



State of Wyoming
**ATAW99-2023-02167-RT-QulC Laboratory Research
 Technician-Laramie**

SALARY	\$33.00 Hourly	LOCATION	Laramie, WY
JOB TYPE	Temporary	JOB NUMBER	2023-02167
DEPARTMENT	040-Game & Fish	OPENING DATE	11/01/2023

Description and Functions



Open Until Filled

GENERAL DESCRIPTION:

The successful applicant will perform a variety of laboratory research tasks to support multiple current and future research projects for the Wyoming Game and Fish Department’s Veterinary Services Unit. Primary responsibilities will include optimization and application of real-time quaking-induced conversion (RT-QulC) assay for chronic wasting disease (CWD). The technician will lead a project looking to characterize prion kinetics using biological samples from a controlled longitudinal research study. The technician will also assist with other research projects, which aim to improve ante-mortem CWD detection by RT-QulC, and investigate CWD shedding dynamics in elk. Some travel may be required for diagnostic sample collection in the field.

Human Resources Contact: Corey Johnson 307-777-4639

ESSENTIAL FUNCTIONS: The listed functions are illustrative only and are not intended to describe every function which may be performed at the job level.

- Use protocols and technical expertise adapted from experienced collaborators.
- Design and perform controlled assays and experiments.
- Analyze data, and communicate results to diverse stakeholders.

- Sample processing (e.g. cutting, weighing, centrifugation, pipetting).
- Data entry and management of databases, spreadsheets, and tables.
- Travel is required for a sample collection from field specimens.
- Perform diagnostic assays for wildlife disease identification including RT-QuIC, PCR, ELISA, FPA, and MAT.
- Develop, maintain, and adhere to standard operating procedures, quality control, nonconformance documentation, and corrective action reports on diagnostic assays and laboratory equipment to meet ISO 17025 and NAHLN accreditation requirements.
- Assists with other duties as required.

Qualifications

PREFERENCES/**AGENCY REQUIREMENTS:

Preference will be given to those with a Master's degree in microbiology, molecular biology, pre-veterinary science, biology, zoology, or another closely related field, plus two years of professional laboratory experience. Other related training and experience will be evaluated for placement in this position. Experience working in a molecular laboratory and has bioinformatics analysis skills.

**Must have a valid driver's license.

KNOWLEDGE:

- Knowledge of veterinary laboratory diagnostic techniques and excellent troubleshooting skills.
- Outstanding laboratory organizational skills in sample tracking through testing, reporting, and storage.
- Ability to be flexible in a time schedule to perform tasks in the laboratory to meet deadlines and complete casework in a timely manner.
- Ability to initiate daily tasks and work independently with excellent attention to detail.
- Ability to adhere to rigid laboratory standard operating procedures and quality controls, as well as a working knowledge of QA/QC requirements of ISO-17025 / NAHLN / AAVLD.
- Computer skills in Microsoft Office Suite, proficient with word processing, databases, and spreadsheets.
- Knowledge of topographic software programs.
- Knowledge of proper BSL-2 laboratory safety precautions and procedures.
- Working knowledge and developed skills in DNA extraction, PCR assays, and troubleshooting.
- Evidence of strong interpersonal skills, oral and written communications, work prioritization, teamwork, and decision-making.
- Willing to travel independently with little or no supervision.
- Ability to work outside, often for long periods in adverse weather conditions.

MINIMUM QUALIFICATIONS:

None - See "Preferences"

Necessary Special Requirements

PHYSICAL WORKING CONDITIONS:

- Handling biological samples (e.g. tissues, blood).
- Ability to work with sodium hypochlorite (bleach)
- Ability to work outside in various weather conditions and terrain.
- Ability to operate a 4-wheel drive vehicle in various weather and road conditions.
- Approximately 95% of this position involves laboratory diagnostics and data management within a veterinary laboratory; the remaining 5% of duties occur outside of the laboratory.

NOTES:

- FLSA: Non-Exempt
- Housing is not provided
- The expected start date is early January.
- Successful applicants for employment must pass a background check prior to appointment.

Supplemental Information

040-Wyoming Game and Fish Department - Wildlife - Division

Click [here](#) to view the State of Wyoming Classification and Pay Structure.

URL: <http://agency.governmentjobs.com/wyoming/default.cfm>

The State of Wyoming is an Equal Opportunity Employer and actively supports the ADA and reasonably accommodates qualified applicants with disabilities.

Class Specifications are subject to change, please refer to the A & I HRD Website to ensure that you have the most recent version.

Agency

State of Wyoming

Address

See Human Resource Contact Information in the General Description Section for questions RE Post Statewide, Wyoming, 82002

Website

<http://agency.governmentjobs.com/wyoming/default.cfm>

ATAW99-2023-02167-RT-QuIC Laboratory Research Technician-Laramie Supplemental Questionnaire

***QUESTION 1**

(AA) Which of the following best describes your highest completed level of education to date or within the next three (3) months? (Transcripts may be required.)

- High School Diploma/GED/or Equivalent
- Some college Coursework, No Degree Received
- Associate's Degree
- Associate's Degree and additional coursework
- Bachelor's Degree
- Bachelor's Degree and additional coursework
- Master's Degree
- Master's Degree and additional coursework
- Doctorate Degree
- Doctorate Degree and additional coursework
- None of the Above

***QUESTION 2**

(AA) Which of the following Quarter/Semester credit hours best describes your completed college education to date or within the next three (3) months? (Transcripts may be required.)

- 45+ Quarter hours/30+ Semester hours
- 90+ Quarter hours/60+ Semester hours
- 136+ Quarter hours/91+ Semester hours
- 180+ Quarter hours/120+ Semester hours
- 225+ Quarter hours/150+Semester hours
- N/A

***QUESTION 3**

Do you have a Master's degree in microbiology, molecular biology, pre-veterinary science, biology, zoology, or another closely related field?

- Yes
- No

***QUESTION 4**

Do you have two or more years of professional laboratory experience?

- Yes
- No

***QUESTION 5**

Do you have experience working in a molecular laboratory?

- Yes
- No

***QUESTION 6**

Do you have bioinformatics analysis skills?

- Yes
 No

***QUESTION 7**

Do you have a valid driver's license?

- Yes
 No

***QUESTION 8**

(A) Where did you hear about this opportunity?

- Government Jobs @ www.governmentjobs.com/careers/wyoming
 Indeed
 LinkedIn
 Zip Recruiter
 Wyoming Workforce Center
 Other job sites (Wyoming at Work, Monster, etc.)
 Social Media (Facebook, Twitter, etc.)
 Newspaper/Newsletter Advertisement
 Career Fair
 Human Resources Division
 Friend or Acquaintance (Not State Employee)
 Current State Employee
 Other

QUESTION 9

(A) If you selected "Current State Employee" please provide the employee's first and last name, and include the department they work for, if known. This employee may be eligible for a Referral bonus.

QUESTION 10

(A1) If you selected Other, please tell us where you heard about this opportunity.

***QUESTION 11**

(AA) VETERANS' PREFERENCE DISCLOSURE: PER WYOMING STATUTE, current employees of the State of Wyoming are not eligible for veterans' preference. If you are not a current employee of the State of Wyoming, to be eligible to receive veterans' preference you MUST have been a resident of the State of Wyoming for a period of one (1) year or more at any time prior to submitting this application. I have read and understand the veterans' preference disclosure.

- Yes
 No
 I am not a veteran

QUESTION 12

(AA) VETERANS' PREFERENCE: If you are a war veteran as defined in section 101, Title 38, United States Code or are the surviving spouse of a war veteran who receives survivor benefits from the federal government based on the veteran's

military service, and wish to claim veterans' preference, please attach the appropriate documentation substantiating your claim. Indicate below your appropriate veterans' preference status. By requesting veterans' preference, you are certifying that you meet the statutory requirements as described in the above disclosure.

- Current State Employee
- Veteran - DD214 Attached
- Disabled Veteran (10% or more) - DD214 and Veteran's Disability Determination Attached
- Surviving Spouse of a Deceased Veteran - DD214 and proof of Survivor Benefit Attached
- None of the above

***QUESTION 13**

(AA) Please be advised that an incomplete application WILL NOT be considered for employment. An attached resume' is not required and is not an acceptable substitution for a completed application. Some State of Wyoming agencies use E-Verify, an Internet-based system, to confirm the eligibility of all newly hired employees to work in the United States. Learn more about E-Verify, including your rights and responsibilities at <https://www.uscis.gov/e-verify>. I have read and understand the above statement.

- Yes
- No

* Required Question