



SCHOOL of ENGINEERING
& APPLIED SCIENCE

OPEN RANK FACULTY POSITION
DEPARTMENT OF MATERIALS SCIENCE AND ENGINEERING
TRANSMISSION ELECTRON MICROSCOPY

The Department of Materials Science and Engineering at the University of Virginia solicits outstanding applicants for a tenured or tenure-track open rank faculty position (Assistant, Associate, or Full Professor) with expertise in materials characterization with an emphasis in Transmission Electron Microscopy. The successful applicant will develop an internationally recognized research program, engage enthusiastically in undergraduate and graduate teaching, and perform service in support of outreach, diversity, and academic self-governance. Wide ranging opportunities exist to (i) develop independent research, (ii) explore interdisciplinary collaborations with existing faculty, and (iii) initiate new research activities focused on a variety of materials classes, functionalities, and in-situ and ex-situ microscopic investigation.

The successful candidate will possess a doctoral degree in either materials science and engineering or a closely related field. They will have a strong commitment to excellence in teaching at the undergraduate and graduate levels in materials science and engineering and will demonstrate the desire to develop a world-class, sponsored-research program centered on the development of MS and PhD graduates. We seek a candidate who will enhance departmental strengths through research collaborations, while also contributing broadly across disciplines in the School of Engineering and Applied Science, and the University at large.

The successful candidate will have access to the world-class Nanoscale Materials Characterization Facility at the University of Virginia, which houses two transmission electron microscopes: a Themis Z 60-300 kV monochromated aberration-corrected STEM/EELS/EDS and a Titan 80-300 kV STEM/EDS with heating and cryogenic specimen holders; two scanning electron microscopes: a Helios UC G4 dual-beam focused ion beam and a Quanta 650F, both equipped with EDS/EBSD/STEM capability; and a multitude of other sample preparation and structural, phase, and chemical characterization tools.

Please apply online at https://uva.wd1.myworkdayjobs.com/en-US/UVAJobs/job/Charlottesville-VA/Open-Rank-Faculty-Position-in-Materials-Science_R0030272 and attach the following required applicant documents:

- Cover Letter with contact information for three references
- Curriculum Vitae
- Research Statement
- Teaching Statement
- Statement of demonstrated past experience or promise working on issues of diversity, equity and inclusion and/or working with diverse populations

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

Review of applications will begin December 3, 2021 and will remain open until the position is filled.

For nominations and additional information about the position, please contact Prof. Jon Ihlefeld, jfi4n@virginia.edu. Please include the nominee's contact information and know the search will be carried out with full confidentiality.

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

The University of Virginia is annually ranked as one of the premier public institutions in the United States and is located in Charlottesville, a picturesque and vibrant small city perennially ranked as one of the best places to live in the U.S. More information about the town, the school, faculty benefits, and other topics can be found at <https://hr.virginia.edu/careers-uva/why-uva>.

UVA assists faculty spouses and partners seeking employment in the Charlottesville area. To learn more please visit <https://dualcareer.virginia.edu/>.

With one of the highest graduation rates of undergraduate students from underrepresented groups and one of the highest percentages of women engineering students among public universities, the Department and the University of Virginia are fundamentally committed to increasing the diversity of its faculty and staff. UVA is an affirmative action and equal opportunity employer. We welcome nominations of and applications from women, members of minoritized groups, veterans, and individuals with disabilities. We also welcome others who would bring additional dimensions of diversity to the university's research and teaching mission. We believe diversity is excellence expressing itself through every person's perspective and lived experiences.

COVID Vaccination Requirement

The University of Virginia expects all current and new employees (UVA Health System and Academic), to be vaccinated against COVID-19. **If hired to work within the University Health System, you will be required to provide proof of vaccination or be willing to receive the vaccination.** Employees may request a medical or religious exemption from vaccination.

If hired to work on the Academic side of the University, excluding the School of Medicine, School of Nursing, UPG, and the Health Systems Library, you will be required to provide proof of vaccination or be willing to submit to mandatory, weekly prevalence testing. Employees that are working 100% remotely will not be subject to weekly prevalence testing; however, if the employee works on UVA Grounds (including the Medical Center) even intermittently, then they are required to be tested for COVID-19 once per week on an indefinite basis and follow masking mandates.

NOTE: Some medical and safety-sensitive positions require vaccination and are not eligible for an exemption. For more information on how the vaccination and testing requirements will apply to you at your work location, see the [UVA New Hire Vaccination Requirements](#) webpage.

The University of Virginia, including the UVA Health System which represents the UVA Medical Center, Schools of Medicine and Nursing, UVA Physician's Group and the Claude Moore Health Sciences Library, 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.