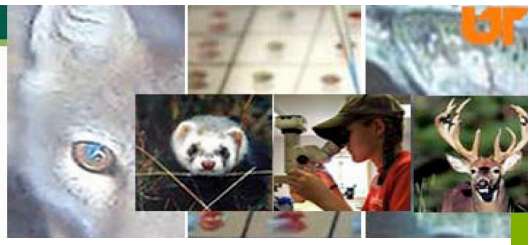
The Center for Wildlife Health



Research Technician – Microbiology

Description

The Center for Wildlife Health located in the Institute of Agriculture at the University of Tennessee-Knoxville (UTK) is seeking a part-time Research Technician to assist with the diagnostics of wildlife pathogens. This is a grant-funded research position for a one-year term, with continued renewal dependent upon the availability of future funding. The individual will work with a multi-disciplinary and multi-institutional team investigating the pathogenicity and transmission dynamics of the recently discovered chytrid fungus, *Batrachochytrium salamandrivorans* (*Bsal*). The individual will perform DNA extractions, quantitative PCR, and prepare H&E slides from amphibian samples collected during controlled laboratory experiments. Culturing *Bsal* for experiments also will be a responsibility. Immediate supervisors will be Drs. Matthew Gray, Patrick Cusaac, and Debra Miller. This is a temporary (<30-hours per week), hourly position with no benefits. UTK pay grade 32-34, dependent upon the selected candidate's qualifications. Review of applications will begin **September 1, 2017**, and remain open until filled.

Qualifications

Education: High school (HS) diploma or equivalent; post-HS degree preferred.

Experience:

Molecular and microbiological techniques used in culturing and detecting pathogens and diagnosing diseases. The successful candidate will be required to extract genomic DNA from animal tissues and swabs using a Qiagen DNeasy kit, quantify DNA using a Qubit fluorometer and Quant-iT dsDNA BR Assay Kit, perform quantitative polymerase chain reaction (qPCR) using a ABI Prism 7900HT, and analyze qPCR results using Quantstudio software. The candidate also will prepare Hematoxylin and Eosin (H&E) stained slides for light microscopy and assist with culturing *Bsal* in agar plates.

Preferred Job Skills:

Molecular and microbiological skills, sterile laboratory procedures, organizational and data recording skills, and experience with qPCR, cell culture, histology, and flow cytometry.

Applying

Interested candidates should submit a cover letter summarizing experience and professional interests and a CV with at least three references through UTK Human Resources: http://hr.tennessee.edu/jobs/ (select “external applicants” under staff positions then search **170000016Y** in keywords, scroll through list and find position, or click on direct link below). Questions about the position can be directed to Drs. Matthew Gray (mgray11@utk.edu), Patrick Cusaac (jcusaac@utk.edu) or Debra Miller (dmille42@utk.edu). Review of applications will begin on **1 September 2017**, and remain open until filled.

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 regard to race, color, national origin, religion, sex, pregnancy, marital status, sexual orientation, gender identity, age, physical or mental disability, or covered veteran status.

UTK Human Resources Direct Application Link

https://ut.taleo.net/careersection/jobdetail.ftl?job=170000016Y&lang=en#.WZc-qMOiEd8.mailto