

(Open Rank) Assistant, Associate, Full Professor of
Chemical Engineering and Materials Science
University of Southern California

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Posted Oct. 31, 2024, set to expire Mar. 4, 2025

Job Title	(Open Rank) Assistant, Associate, Full Professor of Chemical Engineering and Materials Science
Department	Mork Family Department of Chemical Engineering and Materials Science https://chems.usc.edu/
Institution	University of Southern California Los Angeles, California
Date Posted	Oct. 31, 2024
Application Deadline	Dec. 15, 2024
Position Start Date	Aug. 16, 2025
Job Categories	Assistant Professor Associate Professor Professor
Academic Field(s)	Energy Technology Chemical/Petroleum Material/Metallurgy
Job Website	https://usccareers.usc.edu/search-jobs
Apply Online Here	https://usccareers.usc.edu/job/los-angeles/open-rank-assistant-associate-full-professor-of-chemical-engineering-and-materials-science/1209/71821503600
Apply By Email	
Job Description	

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The faculty of the Mork Family Department of Chemical Engineering and Materials Science (<https://chems.usc.edu>) in the USC Viterbi School of Engineering (<https://viterbischool.usc.edu/>) is searching for outstanding faculty candidates in the disciplines of chemical engineering or materials science in the following high-priority category:

- **Energy storage/batteries** research area including but not limited to: electrochemistry, next-generation battery technology, modeling of battery components, advanced manufacturing and battery recycling and re-purposing. This position aligns with our departmental focus in Energy Engineering and is open to experimental and computational applicants at the tenure-track or tenured at all levels.

Additionally, **Computational Candidates** (tenured Associate and full Professor ranks only), have the opportunity to be affiliated with our new USC School of Advanced Computing, with priority given to those whose research aligns with one or more of the following affinity areas: computing and (i) sustainability, (ii) security, (iii) health, and (iv) systems. This opportunity aligns with USC's **\$1 billion Frontiers of Computing initiative**, the largest, most comprehensive academic initiative in the university's history (<http://computing.usc.edu>). The initiative has already resulted in the creation of the new USC School of Advanced Computing (<http://sac.usc.edu>), which aims to advance computing research and expand USC's presence in Silicon Beach, L.A. County's tech corridor.

The USC Viterbi School of Engineering is committed to increasing the diversity of its faculty and welcomes applications from women, individuals from racial/ethnic populations demographically underrepresented in engineering, veterans, and individuals with disabilities. Outstanding senior applicants who have demonstrated academic excellence and leadership, and whose past activities document a commitment to issues involving the advancement of women in science and engineering may be also considered for the [Lloyd Armstrong, Jr. Endowed Chair](#), which is supported by USC's Women in Science and Engineering (WISE) Program endowment.

We expect all applicants to have a strong commitment to research, doctoral student mentoring, and teaching at the undergraduate and graduate levels. Applicants should have a doctorate in Chemical Engineering or Materials Science, or a related field of study, and must have a well-established and accomplished academic record.

The position is available starting August 16, 2025. To receive full consideration, candidates should apply on-line at: <https://usccareers.usc.edu/search-jobs>. Application materials must include: a cover letter, curriculum vitae, a statement of research interests (2 pages), a statement of teaching interests (1

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page), and contact information for three references. Computational applicants who would like to be considered for affiliation with the USC School of Advanced Computing are required to incorporate one page that clearly describes how their research and teaching interests and accomplishments align with at least one of the affinity areas.

To receive full consideration, all materials should be received by December 15, 2024; applications received after this deadline might not be considered. All application materials will be held in the strictest confidence.

The annual base salary range for the following faculty ranks in this posting are:

- Assistant Professor: \$114,000 - \$135,000
- Associate Professor: \$135,000 - \$162,000
- Professor: \$ 173,000 - \$236,000

When extending an offer of employment, the University of Southern California considers factors such as (but not limited to) the scope of responsibilities of the position, the candidate's work experience, education/training, key skills, internal peer equity, federal, state and local laws, contractual stipulations, grant funding, as well as external market and organizational considerations.

The USC Viterbi School of Engineering is committed to enabling the success of dual career families and fosters a family-friendly environment. USC is an equal opportunity, affirmative action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, protected veteran status, disability, or any other characteristic protected by law or USC policy. USC will consider for employment all qualified applicants with criminal histories in a manner consistent with the requirements of the Los Angeles Fair Chance Initiative for Hiring ordinance.

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 Diana Vuong
Mork Family Department of Chemical Engineering
and Materials Science
University of Southern California
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