

LSUHSC School of Medicine Class of 2025

PhD Dissertations – Spring 2025

Brianna Leilani Bourgeois

Mentor: Liz Simon MVSc, PhD

Dissertation: *Extracellular Vesicle MyomiRs Ameliorate Chronic Binge Alcohol Mediated Decreased Skeletal Muscle Stem Cell Differentiation*

Hunter Antoine Hidalgo

Mentor: David Lefer, PhD

Dissertation: *The Effects of Renal Sympathetic Denervation in the Setting of Cardiometabolic Heart Failure with Preserved Ejection Fraction*

David Kurt Odenheimer

Mentor: Jennifer Lentz, PhD

Dissertation: *Central Auditory Function following Antisense Oligonucleotide Therapy for the Treatment of Deafness in a Mouse Model 1 of Usher Syndrome Type 1 C*

Joshua Blake Schwartzenburg

Mentor: Shyamal Desai, PhD

Dissertation: *Traumatic Brain Injury and Moderate Alcohol-Mediated Neuropathological Consequences Observed in Preclinical Rodent and Clinical Human Specimens*

Nathan Michael Sharfman

Mentor: Nicholas Gilpin, PhD

Dissertation: *Inflammation Pain and Adolescent Intermittent Ethanol Exposure Affects Central Amygdala Melanocortin 4 Receptor System*

Donnell Dee White III

Mentor: Qinglin Yang, PhD

Dissertation: *Genomic Rearrangement in a Non-coding Region of Chromosome 1 Leads to Spontaneous Obesity and Type II Diabetes*

Anna Kathryn Whitehead

Mentor: Xiping Yue, MD, PhD

Dissertation: *Impact of Chronic Nicotine Inhalation on Cardiopulmonary Function and Associated Mechanisms*