

JCESOM MS1 Summer Research Stipend Projects
2016

Mentor	Department	Title of Research Project	Student 1	Student 2
Adam M. Franks	Family Medicine	Medical Writing	John "Wes" Urian	Amanda Krauss
Alan Koester	Orthopedics	Modifying Traditional Pendulum Exercise Techniques to Improve Post-Operative Range of Motion in Patients Having Shoulder Surgery	Cooper Henderson	
Charles Clements	Family Medicine	Does the "Grit Score" predict medical school success?	Matthew Bruner	Gregory Hill
Charles Francis	Ophthalmology	Comparison of Mini-Express Glaucoma Shunt (MEGS) surgery with Mitomycin-C alone or combined with Phacoemulsification in patients with uncontrolled Glaucoma.	Jonathan Acra	
Craig Slingluff	Surgery at the University of Virginia	Melanoma Research	Chris Blackwell	Akash Sharma
Curtis Harrison	Surgery	Burn ICU sepsis, the search for ideal parameters for burn sepsis identification and treatment	Justin VanHove	
Dilip Nair	Family & Community Health	Decisions to Withhold or Discontinue Dialysis in the Elderly	Angela Thorp	
Errington Thompson	Surgery	Open abdomen in patients with acute pancreatitis	Adam Golembioski	
Errington Thompson	Surgery	100 Consecutive Cental lines placed with Ultasound Guidance	Shirin Majidi	
Farid Mozaffari	Surgery	Skin temperature measurements of the hand to determine if patients on vasopressors are more susceptible to Thermal Regulation Injuries	Aaron Whiteman	
Felix Cheung	Orthopaedic Surgery	Does the addition of vancomycin to a calcium phosphate bone void filler reduce the risk of surgical site infection?	Brett Floyd	
Felix Cheung	Orthopaedic Surgery	Does the X-Ream system for core decompression reduce the risk of hip replacement for avascular necrosis of the femoral head?	Harley Davis	
Franklin D. Shuler	Orthopaedics	Research review manuscript	Harry Burke	Hannah Ashworth
Franklin D. Shuler	Orthopaedics	Discovery of needlestick reporting and sharps injuries	Lindsay Robinson	James Akins

Franklin D. Shuler	Orthopaedics	Prediction of Step performance in Medical Students	Matthew Riley	
Franklin D. Shuler	Orthopaedics	Orthopaedic Outcomes Research	Travis Dinsmore	Brian Warner
Ghassan Ghorayeb	WVU Eye Institute - Ophthalmology	Telemedicine as a screening tool for diabetic retinopathy	Karl Shaver	
James B Day	Orthopaedic Surgery	Mechanical stability and durability of various orthopaedic implants and constructs	Joshua Leonard	Richard Nguyen
James Lewis	Pediatrics	The patterns of temperament or behavioral style in children with ADHD and associations with co-existing conditions	Aeesha Ranavaya	
James Lewis	Pediatrics	The effectiveness of care coordination for homeless children with ADHD special health care needs on ADHD and specialty referrals.	Miles Gray	
James Lewis	Pediatrics	Parent care notebooks for children with special health care needs: A comparison on incidence, content and effectiveness from national surveys of state title V directors in 2007 and 2016	Sashi Yasuda	
Jeffrey Harris	Pediatrics	Childhood Antecedents of Atherosclerotic Cardiovascular Disease; Implementing Findings from WV	Kristie Taylor	
Jennie Yoost	OBGYN	Assessing Adolescent Barriers to Long Acting Reversible Contraceptives in Rural Areas	Cameron Ross	
Jennifer Biber	Pediatrics	Asthma care path in the PICU (working title)	Jared Galloway	
Jiang Liu	Pharmacology, Physiology and Toxicology	OXIDATIVE STRESS, NA/K-ATPASE SIGNALING and RENAL CARDIOMYOPATHY	Kyle Maxwell	
Joseph Evans	Pediatrics	A Quality Improvement Project to Delay Umbilical Cord Clamping	Rachel Marteney	Erin Casey
Justin Nolte	Neurology	Incidence of Sleep Apnea in Cryptogenic stroke	Erin Fankhanel	Ellen M. Petryna

Kalpana Miriyala	Psychiatry	Determine the prevalence of different psychiatric diagnoses in the child and adolescent psychiatric clinic.	Christian Adams	
Laszlo Farkas	Internal Medicine, Pulmonary and Critical Care Division, VCU Medical Center	Phenotypic characterization of transplanted vascular stem cells in Pulmonary Hypertension	Neil Blanchard	
Lynne Goebel	Internal Medicine	Discontinuation of Proton Pump Inhibitors	Tyler Farley	Maggie Blackwood
Mary 'Mitzi' Payne	Neurology	Appropriate use of CT scans in ER in pediatric patients with mild concussions.	Saidat Sola-Rufai	
Michael Norton	Chemistry	Nanoscale Device Fabrication for Protein Sensing using Single Molecule Stochastic Analysis	Zachary Johnson	
Michael Schmitz	Department of Orthopaedics, Children's Healthcare of Atlanta	Closed Reduction of Pediatric Tibia Fractures: Comparison of Sedation and Reduction in the Emergency Department versus Reduction in the Operating Room	Coker Cantrell	
Nancy Norton and Maurice Mufson	Anatomy & Pathology and Internal Medicine	Choline-binding proteins (CBPs) associated with development of penicillin resistance in selected <i>Streptococcus pneumoniae</i> isolates	Nicole Lee	
Paulette Wehner	GME	Emergency Department Patient Holds	Ben Jude	Matt Saab
Randy Bryner	Human Performance/Exercise Physiology	Effects of Exercise and Cigarette Smoking on Pancreatic Function and Insulin Sensitivity	Kyle Smith	
Sean Loudin	Pediatrics	The profile of neonatal abstinence syndrome	Taylor Cater	Hannah Ashworth
Susan Flesher	Pediatrics	Pediatric Fitness Test	Dylan Maldonado	