Assistant Professor, Integrative STEM Education

Position: Assistant Professor, Integrative STEM Education. Full-time, tenure-track position with academic year appointment. Start date is August 10, 2016.

Responsibilities: Teach/Advise doctoral and masters students in Integrative STEM Education and other programs as appropriate; develop and conduct research and seek external funding, with an expectation of academic and research collaborations across STEM and STEM education disciplines, resulting in publications in peer-reviewed scholarly journals; provide service and outreach to the School of Education, Virginia Tech, and the professional community.

Required Qualifications: Doctorate in STEM Education or equivalent; educational background in technology and engineering education or demonstrated experiences in the application of technology and engineering education to intentionally teach content and practices of science and mathematics education; strong potential for scholarly publication and external funding; commitment to the preparation of scholars and leaders in Integrative STEM Education; effective communication skills.

Preferred Qualifications: K-12 and/or postsecondary teaching experience in a STEM Education discipline; experience in teaching Integrative STEM Education courses; experience in implementing technological/engineering design based pedagogy; demonstrated capacity for interdisciplinary practices and collaborations; strong evidence of effective teaching, research, scholarship, and outreach; experience with externally-funded projects; demonstrated collaboration across STEM education disciplines; experience in the design, delivery, and assessment of Web-based distance education.

Review of Applications: Scheduled to begin December 10, 2015 and will continue until the position is filled. Candidates must complete their doctorate no later than June 30, 2016 in order to be considered.

Application Process: For full consideration, please apply at www.jobs.vt.edu, posting #TR0150170, and attach the following documents: cover letter, curriculum vitae, copy of doctoral transcript, samples of current research, and list of references. In addition, please have three confidential letters of reference sent directly to Kathy Caldwell (kathyh@vt.edu) via email. The application will not be considered complete until receipt of these three letters.

Salary: Commensurate with qualifications and experience.

For More Information: See http://www.vt.edu, http://www.soe.vt.edu, http://www.soe.vt.edu/istemed, and/or contact Dr. Jeremy V. Ernst, Chair, Integrative STEM Education Search Committee, 115 War Memorial Hall (0313), Virginia Tech, Blacksburg, VA 24061; jvernst@vt.edu; (ph) 540.231.2040; (Fax) 540.231.9075.

Virginia Tech, the Commonwealth's largest land-grant university with more than 30,000 full-time students, is nestled in the beautiful Blue Ridge Mountains. The School of Education offers 23 graduate programs to over 1,600 students. The School provides strong support for faculty and graduate students as it seeks to build capacity for excellence in research, teaching, and high-impact outreach, especially in STEM education and leadership.

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