The nanoSTAR Institute at the University of Virginia is seeking a Research Associate to assist the nanoSTAR Research Facilitator, and its Director and Associate Director with development, optimization, and validation of nanoscale drug delivery, device and imaging modalities for medical applications. The individual will be expected to work with core user facilities and multiple faculty research groups across the School of Engineering and Applied Science to validate physiochemical properties of various nanoscale formulations or devices for therapy, imaging, and diagnostics. The candidate will also be responsible for working with basic scientists and clinicians to help design in vitro, microfluidic device and cell-based tests as well as whole organism experiments to determine the efficacy and safety of these nanoscale formulations or devices.

A Ph.D. degree in bioengineering, materials sciences, nanotechnology, or a related field is required. Experience with Microsoft Office (Word, PowerPoint, and Excel) and GraphPad Prism, as well as, skill sets in material sciences, nanotechnology, biomedical engineering and chemical engineering are required. This position is funded through the University of Virginia's Engineering in Medicine program and will specifically focus on cancer-related research in collaboration with clinicians and researchers within the School of Medicine.

To apply, visit https://jobs.virginia.edu and search on posting number 0623695. Complete a Candidate Profile online, attach a cover letter, curriculum vitae, and contact information for three references. Applications will be accepted until the position is filled.

For additional information about the position, please contact Dr. Mark Kester at mkv5q@virgina.edu.

For information about the application process, please contact Rich Haverstrom at rkh6j@virginia.edu.

The University of Virginia is an equal opportunity/affirmative action employer committed to developing diversity in faculty and welcomes applications from women, minorities, veterans and persons with disabilities.