Tenure-Track Assistant Professor
Department of Mathematics and Statistics
Missouri University of Science and Technology
Rolla, Missouri

The Department of Mathematics and Statistics at Missouri University of Science and Technology (Missouri S&T) invites applications for the position of a tenure-track assistant professor position in statistical data science, with an anticipated starting date of August 2024.

The department seeks a promising scholar in data science, with either a strong graduate training or a solid publication record in statistical data science theory and methodology. Applicants must have a Ph.D. in data science, statistics, mathematics, or a closely related discipline, by the time of appointment. They should have demonstrated excellence in research and a strong commitment to teaching.

Statistics is one of the two core competency areas outlined in the department's strategic plan and data science is a priority growth area. The successful candidate will be expected to develop a research program in statistical data science, mentor graduate students on research in this area, explore opportunities to collaborate with faculty in other disciplines, contribute to data science and statistics education at both the undergraduate and graduate levels, and engage in data science initiatives on campus.

Data science is a priority for the department, the college, and the university. This is one of the hires in the general area of data science this year, and we anticipate additional positions in this field in the coming years. Information about the research of Department of Mathematics and Statistics at Missouri S&T can be found at: https://math.mst.edu/research/currentresearch/.

To facilitate the screening process, please submit the following materials to the AMS MathJobs site (https://www.mathjobs.org/jobs/list/23058).
1. Curriculum Vitae
2. Research statement
3. Teaching statement
4. Four reference letters, including at least one addressing the candidate's teaching aptitude
Applicants must also submit items 1-3 online through Missouri S&T's Human Resources (HR) Office website (https://hr.mst.edu/careers/academic-employment/) to Position #00086804. Hard-copy applications will not be accepted.

For full consideration, applications should be received by October 27, 2023. Applications will continue to be reviewed until the position is filled.

The Department of Mathematics and Statistics consists of 14 tenured and tenure-track faculty and 5 ranked non-tenure-track teaching faculty. The research interests of the faculty range over many areas, including statistics, computational and applied mathematics, analysis and differential equations, and others. The department plays an important role on the engineering-focused campus of Missouri S&T, both in terms of interdisciplinary interactions with other departments and in the training of a large number of undergraduate students in fundamental areas such as calculus, differential equations, linear algebra, and statistics. The department has B.S., M.S., and Ph.D. programs, with about 40 graduate students (the majority being doctoral students) and approximately 80 undergraduate majors. The Ph.D. program has three emphasis areas: mathematics, computational and applied mathematics, and statistics. Additional details about the department can be found at the department website: http://math.mst.edu/.

Missouri University of Science and Technology is one of the nation's leading technological research universities. One of four campuses of the University of Missouri System, Missouri S&T is a *U.S. News & World Report* top-100 public national university. With its reputation as one of the leading engineering campuses in the country and its emphasis on applied science, Missouri S&T attracts high-quality students from across the nation. Home to many outstanding researchers in engineering and science and 10 interdisciplinary research centers and six research consortia, the University provides an abundance of opportunities for collaborative research. Missouri S&T has recently established the Kummer Institute and the Kummer College of Entrepreneurship, Innovation, and Economic Development as a result of a $300 million gift from Fred and June Kummer, longtime benefactors of the university. This transformative gift will create abundant opportunities to expand degree offerings, establish additional interdisciplinary research centers, foster expansion of academic-industry partnerships, and create economic growth for the region. The Department of Mathematics and Statistics will be a significant partner in Kummer-related research and curricular initiatives. Located about 100 miles southwest of St. Louis in the multicultural community of Rolla, Missouri, S&T is an accessible, safe, and friendly campus surrounded by Ozarks scenery.

Minimum Qualifications
Ph. D. in data science, statistics, mathematics, or a closely related discipline, by the time of appointment.

Preferred Qualifications
A strong graduate training or a solid publication record in statistical data science theory and methodology. Demonstrates excellence in research and a strong commitment to teaching.

Comments
We value the uniqueness of every individual and strive to ensure each person's success. Contributions from individuals with diverse backgrounds, experiences and perspectives promote intellectual pluralism and enable us to achieve the excellence that we seek in learning, research and engagement. This commitment makes our university a better place to work, learn and innovate.

In your application materials, please discuss your experiences and expertise that support these values and enrich our missions of teaching, research and engagement.

The final candidate is required to provide copies of official transcript(s) for any college degree(s) listed in application materials submitted. Copies of transcript(s) should be provided prior to the start of employment. In addition, the final candidate may be required to verify other credentials listed in application materials.

Failure to provide official transcript(s) or other required verification may result in the withdrawal of the job offer.

All job offers are contingent upon successful completion of a criminal background check.

Equal Opportunity is and shall be provided for all employees and applicants for employment on the basis of their demonstrated ability and competence without unlawful discrimination on the basis of their race, color, national origin, ancestry, religion, sex, pregnancy, sexual orientation, gender identity, gender expression, age, disability, protected veteran status, or any other status protected by applicable state or federal law. This policy shall not be interpreted in such a manner as to violate the legal rights of religious

organizations or the recruiting rights of military organizations associated with the Armed Forces or the Department of Homeland Security of the United States of America.

The University's nondiscrimination policy applies to any phase of its employment process, any phase of its admission or financial aid programs, or other aspects of its educational programs or activities. Further, this policy applies to sexual violence or sexual harassment, both forms of sex discrimination, occurring within the educational program and instances occurring outside of the educational program if the conduct negatively affects the victim's educational experience or the overall campus environment.

Any person having inquiries concerning the application of Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Americans with Disabilities Act of 1990 or other civil rights laws should contact the Title IX Coordinator.

Know Your Rights

To read more about Equal Employment Opportunity (EEO) please use the following links:

- Know Your Rights English Version
- Know Your Rights Spanish Version