



GRADUATE STUDENT OPENING IN
Environmental Transmission of Chronic Wasting Disease
UNIVERSITY OF WYOMING, LARAMIE, WY

Applications are invited for a graduate student position at the MS 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 2020.

The position will be supervised by Associate Professor Brant Schumaker in the Department of Veterinary Sciences along with collaborators from the US Geological Survey and Wyoming Game and Fish Department. The graduate position will focus on potential sources of environmental transmission of Chronic Wasting Disease, especially artificial salt sites. The successful applicant will evaluate agricultural salt site mitigation and behavioral responses of cervids in response to mitigation.

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 disease ecology; 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;

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

- Familiarity and experience with field methods such as camera trap deployment and image analysis;
- Quantitative analyses, 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 about the department and the Laramie area, please visit: <http://www.uwyo.edu/vetsci/> and <http://visitlaramie.org/>.

