

## **Open position: Senior research Scientist**

A senior research scientist is sought to manage the newly established Center for Disease Mechanics in the Department of Mechanical Engineering at Virginia Tech. This position provides an excellent opportunity to work in a world-class interdisciplinary environment as part of a team of experimental and computational scientists from engineering and biology, and in close collaboration with clinicians.

The position entails interacting with faculty across multiple departments, managing collaborative interdisciplinary research projects, facilitating large-scale research proposal development, and actively liaising with funding agencies. An attractive compensation package commensurate with experience will include competitive benefits and a retirement package offered by Virginia Tech. The position is available starting as soon as possible and is eligible for annual renewal contingent upon satisfactory progress and continued funding.

### **Qualifications**

- Completed Ph.D. preferably in biology, engineering, biophysics, or a closely related discipline.
- Proven track record of outstanding research that is reflected in publications and secured funding (e.g., postdoctoral fellowship or other early-career grants)
- Experience in working in Biosafety Level-2 (BSL-2) laboratory environment, proficiency in standard cell- and molecular-biological techniques, and advanced optical microscopy. Additional experience in bacteriology is preferred but is not required.
- Strong written and verbal communication skills, enthusiasm to lead independent and manage collaborative interdisciplinary research, develop grant proposals, and the ability and willingness to mentor graduate and undergraduate students.

### **Application Process**

Interested candidates should assemble a single pdf document containing a (1) cover letter outlining how this position relates to the candidate's experience, research interests, and career objectives, (2) curriculum vitae with a complete list of publications, (3) name and contact information of three academic references, and (4) key first-author manuscripts that have been published or accepted for publication.

### **Contact Information**

Contact Professor Amrinder Nain ([nain@vt.edu](mailto:nain@vt.edu)) for further information or submit a single .pdf file of application materials to Professor Nain with "Research scientist application" in the subject line. Review of applications will begin immediately and will continue until it is filled.