

LSUHSC School of Medicine Class of 2023 Honors Research Program

Claire Adrian Bise

Risks for complications and need for repeat excisional procedures of the uterine cervix

Mentor/Principal Investigator: Tara Castellano, MD and Amelia Jernigan, MD

Nicolas Marcelo Chanes

Objective Evaluation of Clock Face Suture Using the Objective Structured Assessment of Technical Skill (OSATS) Checklist

Mentor/Principal Investigator: Malachi Sheahan MD

Lily Zhi Ying Chen

Effects of Adolescent Alcohol Exposure and an Adult Pain Challenge on Nociception and CEA-PAG Circuitry

Mentor/Principal Investigator: Tiffany Wills, PhD

Olivia Abadie Crapanzano

The impact of surgical center volume, health insurance, race and prenatal diagnosis on pediatric cardiac surgical outcomes

Mentor/Principal Investigator: Kathleen Crapanzano, MD

Justin Mackenzie David

Obesity Modulates the Gut Microbiome in Triple-Negative Breast Cancer

Mentor/Principal Investigator: Fokhrul Hossain, PhD

Michael George Dubic

Differential Regulation of Tachykinin and Opioid System Gene Expression in Brain and Immune Cells of Chronic Binge Alcohol-Treated Simian Immunodeficiency Virus-Infected Rhesus Macaques

Mentor/Principal Investigator: Patricia Molina, MD, PhD and Liz Simon PhD

Joel Piers Epling

Two- and Three-Year Outcomes of Phacoemulsification Combined with Kahook Dual Blade Goniotomy Versus iStent Trabecular Micro-Bypass

Mentor/Principal Investigator: Lena Al-Dujaili, MD

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Mima Lemma Nahsua Fondong

Demographic, Epidemiological, And Clinical Factors of Positive Covid-19 Patients From An Urban Emergency Department

Mentor/Principal Investigator: Lisa Moreno-Walton, MD, MSCR

William Aaron Gibson

Novel Treatment of Immunotherapy-Resistant Renal Cell Carcinoma Using Synergistic Effect of Interferon Gamma and LPS

Mentor/Principal Investigator: Arnold Zea, PhD

Shakira Elice Harding

Views of Reproductive-Aged Females Cancer Patients on Oncofertility Care

Mentor/Principal Investigator: Amelia Jernigan, MD

Ryan David Hoffman

Surgical Delay-Induced Hemodynamic Alterations of the Superficial Inferior Epigastric Artery Flap for Autologous Breast Reconstruction

Mentor/Principal Investigator: Frank Lau MD, Hugo St. Hilaire MD DDS, and Robert Allen Sr. MD

Claire Elizabeth Holmes

Survey Says: Shingrix Saves

Mentor/Principal Investigator: Maria Bernal, MD

Rachel Elise Landrum

Maintenance therapy with intravenous ketamine and intranasal esketamine to sustain reduction of severe depressive symptoms in treatment-resistant depression

Mentor/Principal Investigator: Michelle Moore, Psy.D.

Casey Elizabeth Norlin

Nucleated red blood cells as a biomarker for mortality in infants and neonates requiring veno-arterial extracorporeal membrane oxygenation for cardiac disease

Mentor/Principal Investigator: Kurt Piggott, MD

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Sarah Norwood Rimmer

Socioeconomic Predictors of Time to Surgery in Cleft Lip and Palate Patients

Mentor/Principal Investigator: Kyle Fulton, MD

Jimmy Ari Saravia

Examining the pediatric subglottic airway by ultrasound: a systematic review

Mentor/Principal Investigator: Joel W. Jones, MD MBA

Brandi Liang Sun

Views of Reproductive-Aged Female Cancer Patients on Oncofertility Care

Mentor/Principal Investigator: Amelia Jernigan, MD

Ada Francesca Tusa

Demographic, Epidemiological, And Clinical Factors of Positive Covid-19 Patients From An Urban Emergency Department

Mentor/Principal Investigator: Lisa Moreno-Walton, MD, MSCR

Jeanette Andrewa Zavala

Skeletal muscle bioenergetic health and function in people living with HIV: association with glucose tolerance and alcohol use

Mentor/Principal Investigator: Danielle E. Levitt PhD; Patricia E. Molina MD PhD