

LSUHSC School of Medicine Class of 2024 MD/PhD Graduates

Alexandra Denys

Department: Pharmacology & Experimental Therapeutics

Major Professor: Dr. Martin Ronis

Dissertation Title: *From rodents to humans: Characterizing the effects of short term and binge alcohol on bone quality and health*

Muhammad Ali Farooq

Department: Cell Biology & Anatomy

Major Professor: Dr. Si-quiong (June) Liu

Dissertation Title: *Fear Conditioning and Chronic Alcohol Exposure Regulate Endocannabinoid Degradation via MAGL in Adolescent Mice*

Nicholas Dean Fried

Department: Physiology

Major Professor: Dr. Jason Gardner

Dissertation Title: *Chronic, Inhaled Nicotine Exhibits Differential Remodeling of the Right and Left Ventricles*

Kyle Brian LaPenna

Department: Pharmacology & Experimental Therapeutics

Major Professor: Dr. David Lefer

Dissertation Title: *Nitric Oxide and Protein Nitrosylation Dynamics in Heart Failure with Preserved Ejection Fraction*

Mirandy Schiphen Li

Department: Community Health Sciences

Major Professor: Dr. Edward Peters

Dissertation Title: *Minority Stress, Mental Health, and Social Support among LGBTQ Smokers in the Deep South*

Jacob Kenneth Meariman

Department: Pharmacology & Experimental Therapeutics

Major Professor: Dr. Daniel Kapusta

Dissertation Title: *Clinical Potential of Nondysphoric Kappa Opioid Receptor Agonists in Treating Cardiovascular Disease*

Phaethon Philbrook

Department: Human Genetics

Major Professor: Dr. Augusto Ochoa

Dissertation Title: *Medium-Chain Fatty Acid Receptor GPR84 Modulates Anti-Tumor Immunity Through Metabolic Reprogramming"*