

**LSUHSC School of Medicine Class of 2025**

**Honors in Research – Spring 2025**

**Sarah Jane Aleman**

Mentor: Alison Smith, MD, PhD

Project Title: *Splenic artery embolization in the treatment of blunt splenic injury: single level 1 trauma center experience*

**Meva Beganovic**

Mentor: Stefany Primeaux, PhD

Project Title: *Role of Taste Receptor Gene Variations (SNPs) on Diet Intake and Diet Quality in Male and Female Adolescents*

**Sloane Marcello Clay**

Mentor: Fern Tsien PhD

Project Title: *Bioinformatics characterization of variants of uncertain significance in pediatric sensorineural hearing loss*

**Michael Vincent Forte**

Mentor: Alan D. Kaye, MD, PhD, DABA, DABPM, DABIPP, FASA

Project Title: *Pathophysiology and Evolving Treatment Options of Septic Arthritis: A Narrative Review & Advancing Treatment in Atopic Dermatitis: A Comprehensive Review of Clinical Efficacy, Safety, and Comparative Insights into Corticosteroids, Calcineurin Inhibitors, and Phosphodiesterase-4 Inhibitors as Topical Therapies*

**Breyanah Michelle Graham**

Mentor: Amelia Jernigan, MD

Project Title: *Using an Augmented SAMANTA Score to Screen At-Risk Women Seeking Bariatric Surgery for Postmenopausal or Abnormal Uterine Bleeding*

**Tyler Dane Hernandez**

Mentor: Christopher Haas, MD, FAAD

Project Title: *JAK Inhibitors in Hidradenitis Suppurativa: A Systematic Review*

**Shivani Jain**

Mentor: Alexandra Fairchild, MD; Hector Ferral, MD

Project Title: *Cirrhosis and Sarcopenia*

**Davis Edward Martin**

Mentor: Luis Marrero PhD

Project Title: *Insights into Quadriceps Health from the Articularis Genu of Osteoarthritis Patients*

**Alison Karee Schafer**

Mentor: Cody Roi, DO, MPH

Project Title: *Screen Time Trends in an Outpatient Behavioral Health Clinic*

**Ryan James Schroeder**

Mentor: Luis Marrero PhD

Project Title: *Novel Interleukin-11 Inhibitors Attenuate Collagen in Arthrofibrosis Patient-Derived Fibroblastic Synoviocytes In Vitro*

**Madeline Lechtenberg Stewart**

Mentor: Herb A. Phelan III, MD, MSCS, FACS

Project Title: *A Pilot Study of Hand Autografts Treated with Autologous Skin Cell Suspension*

**Harrison James Travis**

Mentor: Alison Smith MD, PhD

Project Title: *Does Vehicle Intrusion Alone Still Predict Injury: A Retrospective Analysis of Mechanism as Trauma Activation Criteria*

**Selby May White**

Mentor: Jessica A. Zagory, MD

Project Title: *A Comparative Analysis of Zip Code Discordance in Pediatric Gunshot Wounds*