



Faculty Positions in Soft Materials and Advanced Biomanufacturing for Biological Applications

School of Engineering and Applied Science

The School of Engineering and Applied Sciences at the University of Virginia (UVA) invites applications for multiple open rank, tenured or tenure-track faculty in soft matter/materials and advanced biomanufacturing for biological applications, broadly defined. These faculty positions have the flexibility of appointments among multiple departments within UVA Engineering and potentially across Schools including Medicine and the College of Arts and Sciences. Successful candidates will join an exciting research environment, maintain a funded research program, and engage in teaching and training of graduate and undergraduate students. Rank, tenure, compensation and joint appointments are dependent upon qualifications and experience.

UVA is taking a focused approach to the development of soft materials and advanced manufacturing for biological applications. Development of these materials will be critical to innovations in a wide variety of existing basic and translational research fields such as medical devices, in vitro biology platforms, in vivo drug delivery systems, new imaging agents, biosensors and novel regenerative therapeutics. The dearth of innovative soft materials and advanced manufacturing methods for biological applications is considered one of the greatest barriers to accelerating development and enhanced applications of many of these technologies. UVA is well positioned to lead in this area leveraging a strong foundation in fundamental engineering and physical sciences with world renowned research in quantitative biology, biomedical engineering, and medicine.

A PhD in engineering, material science, physical sciences, biomedical sciences, or related fields, and/or MD by the time of appointment is required. Appointment with tenure requires documented excellence in research and teaching, and an emerging national reputation. Candidates with a strong background in the disciplines of macromolecular synthesis and engineering and soft condensed matter are preferred, as are candidates with expertise in hierarchical control of micro-patterning of biomimetic soft polymers across multiple length scales.

The University of Virginia is one of the top rated public universities and Charlottesville is frequently cited as one of the best cities in which to live and work. More information about the town, the school, faculty benefits, and other topics can be found at <http://uvacharge.virginia.edu/guide.html>. Furthermore, the university is an active dual career employer, is an NSF ADVANCE institution (UVA CHARGE), and is committed to enhancing the diversity of our community of scholars and citizens.

To apply, visit <http://jobs.virginia.edu> and search for Posting 0619778. Complete a Candidate Profile online and attach a cover letter, curriculum vitae, statement of teaching philosophy, statement of research interest, and contact information for three references.

Review of applications will begin December 1, 2016 and will continue until the positions are filled.

For questions about the position, please contact Dr. George Christ via email at gjc8w@virginia.edu. For questions about the application process, please contact Joseph Rehder via email at jdr6s@virginia.edu.

The University of Virginia is an Equal Opportunity/Affirmative Action Employer. Women, minorities, veterans and persons with disabilities are encouraged to apply.