



UNIVERSITY
OF WYOMING



GRADUATE POSITION IN WILDLIFE ANIMAL DISEASE

The Department of Veterinary Sciences at the University of Wyoming is seeking a highly motivated Master's student interested in viral diseases of wildlife. Project goals are to expand our knowledge of the epidemiology and ecology of an adenovirus causing hemorrhagic disease in cervids. Specific goals are to catalog virus genotypes based on location, time, host species, and disease outcome, and to determine the prevalence and distribution in the Rocky Mountain west and Pacific coastal regions. The project includes laboratory assays (antibody detection, PCR, sequencing) as well as sample collection from necropsies and possible field work. The project will make use of archived samples from the Wyoming State Veterinary Laboratory in collaboration with the Wyoming Game and Fish Department, and samples from collaborators in other states. Preferred candidates will be inquisitive, have strong communication and problem solving skills, and be able to work independently. The position comprises a graduate assistantship, medical insurance, and tuition waiver.

Applicant must have a bachelor's degree in a related field (biology, veterinary science, zoology, microbiology, wildlife management, ecology, etc.) and have an interest in wildlife disease. Applicant needs to be highly motivated and have the ability to work with minimal supervision, and the ability to interact well with other students, co-workers and faculty. Interest in epidemiology, GIS, statistics and modeling are required. Additional preferred skills include working knowledge of MS Office and laboratory bench top skills such as PCR, Sanger sequencing and sequence analysis.

To apply for this position, send a current curriculum vitae and letter of interest/career goals, unofficial transcripts of all college coursework, GRE scores, and the names and contact information for three professional references to:

Dr. Myrna Miller, University of Wyoming, Wyoming State Veterinary Laboratory, 1174 Snowy Range Road, Laramie, WY 82070 USA (millermm@uwyo.edu). Please contact Dr. Miller with any questions about this position. Review of applicants will begin immediately and continue until a suitable candidate is identified.