Assistant Professor (TT) - Chemical Engineering (Multiple Positions)
University of Massachusetts Amherst

Assistant Professor - The Department of Chemical Engineering at the University of Massachusetts-Amherst invites applications for two tenure-track faculty positions. Individuals with all research directions within Chemical Engineering will be considered.

The first position focuses on experimental or computational research in energy-related fields, for example energy storage, catalytic or non-catalytic processes, sustainability, advanced materials, green chemistry, biomanufacturing, and biomolecular engineering. The second position focuses on computational modeling and simulation in any area of chemical engineering, including machine learning, and artificial intelligence. Additional possible research directions include, but are not limited to, reaction engineering, fluid mechanics, separations, and transport processes.

We strongly encourage applicants from groups traditionally underrepresented in Chemical Engineering to apply. The department is committed to maintaining an interdisciplinary and collaborative education and research environment.

Minimum Requirements: Ph.D. in Chemical Engineering or a related field, outstanding record of research accomplishments, commitment to excellence in teaching, research and support of diversity and inclusivity in their scholarly activities. Faculty members are expected to teach both undergraduate and graduate courses, supervise undergraduate and graduate students and postdoctoral fellows, contribute significantly to the advancement of basic science and engineering as evidenced by scholarly publications, and develop a nationally and internationally recognized program of sponsored research. Preferred starting date is September 1, 2024.

Rank and salary will be commensurate with qualifications and experience. Applications must be submitted online using the link posted here:


The application must include a cover letter, a comprehensive curriculum vitae, a research plan, a statement of teaching interests, a statement of diversity, equity, and inclusion, three recent representative research publications, and a minimum of three references. Review of applications will commence on November 15, 2023. The committee will continue to accept applications until a suitable candidate pool is established.

The University is committed to active recruitment of a diverse faculty and student body. The University of Massachusetts Amherst is an Affirmative Action/Equal Opportunity Employer of women, minorities, protected veterans, and individuals with disabilities and encourages applications from these and other protected group members. Because broad diversity is essential to an inclusive climate and critical to the University's goals of achieving excellence in all areas, we will holistically assess the many qualifications of each applicant and favorably consider an individual's record working with students and colleagues with broadly diverse perspectives, experiences, and backgrounds in educational, research or other work activities. We will also favorably consider experience overcoming or helping others overcome barriers to an academic degree and career.