

Abstract Submitted  
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**Willie Hobbs Moore (1934-1994): The First Female African American Physicist** RONALD MICKENS, Clark Atlanta University — We discuss the life and career of Willie Hobbs Moore, the first African American woman to receive a doctorate degree in physics. This achievement occurred in June 1972 at the University of Michigan, Ann Arbor, MI. Her dissertation, directed by the renowned spectroscopist Samuel Krimm, was on the subject of “A Vibrational Analysis of Secondary Chlorides,” and focused on a theoretical analysis of the secondary chlorides for polyvinyl-chlorine polymers. From 1972–1977, she, Krimm, and collaborators published more than thirty papers on this and related research issues. In addition to an overview of her family background, her careers as a research physicist and scientist working in various industrial laboratories, we discuss the obstacles and successes she encountered at various stages of her life.

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