

Professor, Tenure Track - Mechanical Engineering
University of South Carolina

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Posted Apr. 3, 2024, set to expire Aug. 2, 2024

Job Title Professor, Tenure Track - Mechanical Engineering
Department Mechanical Engineering
Institution University of South Carolina
Columbia, South Carolina

Date Posted Apr. 3, 2024

Application Deadline Open until filled

Position Start Date Aug. 16, 2024

Job Categories Assistant Professor
Associate Professor
Professor

Academic Field(s) Mechanical Engineering
Industrial & Systems Engineering

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Job Description

The Department of Mechanical Engineering at the University of South Carolina (USC) in Columbia is seeking qualified applicants for Tenured and Tenure-Track faculty positions at all levels to support its initiative in Industrial Engineering

Applicants for the Assistant Professor rank must possess a PhD degree in Mechanical, Industrial or Manufacturing engineering by the start date of employment, a demonstrated record of research accomplishments, and an outstanding capacity for teaching undergraduate and graduate courses. Applicants for the ranks of Associate Professor and Full Professor must also have years of relevant academic experience commensurate with academic policy, plus a strong, sustained record of excellence in teaching and research, including competitive funding and interdisciplinary collaborations. Candidates with a strong vision for Industrial Engineering education are highly encouraged to apply.

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Successful candidates will be expected to develop internationally recognized, externally funded research programs in cutting edge areas of industrial engineering. We seek outstanding candidates with a background in Industrial Engineering, Smart Manufacturing, Data Analytics and Machine Learning in Manufacturing, Manufacturing Entrepreneurship, Engineering Management, and Supply Networks with a strong publication and research record as well as international reputation in the field. A strong research portfolio with a track record of federally funded projects from a variety of agencies such as NSF, NIST, DoE, DoD is required. The ideal candidate has a track record of serving the profession as associate editor, editorial board member, scientific/program committee member, and other leadership positions in academic and professional societies. Additional qualifications such as industry experience are a plus. The candidate must show a track record of successfully and effectively teaching a variety of courses for undergraduate and graduate students in industrial engineering, i.e., manufacturing, product development, supply chain, ergonomics, and smart manufacturing. Evidence of additional educational activities, such as the development of new courses or curriculum, educational centered projects, or development of educational materials (e.g., textbooks, online resources) are expected. Experience with ABET accreditation in Industrial Engineering programs is a plus. A successful track record of and interested in working with industry and startups is a plus.

The successful candidates must have the ability to (1) teach and develop Industrial Engineering curriculum (including lecture, laboratory, or design courses) at both the undergraduate and graduate levels, (2) develop and sustain an independent, nationally recognized research program, (3) collaborate within multi-disciplinary teams of faculty and other researchers across colleges and institutions, and (4) be engaged in professional activities. Candidates must have an outstanding record of teaching, research, and service.

USC is designated as a “high research and high service activity” university by the Carnegie Foundation. The department has six endowed chairs, 35 full-time faculty, with undergraduate enrollment of over 900 students, graduate enrollment of over 150 students, and over \$10 million in research expenditures last year.

Review of applications will begin immediately and continue until the position is filled. Interested applicants should apply online at <https://uscjobs.sc.edu/postings/166052> with: (1) a cover letter indicating the main area of research, (2) curriculum vitae, (3) a concise description of research plans, (4) a statement of teaching philosophy, and (5) names & contact information of at least three references.

Questions about the departmental search may be directed to:
Department of Mechanical Engineering

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Prof. Travis Knight
twknight@sc.edu, Phone: 803-777-1465

EEO/AA Policy

The University of South Carolina does not discriminate in educational or employment opportunities or decisions for qualified persons on the basis of age, ancestry, citizenship status, color, disability, ethnicity, familial status, gender (including transgender), gender identity or expression, genetic information, HIV/AIDs status, military status, national origin, pregnancy (false pregnancy, termination of pregnancy, childbirth, recovery therefrom or related medical conditions, breastfeeding), race, religion (including religious dress and grooming practices), sex, sexual orientation, veteran status, or any other bases under federal, state, local law, or regulations.

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

Mechanical Engineering
University of South Carolina
Columbia, SC