



CLARK ATLANTA UNIVERSITY

Job Description

Position Title:	Assistant Professor in Materials Physics
Department:	Physics
Reports To:	Department Chair

The following statements are intended to describe the general nature and level of work to be performed and are not intended to be construed as an exhaustive list of all responsibilities, duties and skills required of personnel so classified. All duties listed are essential functions for the position. It is understood that other related duties may be assigned.

General Function (Description):

Clark Atlanta University (CAU) Physics invites applications to fill an assistant professor position in Experimental Materials Physics. The successful candidate must have a Ph.D. in Physics or a related field with evidence of proficiency in the use of surface science characterization tools such as XPS, AFM, SEM, and SIMS. Familiarity with epitaxial growth techniques is a plus. Experience with modern analysis and simulation tools, introductory physics courses; and the ability to develop and supervise hands-on student projects will be favored. The candidate must demonstrate a commitment and potential for excellence in teaching at both the graduate and undergraduate levels, and the mentoring students in research.

Applications should include: **1)** a detailed cover letter describing the applicant’s background and qualifications for the position; **2)** a statement of philosophy, interest, and experience in teaching; **3)** a detailed statement of proposed research, including plans for involving students and for seeking external support; **4)** a full curriculum vitae, including a list of publications; and **5)** the names, addresses, e-mail addresses, and telephone numbers of at least three professional references.

Applications must be submitted to jobs@cau.edu and include a CAU Employment Application (available online).

Examples of Duties and Responsibilities:

Teach undergraduate and graduate physics courses; including, introductory physics.
 Develop and maintain a vigorous research program in materials physics.
 Engage in service activities at the institution; nationally and internationally.

Knowledge, Skills and Abilities:

Ph.D. in experimental condensed matter physics or related discipline.
 Experience in designing, building, maintaining, and operating UHV analysis and deposition equipment
 record of publications in high impact research journals.

Minimum Hiring Standards:

Education	Ph.D. in condensed matter physics or related discipline
Years of Experience	2 years of research and teaching experience
Years of Management/Supervisor Experience	N/A

Clark Atlanta University is an Equal Opportunity/Affirmative Action Employer