

Student First Name	Student Last Name	Project Title	Mentor's First Name	Mentors Last Name	Mentor Degree	Mentors Department
Jacob	Christofi	The Effects of miR-155 on GABA Receptor Expression in a Mouse Model of Spinal Cord Ischemia	Hamdy	Elsayed-Awad	MD	Anesthesiology
Chloe	Evering	High Dose Epidural Fentanyl for Second Stage Labor Analgesia	Blair	Hayes	MD	Anesthesiology
Jason	Hoang	Comparison of Arm and Ankle Blood Pressures During Cesarean Delivery: A Blood Pressure Cuffs Study	Ling-Qun	Hu	MD	Anesthesiology
Bradley	Loomis	Role of spinal drain for ischemic spinal cord injury prevention for patients undergoing open and endovascular thoracoabdominal aortic aneurysm repair: A single-center retrospective chart review	Esmerina	Tili	PhD	Anesthesiology
Shannon	Lavender	The Functional Role and Mechanism of S100A4 on Colon Cancer Metastasis	Jenny	Wang	PhD	Cancer Biology and Genetics
Zaynah	Awethe	Real World Treatment Patterns of Bullous Pemphigoid in an Academic Center	Jessica	Kaffenberger	MD	Dermatology
Nassim	Idouraine	An analysis of malignant pathology initially managed through store-and-forward teledermatology (E-Consults)	Benjamin	Kaffenberger	MD	Dermatology
David	Chesko	Guideline development for Physical Therapist assessment of older adults in the Emergency Department with fall-related chief complaints	Lauren	Southerland	MD	Emergency Medicine
Tricia	Keller	Health Literacy of a Student-Run Free Clinic and Its Relationship with Successful Referrals: A Pilot	Robert	Cooper	MD	Emergency Medicine
Erin	Niederkoehr	A Scoping Review of Point-of-care Ultrasound Literature Across Medical Specialties	Michael	Prats	MD	Emergency Medicine

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Claire	Ruben	A Retrospective Review of Immune-Related Adverse Events in Patients on Immunotherapy Presenting to the Emergency Department	Jason	Bischof	MD	Emergency Medicine
Hannah	Shenton	Ultrasound-Guided Pain Control for Patients with Rib Fractures and Chest Wall Trauma	Creagh	Boulger	MD	Emergency Medicine
Alice	Wu	Impact of sex on the quality of echocardiograms performed in the emergency department	Creagh	Boulger	MD	Emergency Medicine
Matthew	Yoder	Measuring the Impact of Patient Outreach Interventions on Management of Velopharyngeal Insufficiency, Cleft Lip, and Cleft Lip and Palate	Scott	Hickey	MD	Genetic and Genome Medicine
Megan	Broughton	The impact of SUMOylation blockade on NK cell anti-leukemic activity	Bethany	Mundy-Bosse	PhD	Hematology
Chloe	Amsterdam	Comparing COVID-19 behaviors and beliefs in older vs. younger populations	Electra	Paskett	PhD	Internal Medicine
Emily	Fortman	Attitudes on Covid-19 and Influenza Vaccination in Cancer and Non Cancer Populations	Electra	Paskett	PhD	Internal Medicine
Andrew	George	Investigating the Tumor Microenvironment (TME) of Glioblastoma (GBM)	Zihai	Li	MD, PhD	Internal Medicine
Dana	Jolley	Comparing the Effectiveness of Two Interventions on Adherence to Cancer Screening: Rural vs Rural Appalachian Women	Electra	Paskett	PhD	Internal Medicine
Teja	Mallela	Demographic, Comorbidity, and Bacterial Associations of Hidradenitis Suppurativa	Benjamin	Kaffenberger	MD	Internal Medicine

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Jordyn	Puccio	Investigation of clinicopathological, molecular, and immune profile characteristics of Primary Cutaneous B-Cell Lymphomas (PCBCL).	Brittany	Dulmage	MD	Internal Medicine
Jason	Yang	Augmenting GARP-targeted strategy for cancer immunotherapy	Zihai	Li	MD, PhD	Internal Medicine
Bailey	Conrad	Assessing the impact of microbiome modification on lung cancer immunotherapy.	Daniel	Spakowicz	PhD	Medical Oncology
Sarah	Board	Discovery of Novel Adjuvants to Increase HIV Vaccine Immunogenicity	Namal	Liyanage	PhD	Microbial Infection and Immunity
Austin	Keller	Identification of host cell factors promoting incorporation of Env into HIV-1 viral particles	Michael	Root	MD, PhD	Microbial Infection and Immunity
Amir	Mafi	Mapping of Bacterial Biofilms on Retrieved Implants	Paul	Stoodley	PhD	Microbial Infection and Immunity
Sofia	Baena	Assessment of hypertension management and outcomes at a Spanish free clinic	Summit	Shah	MD	Nationwide Children's Hospital
Morgan	Doty	Association between high deductible health plans and unnecessary umbilical hernia repairs in children	Jennifer	Cooper	PhD	Nationwide Children's Hospital
Samantha	Gawrys	Identification of Factors Associated with Patent Ductus Arteriosus Closure in Preterm Infants within 72 hours Postnatal	Jonathan	Slaughter	MD	Nationwide Children's Hospital
Anitra	Karthic	Application of Behavioral Economic Strategies to Enhance Recruitment into a Pediatric Randomized Clinical Trial	Vanessa	Olbrecht	MD, MBA, FASA	Nationwide Children's Hospital

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Patrick	Kennedy	Social Determinants of Health in Prognosis and Outcomes of Pediatric Dysphagia and Aspiration	Prasanth	Pattisapu	MD, MPH	Nationwide Children's Hospital
Anna	Leone	Total colonic dysmotility in pediatric patients: diagnosis, treatment, and outcome measurement after intervention	Peter	Lu	MD	Nationwide Children's Hospital
Karlee	Schultz	Molecular Analysis of a Novel Murine Model of Congenital Aortic Valve Stenosis	Vidu	Garg	MD	Nationwide Children's Hospital
William	Schwartzman	Preclinical Evaluation of Tissue Engineered Vascular Grafts	Christopher	Breuer	MD	Nationwide Children's Hospital
Anamika	Shah	Parental Benefits and Burdens of Rapid Genomic Profiling in the Pediatric Acute and Critical Care Settings	Bimal	Chaudhari	MD, MPH	Nationwide Children's Hospital
Amanda	Walsh	The impact of selective dorsal rhizotomy on non-ambulatory children with cerebral palsy	Laurie	Glader	MD	Nationwide Children's Hospital
Jane	Yu	Characterization of Sodium Dodecyl Sulfate Distribution in Partially Decellularized Tracheal Scaffolds	Tendy	Chiang	MD	Nationwide Children's Hospital
Mara	Bahri	Comprehensive Study on Carotid Interventions - Procedural Details, Anticoagulation, and Relation to Acute Stroke and Stroke Prevention	Shahid	Nimjee	MD, PhD	Neurological Surgery
Gabe	O'Hara	Assessing vector delivery and expression for a novel, pro-drug gene therapy approach to addiction treatment.	Lluis	Samaranch	PhD	Neurological Surgery
Jordan	Hill	Brain and COVID-19: The Relationship Between Onset of Imaging During Hospitalization and Patient Outcome	Deepak	Gulati	MD	Neurology

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Samuel	Paul	Investigating Electrical Impedance Myography as a potential biomarker in Spinal Muscular Atrophy	William	Arnold	MD	Neurology
Chelsea	Bray	Impaired Neuronal-Glial Interactions in the Hippocampus Following Traumatic Brain injury	Jonathan	Godbout	PhD	Neuroscience
Ivana	DeVengencie	Specialized Pro-Resolving Lipid Mediators in Preeclampsia: Therapeutic Potential of Aspirin and Statins	Douglas	Kniss	PhD	Obstetrics/Gynecology
Elias	Maloof	The Effect of Anorectal Malformations and Hirschsprung Disease on Body Image and Daily Life in Children	Kate	McCracken	MD	Obstetrics/Gynecology
Paige	Santee	Retina Vascular Biomarkers and Preeclampsia Outcomes	Maged	Costantine	MD	Obstetrics/Gynecology
Jessica	Ghobrial	Understanding Plateau Iris Anatomy On Cataract Surgery Outcomes	Sayoko	Moroi	MD, PhD	Ophthalmology
Max	Liu	Getting Real World Eye Pressure Data to Understand Variations in Glaucoma Drug Response	Carol	Toris	PhD	Ophthalmology
Jasmine	McMillan	Role of extracellular matrix stiffness on myofibroblastic transformation of retinal pigment epithelial cells and Müller glia	Shigeo	Tamiya	PhD	Ophthalmology
Ronald	Thompson	Impact of COVID-19 pandemic on uveal melanoma diagnosis, stage, and treatment	Colleen	Cebulla	MD, PhD	Ophthalmology
Neha	Vazzalwar	Using Ultrasound Imaging to Assess Eye Fluid Drainage in Glaucoma	Jun	Liu	PhD	Ophthalmology

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Vamsee	Vemulapalli	Evaluation of Retinal, Choroidal, and Optic Nerve Head Perfusion Changes in Presumed Ocular Histoplasmosis Using Swept Source OCT Angiography.	Fatoumata	Yanoga	MD	Ophthalmology
Christian	Wong	iTRAQ proteomics of Proliferative Vitreoretinopathy	Colleen	Cebulla	MD, PhD	Ophthalmology
Brett	Bentkowski	Assessing the viability of tobramycin compared to vancomycin in cleaning ACL grafts for transplant	David	Flanigan	MD	Orthopaedics
Koral	Blunt	Influence of Staphylococcus epidermidis Biofilm on the Organization of Collagen and Integrity of Soft Tissue Allograft	David	Flanigan	MD	Orthopaedics
Galo	Bustamante	Osteochondral defects - Identify and follow up patients who underwent ORIF of loose fragments	Robert	Magnussen	MD, MPH	Orthopaedics
Alejandro	de la Cova	Neuromuscular Intervention Targeted to Mechanisms of ACL Load in Athletes	Nathaniel	Bates	PhD	Orthopaedics
Ryan	Dopirak	Thumb Carpometacarpal Denervation Case Series	Kanu	Goyal	MD	Orthopaedics
Bryce	Dzubara	The Impact of Meniscus and Cartilage Injuries on Outcomes After Revision ACL Reconstruction	Robert	Duerr	MD	Orthopaedics
Amogh	Iyer	Comparing Clinical Outcomes between Quadriceps Tendon and Hamstring Tendon Autografts for Primary Anterior Cruciate Ligament Reconstruction	Christopher	Kaeding	MD	Orthopaedics
Matthew	Marquardt	Mixed-Methods Needs Assessment for a Longitudinal Surgical Preparation Course in Undergraduate Medical Education	Carmen	Quatman	MD, PhD	Orthopaedics

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Logan	Moews	Long Term Outcomes of Meniscus Repair	Christopher	Kaeding	MD	Orthopaedics
Ashkar	Patel	Clinical and Radiographic Predictors of Failure of Non-Operative Treatment of Glenohumeral Arthritis	Ryan	Rauck	MD	Orthopaedics
Christopher	Rutter	Assessing a Surgical Preparation and Skills Curriculum for Undergraduate Medical Education	Carmen	Quatman	MD, PhD	Orthopaedics
Nathalie	Sackey	Effect of Patient History Factors on Meniscus Repair Outcomes	Michael	Baria	MD, MBA	Orthopaedics
Emily	Goodwin	Understanding Tracheostomy in Infants: Maternal Depression and Maternal-Infant Bonding	Gregory	Wiet	MD, FACS, FAAP	Otolaryngology
Lily	Kreber	Examining the effectiveness of different resorbable biomaterials for tracheal splinting	Tendy	Chiang	MD	Otolaryngology
Adam	Smith	Effectiveness of Vibrotactile Biofeedback in Improving Surgical Ergonomics in Otolaryngology	Charles	Elmaraghy	MD	Otolaryngology
Zachary	Wykoff	Microsurgery vs. Stereotactic Radiosurgery for Vestibular Schwannoma: A Single-Center Study	Yin	Ren	MD, PhD	Otolaryngology
Megan	Wong	Can Glomerular Involvement in Renal Pelvic Urothelial Carcinoma Be Used to Redefine pT3 and Improve Correlation with Survival?	Debra	Zynger	MD	Pathology
Layna	Mager	Analysis of C4B Gene Copy Number as a Predictor of Cardiovascular Disease in Systemic Lupus Erythematosus	Stacy	Ardoin	MD, MS	Pediatric Rheumatology

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Emma	Hansen	Safety and Efficacy of Repeat Platelet-Rich Plasma as Maintenance Therapy for Knee Osteoarthritis	Michael	Baria	MD, MBA	Physical Medicine and Rehabilitation
Emily	Coffey	The Impact of ACL Graft Choice on Meniscal Repair Outcomes	Laura	Schmitt	PhD	Physical Therapy
Nojan	Bajestani	Development of a Sheep Translational Model of Cranial Reconstruction	Kerry-Ann	Mitchell	MD, PhD	Plastic Surgery
Abigail	Buckley	Evaluating Patient Outcomes, Referral Patterns, and the Use of Social Media in the Acute Flaccid Myelitis Population	Amy	Moore	MD	Plastic Surgery
Valeria	Gamarra	Prospective Study of Neurocognitive and Language Outcomes in Children with Craniosynostosis	Abraham	Khansa	MD	Plastic Surgery
Molly	Meeker	The Effect of an Integrated Orthoplastic Approach to Extremity Trauma on Efficiency and Outcomes	Jason	Souza	MD	Plastic Surgery
Eric	Min	A Ten Year Retrospective Review of Speech, Language, and Hearing Outcomes in Children with Craniosynostosis	Gregory	Pearson	MD	Plastic Surgery
Shelby	Cash	Effects of trainer continuity and experience on neurofeedback treatment of ADHD in children	Eugene	Arnold	MD	Psychiatry
Mackenzie	King	Prenatal Stress and Probiotics: Implications for Preventing Neuroinflammation and Behavioral Outcomes	Tamar	Gur	MD, PhD	Psychiatry
Cassandra	Pasady	Risk Factors for Repeated Involuntary Medication of Patients in Psychiatric Crisis in the Emergency Department	Katherine	Brownlowe	MD	Psychiatry



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Carson	Rogge	Trainer Priorities and Language Choice during ADHD Neurofeedback Training	L. Eugene	Arnold	MD	Psychiatry
Srividhya	Madireddy	Pediatric injuries associated with martial arts treated in emergency departments in the United States, 2004-2021	Lara	McKenzie	PhD	Public Health
Jennifer	Matsui	Fractionated Preoperative Radiosurgery for Large Brain Metastasis	Joshua	Palmer	MD	Radiation Oncology
Drayson	Campbell	Are Diverting Ostomies Beneficial Prior to Reoperative Surgery for Hirschsprung Disease?	Ihab	Halaweish	MD	Surgery
Jin Young	Chang	The effects of socioeconomic status on the choices and outcomes of hernia repair surgery	Courtney	Collins	MD	Surgery
Madison	Hart	Investigating the role of CD4+ T cell subsets in the development of novel antibody-suppressor CD8+ T cells	Ginny	Bumgardner	MD, PhD	Surgery
Sahana	Holla	Abdominal Wall Physical Therapy for Older Hernia Patients	Courtney	Collins	MS, MD	Surgery
Divyaam	Satija	Surgical and transcatheter bicuspid aortic valve replacement	Matthew	Henn	MD	Surgery
Jack	Redick	Early Detection and Treatment of Esophageal Cancer by Targeting Tumor Angiogenesis	Zhiwei	Hu	MD, PhD	Surgical Oncology
Sydney	Castellanos	Investigating the effector function and antigen specificity of anti-viral and antibody-suppressor CXCR5+CD8+ T cell subsets	Ginny	Bumgardner	MD, PhD	Transplantation Surgery
Lily	Kaufman	Addressing Stereotypes in Healthcare: Insights for Designing an Implicit Bias Curriculum for Medical Students	Tasha	Posid	PhD	Urology