



# Engineering Management and Systems Engineering Fred and June Kummer Endowed Department Chair Missouri University of Science and Technology

Missouri University of Science and Technology (Missouri S&T), one of the nation's top technological research universities, invites nominations and applications for the position of the Fred and June Kummer Endowed Department Chair of Engineering Management and Systems Engineering (EMSE).

## Position Description

The EMSE Department seeks an exceptionally qualified leader with proven skills and experience commensurate with the academic management duties of a department chair. The candidate is required to have a strong publication record; demonstrated leadership skills to advance Missouri S&T toward R1 Carnegie University Classification status through research growth; evidence of effective teaching and commitment to excellence in teaching at the undergraduate and graduate level; experience conducting and fostering interdisciplinary research/education; and experience leading and mentoring students, staff, and faculty.

As a Kummer Endowed Department Chair, the selected candidate will fulfill the required role of Kummer Endowed Chairs as outlined in <https://kummerinstitute.mst.edu>. The Kummer Institute was recently established through a \$300 million transformative gift that will cultivate leadership and technological innovation, nurture an entrepreneurial mindset, foster expansion of academic-industry partnerships to address the emerging needs of industry, and create economic growth for the region, state, and nation.

## Minimum Qualifications

- An earned doctoral degree in Systems Engineering or Industrial Engineering or Engineering Management or in a related discipline from an accredited university
- Academic credentials commensurate with appointment as a tenured full professor

## Preferred Qualifications

- An internationally recognized reputation in Systems Engineering, Engineering Management, Industrial Engineering or a closely related discipline
- Extensive experience in building and funding a strong research program with large research grants and high-quality journal publications, as well as teaching experience in the industrial engineering, systems engineering or engineering management areas
- Experience and knowledge in ABET/EAC accreditation of undergraduate programs
- A strong record of research funding from a variety of organization/agency sources
- A willingness to travel for the benefit of the department, including alumni development and industry outreach

- Strong verbal and non-verbal communication skills and an ability to work in an interdisciplinary setting
- Demonstrated excellence in mentoring and supporting faculty in their research and teaching activities
- A record of successful budgetary and personnel management
- Ability to represent the department in both academic and industry research settings
- A demonstrated record of ethical performance
- Demonstrated ability to set clear and consistent strategies and vision for future growth
- Leadership and commitment to student learning success including proven ideas to increase student enrollment and graduation success
- A demonstrated commitment to fostering an environment of diversity, equity, and inclusion

## Application Process

Interested candidates should apply at <https://hr.mst.edu/careers/>. The application materials should include 1) Cover Letter outlining the candidate's qualifications for the position, with particular focus on the candidate's contributions to research, teaching, and leadership; 2) Current Curriculum Vitae; 3) Diversity and Inclusion Statement; and 4) Complete contact information for at least five references to Missouri S&T's Human Resources Office at: <https://hr.mst.edu/careers/academic-employment/>. Review of applicants will begin on November 15, 2022 and will continue until the position is filled. Persons selected for the position may be required to provide verification, prior to employment, of the credentials stated in application materials submitted. The final candidate is required to provide official transcript(s) for the terminal degree listed in the application materials submitted. Copies of transcript(s) must 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 might result in the withdrawal of a job offer.

## About the EMSE Department

The department offers ABET accredited BS, and MS, and PhD Degrees in Engineering Management and MS and PhD degrees in Systems Engineering and is solely housed in the Engineering Management Building, with available lab, office, and classroom space. The department maintains an active research program with recent grants from funding sources such as NSF, NIH, USDOE, USDoD, USDOT, and The Boeing Company. Missouri S&T is located in Rolla, Missouri, and offers abundant outdoor recreational opportunities and easy access to metropolitan areas and the beautiful Ozark Mountain region. Information about the department and university can be found at: <https://emse.mst.edu/> and <https://www.mst.edu/>.

Missouri S&T and the greater University of Missouri System are deeply committed to diversity, equity, and inclusion. Missouri S&T has undertaken many initiatives to improve campus life and the work-life balance of its faculty and staff Missouri S&T seeks to meet the needs of dual-career couples.

Missouri S&T is one of the nation's leading research universities with 100 degree programs in 39 disciplines. It was founded in 1870 as one of the first technological institutions west of the Mississippi. 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 and master's degrees in biological sciences, business administration and technical communication. With over 7,000 students enrolled on campus and online, Missouri S&T is big enough to accommodate a diverse population, yet small enough for individuals to build high visibility and impactful careers.