Virginia Tech College of Science
Faculty Positions in Interdisciplinary Science/Science Education Research

The College of Science at Virginia Tech (http://science.vt.edu) is expanding its research presence in teaching and learning of undergraduate science with two tenure-track openings in interdisciplinary science/science education, to start Fall 2013 at our Blacksburg, VA Campus. Appointments at the rank of Assistant, Associate, or Full Professor will be made in one of the College’s eight departments: biological sciences, chemistry, economics, geosciences, mathematics, physics, psychology, and statistics. The position signifies a continued University commitment to the importance of educating future STEM professionals, empowering them to address major interdisciplinary societal challenges in energy, the environment, and health. The new faculty members will participate in the College of Science’s recently launched Integrated Science Curriculum (www.science.vt.edu/isc), which serves to build strong research and educational partnerships across the sciences and mathematics. Appointments will be made within the departments that best suit the background and interests of the successful candidates.

Job requirements include a Ph.D. in a scientific field, a research focus in interdisciplinary science/science education, and experience teaching science. The successful candidate will be expected to establish a vigorous research program and to provide effective instruction and advising to a diverse population of undergraduate and graduate students. Other responsibilities include continuing development of professional capabilities and scholarly activities, travel to professional conferences, curriculum development, participation in department, college, and university governance, and professional service. The faculty handbook (available at http://www.provost.vt.edu) provides a complete description of faculty responsibilities.

Preference will be given to scientists experienced in undergraduate interdisciplinary science teaching and learning who demonstrate the potential to create an outstanding research program that explores topics in interdisciplinary science/science education. Science research interests that intersect with existing areas of STEM education at Virginia Tech will be looked upon favorably.

Further information can be found at www.science.vt.edu. Questions regarding the position can be directed to Dr. Barbara Bekken, (bekken@vt.edu). Applications must be submitted online at http://listings.jobs.vt.edu (#TR0122516) and should include a cover letter, curriculum vitae, a research plan, a statement of teaching philosophy that describes an integrated vision for learning in the sciences, and an annotated list of up to five references. Review of applications will begin on December 1, 2012 and continue until the position is filled. As part of the hiring process, the successful applicant must pass a criminal background check.

Virginia Tech is an EO/AA university, and offers a wide range of networking and development opportunities to women and minorities in science and engineering. Individuals with disabilities desiring accommodation in the application process should notify Ms. Mikhelle Taylor, College of Science, (540) 231-5422, or call TTY 1-800-828-1120.