MICHIGAN STATE UNIVERSITY | College of Veterinary Medicine

***Position announcement*:**
Assistant/Associate/Full Professor in Anatomic Pathology
Department of Pathobiology and Diagnostic Investigation and Veterinary Diagnostic Laboratory

The Department of Pathobiology and Diagnostic Investigation (PDI) and the Veterinary Diagnostic Laboratory (VDL) in the College of Veterinary Medicine (CVM) at Michigan State University (MSU) invite applications for a multi-year, renewable Health Programs (HP) Faculty Appointment position in Anatomic Pathology at the rank of Assistant, Associate, or Full Professor, depending on qualifications and experience. The successful applicants will be prepared to enhance the service, teaching/training, research, and outreach missions of the CVM and VDL. The individual will be expected to spend a minimum of 50% time on diagnostic service (biopsy and necropsy). The remainder of the appointment will be tailored to the successful applicant's interests and experience in teaching, research, and outreach/academic service. We encourage applications from candidates with an interest in liver pathology or dermatopathology, but this is not required.

The Department of Pathobiology and Diagnostic Investigation (PDI) addresses contemporary and emerging issues in human and animal health by advancing knowledge in biomedical sciences, leading the continued development of diagnostic methods that meet ever-evolving needs, and providing exceptional professional training in the diverse and multi-disciplinary fields of pathobiology. PDI delivers innovative pre-clinical and clinical education that fosters exploration and provides knowledge in the Doctor of Veterinary Medicine Degree Program; develops the next generation of scientists through multi-disciplinary and innovative graduate programs leading to the Doctor of Philosophy Degree in the Comparative Molecular and Integrative Biology (CMIB) program; creates an environment where faculty, researchers, and students conduct innovative research that generates new knowledge in pathology; and supports the mission of Michigan State University, contributing to science and public health by developing new solutions to the world's health challenges and disseminating that knowledge through scholarly and community engagement.

The MSU VDL is one of the premier veterinary diagnostic laboratories in the world and provides full-service laboratory support to the MSU Veterinary Medical Center (VMC) using state-of-the-art facilities and equipment, as well as to clients nationally and internationally. The VDL anatomic pathology section provides surgical and molecular pathology and necropsy services for all species. The surgical pathology service receives submissions from around the world, with more than 19,000 biopsy submissions in 2023. The service incorporates specialized testing and services, including oncopathology, dermatopathology, ocular pathology, and hepatic and gastrointestinal specialties; melanoma and mast cell tumor diagnostics and prognostication; lymphoma clonality testing; automated immunohistochemistry and in situ hybridization; and genetic testing.

The necropsy service has large, well-equipped BL2 and BL3 necropsy suites, designated rooms for avian necropsies, demonstration viewing areas, and advanced telecommunication and digital gross imaging equipment. Other capabilities include performance of GLP studies, laser capture microdissection, generation of tissue microarrays, and electron microscopy. The VDL is devoted to staying on the cutting edge of diagnostics, including a 'green' (xylene-

free) histology department with automated slide staining and cover-slipping, digital PCR, and next-generation sequencing. In addition, the section hosts a large and well-established residency program that provides faculty the opportunity to participate in training the next generation of veterinary diagnosticians.

Applicants must have a Doctorate in Veterinary Medicine (DVM) or equivalent degree and board certification or eligibility by the American or European College of Veterinary Pathologists (ACVP or ECVP). The appointed individual must be strongly committed to providing outstanding professional diagnostic services in anatomic pathology for our private veterinary general practitioners, specialty veterinary clinics, and other diverse clients of the MSU VDL. The VDL is the primary pathology service for six zoos, the Michigan Department of Natural Resources, and the Michigan Department of Agriculture and Rural Development. Within MSU, the VDL supports the research community and serves colleagues at the VMC. The VMC is a major referral center for companion animals, horses, production animals (livestock), and occasionally exotic species. It has outstanding veterinary medical professionals and facilities and offers an excellent environment for professional growth and advancement in anatomic pathology.

Health Programs (HP) appointments are unique to Michigan State University and are predicated on the need to enhance programs in education, clinical/diagnostic service, and collaborative research. Health Programs (HP) appointments emphasize diagnostic service and teaching, although these positions are flexible to allow ample time for research and scholarly activity. A complete description of the Michigan State University HP system is available at: https://hr.msu.edu/policies-procedures/faculty-academic-staff/health-programs-faculty-handbook/. The successful candidates will participate in the laboratory's outreach mission, the preclinical and/or clinical training of DVM students, and the advising, mentoring, and instruction of graduate students and pathology residents. Participation in collaborative research and publication, including utilization of diagnostic materials in a scholarly manner, is encouraged.

Opportunities abound for the candidate to participate in exciting collaborative and interdisciplinary research through MSU’s strong focus on comparative medicine and One Health. Formal and informal mentorship is a priority, and promoting a diverse, inclusive, collegial, safe, and cooperative work environment where work-life balance is expected is championed.

Michigan State University, the pioneer land-grant school, is one of the top research universities in the world where veterinary science has been taught since its foundation in 1855 alongside the Colleges of Osteopathic Medicine, Human Medicine, and Nursing. East Lansing's collegiate atmosphere is complemented by a low cost of living with convenient access to major airports and large cultural centers such as Ann Arbor, Grand Rapids, Detroit, and Chicago. East Lansing and surrounding communities provide excellent public school systems. In addition, Michigan, the Great Lakes State, with its numerous inland lakes and rivers, state and national parks, national lakeshores, world-class golf courses, and snowfall, offers a wide variety of seasonal outdoor recreational activities. Visit the Pure Michigan© website, www.puremichigan.org, for more details.

Salary and rank are commensurate with qualifications and experience. Informal inquiries to the Search Committee Chair, Dr. Victoria Watson, are welcome (phone: 517-884-4519;

email: watsonvi@msu.edu) or visit our website https://cvm.msu.edu/PDI. Review of applications will be initiated May 13, 2024, and continue until the position is filled.

To apply, go to: https://jobs.msu.edu. Applicants should submit (1) a current *curriculum vitae*; (2) a letter of intent specifying their qualifications, professional experience, teaching philosophy, career goals, and commitment to diagnostic service; (3) a statement on their commitment to diversity, equity and inclusion; and (4) the names and contact information for three professional references who will be asked to evaluate the candidate's diagnostic acumen, interpersonal and communication skills, teaching attributes, ethics and professionalism, and research experience and potential.

MSU is an affirmative action, equal opportunity employer and is committed to achieving excellence through cultural diversity. The university actively encourages applications and nominations of women, persons of color, veterans, and persons with disabilities.