

**Postdoctoral Associate
Alcorn State University**

Direct Link: <https://www.AcademicKeys.com/r?job=258704>

Downloaded On: Aug. 20, 2025 9:41am

Posted Jun. 25, 2025, set to expire May 10, 2026

Job Title	Postdoctoral Associate
Department	Chemistry and Physics
Institution	Alcorn State University Lorman, Mississippi
Date Posted	Jun. 25, 2025
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Post-Doc
Academic Field(s)	Biology - General Chemistry - General
Job Website	https://jobopps.alcorn.edu/postings/7658
Apply By Email	
Job Description	

Job Summary

The incumbent contributes to ongoing research.

Knowledge Skills and Abilities

- Understanding of the specific research domain to which assigned
- In-depth knowledge of experimental design, data collection, and analysis techniques
- Knowledge of and experience with current scientific integrity principles
- Familiarity with current research and trends
- Excellent communication skills, verbal, written, and interpersonal
- Strong computer and software skills

Postdoctoral Associate Alcorn State University

Direct Link: <https://www.AcademicKeys.com/r?job=258704>

Downloaded On: Aug. 20, 2025 9:41am

Posted Jun. 25, 2025, set to expire May 10, 2026

- Excellent time management and organizational skills
- Ability to work independently
- Ability to collect, analyze, summarize and interpret research findings in reports and communicate results to the field
- Ability to work with others in collaborative environment
- Demonstrated ability to secure grants and funding for research is a plus

Essential Job Functions

- Work as part of a team, performs research, writes manuscripts, and presents their findings at local and national professional, scientific and academic conferences
- Assist in writing progress reports, grant proposals
- Conducts literature reviews and summarizes findings
- Complies with and contributes to development and implementation of experimental work plan, laboratory biosafety plan and the Chemical Hygiene Plan for a Radiochemical Lab and Biological Safety Level II facility
- Collaborates effectively with a multidisciplinary team of scientists on activities and training pertaining to attainment of research objectives within and outside Alcorn State University
- Participates in all phases of project execution including planning, designing, coordinating, collaborators meeting, conducting literature reviews, data analysis and ensuring compliance with all legal, regulatory and protocol guidelines
- Provides technical presentations and assists other lab members with experiments as required. May mentor research assistants and students
- Develops methods and optimizes data collection and analysis using analytical methods such as HPGe detector, ITLC/Radio-TLC, NMR, FT-IR, UV-Vis, Raman Scattering, TEM, SEM, DLS/Zeta Potential, HPLC, and ICP-OES
- Maintains the laboratory work areas including routine maintenance on laboratory equipment as required, cleanliness, and order and organizes required research supplies and records

Qualifications

- Ph.D. or ABD (all but dissertation).
- Experience with ICP-OES, HPLC, NMR, FT-IR, UV-Vis, Raman Scattering, TEM, SEM, DLS/Zeta potential is a plus
- Experience with molecular and cellular biology approaches and a strong interest in computational modeling or related disciplines appropriate to the position is a plus.
- Formal training in Chemistry and Radiochemistry
- Experience with handling radioactivity and/or fundamental understanding of ionizing radiation

**Postdoctoral Associate
Alcorn State University**

Direct Link: <https://www.AcademicKeys.com/r?job=258704>

Downloaded On: Aug. 20, 2025 9:41am

Posted Jun. 25, 2025, set to expire May 10, 2026

- Expertise in synthetic chemistry and nanostructures approaches
- Experience with gamma counting and/or multichannel analyzers (MCA), and ITLC/Radio-TLC methods

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact

,