

Cummings School of Veterinary Medicine, Tufts University

Field	Proposed updated text
Organization/Company	Cummings School of Veterinary Medicine at Tufts University
Location	North Grafton, Massachusetts
Website	https://vet.tufts.edu/veterinary-diagnostic-laboratory
Pathology Environment	Academic veterinary diagnostic laboratory receiving anatomic pathology cases (biopsy and postmortem) and clinical pathology cases (hematology, clinical chemistry, cytology, urinalysis, coagulation, body fluid analysis, and other laboratory testing) from Cummings School teaching hospitals and clinics, Tufts Wildlife Clinic, Tufts Veterinary Field Service, and external veterinary practices.
Discipline/Field of Study	Anatomic Pathology and Clinical Pathology
Length of Externship	Typically 1 to 2 weeks, depending on service availability and the applicant's goals. Dedicated anatomic pathology, dedicated clinical pathology, and combined anatomic/clinical pathology externships may be considered.
Time of Year	Offered throughout the year, subject to service schedules and coordinator availability. Externship spots are limited, and Summer months are typically in highest demand, so early application is encouraged.
Funding	No
Housing Provided	No

Description of Externship

Cummings School of Veterinary Medicine at Tufts University offers veterinary pathology externship opportunities through Cummings School Veterinary Diagnostic Laboratory (CVDL). Externs may request an anatomic pathology, clinical pathology, or combined anatomic/clinical pathology experience, depending on availability, duration of the externship, and the applicant's training goals.

The diagnostic caseload is diverse and multi-species. Submissions are received from Cummings School clinical services and external veterinary practices and include small companion animals, horses, alpacas, small ruminants, exotic and zoologic species, and wildlife.

Anatomic Pathology Externship

The anatomic pathology externship provides exposure to biopsy and postmortem diagnostic pathology in an academic veterinary teaching hospital environment. The necropsy service provides diagnoses for approximately 500 cases annually, and the biopsy service provides diagnoses for approximately 1,700 cases annually, primarily from the teaching hospitals.

Activities may include participation in the pathology rotation with Tufts senior veterinary students, observation or participation in postmortem examinations, attendance at weekly pathology rounds

(gross pathology rounds, histopathology seminar, and surgical pathology rounds), participation in combined specialty rounds as available, participation in surgical biopsy service with pathology faculty and residents, and study of histopathology slide sets. Additional activities can be arranged depending on time, service schedule, and the extern's interests.

Clinical Pathology Externship

The clinical pathology externship provides exposure to diagnostic laboratory medicine in an academic clinical pathology service. CVDL receives a large annual clinical pathology caseload, including more than 3,200 cytology and fluid analyses, 13,000 complete blood counts, and 17,000 clinical chemistries.

Activities may include observation and case discussion on the clinical pathology diagnostic service, review of blood films and CBC interpretation, cytology case review, body cavity, synovial, and cerebrospinal fluid analysis, urinalysis and sediment interpretation, coagulation and clinical chemistry interpretation, exposure to laboratory instrumentation and quality control, participation in clinical pathology rounds or journal club as available, and discussion of cases with clinical pathology faculty and residents.

Application Process

Externships are filled on a first-come basis and are subject to service capacity and faculty availability. The Summer months are typically in highest demand, so early application is encouraged.

Applications should include a curriculum vitae, a brief letter of intent, preferred externship dates, desired length of externship, area of interest (anatomic pathology, clinical pathology, or combined anatomic/clinical pathology), current veterinary school and year of training, and contact information.

Applicants interested in anatomic pathology should contact Dr. Laura White. Applicants interested in clinical pathology should contact Dr. Francisco O. Conrado. Applicants requesting a combined experience may contact either coordinator and should clearly indicate their interest in both disciplines.

Contact

Anatomic Pathology	Clinical Pathology
Dr. Laura White Anatomic Pathology Externship Coordinator Department of Comparative Pathobiology Cummings School of Veterinary Medicine at Tufts University Cummings School Veterinary Diagnostic Laboratory 200 Westboro Road North Grafton, MA 01536 Email: Laura.White@Tufts.edu	Dr. Francisco O. Conrado Clinical Pathology Externship Coordinator Department of Comparative Pathobiology Cummings School of Veterinary Medicine at Tufts University Cummings School Veterinary Diagnostic Laboratory 200 Westboro Road North Grafton, MA 01536 Email: Francisco.Conrado@Tufts.edu