

I am a tenured Professor of Biochemistry and Molecular Biology, College of medicine at Howard University. I obtained his undergraduate degree in Biochemistry from the University of Dundee, Scotland, UK in 1991, followed by a Master of Science degree in Biotechnology from University College London, UK in 1992. My early research career involved working in the Laboratory of Molecular Biology, Medical Research Council in Cambridge (UK), in Dr. Terry Rabbitts's group. Subsequently, I pursued a joint PhD research program between Queen Mary and Westfield College in London, UK and Glaxo/Smithkline in Stevenage, UK, under the supervision of Drs. Conrad Lichtenstein and Timothy Peakman. I continued my academic journey as a postdoctoral fellow in the laboratory of Professor Michael Ittmann at Baylor College of Medicine in Houston Texas.

In 2007, I joined Howard University as an Assistant Professor and have since ascended to the rank of tenured full professor in 2022. I have made significant contributions to the scientific community with accumulated over 100 scholarly works, including more than 37 peer-reviewed research papers (h-index of 23 and i10-index as of June 15, 2023).

Throughout my career, my research is dedicated to unraveling the molecular mechanisms of fibroblast growth factor signaling, PTEN haploinsufficiency, and the negative regulation of receptor tyrosine kinase signaling in prostate carcinogenesis. Currently, my laboratory focuses on studying the roles of genome-wide and loci-specific DNA methylation alterations in prostate cancer disparities. My research work has received funding from the National Institutes of Health (NIH) and the Department of Defense (DoD).

Beyond my research endeavors, I am also deeply passionate about educating the general public through community-outreach events on the scientific evidence of cancer prevention and the importance of adhering to appropriate age-recommended screening. I also advocate for the significance of adopting a healthy lifestyle to prevent and combat chronic diseases. I have authored multiple books addressing health disparities, cancer prevention and the adoption of healthy lifestyles to prevent chronic diseases.