

## Clark Atlanta University Job Description

<b>Position Title:</b>	<b>Postdoctoral Research Associate</b>
<b>Employee:</b>	
<b>Department:</b>	<b>CCRTD/RCMI/Project 2</b>
<b>Reports To:</b>	<b>Dr. Jaideep Chaudhary</b>

*The following statements are intended to describe the general nature and level of work to be performed. They are not intended to be construed as an exhaustive list of all responsibilities, duties, and skills required of personnel so classified.*

### **General Function (Description):**

Postdoctoral Research Associate will be responsible for performing molecular biology, protein biochemistry, and cell biology and in vivo research on an NIH (NIMHD)-funded project. In addition, Postdoctoral Research Associate will be responsible for the design, execution, and interpretation of laboratory experiments. The following responsibilities will be expected:

1. Conduct active lab research: design and execute experiments, develop new ideas that promote current research, contribute to a conference abstract, prepare and publish scientific manuscripts under the direction of the Principal Investigator, attend and give seminars; bring new expertise to the research program, etc.
2. Other responsibilities: (i) teach techniques to other lab personnel; (ii) supervise undergraduate and graduate students (iii) may be responsible for the operation of specific equipment; and (iv) help further goals of the lab.
3. Perform other duties as assigned by the supervising scientist.
4. Develop protocols and perform in vivo (mice models) experiments.

### **Examples of Duties and Responsibilities:**

- Conduct molecular biology and protein biochemistry experiments, e.g., nucleic acid purification, cloning, immunoassays, and mammalian cells.
- Assist in designing experimental protocols for lab personnel and maintaining the laboratory.
- Keep meticulous records of all experiments performed and write interpretations of data obtained.
- Assist in the training of graduate and undergraduate students

### **Knowledge, Skills, and Abilities**

- Ability to do scientific calculations as a part of scientific experiments.
- Ability to keep meticulous records.
- Ability to perform duties independently.
- Knowledge of mammalian cell culture, *in vivo* biology, biochemistry, molecular biology, and immunochemical techniques.
- Ability to safely handle radioactive materials and bio-hazardous material.
- Ability to understand oral and written instructions of scientific nature.
- Ability to write and orally communicate scientific data at a professional level

- Ability to follow university and center policies, procedures, and regulations.
- Ability to operate laboratory equipment and instruments.

**Minimum Hiring Standards**

<b>Education</b>	Ph.D. in fields related to the biological and biomedical sciences
<b>Years of Experience Required</b>	One to four years of previous laboratory experience and must have published one first-authored manuscript in relevant areas to listed job duties
<b>Years of Management/Supervisor Experience</b>	N/A
<b>Requirements:</b>	Applicants should send a CV, cover letter stating career interests, and names and contact information of three (3) letter of references to Dr. Jaideep Chaudhary, Professor and Interim Director, Center for Cancer Research and Therapeutics Development via email <a href="mailto:jchaudhary@cau.edu">jchaudhary@cau.edu</a> and through online CAU job applications portal.

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Employee

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Date

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Manager/Supervisor

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Date

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Human Resources

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