

**René Fuanta**  
**Associate Director Position for the**  
**Mid-Atlantic Region**

**Biography**

Dr. René Fuanta earned his Bachelor of Science in Microbiology and Parasitology from the University of Buea, Cameroon, and his doctorate in Biochemistry from Auburn University, Alabama. His research [at the Goodwin and Calderon labs] was primarily in the mechanistic evaluation of the mode of action of potential enzyme inhibitors.

He joined the department of chemistry and biochemistry at ESU in fall 2018 as an assistant professor of Biochemistry. One area of his research [in proteomics] is the profiling and identification of protein-inhibitor complexes formed during whole-cell inhibitor screening against pathogens like *P. aeruginosa* and *M. tuberculosis* via MS, MS/MS. He also screens inhibitors against key bacterial enzymes like Methionine aminopeptidase and others not present in mammalian metabolism.

Dr. Fuanta has developed and taught biochemistry courses including Biochemistry I, Chemistry seminar, laboratory methods in biochemistry, and also developed a CURE for proteins and nucleic acids class. He is the biochemistry accreditation exam administrator at ESU. Dr. Fuanta serves on several on-campus committees including peer grant review and curriculum, and reviews for academic journals including ACS Infectious diseases, BBA-Proteins and Proteomics, Biomolecules, etc.