

LSUHSC School of Medicine Class of 2026

Honors in Research – Spring 2026

Alexandra Lin Bartholomew

Mentor: Jason Mussell, PhD

Project Title: *Graphic Medicine: Comics as a Therapeutic and Teaching Tool in Oncology*

Samhita N. Basavanhalli

Mentor: Jordan Vaughn, MD

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

Robert Murray Branstetter IV

Mentor: Vinod Dasa, MD

Project Title: *Patient-reported Outcomes Following Total Knee Arthroplasty in Patients Treated with Intraosseous Vancomycin Versus Intravenous Antibiotics: A Retrospective Matched Cohort Study*

Matthew Blake Bratton

Mentor: Jessica Rivera, MD, PhD

Project Title: *Bromelain as a Source of Debridement for Infected Orthopedic Implants*

Amy Elizabeth Brouillette

Mentor: Scott Edwards, PhD

Project: *Associations of Cannabis Use, Pain, and Negative Affective Symptoms in the New Orleans Alcohol Use in HIV (NOAH) Cohort*

Clifton James Daigle

Mentor: Vinod Dasa, MD

Project Title: *In-Hospital Exposure and Opioids Prescribed after Total Knee Arthroplasty*

William Delahoussaye

Mentor: Kelly Babineaux, MD

Project Title: *Expansion of Hand Trauma Transfers at a Level 1 Trauma Center Following Integration with the ASSH Hand Trauma Center Network*

Aimée Elizabeth Galatas

Mentor: Omeed Moaven, MD, FAAD

Project Title: *Multimodal care and outcomes of pancreatic cancer patients are influenced by factors beyond biology: A population-based study from Louisiana Tumor Registry*

Katelyn Elizabeth Gill

Mentor: Hector Ferral, MD

Project Title: *Splenic Artery Embolization in the Treatment of Blunt Splenic Injury: Single Level 1 Trauma Experience*

Alexandra Jeanne Gottsegen

Mentor: Dr. Deirdre Hooper, MD

Project: *Plastics in Dermatologic Injectables*

Brett Christopher Haaga Jr.

Mentor: Scott Delacroix, MD

Project: *90 Day Readmission with Trimodal Therapy in Muscle Invasive Bladder Cancer*

Jacob Patrick Hagen

Mentor: Stephen Hernandez, MD

Project Title: *Comparison of surgical field visualization and hospital cost of anesthesia in endoscopic sinus surgery: total intravenous anesthesia compared to inhalational anesthesia with tranexamic acid*

Logan Jacob Hornung

Mentor: Sagar Kansara, MD

Project: *Artificial Intelligence in Head and Neck Cancer: Towards Precision Medicine*

Brionna Jewel King

Mentor: Giulia Monticone, PhD

Project: *Novel immunomodulatory activity of nucleoside analog medications*

Andrew Joseph Malek

Mentor: Mohamad Masoumy, MD

Project Title: *Food Security Impacts Health of Children With Orofacial Clefts: An 8-Year Review of the Global Burden of Disease Study*

Sydney Lestage McManus

Mentor: Christopher Haas, MD

Project Title: *An Atypical Presentation of Cutaneous Angiosarcoma: A Diagnostic Challenge in an End-Stage Renal Disease Patient*

Genevieve Elizabeth Messa

Mentor: Frank H. Lau, MD, FACS

Project Title: *New Orleans Hernia Event Reduction: A Novel Indication for Amnion–A
Randomized Clinical Trial*

Mohammed Salman Rais

Mentor: Robert Allen Sr., MD

Project Title: *Supercharged and Delayed Thoracodorsal and Dorsal Intercostal Artery
Perforator Flaps for Autologous Breast Reconstruction*

Megan Elizabeth Rojas

Mentor: Gregory Kyle Fulton, MD

Project Title: *An Ecological Study of Cleft Palates Treated in the Greater New Orleans Area*

Avni Shridhar

Mentor: Amelia Jernigan, MD

Project Title: *Minimizing Travel Burden of Gynecologic Cancer Surveillance Through a
Unique Multidisciplinary Telehealth Program*

Collin Allen Touns

Mentor: Luis Marrero, PhD

Project Title: *Opposing Synovial Cannabinoid Receptor Type 2 and Transient Receptor
Potential Vanilloid 1 Expression in Painful Osteoarthritis*