

Kummer Endowed 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 invites applications for a Kummer Endowed Professorship, with an anticipated start date of August 2024. The department seeks a mathematician or statistician who is an excellent scholar with a strong research record in data science and who has great potential to elevate the department's prestige, advance the department's data science initiatives, and be a leader in the department.

Applicants must have a Ph.D. in mathematics or statistics or a closely related discipline and must hold the rank of full professor or be qualified for tenure and appointment to the rank of full professor at the time of appointment. They should have an outstanding portfolio of scholarship evidenced by a strong record of publication and related funding, as well as a strong record of excellence in teaching and mentoring students at all levels.

The Kummer Endowed Professor should have great potential to:

- Play a leading role in continuing to develop a well-recognized interdisciplinary data science research program across the university;
- Bring recognition to the department both on campus and nationally through data science-related publications and external funding;
- Engage with the Kummer Institute (<https://kummerinstitute.mst.edu/>), research centers, and other academic departments on campus to initiate and sustain data science research and education collaboration efforts;
- Provide leadership and vision in the continued development of data science courses and degree programs led by the department in collaboration with others;
- Work with faculty colleagues to enhance the educational experience and future employment opportunities for students.
- Encourage diversity in our students and faculty.

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 the Department of Mathematics and Statistics at Missouri S&T can be found at: <https://math.mst.edu/research/currentresearch/>

Applicants must submit the following materials to the AMS MathJobs site

(<https://www.mathjobs.org/jobs/list/23056>):

1. Cover letter outlining the candidate's qualifications for the position, vision for data science research and education initiatives at Missouri S&T, and leadership experience;
2. Current curriculum vitae;
3. Research statement, with a specific focus on data science;
4. Education statement, with a specific focus on data science;
5. Contact information for at least four references.

In addition, applicants must submit the first four items to Missouri S&T's Human Resources (HR) Office website (<https://hr.mst.edu/careers/academic-employment/>) to Position #00083283. Hard-copy applications will not be accepted.

For full consideration, applications should be received by 11/15/2023. 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. Missouri S&T is an inclusive, welcoming community. We seek to build a creative learning environment marked by openness, understanding, and valuing all people and perspectives. 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.

Home to many outstanding researchers in engineering and science as well as 10 interdisciplinary research centers and six research consortia, the University provides an abundance of opportunities for collaborative research, including data-intensive and computational approaches to science, engineering and business. 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 is creating abundant opportunities to expand degree offerings, establish additional interdisciplinary research centers, foster the 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.

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 the 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 the 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](#)