



# California State University, Fresno

College of Science and Mathematics

Mathematics

Vacancy # 12086

<http://www.csufresno.edu/csm/>

## General Information:

California State University, Fresno is one of 23 campuses in the California State University System. The University's mission is to offer high quality educational opportunities to qualified students at the bachelor's and master's levels, and in certain applied disciplines at the doctoral level. The current enrollment is approximately 20,000 students with diverse and culturally rich backgrounds. The University serves the San Joaquin Valley while maintaining deep involvement with the state, nation, and world. California State University, Fresno promotes student learning and community engagement through faculty scholarship and service learning opportunities in collaboration with community organizations, education, industry, business and government. The university was one of the first US Colleges and Universities to be selected by The Carnegie Foundation for the Advancement of Teaching for its new Community Engagement Classification.

Metropolitan Fresno, with a multi-ethnic population of over 600,000, is located in the heart of the San Joaquin Valley on the western edge of the Sierra Nevada Mountain Range. The campus is within easy driving distance of San Francisco, Los Angeles, Yosemite, Kings Canyon and Sequoia National Parks, the Monterey Peninsula, Lake Tahoe, beaches, sailing, lakes, and numerous ski resorts. Fresno boasts one of the most reasonable housing markets in California and offers a wide array of locally grown fruits and produce.

## **Mathematics: Statistics Assistant Professor**

California State University, Fresno is an engaged University, we focus on broadening students' intellectual horizons, fostering lifelong learning skills, developing the leaders of tomorrow, promoting community involvement, and instilling an appreciation of world cultures. We nurture cultural competence by celebrating the rich diversity of the campus community and welcoming the participation of all.

- ⌚ Available for Academic Year: 2014/2015.
- ⌚ Fresno State has been recognized as an Hispanic-Serving Institution (HSI); an Asian American/Native American/Pacific Islander-Serving Institution (AANAPISI); and has been designated to the Community Engagement Classification by The Carnegie Foundation for the Advancement of Teaching.
- ⌚ Faculty members gain a clear path to tenure through the University's Probationary Plan Process.
- ⌚ Salary placement depends upon academic preparation and professional experience.
- ⌚ Instructional Level: Undergraduate and Graduate

**Position Summary:** The Mathematics Department is seeking a Statistician or Probabilist to contribute to the statistics program within the Mathematics Department. The successful candidate will teach courses from the statistics and mathematics curriculum, including courses at the undergraduate and Master's degree level. Specific assignments will depend on departmental needs and candidate expertise. The successful candidate may be called upon to teach in a distance education mode and will be encouraged to develop web-enhanced and/or web-based instruction as well as courses in his or her specialty. The annual teaching load is typically 6-8 courses, depending on course units. A 50% reduction in this workload is granted in the first two years. Faculty responsibilities also include development of a research program that involves undergraduate and/or graduate students as well as service at all levels of university governance and/or to the community, including offering statistics consulting services. Outcomes assessment and service learning are important components of the university curriculum. The university supports multidisciplinary cohorts in the areas of: Globalization and World Cultures; Urban and Regional Transformation; Water Technology, Management and Quality; Physical, Psychological and Environmental Health; Multiculturalism in the United States. Candidates with research interests to participate in one of these cohorts are encouraged to express those interests in their application.

**Overview:** The College of Science and Mathematics has a diverse and accomplished group of over 150 faculty members who are dedicated to high-quality teaching, research and service to the University and the Central Valley community. Our faculty engage in disciplinary as well as interdisciplinary research collaborations in engineering, agriculture and social science. Our students come primarily from the Central Valley but also from other places around California, the U.S. and the world. With our faculty, students have many opportunities to do science in the lab, field or in the community, which help to prepare them for careers, graduate school and professional programs beyond the classroom experiences they have in their majors. The faculty in the Department of Mathematics, in addition to teaching, mathematics, are actively engaged in research in combinatorics, complex analysis, differential equations, geometry, finite geometry, group theory, topology, knot theory, numerical analysis and survival analysis.

**Faculty Responsibilities:** As educators, scholars, colleagues and community members faculty have a responsibility to uphold the standards and ethics called upon by the profession. Regular responsibilities include research, publication, and other scholarly activities, as well as advising students and engaging in service at all levels of the university. Members of the University community are expected to work effectively with faculty, staff, and students from a diverse ethnic, cultural, and socioeconomic backgrounds. The University is committed to promoting the success of all, and to reducing the barriers to success related to differences in areas such as race, ethnicity culture, disability, and more. Candidates who can contribute to the goal are encouraged to apply and identify their strengths and experiences in this area. For additional information on the University's commitment to diversity visit: <http://www.fresnostate.edu/academics/diversity>.

**Required Education:** An earned doctorate (Ph.D.) in Statistics or Probability or in Mathematics with a specialty in statistics or probability is required for appointment to a tenure track position. Candidates who are ABD may apply; however, the PhD must be completed at the time of appointment.

**Required Experience:**Evidence of, or the potential for, teaching excellence and scholarly productivity at the university level is required. A successful candidate should possess excellent oral and written communication skills, and have computer skills for instruction. The successful candidate must demonstrate a commitment and/or ability to work with diverse faculty, staff, and students. The University is committed to promoting the success of all, and to reducing the barriers to success related to differences in areas such as race, ethnicity, culture, disability, and more. Candidates who can contribute to that goal are encouraged to apply and identify their strengths and experiences in this area. For additional information on the University's commitment to diversity visit: [www.fresnostate.edu/academics/diversity](http://www.fresnostate.edu/academics/diversity) .

**Preferred Qualifications:**Preference will be given to candidates with consulting experience and familiarity with statistical software such as R, SPSS, or SAS.

**Application Procedures:**To ensure the fullest consideration, applicants should submit all application materials by 11/15/2013. All application materials should be submitted via the online site [jobs.fresnostate.edu](http://jobs.fresnostate.edu). Please mail letters of reference to the address below. Application materials include: 1) cover letter, 2) curriculum vitae and 3) three current letters of reference (dated within the last 12 months). Any correspondence should be sent to: Dr. Ke Wu, Search Committee Chair Department of Mathematics California State University, Fresno 5245 N. Backer Avenue, M/S PB108 Fresno, CA 93740-8001 Phone: (559) 278-2350 Fax: (559) 278-2872 E-mail address: [kewu@csufresno.edu](mailto:kewu@csufresno.edu)

**Other Requirements:**Pursuant to the requirements of the Immigration Reform and Control Act of 1986, any offer of employment is contingent upon verification of individual's eligibility to be employed in the United States. The Annual Safety and Security/Fire Safety Report provided in compliance with the 1998 Jeanne Clery Disclosure Act, and California Education Code section 67380. The report includes three calendar years of select campus crime statistics and it includes security policies and procedures for the campus. Applicants, students, and employees can obtain a copy of this report from the web site: [www.fresnostate.edu/police/clery/index.shtml](http://www.fresnostate.edu/police/clery/index.shtml) or by contacting the Campus Police Department. The person holding this position may be 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. You can obtain a copy of this Executive order by accessing the following web site: <http://www.calstate.edu/eo/EO-1083.html>

**Background Check:**Necessary background investigations will be completed depending on the requirements of the position. Those could include, but are not limited to, processing of fingerprints through the Department of Justice and FBI and degree and license verification. A conditional offer may be made based on the results of these verifications.

**Equal Employment Opportunity:**All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, or national origin.

The Immigration Reform and Control Act of 1986 requires the University to inform you that we can employ only U.S. citizens and aliens lawfully authorized to work in the U.S. Each new employee is required to present documentation verifying his/her identity and authorization to accept employment.