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*Elucidating the Neural Oscillations of the Sensory-Discriminative
and Affective-Motivational Dimensions of Pain Using EEG*

Amber Harris Bozer is currently an Associate Professor of Psychological Sciences at Tarleton State University. She earned a BS in Psychology (2008) and an MS in Educational and Experimental Psychology (2010) at Tarleton State University under the mentorship of Drs. Jason Lyons and Robert Newby. At the University of Texas at Arlington, she obtained an MS (2013) and a PhD (2015) in Experimental Psychology with a focus on Neuroscience and Health Psychology under the mentorship of Drs. Perry Fuchs and Yuan Bo Peng. During her graduate studies, her primary focus was the development of novel, multi-dimensional preclinical pain assays and the investigation of local field potentials that underlie the multi-dimensional nature of pain in rats. In the Behavioral Neuroscience and Psychophysiology lab at Tarleton, the current research focus is to explore the cortical mechanisms that underlie the multidimensional pain experience in humans (including pain approach-avoidance) and the cortical mechanisms of cannabinoid analgesia using EEG.