

Department of Physics, Virginia Tech
Tenure-Track Faculty Position in Theoretical / Computational Soft Matter
and/or Biological Physics

The Department of Physics at Virginia Tech (<http://www.phys.vt.edu/>) invites applications for a tenure-track faculty position in the areas of Theoretical / Computational Soft Matter and/or Biological Physics. Appointment at the Assistant Professor level is anticipated but exceptional senior candidates will also be considered. We especially encourage applications from candidates who complement, extend, or charter new directions to the department's existing strengths in complex biological systems and processes, non-equilibrium statistical physics, biomembrane physics, and polymer physics. Our *Center for Soft Matter and Biological Physics* (<https://csmb.phys.vt.edu/>) provides broad opportunities for interdisciplinary collaborations within Virginia Tech's *College of Science* (<http://www.science.vt.edu/>) and *College of Engineering* (<https://eng.vt.edu/>), as well as its *Macromolecules Innovation* (<https://mii.vt.edu/>), *Biocomplexity* (<http://www.bi.vt.edu/>), and *Critical Technology and Applied Science* (<http://www.ictas.vt.edu/>) *Institutes*.

Position responsibilities:

Expectations for this position include: development of a vigorous, externally well-funded and internationally recognized research program; effective and enthusiastic instruction in physics and related fields; effective interaction with a diverse population of undergraduate and graduate students; active development of professional capabilities and scholarly activities; occasional travel, for example, to attend professional conferences and present research seminars; participation in department, academy, college, and university governance; and professional service. The faculty handbook (available at <http://www.provost.vt.edu/>) provides a complete description of faculty responsibilities at Virginia Tech. Questions regarding the position may be directed to the Chair of the Search Committee, Uwe C. Täuber, at smb_search@phys.vt.edu, phone: (540) 231-8998.

Required qualifications:

Applicants must hold a Ph.D. or equivalent in physics or a closely related field, and must have postdoctoral experience at the time of appointment. They should demonstrate a strong record of accomplishments and creativity in physics research; experience with and commitment to interdisciplinary research; vision, creativity, and leadership skills; a desire to advise and teach a student body which is diverse with respect to socio-economic status, interests, and abilities; and commitment / sensitivity to address issues of diversity in the university community.

Application procedure:

Candidates should apply at <http://listings.jobs.vt.edu/postings/TR0180104>.

The application package must include a cover letter, curriculum vitae with publication list, a statement of ongoing and planned research, a brief description of teaching philosophy, a statement of any previous activities aimed at expanding the diversity and/or mentoring of minorities, women, or members of other underrepresented groups as well as how the applicant will further Virginia Tech's commitment to build a culturally diverse educational environment (<http://www.inclusive.vt.edu/>), and contact information for at least three references (five for senior candidates). The references will be notified via email to upload their recommendation letters through our online system.

Review of applications will begin on December 1, 2018, and will continue until the position is filled; to ensure full consideration, complete application packages and reference letters should be received by December 1, 2018. As part of the hiring process, the successful applicant must pass a criminal background check. The expected position starting date is August 10, 2019.

Virginia Tech is an Equal Opportunity / Affirmative Action institution, and offers a wide range of networking and development opportunities to women and minorities in science and engineering. Virginia Tech is responsive to the needs of dual career couples. Virginia Tech is a recipient of the National Science Foundation ADVANCE Institutional Transformation Award to increase the participation of women in academic science and engineering careers (<http://www.advance.vt.edu/>). Individuals with disabilities desiring accommodations in the application process should please notify Ms. Jacqueline Woodyard, Department of Physics, (540) 231-7566, or call TTY 1-800-828-1120 prior to the application deadline.