



Henry Blanton Graduate Student

Translational Neuroscience and Pharmacology *Sex Differences in the Endocannabinoid System in Acute, Inflammatory, Chronic and Cancer Pain*

Henry Blanton is a 5th year Ph.D. candidate in the Texas Tech University Health Sciences Center Graduate School of Biomedical Sciences Ph.D. program in the concentration of Translational Neuroscience and Pharmacology. He received a B.S. in Psychology from Texas State University in 2014 and began his graduate studies at TTUHSC in the fall of 2016. His research is focused on the endocannabinoid system and its role in pain modulation. In his time as a graduate student, he has co-authored four research articles, two literature reviews, and one book chapter. Currently, he is investigating the influence of estrogen on endocannabinoid system function and the development of tolerance to cannabinoids in a neuropathic pain model in mice. He plans to defend his dissertation this summer and would like to continue to study the endocannabinoid system moving forward.