

Open Rank - Interdisciplinary Tenured/Tenure Track Faculty Positions

Department of Chemical Engineering

Job Description

The Department of Chemical Engineering at Northeastern University seeks applications for open-rank, interdisciplinary faculty positions with research interests clustered around the themes of biological systems and solutions ([R110056](#)); food, water, energy nexus ([R110062](#)); sustainability and resilience ([R110066](#)); and/or modeling ([R110050](#)). Faculty will have the opportunity to collaborate in cross-disciplinary teams across the University and will complement existing strengths.

We are seeking new approaches for batteries and energy storage and conversion, climate and environmental modeling, water treatment, environmental sensing and monitoring, and renewable and sustainable consumer products. Relevant fields include materials and nanomaterial science and engineering, photochemistry, synthetic chemistry, analytical chemistry, biochemistry, and bioengineering.

Application Procedure

We encourage applicants from a wide range of backgrounds, including academia and industry. We value and celebrate diversity in all its forms and strive to foster an inclusive culture built on respect that affirms inter-group relations and builds cohesion.

If you do too, apply via the Northeastern Careers website at <https://northeastern.wd1.myworkdayjobs.com/careers> and search for the appropriate Job ID mentioned above or links below, clearly noting your interest in a primary appointment in Chemical Engineering.

Apply to any one of the research clusters using the following links:

[Biological systems and solutions](#) - Job ID: R110056

[Food, water, energy nexus](#) – Job ID: R110062

[Sustainability and resilience](#) – Job ID: R110066

[Modeling](#) – Job ID: R110050

Screening will begin **by November 1, 2022**. Complete applications received **by December 23, 2022** will receive full consideration.

Statement of Research Interests, Objectives, & Vision: Please describe the focus of your research, including the questions you have identified, any funding you have received to support the work, the results you have discovered, and the products of these efforts. Please also describe any research you have undertaken with students, with the external community, and/or with individuals from marginalized groups. Finally, please outline the research directions you foresee pursuing as a faculty member.

Statement of Teaching Interests & Philosophy: Please summarize your past instructional and mentorship experiences, your pedagogical philosophy, your plans/goals for teaching (including existing and proposed courses), and your strategies for teaching and mentoring a diverse cohort of undergraduate and graduate students.

Statement of Diversity, Equity, Inclusion, and Belonging: Please provide a statement of your commitment and/or contribution(s) that describe your past experience, activities, and/or future plans to advance diversity, equity, inclusion, and the value proposition of belonging in your teaching, research, and service. Your statement should demonstrate an understanding of the barriers facing marginalized communities in your field/community and be in alignment with both Northeastern's mission and BEYOND 2025: The Academic Plan Paragraph 4.1 A Magnet for Diversity, and a Place of Belonging. A more developed and substantial plan is expected for senior candidates.

Additional Information

Northeastern University is an equal opportunity employer, seeking to recruit and support a broadly diverse community of faculty and staff. All qualified applicants are encouraged to apply and will receive consideration for employment without regard to race, religion, color, national origin, age, sex, sexual orientation, disability status, or any other characteristic protected by applicable law.

To learn more about Northeastern University's commitment to and support of diversity and inclusion, please see: www.northeastern.edu/diversity.