Faculty (Rank Open) in Computational Chemistry

University of Massachusetts Lowell

Lowell, MA

Job no: 511316  
Position type: Faculty Full Time  
Benefit Status: Benefited-Union  
Campus: UMass Lowell  
Department: Chemistry  
Salary: Salary commensurate with experience  
Applications Open: Dec 06 2021  
Applications Close: Open until filled

General Summary of Position:

The Department of Chemistry at the University of Massachusetts Lowell invites applications for a tenure-track or tenured faculty position in the general area of computational chemistry combined with the use of AI and machine learning.

The University of Massachusetts Lowell is a leading, public, research university in the greater Boston area and has a national reputation in science, engineering and technology for solving real world problems. The Department of Chemistry offers an ACS-approved B.S. degree in Chemistry and has very active M.S. and Ph.D. programs, with approximately 150 undergraduate majors and 65 graduate students. Appointees will be provided a competitive start-up package, have access to high-end research equipment and have the opportunity to collaborate with numerous research-active colleagues from various science and engineering departments (Biology, Physics, Chemical, Computer & Electrical Engineering, etc.) and research centers.

Successful candidates will be expected to (i) develop an independent, active, externally funded and internationally recognized research program, (ii) demonstrate a strong commitment to excellence in teaching chemistry at both the undergraduate and graduate levels, and (iii) engage in service to the university and community. Research areas of interest include, but are not limited to, machine learning, artificial intelligence and data science as applied to energy and sustainability aspects of chemistry, and biological and soft materials. An ability to participate in interdisciplinary research with faculty in other departments or research centers is considered a plus.

The expected start date of the appointment is September 2022.

Minimum Qualifications (Required):

- A Ph.D. in Chemistry or a closely related discipline is required
Additional Considerations:
- Appointment will be at a faculty rank commensurate with experience
- Preference will be given to candidates with an established record of excellence in teaching, scholarship, and funded research

Preferred Qualifications:
- Postdoctoral training or equivalent experience in a relevant field is strongly preferred

Special Instructions to Applicants:

Review of applications will begin immediately and continue until the position is filled. However, the position may close when an adequate number of qualified applications is received.

Please submit the following documents with your application:
- CV
- Cover letter
- Research Statement (include description of research plans)
- Teaching Statement/Philosophy/Experience
- Names and contact information for three references will be required at the time of application. References will be contacted for a letter of reference immediately after application submission. References will be required to upload recommendation letters to our on-line portal; neither emailed nor hard-copy letters will be accepted. *Three letters of reference are required.

The University of Massachusetts Lowell is an Equal Opportunity/Affirmative Action, Title IX employer. All qualified applicants will receive consideration for employment without regard to race, sex, color, religion, national origin, ancestry, age over 40, protected veteran status, disability, sexual orientation, gender identity/expression, marital status, or other protected class.