



CLARK ATLANTA UNIVERSITY Job Description

Position Title:	Assistant/Associate Professor in Experimental Material Physics
Department:	Physics
Reports To:	Dr. Michael D. Williams, 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):

CAU Physics invites applications to fill an assistant or associate professor position. The successful candidate must have a PhD 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 engineering courses such as Statics and Dynamics, 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 in 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, email addresses, and telephone numbers of at least three professional references. Applications must be submitted to jobs@cau.edu and include an application (<https://www.cau.edu/humanresources/includes/files/employment-application1.pdf>).

Examples of Duties and Responsibilities:

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

Knowledge, Skills and Abilities:

PhD 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	PhD 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