The Department of Mathematics and Statistics at Missouri University of Science and Technology (Missouri S&T) invites applications for a Kummer Endowed Full or Associate Professorship, with an anticipated start date of August 2025. The department seeks an excellent scholar with a mathematical or statistical research focus in data science, including machine learning, artificial intelligence, and other data-driven research areas.

Data science is a priority for the department and the university. We anticipate hiring additional positions in this field in the near future. There is a strong group of faculty members within the department engaged in data science related research and teaching, as well as a rich culture of interdisciplinary data science related research collaborations. 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/.

The Department of Mathematics and Statistics consists of 15 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. 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 information about the department can be found at the department website: http://math.mst.edu/.

Qualifications
Applicants must have a Ph.D. in mathematics or statistics or a closely related discipline and must hold the rank of full or associate professor. They should have an outstanding portfolio of scholarship evidenced by a strong record of publication and external funding, as well as a strong record of excellence in teaching and mentoring students at all levels. Preference will be given to applicants who demonstrate the potential to secure substantive external funding for data science research, engage in interdisciplinary data-driven research, and significantly contribute to the department’s data science educational efforts. The successful candidate is expected to play a significant role in partnership with the Kummer Institute (https://kummerinstitute.mst.edu/) in leading data science research and education initiatives on campus.
Application Materials
Applicants must submit the following materials to two places: (1) Missouri S&T's Human Resources (HR) Office website (https://hr.mst.edu/careers/academic-employment/) to Position #00083283 and (2) the AMS MathJobs site (https://www.mathjobs.org/jobs):

1. Cover letter outlining the candidate’s qualifications and interest in the position;
2. 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.

The review of applications will begin on 10/15/2024. We will continue to accept and consider applications until the position is filled. Inquiries about the position may be directed to the search committee chair, Dr. Gayla Olbricht, at OlbrichtG@mst.edu.

Community Information
University Information
Missouri S&T is one of the nation’s leading research universities with over 100-degree programs in 39 disciplines. It was founded in 1870 as one of the first technological institutions west of the Mississippi River. Located about 100 miles west of St. Louis in the multicultural community of Rolla, Missouri S&T is an accessible, safe, and friendly campus surrounded by Ozarks’ scenery. Missouri S&T offers undergraduate degrees in engineering, the sciences, liberal arts, humanities, and business, with M.S. and Ph.D. programs available in many of the science and engineering programs. With over 7,000 students and 300 faculty, Missouri S&T is big enough to accommodate a diverse population, yet small enough for individuals to build high visibility and impactful careers.

KUMMER
Established in 2022, The Kummer College serves as a pathbreaking model for social impact, technology transfer, and interdisciplinary collaboration within a future-oriented STEM-focused university. Supported by the Kummer Institute Foundation at Missouri S&T, this unique college integrates key academic, co-curricular, and administrative activities related to technology commercialization, business innovation and entrepreneurship, systems thinking, and economic development. Within The Kummer College lives several departments: Department of Business and Information Technology (BIT), Department of Economics, Department of Engineering Management and Systems Engineering (EMSE), Kummer Student Programs and the Division of Technology Transfer and Economic Development (TTED).

CASE
The College of Arts, Sciences, and Education is a catalyst of innovation, creativity, and discovery, where students and faculty work side-by-side to create and share knowledge and understanding. From arts and humanities to the natural and social sciences, the College of Arts, Sciences, and Education has a program for everyone. The College of Arts, Sciences, and Education (CASE) is made up of eleven units including Air Force ROTC, Army ROTC, Arts, Languages and Philosophy, Biological Sciences, Chemistry, English and Technical Communication, History and Political Science,
Mathematics and Statistics, Physics, Psychological Science, and Education. The college is home to over 90 tenured/tenure-track and 44 non-tenure-track faculty members. CASE offers more than 85 different academic options including certificates, minors, bachelor's, master's, and doctoral degrees.

About Rolla
Rolla, Missouri offers several great advantages that help individuals enjoy a high quality of life. Rolla is an ideal place for families, with its low cost of living, excellent schools, safe neighborhoods, and a range of recreational activities suitable for all ages. The Ozark Scenic Riverways and beautiful landscapes offers abundant opportunities for outdoor enthusiasts of every lifestyle. With a vibrant and diverse cultural scene, Rolla hosts multiple events, concerts, art exhibitions, and theater performances throughout the year. The university’s Leach Theatre showcases nationally renowned performers for campus and community alike. Overall, living in Rolla offers a high quality of life with a supportive community, affordable living, beautiful natural surroundings, and numerous opportunities for personal and professional growth.

Benefit Eligibility
This position is eligible for University benefits. As part of your total compensation, the University offers a comprehensive benefits package, including medical, dental and vision plans, retirement, and educational fee discounts for all four UM System campuses. For additional information on University benefits, please visit the Faculty & Staff Benefits website at https://www.umsystem.edu/totalrewards/benefits.

Values Commitment
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.

Equal Employment Opportunity
The University of Missouri System is an Equal Opportunity Employer. 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, or protected veteran status, or any other status protected by applicable state or federal law. This policy applies to all employment decisions including, but not limited to, recruiting, hiring, training, promotions, pay practices, benefits, disciplinary actions and terminations. For more information, visit https://www.umsystem.edu/ums/hr/eeo or call Human Resources at 573-341-4241.

To request ADA accommodations, please call the Office of Equity & Title IX at 573-341-7734.