

THE UNIVERSITY of TENNESSEE, INSTITUTE of AGRICULTURE
Department of Food Science
(<http://foodscience.tennessee.edu/>)

Postdoctoral Researcher in Foodborne Pathogen Bioinformatics

POSITION ANNOUNCEMENT

Postdoctoral Research in Foodborne Pathogen Bioinformatics

Responsibilities:

Work with microbiologists to develop a pipeline for analysis of *Campylobacter* spp. whole genome sequencing data. This will involve processing of raw sequencing reads, genome assembly, submission of data to public databases, variant mapping, and phylogenetic analysis. The individual will also work with public health professionals at the Tennessee Department of Health (TDH). The role in this joint effort will be to provide data based on outputs from the pipeline, which will inform TDH investigations of campylobacteriosis within Tennessee. Additionally, the individual will assist with knowledge transfer by participating as part of a team in workshop and webinar development and delivery.

Required Qualifications: An earned doctorate in Bioinformatics, Computational Biology, Statistics, Microbiology, Food Science, or other relevant field. Demonstrated knowledge of bioinformatics and basic knowledge of relevant computer programming languages (such as Python, Perl, Bash, R, etc). Proven excellence in verbal and written communication skills, including a strong scientific, peer-reviewed publication record in bioinformatics and/or computational biology-related topics. Communicate effectively with non-computational researchers and be time-responsive.

Desired Qualifications: Experience with independent project management and with Linux command line are also highly desirable.

Salary: Commensurate with training and experience.

Benefits: Benefits available include group medical insurance, dental insurance, group and individual life insurance, long-term disability insurance, workers' compensation, retirement plan with UT contribution, sick leave, annual leave, paid holidays and administrative leave days, unemployment compensation, educational discounts, and use of University Services.

Application: The University of Tennessee, Institute of Agriculture is seeking candidates who have the ability to contribute in meaningful ways to the diversity and intercultural goals of the University. Applicants should submit: 1) a letter of application, 2) a curriculum vitae detailing education background qualifications, research and teaching experience, and publications, 3) unofficial transcripts of all college course work, and 4) names and contact information (including e-mail addresses) of three individuals who will serve as references.

Submit all application materials using the following link:

https://ut.taleo.net/careersection/ut_knoxville/jobdetail.ftl?job=17000001BA&tz=GMT-04%3A00

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Date position is available: immediately or agreeable with candidate. Complete applications received by **October 16, 2017** will be assured of consideration. Candidates are required to submit to a background investigation.

All qualified applicants will receive equal consideration for employment and admissions without regard to race, color, national origin, religion, sex, pregnancy, marital status, sexual orientation, gender identity, age, physical or mental disability, or covered veteran status. Eligibility and other terms and conditions of employment benefits at The University of Tennessee are governed by laws and regulations of the State of Tennessee, and this non-discrimination statement is intended to be consistent with those laws and regulations. In accordance with the requirements of Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, and the Americans with Disabilities Act of 1990, The University of Tennessee affirmatively states that it does not discriminate on the basis of race, sex, or disability in its education programs and activities, and this policy extends to employment by the University. Inquiries and charges of violation of Title VI (race, color, national origin), Title IX (sex), Section 504 (disability), ADA (disability), Age Discrimination in Employment Act (age), sexual orientation, or veteran status should be directed to the Office of Equity and Diversity (OED), 1840 Melrose Avenue, Knoxville, TN 37996-3560, telephone (865) 974-2498 (V/TTY available) or 974-2440. Requests for accommodation of a disability should be directed to the ADA Coordinator at the Office of Equity and Diversity.

