Assistant Professor Position in Pathogen Ecology,
University of Tennessee, Knoxville
The Department of Microbiology at the University of Tennessee is seeking candidates for a tenure-track faculty appointment at the Assistant Professor level focusing on the ecology and/or transmission of animal or plant pathogens. Competitive applicants will have a PhD and at least two years postdoctoral experience. The successful candidate is expected to establish an innovative, externally-funded research program and contribute to the departmental teaching mission at the undergraduate and graduate levels. Specific areas of interest include, but are not limited to:

- Interactions of vector-borne pathogens with their vectors, including the microbiome, and their hosts.
- Interactions of pathogens with the microbiomes of environmental reservoirs.
- Microbiomes of animal reservoirs (e.g., birds and other wild animals) to assess their role in pathogen colonization and disease transmission.
- Laboratory model systems that study the links between animal microorganisms and disease.
- Infectious disease epidemiology, including population and community level studies of the interactions between pathogens and their hosts and developing theoretical models to identify environmental reservoirs of disease.
- The water-energy-food-health nexus and its impacts on health and disease.

Our faculty ([http://micro.utk.edu/](http://micro.utk.edu/)) have broad interests in microbial pathogenesis and microbial ecology, with labs using archeal, bacterial, fungal, protozoan, and viral models, with work in mammalian, avian, plant, and invertebrate hosts. Candidates with experimental approaches that complement or strengthen any of these areas will be given full consideration. Our department has strong interdisciplinary ties to engineering, chemistry, veterinary, and material science labs, as well as the National Institute for Mathematical and Biological Synthesis (NIMBioS), the UT Institute of Agriculture (UTIA), Oak Ridge National Lab (ORNL), and the University of Tennessee Medical Center in Knoxville. A competitive salary and generous start-up package, as well as ample laboratory space, are available. Interested applicants should send as a single PDF, a cover letter, a CV, contact information for at least three references, a 1-3 page research statement, and a 1 page teaching philosophy, to pathogenecology@utk.edu by October 1, 2017 for full consideration.

The Department of Microbiology values the quality of life of all its members, and is committed to recruiting and retaining a diverse faculty and to supporting the intercultural goals of the University.

The University of Tennessee is an EEO/AA/Title VI/Title IX/Section 504/ADA/ADEA institution in the provision of its education and employment programs and services. All qualified applicants will receive equal consideration for employment without regards to race, color, national origin, religion, sex, pregnancy, marital status, sexual orientation, gender identity, age, physical or mental disability, or covered veteran status.