

Tenured or Tenure-Track Faculty Position – Open Rank
University of South Carolina

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Posted Aug. 28, 2025, set to expire Dec. 29, 2025

Job Title	Tenured or Tenure-Track Faculty Position – Open Rank
Department	Molinaroli College of Engineering and Computing – Department of Chemical Engineering
Institution	University of South Carolina Columbia, South Carolina
Date Posted	Aug. 28, 2025
Application Deadline	Dec. 1, 2025
Position Start Date	Aug. 16, 2026
Job Categories	Assistant Professor Associate Professor Professor
Academic Field(s)	Chemical/Petroleum Engineering - Other

Apply By Email

Job Description

Tenured or Tenure-Track Faculty Position – Open Rank - <https://uscjobs.sc.edu/postings/191233>

Professor, Tenure Track - Chemical Engineering - <https://uscjobs.sc.edu/postings/188088>

The Molinaroli College of Engineering and Computing at the University of South Carolina is continuing to expand its tenured and tenure-track ranks significantly. As part of this growth, the Department of Chemical Engineering seeks to add two dynamic tenured or tenure-track faculty members to begin in Fall 2026. Applicants at all ranks are encouraged to apply. Applicants for the rank of Assistant

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Professor must possess a Ph.D. degree in chemical engineering or a related field by the time of appointment and demonstrate potential for excellence in teaching and research; applicants for the rank of Associate Professor and Full Professor must also have years of relevant academic experience commensurate with academic policy by the time of appointment, with a strong, sustained record of excellence in teaching and research.

We seek candidates whose expertise aligns with the core strengths of the Department, as well as cross-cutting initiatives within the Molinaroli College. Of particular interest for this search are two areas: advanced batteries and separations. Successful candidates will be expected to develop and sustain an internationally recognized research program.

Specific to batteries, the state of SC has seen a large amount of private investment (>\$10B) in battery development and manufacturing, which is expected to create 10,000+ jobs over the next decade. USC is building from our already strong team in this area (18 faculty) and supporting this industry through activities within the newly formed Carolina Institute for Battery Innovation (CIBI). Specific research areas of interest for this search include: i) electrochemical modeling, preferably including advanced machine learning and AI; ii) battery safety and reliability; iii) novel approaches to recycling; and iv) new chemistries and active materials.

Driving our interest in growing our separations faculty is USC's partnership in the management and operation of the U.S. Department of Energy (DOE) Savannah River National Laboratory (SRNL). The goal of this partnership is to expand collaborative research partnerships and develop the future workforce for SRNL and ecosystem partners. Therefore, the Department is interested in applicants whose research programs will support DOE priorities in energy security, national security, and a circular economy. Joint appointments with SRNL may be considered.

EEO/AA Policy

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Contact Information

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

Contact Professor and Chair Christopher Williams
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