



### **Debra Bramblett, PhD**

Dr. Bramblett is an Associate Professor and Chair of Biomedical Sciences at Burrell College of Osteopathic Medicine, teaching microbiology during the pre-clinical years. Her research at BCOM involves development of a loop mediated isothermal amplification assay (LAMP) for the detection of arboviruses and assessing the colonization of healthcare professionals by antibiotic resistant *Staphylococcus aureus* (MRSA). Dr. Bramblett came to BCOM from Texas Tech Paul L. Foster School of Medicine (PLFSOM) in El Paso, where she was one of the founding faculty (2008-2015) in the Department of Medical Education. While at PLFSOM, she developed a multiplex Q-PCR assay for the detection of several blood born viruses including HTLV1, HTLV2 and CMV. Before taking her position at PLFSOM she was an assistant professor of biology at the University of Saint Thomas in Houston Texas (UST). Dr. Bramblett did her postdoctoral training at Baylor College of Medicine in Houston, Texas where she identified and characterized the transcriptional regulator Bhlhb4 and discovered its role in the developing mouse retina and the anterior pretectal nucleus (AtPN) of the mouse brain. Dr. Bramblett earned her PhD at the University of Texas in Austin, where she studies the transcriptional regulation and replication cycle of the Mouse Mammary Tumor virus (MMTV).