ANKARAS DEPARTMENT OF AGRICULTURE
1 Natural Resources Drive, Little Rock, AR 72205
agriculture.arkansas.gov
(501) 225-1598

AN EQUAL OPPORTUNITY EMPLOYER
JOB OPPORTUNITY
July 8, 2021

<table>
<thead>
<tr>
<th>TITLE</th>
<th>LOCATION</th>
<th>ANNUAL SALARY</th>
<th>APPLICATION MUST</th>
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<tbody>
<tr>
<td>Senior Microbiologist</td>
<td>Department: Veterinary Diagnostic Lab Location: Pulaski County/Little Rock</td>
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<td>Hiring Authority: Department of Agriculture #1 Natural Resources Drive Little Rock, AR  72205 Phone: 501/823-1754 Email: <a href="mailto:rebecca.gregory@agriculture.arkansas.gov">rebecca.gregory@agriculture.arkansas.gov</a></td>
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<td>Standard State of Arkansas employment application required. Apply online: <a href="http://arcareers.arkansas.gov">http://arcareers.arkansas.gov</a> Under Arkansas Agriculture Department</td>
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<td>Entry Level Salary: $45,010</td>
<td>Grade GS08</td>
<td>Open Until Filled</td>
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<td>Position #22165193 ID# 9124</td>
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**STATE’S MINIMUM QUALIFICATIONS:**

**Education/experience requirements:**

- The formal education equivalent of a bachelor’s degree in microbiology, biology, chemistry or other program related fields; plus, three years of experience in laboratory testing and analysis, laboratory operations or a related field, including one year in microbiology laboratory and one year in leadership capacity.

**Knowledge of:**

- Knowledge of microbiological theories and principles.
- Knowledge of the methods and techniques of microbiological tests and analysis.
- Knowledge of laboratory operations and equipment maintenance.

**Ability to:**

- Ability to assign and coordinate work activities and monitor the performance of co-workers and/or subordinates.
- Ability to perform microbiological tests and analysis.
- Ability to calibrate and maintain laboratory equipment.
- Ability to write descriptive results of analysis and maintain records.
- Ability to prepare media, standards, and reagents.
- Ability to analyze and verify data using confirmation and statistical procedures.
Preferred Qualifications:

Reporting to the microbiology section supervisor, the incumbent will function as the team leader for the State of Arkansas’ program for Chronic Wasting Disease screening using an enzyme-linked immunosorbent assay (ELISA) procedure. Managing this program, which is a partnership between the Arkansas Agriculture Department and the Arkansas Game and Fish Commission, demands authentic laboratory skills in high-throughput, high-complexity bench work coupled with seasoned interpersonal skills for scheduling personnel and interacting with external stakeholders. Seasonal surges in sample throughput will require the utmost in productivity, and off-peak workflow in the bacteriology section will also be an essential element of this position. Familiarity with prion diseases is highly sought.

- Documented experience performing high complexity laboratory procedures on a large volume of samples (high throughput).
- Documented experience assessing and adapting laboratory workflows to maximize efficiency and accuracy of laboratory processes.
- Documented experience managing laboratory inventories.
- Documented experience troubleshooting equipment failures and performing routine preventative maintenance as scheduled.
- Ability to work alone and within a team.
- Documented experience writing standard operating procedures.
- Minimum 3 years laboratory experience with documentation of increasing responsibilities in the laboratory.
- Documented experience working in a BSL-2 (enhanced) laboratory setting handling animal tissues.