



**GRADUATE STUDENT OPENING IN
WILDLIFE-LIVESTOCK DISEASE DIAGNOSTICS
UNIVERSITY OF WYOMING, LARAMIE, WY**

Applications are invited for a graduate student position at either the MS or PhD level in the Infectious Disease Epidemiology of Animals Laboratory (www.epidiseaseelab.org) at the University of Wyoming in Laramie. The expected start date is Fall semester 2019 with the possibility of being hired to begin research as early as March 2019.

The position will be supervised by Associate Professor Brant Schumaker in the Department of Veterinary Sciences. The focus of the graduate position is the application of novel molecular assays for brucellosis in cattle, elk, and bison in the greater Yellowstone area. Our ultimate goal is to develop, improve, and utilize diagnostic tools for diseases without a true gold-standard.

Qualifications: The successful candidate will have:

1) At least a bachelor's degree in a relevant science field; 2) Keen interests in research on epidemiology, wildlife-livestock diseases, and diagnostics; 3) excellent academic skills demonstrated by excellent verbal and quantitative GRE scores, high grades in relevant coursework, and professional oral and written communications; 4) excellent interpersonal skills, enthusiasm, positive and flexible attitude, and ability to work independently as well as within a team atmosphere; 5) ability to critically evaluate information and data from various sources; 6) confidence and ability to interact with stakeholders from both wildlife and livestock backgrounds; 7) familiarity and experience with laboratory skills such as nucleic acid extraction, gel electrophoresis, and diagnostic testing, especially molecular assays.

Additional desirable knowledge, skills, and abilities may include any of the following:

- Quantitative analysis, statistics, or disease research (especially with regard to ungulates);

Review of applications will begin immediately, and will continue until a suitable candidate is identified. To be considered please upload the following online: 1) a cover letter outlining interest in the position and qualifications; 2) curriculum vita; 3) unofficial undergraduate transcripts (and any other higher education); 4) GRE scores; 5) TOEFL scores if an international applicant; and 6) three professional letters of reference with contact information for follow-up at <http://www.uwyo.edu/admissions/apply-online.html>. Applicants are encouraged to contact Dr. Schumaker by email (bschumak@uwyo.edu) or telephone [(307) 766-9925] with any questions.

The University of Wyoming, a land grant institution, is the only four-year university in the state. The University is located in rural southern Wyoming in the small city of Laramie, population approximately 30,000, close to excellent outdoor activities in the nearby Snowy and Laramie Ranges and near cultural and other amenities along the Front Range of Colorado. For more information department and the Laramie area, please visit: <http://www.uwyo.edu/vetsci/> and <http://visitolaramie.org/>.



I.D.E.A. LAB

— INFECTIOUS DISEASE —
EPIDEMIOLOGY OF ANIMALS