



# California State University, Fresno

College of Science and Mathematics

Mathematics

Vacancy # 13301

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

## 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. Members of the University community are expected to work effectively with faculty, staff and students from diverse ethnic, cultural and socioeconomic backgrounds. For information on the University's commitment and dedication to creating a university known for its integrity, civility, equity, respect and ethical behavior, please visit: <http://www.fresnostate.edu/academics/diversity>

- Available for Academic Year: 2018/2019.
- Fresno State has been recognized as a 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.
- California State University, Fresno is a vibrant and growing campus. When necessary, the University may decide to make more than one faculty appointment from a single search.

### Position Summary:

The Department of Mathematics in the College of Science and Mathematics at California State University, Fresno seeks applications for a tenure-track, academic year position starting at the level as an Assistant Professor, with a preferred specialty in big data analysis and/or high dimensional statistics, to contribute to the statistics program within the department. In some circumstances, exceptional faculty at higher ranks may be considered. The successful candidate will engage in teaching, supervising, and advising undergraduate/graduate students; conduct scholarly research in Statistics or Biostatistics that lead to peer-reviewed publications, presentations, and external grant submissions; and be involved in services at all levels of university governance and to the community. Teaching duties include statistics and mathematics courses at the undergraduate and graduate level and specific assignments will depend on departmental needs and candidate expertise. The annual teaching load is typically 6-8 courses, depending on course units. A reduction in the teaching load may be granted in the first two years. Faculty responsibilities also include development of a research program that involves undergraduate and/or graduate students. Special consideration will be given to applicants who have knowledge and/or experience in big data analysis and/or high dimensional statistics, although all areas of Statistics/Biostatistics will be considered.

**Overview:**

The College of Science and Mathematics has a diverse group 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 medical, engineering, agriculture and social science. Our students come primarily from the Central Valley but also from other places around California, other states, and the world. Students have many opportunities to do research with faculty, which helps to prepare them for careers, graduate school, and professional programs beyond the classroom experience. The faculty in the Department of Mathematics are actively engaged in research in areas such as combinatorics, complex analysis, differential equations, geometry, group theory, topology, knot theory, numerical analysis, survival analysis, time series analysis, and applied statistics.

**Required Education:**

An earned doctorate (Ph.D.) in Statistics, Biostatistics, or other closely-related discipline from an accredited institution (or equivalent) is required; however, applicants nearing completion of the doctorate (ABD) may be considered. For appointment, the doctorate must be completed by the date of appointment (8/16/2018).

**Required Experience:**

1. Evidence of, or potential for, teaching excellence and scholarly productivity at the university level.
2. Excellent oral and written communication skills as well as computer skills
3. Ability to demonstrate a commitment to working effectively with faculty, staff, and students from diverse ethnic, cultural, and socioeconomic backgrounds.

**Preferred Qualifications:**

1. Teaching experience at the college level;
2. Proficiency in statistical software such as R, SAS, or Python;
3. Research knowledge and/or experience dealing with big data and/or high dimensional statistics but all other areas of statistics/biostatistics will be considered as well.

**Application Procedures:**

Review of applications will begin 10/16/2017, and will continue until the position is filled. To apply, applicants must complete an online application at <http://jobs.fresnostate.edu> and attach the following:

1. Cover letter specifically addressing required experience and preferred qualifications
2. Current curriculum vitae.
3. A teaching statement.
4. A research statement.
5. Three current letters of recommendation with at least one letter addressing teaching ability.
6. Names and contact information for three professional references.

The finalists will need to submit official transcripts. For inquires, contact: Dr. Steve Chung, Search Committee Chair, Department of Mathematics, California State University, Fresno 5245 N. Backer Avenue, M/S PB108 Fresno, CA 93740-8001; Phone: (559) 278-2462; Fax: (559) 278-2872; E-mail: [schung@csufresno.edu](mailto:schung@csufresno.edu)

**Other Requirements:**

In compliance with the Annual Security Report & Fire Safety Report of Campus Security Policy and Campus Crime Statistics Act, California State University, Fresno has made crime-reporting statistics available to applicants, students, and employees on-line at <http://www.fresnostate.edu/police/clery/index.shtml>. Print copies are available by request from the Campus Police Department.

A background check (including criminal records check) must be completed satisfactorily for this position. An offer of employment may be withdrawn or employment may be terminated based upon the results of the background investigation.

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 Revised July 21, 2017 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>.

**Equal Employment Opportunity:**

California State University, Fresno is an Affirmative Action/Equal Opportunity Employer. We consider qualified applicants for employment without regard to race, religion, color, national origin, ancestry, age, sex, gender, gender identity, gender expression, sexual orientation, genetic information, medical condition, disability, marital status, or protected veteran status.