Department Summary

The Pritzker School of Molecular Engineering (PME) is a unique interdisciplinary school launched by the University of Chicago in 2011 with the aim of translating molecular and quantum science into technological solutions with potential societal impact in health and immunology, energy/water/materials, environmental sustainability, and quantum information technology. PME is also affiliated with Argonne National Laboratory, an independent unit within the university, and joint appointment is encouraged when appropriate.

Qualifications

We invite applications at the ranks of Assistant Professor, Associate Professor, and Professor. Before the start of employment, qualified applicants must hold a doctoral degree or equivalent in a field related to theoretical and/or computational quantum engineering, or related disciplines. They must also have a strong record of independent research in theoretical quantum science and engineering. Areas of interest include (but are not limited to) quantum information, quantum communication, quantum sensing, quantum error correction, quantum mechanical materials modelling, quantum optics and quantum simulations on classical and quantum computers.

Candidates for Associate or Full Professor must have evidence of leadership in their field and an outstanding track record independent research, allowing them to qualify for appointment as a tenured professor in the Pritzker School of Molecular Engineering (or jointly with another department in the University). All successful candidates will be expected to establish and maintain a robust research program and teach at the graduate and undergraduate levels.

The Search Committee will continue to consider new applications until the positions are filled.

Application Instructions

Candidates should apply online through the University of Chicago’s Interfolio website: http://apply.interfolio.com/101546.

The following materials are required:

- cover letter
- curriculum vitae including bibliography
- research statement (a statement describing past and current research accomplishments and outlining future research plans)
- teaching statement (a description of teaching philosophy and experience)
- contact information for three references who can provide confidential letters of evaluation

The following materials are optional:

- up to three published or unpublished research papers
Equal Employment Opportunity Statement

We seek a diverse pool of applicants who wish to join an academic community that places the highest value on rigorous inquiry and encourages diverse perspectives, experiences, groups of individuals, and ideas to inform and stimulate intellectual challenge, engagement, and exchange. The University’s Statements on Diversity are at https://provost.uchicago.edu/statements-diversity. The University of Chicago is an Affirmative Action/Equal Opportunity/Disabled/Veterans Employer and does not discriminate on the basis of race, color, religion, sex, sexual orientation, gender identity, national or ethnic origin, age, status as an individual with a disability, protected veteran status, genetic information, or other protected classes under the law. For additional information please see the University’s Notice of Nondiscrimination. Job seekers in need of a reasonable accommodation to complete the application process should call 773-702-1032 or email equalopportunity@uchicago.edu with their request.