

Email	Student First Name	Student Last Name	Project Title	Mentor's First Name	Mentors Last Name	Mentor Degree	Mentors Department
Nikhil.Adapa@osumc.edu	Nikhil	Adapa	Anterior vs. superior plating of distal clavicle fractures: A biomechanical study	Kanu	Goyal	MD	Orthopaedics
aderinola.adejare@osumc.edu	Aderinola	Adejare	Examining Barriers to Cancer Prevention Tests, Diagnostic Follow-up, and Treatment Initiation among Medicaid Patients in the Way Finder Program	Darrell	Gray II	MD	Gastroenterology, Hepatology & Nutrition
david.allen@osumc.edu	David	Allen	Sevoflurane-Induced Glutamate Dysregulation, a Potential Mechanism of Anesthesia-Induced Developmental Neurotoxicity (AIDN)	Emmett	Whitaker	MD	Anesthesiology
matthew.basinger@osumc.edu	Matthew	Basinger	Bench to Bedside: Human Alloimmunity	Ginny	Bumgardner	MD, PhD	Surgery
Nicholas.beecroft@osumc.edu	Nicholas	Beecroft	An Evaluation of the Impact of Incomplete Imaging in Urologic Trauma	Daryl	McLeod	MD	Urology
patricia.belle@osumc.edu	Patricia	Belle	Post-nissen fundoplication dysphagia: Evaluation of predictors and treatment options	Kyle	Perry	MD	Surgery
pamela.benavidez@osumc.edu	Pamela	Benavidez	Cytokine expression in frontal cortex of neonatal piglets in response to sevoflurane general anesthesia	Emmett	Whitaker	MD	Anesthesiology
Kendyl.Carlisle@osumc.edu	Kendyl	Carlisle	VMF Aptamer Therapy after Thrombectomy in a Canine Stroke Model	Shahid	Nimjee	MD, PhD	Neurological Surgery
shruthi.chandra@osumc.edu	Shruthi	Chandra	Mechanobiology of Acute Lung Injury and Ventilation Induced Injury	Samir	Ghadiali	PhD	Engineering

Email	Student First Name	Student Last Name	Project Title	Mentor's First Name	Mentors Last Name	Mentor Degree	Mentors Department
david.chen2@osumc.edu	David	Chen	CRISPR/Cas9-mediated Screening of Critical Oncogenes in 17q gain Neuroblastoma	Nilay	Shah	MD	Pediatrics
lauren.chen@osumc.edu	Lauren	Chen	Mitogen-activated kinase protein kinase phosphatase-1: a potential biomarker for bronchopulmonary dysplasia-associated pulmonary hypertension	Jennifer	Trittmann	MD	Pediatrics
helen.chou@osumc.edu	Helen	Chou	Association of Employment and Education on Outcomes in Adolescent and Young Adult Lung Transplant Recipients	Dmitry	Tumin	MD	Pediatrics
Daniel.Chrzanoski@osumc.edu	Daniel	Chrzanowski	Characteristics of Defined Media for the Culture of Human Mesenchymal Stem Cells	David	Dean	PhD	Plastic Surgery
jacqueline.chu@osumc.edu	Jacqueline	Chu	Retrospective study of varicella in multiple myeloma patients	Craig	Hofmeister	MD	Internal Medicine
Caitlin.Coombes@osumc.edu	Caitlin	Coombes	Investigating the Touch of Humanism in Medicine on Student Resilience in Medical School	Don	Hayes Jr.	MD	Pediatrics
elana.curry@osumc.edu	Elana	Curry	Access to Reproductive Health Services and Infant Health Outcomes in Ohio	Alison	Norris	MD, PhD	Internal Medicine
bradley.disbrow@osumc.edu	Bradley	Disbrow	Sunlight exposure and colorectal cancer risk in Lynch syndrome	Heather	Hampel	MS, LGC	Internal Medicine
Steven.Elzein@osumc.edu	Steven	Elzein	Effects of Calcineurin Inhibition on a Novel CD8+ T Cell Subset	Ginny	Bumgardner	MD, PhD	Surgery

Email	Student First Name	Student Last Name	Project Title	Mentor's First Name	Mentors Last Name	Mentor Degree	Mentors Department
Nicholas.Farrar@osumc.edu	Nicholas	Farrar	Persistent Cultures After Long-Term Antibiotic Release in Total Joint Arthroplasty	Paul	Stoodley	PhD	Microbial Infection and Immunity
nolan.farrell@osumc.edu	Nolan	Farrell	Lower Extremity Surgery in Cerebral Palsy and Changes in GMFM	Amanda	Whitaker	MD	Pediatric Orthopaedics
michelle.feeneey@osumc.edu	Michelle	Feeneey	Validation of a Novel EHR Patient Portal Advance Care Planning Delivery System	Seuli	Brill	MD	Internal Medicine
samuel.frank@osumc.edu	Samuel	Frank	Characterizing KRAS Mutant Mediated Radioresistance by Targeting Nuclear DNA Repair Intermediates	Terence	Williams	MD, PhD	Radiation Oncology
timothy.grosel@osumc.edu	Timothy	Grosel	Reverse shoulder arthroplasty vs. hemiarthroplasty for proximal humerus tumors	Jonathan	Barlow	MD	Orthopaedics
Naima.Hashi@osumc.edu	Naima	Hashi	MicroRNA-29b Regulation of NK cell Development in Acute Myeloid Leukemia	Michael	Caligiuri	MD	Hematology
nina.hill@osumc.edu	Nina	Hill	Retrospective Review of Pediatric Tibia Fractures with Associated Ankle Injuries	Julie	Samora	MD, PhD	Orthopaedics
khaled.himed@osumc.edu	Kahlid	Himed	Effect of opioids on posterior spinal fusion in a rabbit model	Safdar	Khan	MD	Orthopaedics
Zachary.Hodosevich@osumc.edu	Zachary	Hodosevich	U.S. Adult Burn Patient Unplanned 30-Day Readmissions	Huiyun	Xiang	MD, PhD	Pediatrics

Email	Student First Name	Student Last Name	Project Title	Mentor's First Name	Mentors Last Name	Mentor Degree	Mentors Department
kalyn.hoffman@osumc.edu	Kalyn	Hoffman	Cellular and molecular requirements of CD8+ TAb-supp cell generation and expansion	Ginny	Bumgardner	MD, PhD	Surgery
syed.hussaini@osumc.edu	Syed	Hussaini	Viral infections in lymphomas: case control analysis	Craig	Hofmeister	MD	Internal Medicine
ivancic.13@buckeyemail.osu.edu	Ryan	Ivancic	The role of ETV5 in head and neck cancer	Quintin	Pan	PhD	Otolaryngology
aashish.katapadi@osumc.edu	Aashish	Katapadi	Exercise Mechanisms of Air Pollution and Obesity on the Heart	Loren	Wold	PhD	Physiology & Cell Biology
Samuel.Kennedy@osumc.edu	Samuel	Kennedy	Epidemiology of Maternal and Child Hepatitis C Virus Infection in Ohio	Jonathan	Honegger	MD	Internal Medicine
saher-zahra.khan@osumc.edu	Saher-Zahra	Khan	Opioid Medication Consumption after Hospital Discharge in Orthopedic Surgery	Sergio	Bergese	MD	Anesthesiology
aaron.koenig@osumc.edu	Aaron	Koenig	Role of miR-21 in Sorafenib Resistance of Hepatocellular Carcinoma	Kalpana	Ghoshal	PhD	Pathology
morgan.kohls@osumc.edu	Morgan	Kohls	What are the Rates and Causes of 30 and 90 Day Readmissions After Elective Spine Surgeries at OSUMC?	Safdar	Khan	MD	Orthopaedics
daniel.konstantinou@osumc.edu	Daniel	Konstantinou	Dimensional Optimization of 3D Printed Scaffolds for Ideal Fluid Perfusion and Cell Culture of Mandibular Implants	Ciro	Rodriguez	PhD	Plastic Surgery

Email	Student First Name	Student Last Name	Project Title	Mentor's First Name	Mentors Last Name	Mentor Degree	Mentors Department
Peter.Lancione@osumc.edu	Peter	Lancione	Role of Spectrin in Cardiomyocyte Excitability and Arrhythmogenesis	Peter	Mohler	PhD	SBS-Physiology & Cell Biology
allison.larocco@osumc.edu	Allison	LaRocco	Investigating the regulatory role of EGFL7 on leukemia stem cells	Adrienne	Dorrance	PhD	Hematology
melissa.leroux@osumc.edu	Melissa	Le Roux	Cerebral small vessel disease and its effects on the treatment outcome of acute ischemic stroke	Yousef	Hannawi	MD	Neurology
grace.lee4@osumc.edu	Grace	Lee	Child Passenger Fatalities: Child Safety Seat and Contributing Factors.	Motao	Zhu	MD, PhD	Pediatrics
michelle.maniouss@osumc.edu	Michelle	Manious	Primary care management of food allergy	Irene	Mikhail	MD	Pediatrics
sean.mcdermott@osumc.edu	Sean	McDermott	Clinical outcomes of metastatic neuroendocrine tumors to the liver treated with transarterial chemoembolization	Lawrence	Shirley	MD	Surgery
mariel.mcguiness@osumc.edu	Mariel	McGuiness	Assessing the Implementation of MyChart Bedside at OSUWMC	Ann	McAlearney	PhD	Family Medicine
rohit.menon@osumc.edu	Rohit	Menon	Global Assessment Tool - Echocardiography Simulation (GATES)	David	Bahner	MD	Emergency Medicine
lindsay.mlynarek@osumc.edu	Lindsay	Mlynarek	Surgical Case Planning Mobile Application in Plastic Surgery Resident Education	Clara	Lee	MD	Plastic Surgery

Email	Student First Name	Student Last Name	Project Title	Mentor's First Name	Mentors Last Name	Mentor Degree	Mentors Department
james.moley@osumc.edu	James	Moley	Mapping of Bacterial Biofilms on Orthopaedic Implants	Paul	Stoodley	PhD	Microbial Infection and Immunity
jacqueline.mostow@osumc.edu	Jacqueline	Mostow	Assessing the Perspective of Medical Students and Physicians Regarding Reproductive Health Laws in Ohio	Alison	Norris	MD, PhD	Internal Medicine
nikitaa.nath@osumc.edu	Nikitaa	Nath	Cerebral Small Vessel Disease and its link to cerebral arterial calcifications and stenosis	Yousef	Hannawi	MD	Neurology
aroh.pandit@osumc.edu	Aroh	Pandit	Osteoarthritis Risk Factors: Correlating Cam Lesion Size and Chondral Damage	William	Vasileff	MD	Orthopaedics
Jenna.Patterson@osumc.edu	Jenna	Patterson	The Role of Innate Immunity and Stress in Preterm Birth	Tamar	Gur	MD, PhD	Psychiatry
john.patton@osumc.edu	John	Patton	Characterization of Immunosuppressive Macrophage in EBV-Driven Lymphoproliferative Disease	Robert	Baiocchi	MD, PhD	Internal Medicine
joshua.pinzas@osumc.edu	Joshua	Pinzas	Geographic disparities in outcomes of heart transplantation	Don	Hayes	MD	Pediatrics
hilary.pitner@osumc.edu	Hilary	Pitner	Assessment of Accuracy of Ultrasound in Pre-Operative Diagnosis of Midline Neck Masses in Children	Patrick	Walz	MD	Otolaryngology
sarah.poland@osumc.edu	Sarah	Poland	All-Inside Versus Inside-Out Meniscal Repair: Cost Analysis and 2-Year Clinical Outcomes	David	Flanigan	MD	Orthopaedics

Email	Student First Name	Student Last Name	Project Title	Mentor's First Name	Mentors Last Name	Mentor Degree	Mentors Department
franklin.privette@osumc.edu	Franklin	Privette	Child Passenger Fatalities: Booster Seat Usage and Contributing Factors	Motao	Zhu	MD, PhD	Pediatrics
mayuran.ravindran@osumc.edu	Mayuran	Ravindran	Retrospective Analysis of Asthma Exacerbations Before and After Evaluation in a Specialty Asthma Clinic	David	Stukus	MD	Pediatrics
kasey.rawlins@osumc.edu	Kasey	Rawlins	The Role of a Multidisciplinary Tumor Board in the Management of Complex Pancreatic Disease	Lawrence	Shirley	MD	Surgery
casey.ren@osumc.edu	Casey	Ren	Analysis of microRNA patterns in ulcerated melanoma primaries to guide treatment decisions	William	Carson	MD	Surgery
cole.rodman@osumc.edu	Cole	Rodman	Vasculitis Patients' Understanding of Numbers	Alexa	Meara	MD	Rheumatology
hussam.salhi@osumc.edu	Hussam	Salhi	Functional Properties of Troponin Tyrosine Phosphorylation in Cardiac Muscle	Brandon	Biesiadecki	PhD	Physiology Cell Biology
nikolas.sarac@osumc.edu	Nikolas	Sarac	Prevalence of Injury in Incoming Freshmen Athletes	James	Borchers	MD	Family Medicine
nayan.shah@osumc.edu	Nayan	Shah	The Immune Response to Burn Injury	Rajan	Thakkar	MD	Pediatric Surgery
rachel.shain@osumc.edu	Rachel	Shain	Maternal attitudes towards infant sleeping environments: a closer look at Central Ohioan families	Courtney	Lynch	PhD	Obstetrics & Gynecology

Email	Student First Name	Student Last Name	Project Title	Mentor's First Name	Mentors Last Name	Mentor Degree	Mentors Department
dshao@fordham.edu	Diana	Shao	Comparing automated and manual approaches for determining diagnoses based on patient note narratives	Simon	Lin	MD	Pediatrics
simranpreet.singh@osumc.edu	Simranpreet	Singh	Relationship of smoking and drinking to hypermethylation in colorectal cancer patients	Peter	Shields	MD	Internal Medicine
chelsea.skinner@osumc.edu	Chelsea	Skinner	CRISPR/Cas9-mediated Screening of Critical Tumor Suppressors in 11q loss Neuroblastoma	Nilay	Shah	MD	Pediatrics
matthew.smyke@osumc.edu	Matthew	Smyke	Measurement of Blood Oxygen Saturation using MRI	Orlando	Simonetti	PhD	Radiology & Cardiovascular Medicine
deepa.subramaniam@osumc.edu	Deepa	Subramaniam	Identification of Epstein Barr Virus Protein Products as Optimal Candidates for Comprehensive Vaccination Strategy	Michael	Caligiuri	MD	Hematology
anirudh.tarimala@osumc.edu	Anirudh	Tarimala	Impact of Ohio's Youth Concussion Law on Patterns of Healthcare Utilization among Medicaid Patients	Jingzhen (Ginger)	Yang	PhD	Pediatrics
tyler.tate@osumc.edu	Tyler	Tate	Role of CUT1 Family ABC Carbohydrate Transporters in Pneumococcal Physiology	Samantha	King	PhD	Pediatrics
toacca.taylor@osumc.edu	Toacca	Taylor	Microlesion induced changes in network dynamics for prediction of deep brain stimulation efficacy	Vibhor	Krishna	MD	Neurological Surgery
starling.tolliver@osumc.edu	Starling	Tolliver	A cross-sectional survey of female hair care practices in relation to hair, skin, and overall health in African-American women	Benjamin	Kaffenberger	MD	Dermatology

Email	Student First Name	Student Last Name	Project Title	Mentor's First Name	Mentors Last Name	Mentor Degree	Mentors Department
sally.trout@osu mc.edu	Sally	Trout	Clubfoot Treatment in the NICU	Amanda	Whitaker	MD	Pediatric Orthopaedics
lauren.ulsh@osu mc.edu	Lauren	Ulsh	Incidence of Cushing Syndrome in Medullary Thyroid Cancer	Lawrence	Kirschner	MD, PhD	Internal Medicine
Reena.Underiner@osumc.edu	Reena	Underiner	Meta-analysis of treatment modalities in metastatic atypical teratoid/rhabdoid tumors in children	Mohamed	AbdelBaki	MD	Pediatrics
jordan.vajda@osumc.edu	Jordan	Vajda	Injuries associated with cosmetics in young children treated in U.S. emergency departments	Lara	McKenzie	PhD	Pediatrics
anthony.vargas@osumc.edu	Anthony	Vargas	Retrospective evaluation of ED Observation Unit protocols with attention to quality measures and patient placement factors	Lauren	Southerland	MD	Emergency Medicine
celia.venezia@osumc.edu	Celia	Venezia	Strategies for Pregnancy Achievement: Is having difficulty getting pregnant associated with stress, anxiety, and depression?	Courtney	Lynch	PhD	Obstetrics & Gynecology
yalan.vu@osumc.edu	Yalan	Vu	Patient Engagement with a Patient Portal in the In-Patient Setting	Cynthia	Sieck	PhD	Family Medicine
colleen.waickman@osumc.edu	Colleen	Waickman	A Comparison of Vaginal and Intramuscular Progesterone for the Prevention of Preterm Birth in Women with a History of Premature Delivery	Heather	Frey	MD	Obstetrics/Gynecology
Tyler.West@osu mc.edu	Tyler	West	The Effect of Cam Lesion Size on Self Reported Outcome Scores After Arthroscopic Surgery	John	Ryan	MD	Orthopaedics

Email	Student First Name	Student Last Name	Project Title	Mentor's First Name	Mentors Last Name	Mentor Degree	Mentors Department
jessica.wolf@osumc.edu	Jessica	Wolf	Optimization of the geographical placement of the mobile stroke unit in the city of Columbus	Michel	Torbey	MD	Neurology
Jacqueline.Yurkoski@osumc.edu	Jacqueline	Yurkoski	Somali Women's Health Project	Abigail	Norris Turner	PhD	Internal Medicine
alexander.zha@osumc.edu	Alexander	Zha	Anti-viral Immune Response in the Development of Atopic Disease	Mitchell	Grayson	MD	Allergy/Immunology
charles.zhang@osumc.edu	Charles	Zhang	Bone Extracellular Matrix (ECM) Deposition on Thin Film and 3D Printed Poly(propylene fumarate) Tissue Engineering Scaffolds	David	Dean	PhD	Plastic Surgery