



## FACULTY EMPLOYMENT OPPORTUNITY

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### **DEPARTMENT OF MATHEMATICS and STATISTICS**

**(Tenure-Track) Assistant Professor  
Starting Fall 2018**

Refer to #104472 on all correspondence and inquiries regarding this position.

#### **OUR COMMITMENT**

Sonoma State University offers an exceptional educational experience that fosters intellectual, cognitive, social, and personal growth. As the only member of the Council of Public Liberal Arts Colleges in California, we are uniquely positioned to foster ethical exploration, civic engagement, social responsibility, and global awareness combined with a solid foundation in an academic discipline. We have a strong commitment to graduating students who have the ability to think critically and communicate effectively in an ever-changing world. The unique campus culture fosters our Seawolf Commitment to integrity, respect, excellence, and responsibility and is integrated into all campus life. We nurture inclusive excellence through a celebration of the rich diversity of our local communities and our interconnected global economy. Members of the University community are expected to work effectively with faculty, staff, and students from diverse ethnic, cultural, and socioeconomic backgrounds. SSU is especially interested in candidates who make contributions to equity and inclusion in the pursuit of excellence in teaching, scholarship, and service.

#### **THE UNIVERSITY**

Sonoma State University's beautiful 274-acre campus is located in Sonoma County wine country, an hour north of San Francisco. The campus offers the ideal setting for teaching and learning and access to a community of rich cultural, environmental, and recreational opportunities. Founded in 1960, Sonoma State University is one of the 23 campuses of the California State University System. As members of the largest public higher educational system in the nation, we provide accessible, high quality education to more than 9000 students. Sonoma State University is proud to be a Hispanic Serving Institution committed to achieving the goals of equal opportunity and endeavors to employ faculty and staff reflecting the ethnic and cultural diversity of the region and state.

#### **FACULTY RESPONSIBILITIES**

In addition to teaching and scholarship, faculty are expected to engage in service to the department, school, and community. Sonoma State is committed to the Teacher/Scholar model and places an emphasis on faculty support of undergraduate research. Faculty are also encouraged to participate in our distinctive, high-impact Freshman and Sophomore year programs and to foster our commitment to the CSU Graduation Initiative 2025 through excellent teaching, advising, and mentoring. Potential applicants are encouraged to review the University's Reappointment, Tenure and Promotion Policy. All faculty are required to have the ability to work effectively in a multicultural environment.

#### **THE DEPARTMENT**

The faculty in the Department of Mathematics and Statistics are passionate about student learning. The Department's faculty value an active and collaborative teaching and learning environment, with a special focus on eliminating achievement gaps and serving an increasingly diverse student body (currently over half our majors are women and over a third are under-represented minority students). The Department supports innovation in

teaching techniques and pedagogy. The Statistics curriculum incorporates active learning environments through simulations and hand-on student activities. The Department engages in collaborations with faculty in other departments such as team-teaching in our interdisciplinary STEM Freshman Year Experience and coordinating actuarial career preparation.

Majors in the Department of Mathematics and Statistics may pursue a B.S. or a B.A. degree in mathematics or statistics, including concentrations in applied statistics and bi-disciplinary mathematics. The Department's objectives include providing students with a broad, fundamental background in mathematics or statistics and their applications to prepare them to work in education or industry, conduct research, or pursue graduate study. The Department also serves an important role by providing key courses in the University's general education program and courses that support other majors. The Department is very engaged with K-12 schools and teachers in Northern California, including extensive grant-funded professional development activities.

Prospective applicants are encouraged to examine the Department's webpage: <http://www.sonoma.edu/math/>

## **DUTIES OF THE POSITION**

The Department of Mathematics and Statistics within the School of Science and Technology at Sonoma State University (SSU) is seeking a highly motivated teacher/scholar in statistics or statistics education. Exceptional candidates in other areas of mathematics and statistics may also be considered, for example those with experience in areas such as data analytics or biostatistics. The available tenure-track position is at the rank of assistant professor and requires a Ph.D. in statistics or a Ph.D. in mathematics with a Masters degree in statistics or its equivalent, or a Ph.D. in statistics education with a Masters in statistics or its equivalent, or a closely related field. The successful candidate should have a demonstrated record of excellence and innovation in undergraduate teaching and be actively engaged in scholarly work.

The selected candidate will be expected to teach a variety of undergraduate statistics and/or mathematics courses as appropriate for their expertise. Examples could include statistics major courses, such as statistical programming and consulting, general education courses, calculus sequence courses, and mathematics major courses. The selected individual should be committed to teaching a diverse group of undergraduates, including groups historically underrepresented, and groups who may have experienced discrimination. This individual should demonstrate sensitivity, knowledge, and understanding of the diverse academic, socioeconomic, gender, cultural, disability, and ethnic backgrounds of the students we serve.

The total teaching assignment each semester is approximately 12 credit hours, with a reduced semester teaching load of approximately 9 credit hours a semester for the first two years. However, if successful in obtaining external funds, the successful candidate may teach fewer units. Faculty members in the Department of Mathematics and Statistics are also expected to participate in developing the Department's curricula and to maintain a program of scholarship.

In addition to teaching and scholarship, faculty are expected to engage in academic advising, to assist the department with program assessment, administrative and/or committee work, and to serve on campus-wide committees. Sonoma State is committed to the Teacher/Scholar model and places an emphasis on faculty support of undergraduate research. The selected individual will be committed to teaching a diverse group of undergraduates and supervising undergraduate research projects.

## **PROFESSIONAL QUALIFICATIONS**

To be recommended for appointment, the candidate must have:

A Ph.D. in Statistics, Statistics Education, Mathematics, or other related field is required. Preference will be given to candidates with a Ph.D. in statistics, or a Ph.D. in mathematics with a Masters degree in statistics or its equivalent, or a Ph.D. in statistics education with a Masters in statistics or its equivalent. The successful

candidate should have a demonstrated record of excellence and innovation in undergraduate teaching and be actively engaged in scholarly work. Teaching experience at the undergraduate level is desired but not required.

To be recommended for tenure, the candidate must demonstrate satisfactory performance in four areas: teaching effectiveness; scholarship, research, and creative achievement; service to the University; and public service and service to the community. Although tenure may be granted at any time, contract provisions specify that “the normal period of probation shall be a total of six (6) years of full-time probationary service and credited service, if any. Any deviation from the normal six (6) year probationary period shall be the decision of the President following his/her consideration of recommendations from the department or equivalent unit and appropriate administrator(s).” Tenure is required for promotion above the level of Associate Professor.

## **RANK AND SALARY**

Salary, service credit, and rank (when appropriate) depends upon academic preparation and professional experience.

The approximate salary range for this position is: \$78,000 - \$82,000

## **HOW TO APPLY**

To apply for this position, go to [www.sonoma.edu/jobs](http://www.sonoma.edu/jobs) and select Job Opportunities. If you are not currently employed at Sonoma State University, select the External Applicants box. You will be redirected to a list of all available jobs at Sonoma State University. Find and select the faculty position you are applying for to view the description and select Apply Now. If you have not applied for a job at Sonoma State University previously you will be asked to Register Now in order to proceed. After submitting the application letter and curriculum vitae, please proceed to My Career Tools to attach the additional required documents. Your statement of research interests may be a statement of scholarship and/or creative activity if appropriate to your discipline. PDFs are the preferred format for all submissions. Once you have submitted all materials, a confirmation email will be automatically sent to you. If you encounter difficulties during the application process, please email [facultysearch@sonoma.edu](mailto:facultysearch@sonoma.edu). Applications submitted to the faculty search email address will not be considered, so please use [the www.sonoma.edu/jobs](http://www.sonoma.edu/jobs) link above.

Please submit:

### **Required**

- Application letter
- Curriculum vitae

### **Additional Required Documents**

- Statement of Research Interests
- Teaching Philosophy
- Student Evaluations, if available
- Contact Information for three (3) References to be contacted by the committee members
- Diversity Statement (may be included in application letter): Please also submit a brief statement that addresses your professional and/or community-based experiences and teaching practices that prepare you to educate and support students often underserved by higher education.
- Unofficial Transcripts from relevant institutions

Letters of Recommendation will be requested from finalists only.

Official transcripts may be required at the time of hire.

Sonoma State University hires only individuals lawfully authorized to work in the United States. All offers of employment are contingent upon presentation of documents demonstrating the appointee's identity and eligibility to work, in accordance with the provisions of the Immigration Reform and Control Act. A background check (including a criminal records check) must be completed satisfactorily before any candidate can be offered a position with the CSU.

## **APPLICATION DEADLINE**

Applications received by November 27, 2017 will be given full consideration. The position will remain open until filled.

Questions concerning this position may be directed to:

Dr. Brigitte Lahme, Search Committee Chair  
lahme@sonoma.edu  
(707) 664-2368

Questions concerning the application process may be directed to: [facultysearch@sonoma.edu](mailto:facultysearch@sonoma.edu).

#104472 PLEASE REFER TO THIS NUMBER ON ALL CORRESPONDENCE AND INQUIRIES REGARDING THIS POSITION.

## **OTHER INFORMATION**

The university 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.

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.

[View Benefits Summary](#)



## **SONOMA STATE UNIVERSITY**

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