POSITION ANNOUNCEMENT

TITLE: Assistant Professor, Beef Cattle Genomics

RESPONSIBILITIES: The Department of Animal and Poultry Sciences is searching for an Assistant Professor of Beef Genomics. This is a tenure-track, 9-month appointment with responsibilities in research (70%) and teaching (30%). The successful applicant should have expertise in functional and/or computational genomics. Areas of interest may include but are not restricted to the structure (sequencing, assembly, annotation, etc.) and function of the bovine genome, identification of trait-associated variations in the bovine genome, ruminal microbiome, microbial and environmental influences on the bovine genome, bovine epigenetics, or bioinformatics and computational biology. The individual is expected to develop an extramurally-supported research program and generate significant scholarly outputs that will establish a national reputation in their field. The individual will have an opportunity to collaborate with existing faculty working with beef cattle in the areas of genomics, beef production systems management, nutrition, reproduction, and forage rangeland systems. The individual will also be expected to interact with stakeholders in the Commonwealth of Virginia and beyond. The candidate will have access to the Virginia Tech beef cattle research herd and beef facilities located on campus (Blacksburg), which is in the process of undergoing expansion and renovation. The individual also will have access to beef cattle and facilities at the Shenandoah Valley Agricultural Research and Education Center (Raphine, VA), and at other Virginia Agricultural Research and Extension Centers located throughout the state. The teaching expectation component includes undergraduate and/or graduate level courses in genetics and/or genomics. Undergraduate and graduate education and advising and postdoctoral mentoring is also required.

QUALIFICATIONS: Candidates must have: 1) a Ph.D. in animal sciences or a closely-related field; 2) a vision for developing a sustainable independent research program; 3) an ability and willingness to develop collaborative programs; and 4) a strong interest in undergraduate and graduate education. Preference will be given to candidates with 1) postdoctoral experience; 2) experience utilizing beef as an animal model; and 3) grant writing experience.

SALARY: The position is a full-time, 9-month academic year appointment. Salary is commensurate with education and experience. Virginia Tech offers a comprehensive benefits package.

DATE AVAILABLE: August 10, 2018

APPLICATIONS: Deadline for applications is Feb 15th, 2018 or until the position is filled. Candidates must submit on-line (https://www.jobs.vt.edu) a letter of application, curricula vitae, graduate transcripts, statements of research and teaching interests, and the contact information for at least three professional references. Correspondence should be addressed to:

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Located in the New River Valley, Virginia Polytechnic Institute and State University has an enrollment of more than 30,000. The Town of Blacksburg and the New River Valley is a region noted for its high quality of life and progressive cultural environment. Virginia Polytechnic Institute and State University has a strong commitment to the principle of diversity, and, in that spirit, seeks a broad spectrum of candidates including women, minorities, and people with disabilities.