

Assistant Professor
University of Missouri

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Posted Nov. 7, 2025, set to expire Mar. 22, 2026

Job Title Assistant Professor
Department College of Engineering, Chemical and Biomedical Engineering
<https://engineering.missouri.edu/departments/chbme/>
Institution University of Missouri
Columbia, Missouri

Date Posted Nov. 7, 2025

Application Deadline Open until filled
Position Start Date Aug. 1, 2026

Job Categories Assistant Professor

Academic Field(s) Chemical/Petroleum
Engineering - Other
Material/Metallurgy
Polymer Science

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Job Description

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The Department of Chemical and Biomedical Engineering at the University of Missouri College of Engineering (<https://engineering.missouri.edu/departments/chbme/>) invites applications for a **tenure-track** faculty position at the **Assistant Professor** level, beginning August 1, 2026.

We are seeking creative, collaborative scholars who are ready to build an externally funded research program at the forefront of **advanced materials** that address pressing societal challenges in energy, environmental sustainability, and human health, and who are equally committed to excellence in teaching and mentoring.

Ideal candidates will bring both intellectual curiosity and impact-driven vision - inspiring students in the classroom and laboratory, and contributing to a collegial, inclusive departmental culture.

Research areas of particular interest include:

- Polymeric materials
- Materials for nuclear and energy technologies
- Hybrid or multifunctional materials with tailored properties

We are especially interested in candidates who integrate computation, data science, or machine learning to accelerate materials discovery, design, or analysis.

Our department is growing in both size and scope and benefits from strong campus resources, including the new [Energy Innovation Center](#), the [MU Research Reactor \(MURR\)](#), the [Materials Science and Engineering Institute \(MSEI\)](#), the [Electron Microscopy Core](#), the [NSF-NRT on Data Science for Materials Research](#), and the [NextGen Precision Health](#). This position will strengthen the department's leadership in materials innovation and deepen its integration into emerging technologies across multiple application domains.

We're proud to be **Missouri's flagship public research university** and a Carnegie **R1 institution**. As one of only six public universities nationwide with colleges of engineering, medicine, veterinary medicine, agriculture, arts and science, law, and a research reactor all on one campus, we offer unmatched opportunities for interdisciplinary research and impact.

Qualifications

Minimum Qualifications:

- Ph.D. (or equivalent) in chemical engineering, materials science and engineering, or a related

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discipline.

Candidates will be evaluated on:

- Research focus in polymeric materials, materials for nuclear technologies, or hybrid/multifunctional materials.
- Strong record of scholarly productivity and evidence of potential for externally funded, nationally or internationally recognized research program.
- Experience in effective teaching or mentoring of undergraduate and graduate students.
- Ability to teach and develop innovative and inclusive courses in related emerging technologies.
- Commitment to interdisciplinary collaboration and service to the departmental, college, and university.
- Communication and interpersonal skills.

Application Materials

In addition to filling out the online application please be prepared to upload:

- **Cover letter** describing your interest in the position and how your expertise aligns with departmental strengths and university priorities.
- **Research and Scholarship Statement** (not to exceed 4 pages).
- **Teaching Philosophy Statement** (not to exceed 2 pages).
- **Curriculum Vitae** including all scholarly publications and record of extramural funding (as applicable).
- **Names and contact information** for three references (references will be requested only after a candidate is invited for on-campus interview).

Community Information

Columbia, Missouri, offers the perfect blend of small-town warmth and big-city opportunity. Consistently ranked among the nation's best college towns, Columbia combines a vibrant cultural scene, outstanding schools, and a low cost of living with easy access to both St. Louis and Kansas City. With miles of trails, a thriving restaurant scene, and more than a dozen annual festivals, Columbia is a community that welcomes creativity, innovation, and connection - whether you're building a career, raising a family, or planning your next adventure.

Benefit Eligibility

This position is eligible for University of Missouri benefits, including comprehensive medical, dental,

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and vision plans; retirement and savings plans; and educational fee discounts for all four UM System campuses.

More information: <https://www.umsystem.edu/totalrewards/benefits>.

EEO/AA Policy

Equal Employment Opportunity

The University of Missouri is an [Equal Opportunity Employer](#).

To request ADA accommodations, please call the Director of Accessibility and ADA at 573-884-7278.

Contact Information

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

Contact Jennifer Fiegel, Chair ChBME
College of Engineering, Chemical and Biomedical
Engineering
University of Missouri
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Lafferre Hall, W2033A
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Contact E-mail jfiegel@missouri.edu