Open Position in Data Science at Missouri University of Science and Technology
Endowed Professor of Mathematics and Statistics

The Department of Mathematics and Statistics at Missouri University of Science and Technology invites applications for a <u>Kummer Endowed Professorship</u>, with an anticipated start date of August 2023. The department seeks a mathematician or statistician who is an exceptionally qualified scholar with a strong and established research record in data science and who will 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 candidate should also exhibit a clear and demonstrated commitment to diversity, equity, and inclusion.

The Kummer Endowed Professor will be expected to:
● Play a leading role in continuing to develop a well-recognized data science research program in the department;
● 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 units 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 in the department;
● Work with department faculty to enhance the educational experience and future employment opportunities for students;
● Work to increase diversity in our students and faculty.

This hire is part of a cluster hire that is bringing several new faculty members to the department in related areas, including the inaugural Gary W. Havener Endowed Department Chair who will join the department in Fall 2022. Information about the research of Department of Mathematics and Statistics at Missouri S&T can be found at
https://math.mst.edu/research/currentresearch/

An applicant must submit the following materials online through both AMS MathJobs site and Missouri S&T's Human Resources (HR) Office website (https://hr.mst.edu/careers/academic-employment/) to Position #00083283:
● 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;
● Current curriculum vitae;
● Research statement, with a specific focus on data science;
● Education statement, with a specific focus on data science;
● Statement on diversity, equity, and inclusion.

In addition to these items, contact information for at least four references should be made available to the department through the AMS MathJobs site. Hard-copy applications will not be accepted.

For full consideration, applications should be received by 1/9/2023. The review process will continue until the position is filled.

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.

The Department of Mathematics and Statistics consists of 14 tenured and tenure-track faculty and 4 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.

Missouri S&T is an AA/EEO institution and does not discriminate on the basis of 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. Women, minorities, and persons with disabilities are encouraged to apply. Missouri S&T seeks to meet the needs of dual-career families. Missouri S&T participates in E-Verify; for more information, please contact DHS at: 1-888-464-4218.

Application Materials Required:
> **Submit** the following items online at this website to complete your application:

- Cover letter
- Curriculum Vitae
- Research statement
- Education Statement
- Statement on diversity, equity, and inclusion
- Reference (no actual letters, just names and email addresses ❓)

> **And anything else requested in the position description.**

Further Info:
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