

### **Assistant, Associate, or Full Professor – Diagnostic Pathology**

#### **Tenure-track or Clinical-track**

Veterinary Diagnostic Laboratory

Requisition# **R14315**



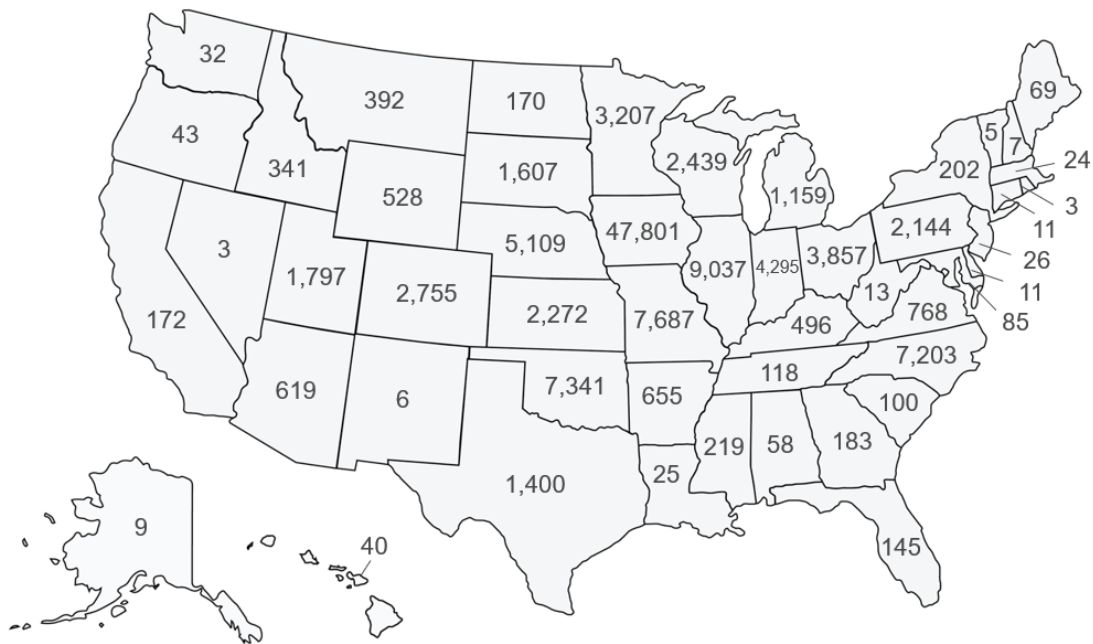
The Department of Veterinary Diagnostic and Production Animal Medicine (VDPAM) at Iowa State University in Ames, Iowa invites nominations and applications for a full-time tenure track or clinical term faculty position at the rank of Assistant Professor, Associate Professor, Professor, or Clinical Assistant, Clinical Associate, or Clinical Professor in diagnostic pathology in our Veterinary Diagnostic Laboratory (ISU VDL).

VDPAM was created in 1997 to strategically grow the resources and emphasis in production animal medicine at the ISU College of Veterinary Medicine. VDPAM consists of approximately 55 faculty and 200 staff. Most of our faculty and staff serve food animal agriculture through service units in the ISU VDL, the Lloyd Veterinary Medical Center's Food Animal and Camelid Hospital, and the Veterinary Field Services unit. Faculty actively collaborate in applied research efforts and activities across service units.

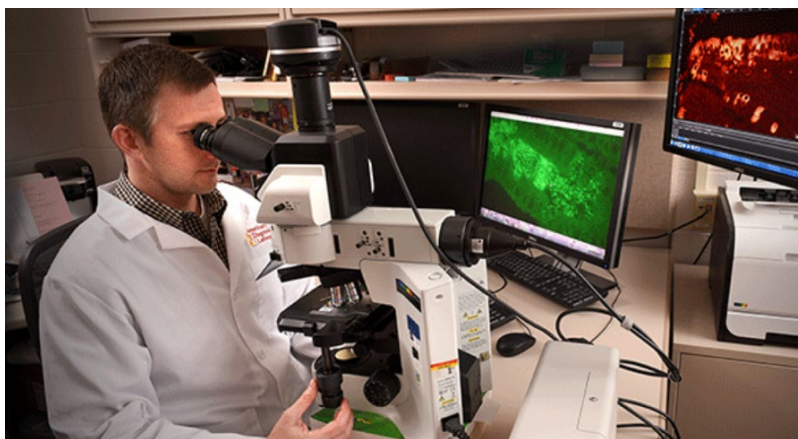


The ISU VDL is an AAVLD-accredited, full-service laboratory that serves veterinarians and animal owners of Iowa and throughout the United States. The ISU VDL is a Level 1 lab in the National Animal Health Laboratory Network (NAHLN).

### Geographical origin of ISU VDL cases in 2023:



The caseload is diverse. While swine make up a majority of submissions, ISU VDL diagnostic pathologists handle all species including ruminants, companion animals, zoo animals, and exotics. The primary responsibility of this position will be to provide diagnostic pathology support and deliver comprehensive diagnostic case information in a concise and well-organized manner to practicing veterinarians and other animal health professionals. The ability to interact, communicate, and collaborate with progressive practicing veterinarians and other stakeholders in animal agriculture is essential.



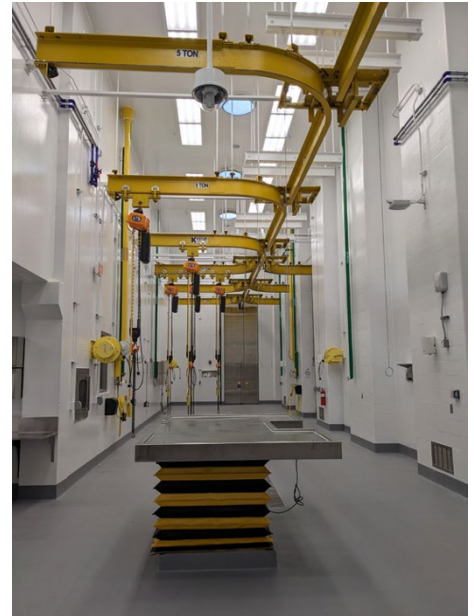
The person in this position may also have the opportunity to establish a collaborative applied research program in areas such as infectious disease epidemiology, diagnosis, pathogenesis, and control. The successful applicant will also be expected to aid in the development and implementation of new diagnostic procedures, to assist in maintaining quality assurance programs, and to teach veterinary students in both classroom and laboratory settings.



The ISU VDL provides quality diagnostic services including necropsy, bacteriology, serology, histopathology, virology, parasitology, molecular diagnostics, next-generation sequencing, epidemiology, toxicology, and other analytical services. The pathology section utilizes state of the art instrumentation including routine digital slide scanning for diagnostic cases, fluorescent and chromogenic *in situ* hybridization, RNAscope, and HALO® digital image analysis. In 2024, the ISU VDL began operations in a new 100,000 square foot, state-of-the-art facility.



*Case Processing Suite and Small Animal Necropsy*



*Large Animal Necropsy*

**Position Qualifications:**

	Essential	Desirable
DVM (or equivalent) with at least 2 years of advanced training in anatomic pathology post-DVM.	✓	
Working knowledge and experience with production animal medicine.		✓
Demonstrated working experience coordinating cases in a veterinary diagnostic laboratory.		✓
ACVP, ECVP, or JCVP diplomate or board eligible.		✓
Demonstrated ability to instruct veterinary students, pathology residents, and other trainees.		✓
MS or PhD in veterinary pathology or related field.		✓
A service-first mindset and desire to be part of a pathology team.	✓	

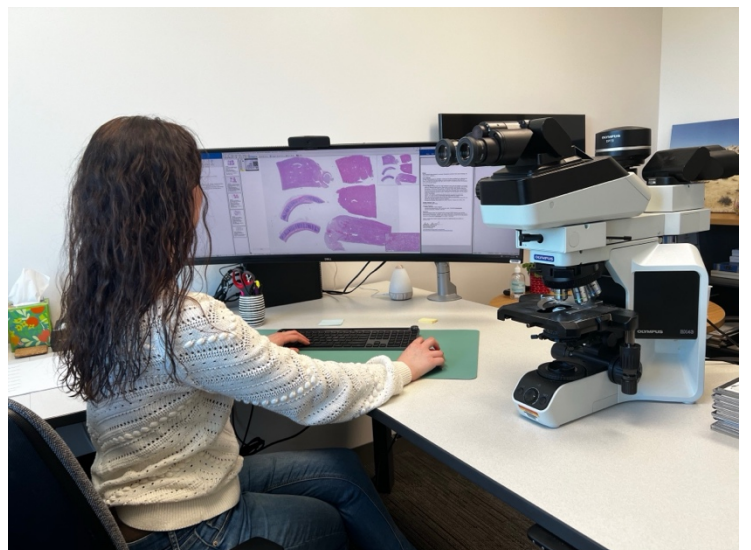
## What to expect for case coordination support at the ISU VDL:

Our pathologists review and evaluate all diagnostic submissions requesting histopathology. We have on average 3 to 5 necropsy technicians who assist the pathologists on duty with case processing, sample organization, and preparation for submission to other laboratory sections. Each pathologist makes gross assessments of all tissues and determines appropriate ancillary diagnostic testing on their cases before forwarding fixed tissues for trimming.



Our histology technicians perform gross trimming and standard processing of fixed tissues and deliver hematoxylin and eosin-stained slides to the pathologist the following morning. The ISU VDL has 2 Leica Aperio GT-450 digital slide scanners and we routinely create 40x whole slide images of all diagnostic slides for pathologist review. Our histology sections offers all common special stains and an extensive catalog of IHCs targeting antigens of food animal pathogens.

We have a proprietary ‘case coordination cockpit’ within our laboratory information management system that provides the pathologist with simultaneous, real-time access to all relevant case information and available ancillary test results as they are entering histopathology results and interpretative comments. The interface updates automatically and includes ‘one click’ access to scanned slides associated with each diagnostic case from within the case coordination window.





## About Iowa State University

By focusing on the future and providing the best student experience possible, Iowa State attracts students and faculty who want to make a difference. With a comprehensive land-grant mission of education, research, extension, and outreach, we produce scholars whose ideas change the world. Through Innovate at Iowa State, we provide innovative and entrepreneurial opportunities for students of all backgrounds. Located just 30 minutes north of Des Moines, the city of Ames is frequently named as one of the best places to live in the U.S. for its friendly people and overall quality of life.



To apply for this position, please go to <https://jobs.iastate.edu> and search for **R14315**, click on “Apply” and complete the Employment Application. Please be prepared to enter or attach the following:

- 1) Resume/Curriculum Vitae
- 2) Letter of Application/Cover Letter addressing the required and preferred qualifications of the job posting
- 3) Contact Information for Three References (external to Iowa State University)

If you have questions regarding this application process, please email [employment@iastate.edu](mailto:employment@iastate.edu) or call 515- 294-4800 or Toll Free: 1-877-477-7485.