



Assistant Professor, Materials Science

Job Description:

The Carlson School of Chemistry and Biochemistry at Clark University invites applications for a tenure-track Assistant Professor position focusing on materials science to begin August 2022.

Requirements:

Candidates are expected to develop an active, externally funded, experimental research program in materials science involving graduate and undergraduate students. Research focused on the synthesis of new materials or the chemical modification of existing systems is of particular interest. Candidates are also expected to show promise of excellent teaching in chemistry at both undergraduate and graduate levels, with the ability to teach Introductory Chemistry and advanced chemistry and materials science courses. A Ph.D. in chemistry or a closely related discipline and leadership experience in past or current research projects are required.

Clark University currently requires all employees and students to be vaccinated against COVID-19. Exemptions will be made for medical or disability reasons or religious beliefs, and could be made, at the sole discretion of the University, for other well-documented reasons.

Additional Information:

The Carlson School offers both undergraduate (B.A.) and graduate (M.S. and Ph.D.) degrees in chemistry and biochemistry and molecular biology. Student engagement in research is a major focus of both the undergraduate and graduate programs. Some examples of current faculty research in chemistry and physics with the potential for collaborations are:

- Studies of charge transport through self-assembled solid polymer electrolytes
- Synthesis of low-dimensional antiferromagnets
- Solid-state NMR studies of structural order in layered perovskites
- Synthesis of phase-change materials for thermal batteries and temperature regulation.
- Scanning tunneling microscopy studies of low-dimensional crystalline systems
- Inhomogeneity and charge modulation in unconventional superconductors
- Studies of dipolar bosons in lattice systems

Additional information on the department is available at: <https://www.clarku.edu/departments/chemistry/>

Additional information on research in the Physics Department is available at: <https://www.clarku.edu/departments/physics/research/faculty-research/>

Clark University embraces equal opportunity and affirmative action as core values: we believe that cultivating an environment that embraces and promotes diversity is fundamental to the success of our students, our employees and our community. This commitment applies to every aspect of education, services, and employment policies and practices at Clark. Our commitment to diversity informs our efforts in recruitment, hiring and retention. All positions at Clark share in the responsibility for building a community that values diversity and the uniqueness of others by exhibiting integrity and respect in interacting with all members of the Clark community to create an atmosphere of fairness and belonging. We strongly encourage members from historically underrepresented communities, inclusive of all women, to apply.

Application Instructions:

To be considered for this position, you must submit your credentials online. Create a **Clark University Careers** Account and submit materials at clarku.interviewexchange.com/jobofferdetails.jsp?JOBID=136622. You will be able to upload the following documents, which are required for consideration:

- Cover letter
- CV
- Statement of research plans (not to exceed three pages)
- Statement of teaching philosophy and summary of teaching experience and interests (not to exceed three pages)
- Statement describing contributions and future plans to support diversity, equity, and inclusion in their academic activities (not to exceed two pages)
- Three letters of reference

Review of applications will begin on October 8, 2021.

Applicants' diversity, equity, and inclusion statements should detail how their scholarship and teaching will support the success of students from underrepresented racial, ethnic, and gender backgrounds and further Clark's commitment to diversity, equity, and inclusion.

Inquiries regarding this position should be directed to [Professor Luis Smith](mailto:lusmith@clarku.edu), Chair, Materials Science Search Committee at lusmith@clarku.edu.