Assistant Professor of Computational Genetics and Bioinformatics

The Department of Crop and Soil Environmental Sciences at Virginia Tech seeks applications for a 9-month tenure-track research/teaching faculty position. Research should focus on elucidation of the genetic basis underlying complex traits through effective mining of large multi-dimensional datasets using computational methods and bioinformatics tools and application of the obtained knowledge toward crop improvement. The selected candidate will be expected to obtain funding from competitive, national granting agencies. She or he should also be effective in collaboration with fellow scientists in this and sister departments and in University-associated centers including Virginia Bioinformatics Institute (VBI). This individual is expected to teach undergraduate and graduate courses in relevant subjects including bioinformatics. Qualifications include a Ph.D. in Computational/Statistical/Quantitative Genetics, Bioinformatics, Genomics, or a closely related field. Demonstrated knowledge/experience in genetics is required. Demonstrable experience and research success using Bioinformatics in the analysis and interpretation of high-throughput data sets generated using various omics tools are desirable. Incumbent should have a demonstrated ability or the potential to work collaboratively, teach and mentor students, obtain extramural funding, and publish results.

About Virginia Tech:

Virginia Tech, founded in 1872 as a land-grant institution, is currently ranked as a Top 30 Public University by US News & World Report and a Top 30 Public Research University by the National Science Foundation. Through a combination of its three missions of learning, discovery, and engagement, Virginia Tech continually strives to accomplish the charge of its motto: Ut Prosim (That I May Serve). As the Commonwealth’s most comprehensive university and its leading research institution, Virginia Tech serves a diverse population of 30,000+ students and 8000+ faculty and staff from over 100 countries, and is engaged in research around the world. Invent the Future at Virginia Tech.

How to apply:

Interested candidates must submit a letter of application, curriculum vitae (including a list of publications), statements of research and teaching philosophy, and provide names and contact information for four professional references. All application materials must be submitted online at http://www.jobs.vt.edu (posting # TR0130032). Inquiries may be directed to Dr. M.A. Saghai Maroof, smaroof@vt.edu, 540-231-9791. Review of applications will start August 15, 2013 and will continue until a suitable candidate is selected. Virginia Tech is an equal opportunity/affirmative action employer.