

**Combined Pathology and Research Training or Research Training Following Residency  
NIH Comparative Biomedical Scientist Training Program**

National Cancer Institute, Center for Cancer Research, Bethesda, MD

The National Cancer Institute (NCI) Center for Cancer Research (CCR) anticipates training opportunities in veterinary pathology and research within the NIH Comparative Biomedical Scientist Training Program (CBSTP), leading to a Ph.D. and board eligibility, to **begin July 1, 2025**. The CBSTP is an NCI-administered Graduate Partnerships Program (GPP) that is conducted with a consortium of universities that includes the following Colleges of Veterinary Medicine:

- \* **Michigan State University** – Program in Pathobiology and Diagnostic Investigation- Veterinary pathology
- \* **Purdue University** – Program in Comparative Pathobiology- Veterinary pathology
- \* **Colorado State University** – Dept. of Microbiology, Immunology, and Pathology- Veterinary pathology, microbiology, and laboratory animal medicine
- \* **University of Pennsylvania** – Program in Biomedical Graduate Studies- Veterinary pathology and a variety of clinical disciplines
- \* **University of Maryland** – Program in Comparative Biomedical Sciences- Veterinary pathology and flexible programs following prior residency / clinical training tracks

**The NCI CCR is joined by the National Institute of Allergy and Infectious Diseases (NIAID), the National Heart, Lung, and Blood Institute (NHLBI), and the National Institute of Neurological Disorders and Stroke (NINDS)** in offering a comprehensive training program for veterinary clinician scientists. The objective of this program is to provide training opportunities for veterinarians to train in pathology and in comparative biomedical research. Trainees will obtain expertise in animal health and models of human disease and make beneficial societal impacts in One Health. Support provided by the NIH and university partners in our legacy program in veterinary pathology is in the process of being expanded to include a variety of new distinct tracks in microbiology, internal medicine, oncology, neurology, cardiology, radiology/imaging sciences, surgery, laboratory animal medicine, and others to lead veterinary medicine's next contributions to public health.

CBSTP pathology trainees take advantage of the outstanding veterinary pathology training expertise and graduate education resources at a partnership university for up to 2 years. This is followed by relocation to the intramural laboratories of the NIH in Bethesda, Maryland for additional pathology and research training leading to eligibility for board certification and a Ph.D. The four NIH institutes are home to many well-established scientists who serve as Ph.D. dissertation research mentors in dynamic world-class laboratories in a wide variety of disciplines. In addition, NIH has 12 Maryland-based ACVP-certified veterinary pathologists working as diagnosticians and investigative pathologists. Successful applicants will join 12 other veterinary pathologists currently in training.

Trainees may enter the program at the initiation of their veterinary specialty training, during training, or following residency. The program may accommodate trainees in clinical pathology.

Support includes stipend (post-DVM entry \$65,100 per year, based upon relevant experience and NIH intramural research program (IRP) funding support), tuition, health insurance benefits, an allowance for relocating from the university training phase to the NIH while in the program, as well as meeting travel and other training support. The training fellowship typically provides support for five or more years.

DHHS, NIH, NCI, NHLBI, NINDS, and NIAID are Equal Opportunity Employers

### **How to Apply / Contact**

Eligible candidates must be U.S. citizens or U.S. permanent residents and possess a D.V.M., V.M.D., or equivalent degree from a recognized college of veterinary medicine. Candidates may apply for training to commence immediately following veterinary school, or later from any residency program for research training if they have less than five years total postdoctoral experience post-D.V.M.

Apply online through the NIH Graduate Partnerships Program at <https://www2.training.nih.gov/xfer/nihac> using the GPP-Comparative Biomedical Scientist Training Program (GPP-CBSTP) application. The website for online applications opens on June 8, 2024. For full consideration, apply by August 8, 2024, 12:00 pm (noon); we will continue to accept applications up until a class is selected. Formal review of applications begins on August 8, 2024, and continues until a class is selected. Reference letters are due by September 8, 2024. Candidates for NIH fellowships must pass a background review for non-sensitive federal positions.

For more information contact R. Mark Simpson, D.V.M., Ph.D., Diplomate, ACVP; Heather Shive, D.V.M., Ph.D., Diplomate, ACVP; and Dan Villiers Farrow at [ncimolpathol@mail.nih.gov](mailto:ncimolpathol@mail.nih.gov).

The program website <http://nih-cbstp.nci.nih.gov/> offers detailed information about the program, its participants, and completing the application.