Laboratory technician
University of Wyoming
Wildlife Genomics and Disease Ecology (Ernest) Lab

For initial consideration applications no later than August 22, 2016
For details on how to apply, see website:
http://www.uwyo.edu/hr/hremployment/showjob.asp?jobid=13571

Position 5129, Academic Professional, Assistant, Research, Technician
LAB TECHNICIAN IN WILDLIFE GENETICS, GENOMICS AND DISEASE ECOLOGY

A Technician position is open to assist in laboratory research in wildlife population genetics, genomics and disease ecology at the University of Wyoming (UW) in Laramie. Assisting in research involves use of genomic and genetic DNA analysis and disease diagnostic data to examine population health, genetic diversity, and ecology of wildlife species. The position is primarily laboratory based and involves many and varied tasks.

In addition to assisting in our research, the Technician will have duties involving assisting the lab manager, lab members, and in supervision and mentoring of students. The Technician will apply their knowledge, skills, and abilities in bench laboratory DNA analyses including sample and data archiving, DNA applications involving genotyping, traditional sequencing, next generation sequencing data, and pathogen testing. There will be opportunities to gain training in advanced genomic and disease ecology techniques, enjoy working with students and leaders in the scientific field and applying excellence in science toward wildlife conservation and management.

The work includes reading and interpreting very small print and subtle visual differences such as data readouts. Lifting of objects up to 30 pounds, rabies vaccination, and occasional field work involving hiking and work in potentially harsh outdoors environments will be required (see below, under requirements). Species of focus will involve large mammals (such as bear, mountain lion, pronghorn, bighorn sheep, and others) and birds (hummingbirds, raptors, and other groups) and multiple sample types including hair, blood, feces, saliva, tissue, and bone.

Qualifications: The successful candidate will have (required; details required in application):
1) Minimum of Bachelor’s degree and at least one year of laboratory experience in molecular biology, genetics and/or genomic techniques.
2) Knowledge, skills, and abilities in laboratory bench work with DNA sample preparation and analysis.
3) Documented skills, abilities, and knowledge of Windows-based PC (personal computer at Windows 7 or higher) computer work including laboratory research applications and programs including Excel, Word, and Powerpoint. (required).
4) Ability to conduct occasional wildlife field work that may involve harsh environmental conditions, sampling wildlife (including live and dead animals; blood, tissues, feces, urine, strong smells, etc. (required).
5) Ability to work or travel occasionally for periods of time (such as a few days or up to a week) and including weekends, holidays, and evenings; a valid driver’s license. (required).
6) Vaccination for rabies and/or blood test for adequate rabies titer if rabies-vaccinated prior. Funding for vaccination and blood test will be provided as necessary after starting the position. (required).

**Additional preferred skills** – see website for listing:
http://www.uwyo.edu/hr/hremployment/showjob.asp?jobid=13571

Please make sure to detail how your background fits with “required” and “preferred” qualifications in your application in order to be considered for the position.

University of Wyoming hosts excellent wildlife and ecology science and a collegial academic atmosphere. Laramie offers easy access to the Rocky Mountains and outdoor activities including skiing and hiking. The University of Wyoming is an Equal Employment Opportunity/Affirmative Action employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, disability or protected veteran status or any other characteristic protected by law and University policy. Please see www.uwyo.edu/diversity/fairness. We conduct background investigations for all final candidates being considered for employment. Offers of employment are contingent upon the completion of the background check.

To apply for this position please submit an electronic application via email in PDF format (preferably as a single pdf file) by email to hernest@uwyo.edu and include a cover letter stating interests in the position and documenting status of all required and any preferred qualifications listed above, C.V., and contact information (name, position, email, phone, institutional affiliation, and research area) for at least three work-related references to Dr. Holly Ernest, Professor and Wyoming Excellence Chair in Disease Ecology, Department of Veterinary Sciences, University of Wyoming. Preferred start date is September 1, 2016 or as soon as possible after that date. Applications will be reviewed immediately and the position will remain open until filled.

Contact: Dr. Holly Ernest, hernest@uwyo.edu Professor and Wyoming Excellence Chair in Disease Ecology, Department of Veterinary Sciences, University of Wyoming.