



**Assistant / Associate Professor
Molecular Diagnostics
College of Veterinary Medicine
Washington State University
Pullman, WA 99164-7040**

DESCRIPTION OF POSITION:

This is a full-time (12 month) permanent career-track Assistant/Associate Professor of Clinical Microbiology position in the College of Veterinary Medicine.

BACKGROUND: The Washington State University (WSU) College of Veterinary Medicine (CVM) including the Paul G, Allen School of Global Health (Allen School), the Department of Veterinary Microbiology and Pathology (VMP) and Washington Animal Disease Diagnostic Laboratory (WADDL) in Pullman, WA seek to fill 3 full-time (12 month) permanent faculty positions to strengthen and grow our core programs in clinical microbiology, emerging infectious disease/zoonotic disease research, diagnostic medicine (including laboratory oversight, client outreach and industry stakeholder engagement) and public health/global health programming. Faculty within this cluster hire will have opportunities to teach in undergraduate, graduate and/or the DVM professional curriculum (areas of emphasis include public health and infectious disease, among others). In addition, the CVM is home to a long-standing, highly recognized Clinical Microbiology Residency training program. Faculty within this cluster hire will variably focus on research, clinical service (unit leadership / outreach / residency training, diagnostic medicine) and/or teaching depending on the candidate's interests and skill sets. The 3 faculty lines include a mix of tenure/tenure track (research emphasis) and career track (clinical microbiology/ diagnostic medicine emphasis) lines. The goal is to emphasize innovative, cross-disciplinary programmatic development in areas in which WSU CVM already excels.

RESPONSIBILITIES: This position will have an emphasis on clinical service, outreach, and clinical training in WADDL (approximately 45%) with balanced effort in applied research and less effort in academic service and formal, didactic teaching. Final effort distribution will be based on candidate qualifications and interest. The final candidate's field of interest and qualifications will help identify the position academic home in the Department of Veterinary Microbiology and Pathology or the Paul G, Allen School of Global Health.

Clinical Service/ Outreach/ Clinical Training: The incumbent may be expected to provide general laboratory oversight and leadership of the molecular diagnostics WADDL laboratory (and lesser shared responsibilities in the virology/immunology, bacteriology and/or immunodiagnostics laboratories) including maintaining laboratory accreditation requirements and managing staff including a laboratory manager. Diagnostic Clinical Service efforts will be on a rotational basis with other faculty within the microbiology core that will include coordination of cases and testing. When serving in the Clinical Service Rotation, effort will also be directed towards Clinical Teaching, which includes instruction and advising of students in the Clinical Microbiology Residency Program. Outreach efforts will include consultation, communication with and presentations to veterinarians, veterinary students, and animal owner users of WADDL, as well as external state and federal animal and public health agencies working with WADDL.



Research: The preferred candidate will be expected to have a portion of their scholarly activity dedicated to the development, optimization, and validation of molecular diagnostic assays that are relevant to infectious and emerging infectious diseases of terrestrial, aquatic, and wildlife species. This could include NGS-based analyses of DNA and RNA genomes, that addresses the diagnosis and surveillance of infectious diseases, detection and characterization of emerging infectious diseases, public health, epidemiology, antimicrobial resistance, or other related disciplines. This program could include collaborative, applied, field-based, and multi-disciplinary research and has the expectation for creative publication as a primary or co-author in the above areas. The research area should be compatible with existing research foci on infectious diseases. These include vector-borne, zoonotic, viral, bacterial, and protozoal diseases. The candidate will be expected to write capacity grants, USDA NAHLN grants as well as small research grants.

The successful candidate will be expected to establish effective collaborations with current WSU programs across departments and be active team member in the college's graduate program, including mentoring or co-mentoring graduate students and serving as a member of student advisory committees.

Teaching: The successful candidate will have formal/didactic teaching opportunities in the CVM curriculum and WSU graduate programs related to infectious diseases based the final distribution of responsibilities and interest in teaching.

Academic Service: The successful candidate will be expected to participate at the departmental, college, university, discipline, and national levels. This could include service such as search committees, task forces, college or university committee service, manuscript and grant review, peer review of teaching, and conference development. Departmental camaraderie and collegiality through participation in academic service is expected.

The successful candidate must demonstrate commitment to excellence by providing leadership in research, teaching, or service towards building an equitable and diverse scholarly environment.

QUALIFICATIONS:

Required:

1. A DVM (or equivalent degree from an AVMA accredited institution), or AVMA Educational Commission for Foreign Veterinary Graduates certification
2. Advanced degree (MS or PhD) in the field of infectious disease, molecular biology, or a related discipline earned by the time of hire
3. Diplomate status or board eligibility in the American College of Veterinary Microbiologists (ACVM) at the time of hire
4. Demonstrated experience in molecular diagnostics.

Desirable Qualifications:

1. Experience in veterinary diagnostic laboratory medicine and outreach
2. Demonstrated ability to effectively communicate with diagnostic laboratory collaborators, clients, clinicians, and practitioners
3. Demonstrated ability to communicate with students in a teaching or small group environment



4. A record of teaching at graduate and/or professional medical levels
5. A record working in interdisciplinary collaborative programs
6. A record of scholarly productivity consistent with the level of experience and appropriate to rank (Assistant or Associate), as evidenced by collaborative publication of results in peer-reviewed scientific journals

This position functions in the role of public veterinary medical practice which has been identified as veterinary shortage situation in the National Veterinary Medical Service Act (NVMSA). Veterinarians recruited into this position may be eligible for the NIFA Veterinary Medicine Loan Repayment Program (VMLRP) providing up to \$25,000 each year towards qualified educational loans for three years.

APPLICATION DEADLINE: Applications received by September 1, 2022, will be considered in the initial review process. Applications must be submitted electronically through www.hrs.wsu.edu/jobs. The online application will need to include a letter of application; curriculum vitae; summary statement describing research plans; statement describing contributions to equity, diversity, and inclusion; and contact information for three references including name, title, organization, phone number and email address. The application letter should indicate the applicant's short- and long-term goals and outline her/his qualifications for the position, including research interests and accomplishments. Start date for successful applicant: ASAP.

WSU employs only U.S. citizens and lawfully authorized non-U.S. citizens. All new employees must show employment eligibility verification as required by the U.S. Immigration and Naturalization Services.

WSU IS AN EQUAL OPPORTUNITY/AFFIRMATIVE ACTION EMPLOYER

Members of ethnic minorities, women, Vietnam-era or disabled veterans, persons of disability, and/or persons over the age of 40 are encouraged to apply.