


Assistant Professor of Statistics

Posting Details

Posting Details

Logo	
Institution	South Dakota State University
Working Title	Assistant Professor of Statistics
Posting Number	F01338P
Department	SDSU-Mathematics & Statistics
Physical Location of Position (City)	Brookings
Posting Text	<p>The Department of Mathematics and Statistics invites applications for two nine-month, full-time, tenure-track faculty assistant professor positions in statistics. Principal duties include research, teaching, and outreach with an emphasis on statistical learning, Bayesian statistics, response surface modeling, nonparametric inference, causal inference, statistical design, spatial statistics, time series analysis, or related area. Candidates will join a diverse and active team of Mathematics and Statistics faculty members supporting the Ph.D. in Computational Science and Statistics, Master's degree in Statistics, Master's and Bachelor's degrees in Data Science, and Master's and Bachelor's degrees in Mathematics. Exceptional candidates may be eligible for additional funding provided by the CAPITAL Services Statistical Learning Scholar position. More information on the CAPITAL position is available here.</p> <p>South Dakota State University promotes access to and opportunities for all to receive the benefit of and participate in education, research, and service and is especially interested in candidates that can contribute to this land-grant mission of access.</p> <p>RESPONSIBILITIES: Responsibilities include research, teaching and advising in undergraduate and graduate programs, and service and outreach to the campus and the region. Typical duties include teaching three to six credits per semester of undergraduate and graduate courses. Research duties include developing and maintaining a regionally relevant research program, developing external collaboration and outreach, and pursuing external research funding and graduate student support. Excellence in teaching and enthusiasm for mentoring students is expected.</p> <p>BENEFITS: The university is part of a dynamic community for families, students, young professionals, and retirees, which offers an abundance of attractions and activities. South Dakota State University offers a wide range of excellent benefits including medical, dental, and flexible benefits, retirement plans, compensation packages, paid holidays, and vacation leave. Employees also have access to internal and state-sponsored training as well as reduced tuition for state-supported courses at all State of South Dakota academic institutions.</p> <p>MINIMUM QUALIFICATIONS include:</p> <ul style="list-style-type: none">• Ph.D. in statistics, data science, mathematics, or closely related field by the starting date of the appointment.• Broad understanding of statistical theory and practice with research focus in statistical learning, Bayesian statistics, causal inference, nonparametric inference, response surface modeling, spatial statistics, statistical design, time series analysis, or related area.• Excellent written and verbal communication skills; and excellent collaborative and interpersonal skills.• Potential to be an effective teacher and mentor.

	<ul style="list-style-type: none"> Potential to develop and maintain externally funded scholarly research and publication. <p>APPLICATION PROCESS: South Dakota State University accepts applications through an online employment site. To apply, visit: https://yourfuture.sdbor.edu, search by the position title, view the job announcement, and click on “apply for this job.” This system will guide you through the electronic application form. This employment site will also require the attachment of a cover letter, which should specifically address how the candidate meets the qualifications as outlined in the advertisement, Curriculum Vitae, transcript for terminal degree and a reference page with the contact information for three professional references. Email applications will not be accepted. Please contact South Dakota State University Human Resources at 605-688-4128 if you require assistance with this process.</p> <p>Any offer of employment is conditioned upon the university’s verification of credentials and other information required by law and/or university policies, including but not limited to, successful completion of a criminal background check.</p> <p>South Dakota State University is a tobacco free environment. It is university policy to maintain a drug-free environment and to thereby establish, promote, and maintain a safe and healthy working and learning environment for employees and students. This position is subject to South Dakota State University’s Drug and Alcohol Testing Policy 4:14.</p>
Posting Date	10/25/2023
Closing Date	
Open Until Filled	Yes
First Consideration Date	12/08/2023
Advertised Salary	Commensurate with qualifications.
Duration of the Term	9 months
If Other, describe duration	
Appointment Percent	100
Tenure Status	Tenure Track
Proposed Rank	Assistant Professor
Work Hours	
Typical Hours Worked Per Week	
Appointment Type	Regular
Scope of Search	External (includes Internal)
If internal, define scope of search	
Department Description and Cultural Expectations	<p>South Dakota State University is the state’s largest, most comprehensive university with more than 200 academic programs, an enrollment of approximately 12,000 students, and over \$60 million annual research expenditures.</p> <p>SDSU offers a rich academic experience in an environment of inclusion and access through inspired, student-centered education, creative activities and research, innovation and engagement that improve the quality of life in South Dakota, the region, the nation and the world. Its employees embrace the university’s core values of being people-centered, expanding knowledge through creativity, embracing organizational and personal integrity, commitment to diversity of thought, and excellence through continuous improvement.</p>

	<p>The Department of Mathematics & Statistics currently has 19 tenure-track faculty, 10 full-time instructors, 70 graduate students, and 175 undergraduate majors. The department currently offers a B.S. and M.S. in Mathematics, an M.S. in Statistics, a B.S. and M.S. in Data Science, and a Ph.D. in Computational Science and Statistics.</p> <p>As the state's 1862 Morrill Act land-grant institution, the work of South Dakota State University is carried out on its main resident campus in Brookings, at sites in Sioux Falls, Pierre, Rapid City, and Aberdeen, and through Extension offices and Agricultural Experiment Station research sites across South Dakota.</p> <p>Jackrabbits Athletics competes as an NCAA Division I member with membership in the Missouri Valley Football Conference, the Summit League and the Big XII for wrestling.</p> <p>Brookings is home to approximately 24,000 residents and is located 60 miles north of Sioux Falls and 200 miles west of Minneapolis. Livability.com rates Brookings as an ideal community for families, students, young professionals and retirees. It considers Brookings among the safest and most vibrant cities in South Dakota.</p> <p>The Brookings Public School District educates approximately 3,300 K-12 students and ranks among the state's highest academic achieving school districts. The district includes three elementary schools, an intermediate school for fourth and fifth grade, one middle school and a high school.</p> <p>The city also boasts an abundance of attractions and activities, including the Children's Museum of South Dakota, Dakota Nature Park, South Dakota Art Museum, McCrory Gardens, South Dakota Agricultural Heritage Museum, Outdoor Adventure Center and the Brookings Summer Arts Festival.</p>
Equal Employment Opportunity Statement	<p>South Dakota State University promotes access to and opportunities for all to receive the benefit of and participate in education, research, and service and is especially interested in candidates that can contribute to this land-grant access mission. SDSU is an affirmative action, equal opportunity employer. All qualified applicants will receive consideration without regard to, and SDSU prohibits discrimination on, the basis of, sex, race, color, creed, national origin, ancestry, citizenship, gender, gender identity, sexual orientation, marital status, pregnancy, religion, age, disability, genetic information, veteran's status, or any other status that may become protected in the offering of all educational programs and employment. Arrangements for accommodations required by disabilities can be made by emailing HR@sdstate.edu. Individuals with concerns regarding discrimination should contact: Equal Opportunity Officer/Title IX Coordinator, Human Resources, Morrill Hall 100, SDSU, Brookings, SD 57007. Phone: (605) 688-4128.</p>
Contact Information	<p>For questions on the position, contact: Dr. Semhar Michael, Search Committee Chair at 605-688-6196 or Semhar.Michael@sdstate.edu.</p>

Working Conditions

Cognitive Requirements

Please check the appropriate response that describe the cognitive requirements for this position.	Analyzing, Comprehend, Frequent Change, Intense Customer Interaction, Logic, Memory, Multiple Priorities, Multiple Stimuli, Pace-average, Perform calculations, Reading, Reasoning, Verbal Communication, Written Communication
--	---

Protective Clothing/Equipment

Please check the appropriate response for this position's use of the following protective clothing or equipment.	
If other protection is used please identify	

Physical Requirements

Please designate the physical requirements of this position	Fine Finger Manipulation (keyboarding, pipefitting, bench work, etc), Lifting light, Sitting for sustained periods of time, Standing for sustained periods of time
Describe any of the	This person will work in an office with computer and teach in a classroom.

conditions selected	
Sensory Requirements	
Please check the appropriate response that describe the sensory requirements for this position.	Hearing, Speaking, Vision (With and without corrective lenses)
Working Conditions & Exposures	
Working Conditions or Exposures (or potential exposures) that this position may encounter during the course of the work day.	
Please describe, in more detail, any of the conditions checked above	
Working Environment	
Check the appropriate box(es) that best describes the environment in which the primary function of the position is performed.	Classroom Environment, Office Environment
If you have indicated Other Environment, if work tasks involve one or more of the above, or if further explanation is necessary, please use the space provided.	This person will work in an office with computer and teach in a classroom.

Supplemental Questions

Required fields are indicated with an asterisk (*).

1. How did you hear about this employment opportunity?

- Public Job Posting
- Internal Job Posting
- Agency Referral
- Advertisement/Publication
- Personal Referral
- Website
- Other

Documents Needed to Apply

Required Documents

1. Cover Letter
2. Curriculum Vitae
3. Transcripts
4. Reference List

Optional Documents