

The Department of Mechanical and Aerospace Engineering in the School of Engineering and Applied Science at the University of Virginia seeks candidates for two Research Associate positions to assist in experimental mechanics and advanced materials in Professor Xiaodong (Chris) Li's lab.

The research associates are expected to perform materials synthesis, coating and composite testing, microstructural and mechanical characterization, and finite element analysis, write reports and technical papers.

QUALIFICATION REQUIREMENTS: A PhD in Mechanical Engineering, Engineering Mechanics, Materials Science and Engineering, Chemical Engineering or related field is required by the start date of the position. The successful candidate shall have a background in materials synthesis, coating and composite testing, microstructural and mechanical characterization, and finite element analysis. Experience with materials synthesis and characterization, experimental mechanics, and mechanical characterization techniques, including but not limited to digital image correlation, scanning electron microscopy, transmission electron microscopy, atomic force microscopy, and X-ray diffraction, X-ray computed tomography as well as mechanical testing techniques, including but not limited to tension/compression testing and indentation is required. Good written and oral communication skills is required.

TO APPLY: Apply online at https://uva.wd1.myworkdayjobs.com/en-US/UVAJobs/job/Charlottesville-VA/Research-Associate-in-Mechanical-and-Aerospace-Engineering_R0014092 by attaching a cover letter, curriculum vitae, and contact information for three references.

Please note that multiple documents can be uploaded in the box.

APPLICATION DEADLINE: Review of applications will begin March 1, 2020 and continue until the position is filled. The University will perform background checks on all new hires prior to employment.

This is a one-year appointment that may be renewed for two additional one-year terms, contingent upon available funding and satisfactory performance.

For questions about the position, please contact Prof. Xiaodong (Chris) Li at xl3p@virginia.edu.

For questions about the application process, please contact Rich Haverstrom, Faculty Search Advisor, at rkh6j@virginia.edu.

For more information on the benefits available to postdoctoral associates at UVA, visit postdoc.virginia.edu and hr.virginia.edu/benefits.

The University of Virginia, including the UVA Health System and the University Physician's Group are fundamentally committed to the diversity of our faculty and staff. We believe diversity is excellence expressing itself through every person's perspectives and lived experiences. We are equal opportunity and affirmative action employers. All qualified applicants will receive consideration for employment without regard to age, color, disability, gender identity or expression, marital status, national or ethnic origin, political affiliation, race, religion, sex (including pregnancy), sexual orientation, veteran status, and family medical or genetic information.