online application must be received by electronic submission via https://www.mathjobs.org/jobs/list/20585. Please provide the following required materials:
- A cover letter addressing the following
  - Required qualifications
  - Preferred qualifications, if applicable
  - What attracts you to CSUF
  - How your professional aspirations align with the department's programs and activities
- Full Curriculum Vitae
- Research statement, including a five-year research plan
- Teaching statement
- Statement on Commitment to Inclusive Excellence that addresses contributions and commitment to diversity, equity, inclusion, and social justice in mathematics teaching and learning
  - This statement provides the candidate's unique perspective on their past and present contributions to and future aspirations for promoting diversity, inclusion, and social justice in their professional careers. The purpose of this statement is to help the department identify candidates who have professional experience, intellectual commitments, and/or willingness to engage in activities that could help CSUF contribute to its mission in these areas.
- Graduate transcripts (unofficial copies accepted for application deadline – official transcripts required if hired)
- Three letters of recommendation:
  - On the references page of the online application, enter information for three referents who will provide a confidential letter of reference for your application. They will receive a request via email along with information on uploading the letter.
  - The letters should speak to the candidate's teaching and/or research potential as well as potential to be a productive member of the Department; at least one of the letters must reference the candidate's teaching potential.

Application Deadline
To be assured full consideration, all application materials must be received by **Sunday, October 2nd, 2022**. Applications received after this date may still be considered. The anticipated appointment date is August 15, 2023. Please direct all questions about the position to
Dr. Kevin Nichols at knichols@fullerton.edu.

Statistics at CSU Fullerton
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 a two-way stream on the Internet.

The Mathematics Department
The Mathematics Department has 36 tenured or tenure-track faculty members and offers an undergraduate degree program with concentrations in Statistics, Actuarial Science, Teaching Mathematics, Pure Mathematics, and Applied Mathematics. The department also offers the following graduate degree programs: M.S. in Statistics, M.S. in Applied Mathematics and M.A. in Teaching Mathematics. Extra-curricular activity is an integral part of our department culture. We maintain a strong student research presence at the Joint Mathematics Meetings, and our Putnam Team regularly scores in the top quartile. We are considered a leader in cutting-edge and inclusive pedagogical practices. Our faculty often pursue and are awarded grants to fund efforts to support our students. For more details, please visit the Mathematics Department webpage at http://www.fullerton.edu/math/.

The University and College
California State University, Fullerton is one of the largest universities 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. It ranks fifth and ninth nationally in the number of baccalaureate degrees awarded to Hispanic and minority students, respectively. CSUF is an affirmative action and equal opportunity employer with a strong commitment to increasing the diversity of the campus community and the curriculum and fostering an inclusive environment within which students, staff, administrators, and faculty thrive.

"The College of Natural Sciences and Mathematics (CNSM) is dedicated to the principle that teaching and research are intricately mixed and that undergraduate research is an integral part of education. By combining quality instruction, student involvement in research, and strong academic advisement, we transform the student experience." (http://www.fullerton.edu/NSM/)

Additional Information

Salary is commensurate with experience and qualifications. Summer research grants, moving expenses, start-up funds, and a reduced initial teaching load may be available. An excellent comprehensive benefits package is available that includes Health/vision/dental plans; spouse, domestic partner, and dependent fee-waiver; access to campus child-care; and a defined-benefit retirement through the state system along with optional tax sheltering opportunities. For a detailed description of benefits, please visit https://hr.fullerton.edu/total-wellness/.

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.

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

Reasonable accommodations will be provided for qualified applicants with disabilities who self-disclose. Notice of Non-Discrimination on the Basis of Gender or Sex and Contact Information for Title IX Coordinator (http://www.fullerton.edu/titleix/about/notice.php)