



THE UNIVERSITY OF
TENNESSEE
KNOXVILLE

Multiple Track and Rank Faculty Positions in Microbiology, Immunology, Plant-Microbe Interactions and Microbial Physiology

The Department of Microbiology at the University of Tennessee at Knoxville is seeking candidates for **three tenure-track and one lecturer/lab coordinator faculty appointments**. Successful candidates are anticipated to start these positions August 1, 2024. UTK is a land-grant university and values engaged forms of research/scholarship/creative activity, teaching and service and considers evidence of these commitments in the records of applicants.

Position 1. We seek candidates at the rank of Associate or Full Professor (9-month, tenure-track) researching plant-associated microbes using molecular, genetic, biochemical, mathematical modeling and/or cell biology approaches. Specific areas of interest include, but are not limited to:

- Plant-microbe interactions in the context of resilience in agricultural ecosystems and maintaining plant-growth promoting microbes
- Plant-microbe-mediated resistance and mitigation of pathogens
- Mechanistic linkage of plant-microbiome composition, function and crop growth from microscopic to regional scales
- Tritrophic interactions among plants, microorganisms, pollinators, and/or herbivores

Full details available here: <http://apply.interfolio.com/131119>

Position 2. We seek candidates at the rank of Assistant Professor (9-month, tenure-track) that study host immune responses to microbes using molecular, genetic, biochemical, and/or cell biological approaches. Specific areas of interest include, but are not limited to:

- Host responses to bacteria, fungi, protozoa (parasites), viruses, and/or helminths
- Innate or adaptive immune responses to microbes
- Innovative model systems for host-microbe immune focused interactions, including primary, zoonotic, and opportunistic pathogens or commensal species
- Immune interactions at mucosal surfaces, including lungs, is of particular interest, but any niche will be considered

Full details available here: <http://apply.interfolio.com/130937>

Position 3. We seek candidates at the rank of Assistant Professor (9-month, tenure-track) in the area of microbial physiology. Specific areas of interest include, but are not limited to:

- Experimental models that answer the “how” and “why” of microbial systems
- The physiology of microorganisms including bacteria, eukaryotes, and archaea
- The physiological effects of viral infection on microorganisms
- Interactions of microbes with their microbiomes and environments
- Lab model systems that resolve mechanistic links between microbes or microbiomes and their environment

Full details available here: <http://apply.interfolio.com/130406>
