

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

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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.Chrzano wski@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

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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.feeney@osumc.edu	Michelle	Feeney	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

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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

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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@osu.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 â€“ 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

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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

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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

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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

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sally.trout@osumc.edu	Sally	Trout	Clubfoot Treatment in the NICU	Amanda	Whitaker	MD	Pediatric Orthopaedics
lauren.ulsh@osumc.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@osumc.edu	Tyler	West	The Effect of Cam Lesion Size on Self Reported Outcome Scores After Arthroscopic Surgery	John	Ryan	MD	Orthopaedics

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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