

2013 Office of Civic Education Initiatives Summer Internship Program Student Roster with Research Title and School Name

Program	Last Name	First Name	Research Project Title	School
Medical Laboratory	Cahalan	Shannon	Improving Sensitivity of Steroid Measurement by Mass Spectrometry to Meet Clinical Needs	Akron Firestone High School
Pharmacy	Jacobs	Eric	Bedside Prescription Delivery Improved Efficiency	Amherst Steele High School
Medical Laboratory	Johnson	Chad	Age as a Factor in Outcomes Following Treatment in a Chronic Pain Rehabilitation Program	Amherst Steele High School
Science	Semon	Gabrielle	Retrospective Review of Total Knee Arthroplasties Performed Using the Exactech GPS Surgical Navigation System	Amherst Steele High School
Science	Sharafuddin	Ryan	Use of an Electronic Tablet as an Anesthesiology Teaching Tool in the Operating Room; A Prospective Study	Aurora High School
Science	Baskar	Suji	Availability and Barriers to Wellness in Multiple Sclerosis Patients	Avon High School
Science	Finnegan	Stephen	Effect of Exercise Training with a Low or High Glycemic Index Diet on White Blood Cell Numbers in Older Adults	Avon Lake High School
Science	Gu	Yu	Assessing the Needs for Primary Care Women's Health	Avon Lake High School
Science	Makadia	Briana	The Emotive Impact of Words on Patients	Avon Lake High School
Science	Shabab	Jonathan	International Adoption Registry; Cleveland Clinic Children's Experience 2007-2013	Avon Lake High School
Radiology	Rodriguez	Daniel	Overview of Oncological Hepatobiliary Interventions in Interventional Radiology	Beachwood High School
Science for Nursing	Townes	Tamarea	An Investigation of Risk Factors Associated with Hypoglycemia in Adult Hospitalized Patients	Beachwood High School
Creative Learning	Baer	Olivia	mRI	Beaumont School
Science for Nursing	Lesley	Logan	How the Professional Practice Model Affects the Cleveland Clinic Nurse	Bedford High School
Science	Searight	Antonia	Does the Preprocedural Fasting Time Affect the Outcome of Procedural Sedation in the Emergency Department?	Bedford High School
Science	Zyle	Matthew	The Association between Asthma Control and Susceptibility to Viral Infections	Benedictine High School
Science	Sracic	Katya	Sustainability of Asthma Quality Improvement Measures in a Pediatric Primary Care Office After Participation in a Learning Collaborative	Boardman High School
Science	Coughlin	Paige	Benefits of Normothermic Perfusion over Cold Storage in Liver Transplantation and the Potential for Organ Banking	Brecksville-Broadview Heights High School
Pharmacy	Nassif	Nicole	Impact of Implementing Bar Code Medication Scanning to Decrease Pyxis Refill Errors	Brecksville-Broadview Heights High School
Science	Sai	Sunder	Respiratory COPD Readmission	Brecksville-Broadview Heights High School
Science for Nursing	Zak	Alexis	Compliance with Scrub Attire	Brecksville-Broadview Heights High School
Science	Tessier	Gregory	Developing a Model of Autoimmune Epilepsy Using a Mouse Model of Systemic Lupus Erythematosus	Cardinal High School
Science	Kosmidis	Theresa	Initial Experience with Robotic Assisted Roux-en-y Gastric Bypass: A Matched Case Series	Chagrin Falls High School
Science for Nursing	Dankle	Megan	The Confidence and Competence of Nurses in the Procedure of Suture Removal	Cuyahoga Heights High School
Science	Butler	Nicholas	Functional Connectivity in the Epileptic Brain Investigated Using Stereo EEG	Cuyahoga Valley Christian Academy
Science for Nursing	Knight	Olivia	Discharge Instructions in the PACU; Survey of Nurse's Perception	Fairview High School
Science for Nursing	Clark	Heaven	Cardiac Arrest Associated with Pregnancy: Who Comes First, the Fetus or the Mother?	Girard Junior/Senior High School
Science	Omojujanfo	Ovwoioise	Liver Sterilization in an Ex-Vivo Normothermic Model	Glean Academy
Respiratory Therapy	Bennett	John	Studies to Determine Optimal Small Volume Nebulizer Performance	Hamilton College
Science	Russell	Rebekah	Regulation of Neurite Outgrowth Inhibitor in Chronic Hydrocephalus	Hawken School
Radiology	Bigley	Madeline	Evaluate Incidence of and Risk Factors for Pneumothorax and Chest Tube Placement After CT-guided Lung Biopsy	Highland High School
Radiology	Chen	Alice	Predictors of Carotid Plaque Detected by Vascular Screening in the Executive Health Population	Hudson High School
Science	Chen	Connie	The Path to Recovery: The Impact of Low Fat Versus Normal Fat Diet on Medical Recovery of Children and Adolescents with Eating Disorders	Hudson High School
Public Health	Neifert	Heather	Importance of Digital Rectal Examination (DRE) in Prostate Cancer Aggressiveness on Initial Needle Prostate Biopsy	Hudson High School
Science	Rafferty	Sophia	A Retrospective Study of Patients Prescribed Honey Thick Liquids on Pneumonia Incidence	Hudson High School
Science	Bhargava	Abhishek	Open Vs. Laparoscopic Inguinal Herniorrhaphy: A Population-Based, Retrospective Analysis	Jackson High School

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Medical Laboratory	Burdette	Destiney	Investigation of the Use of Mitogens to Improve Culture Methods for Chronic Lymphocytic Leukemia (CLL) Cases	John Hay Cleveland School of Science and Medicine
Science for Nursing	Lyles	Te'Asia	Children's Resuscitation: Are First Responders Using Improper Bagging Methods due to their Emotional Response of a Critical Event?	John Hay Cleveland School of Science and Medicine
Science	Marlow	Aliz'e	Race and Ethnicity Medical Research Survey of the Minority Men's Health Center	John Hay Cleveland School of Science and Medicine
Science for Nursing	Onyeukwu	Ogechi	Evaluation of Aseptic Technique in the Birthing Center Operating Room	John Hay Cleveland School of Science and Medicine
Science	Fleming	Alexis	Effect of the Level of Manikin Used During Class on the Quality of CPR Learned	Kenston High School
Pharmacy	Grcevich	Leah	Prospective Review of Adverse Drug Events Reported by Inpatient Pharmacy Personnel	Kenston High School
Science for Nursing	Schirripa	Ashlee	The Implication of the CAM-ICU during Assessments for the Diagnosis of Delirium in an ICU Setting	Kent State University
Radiology	Achauer	Samantha	Intra-Articular Corticosteroid Hip Injection (IACHS)	Kirtland High School
Science	Rede	Archit	Development of Novel Methods to Investigate Hyaluronan-Leukocyte Interactions	Lake Ridge Academy
Science	Abdullah	Neelab	Ahead of the Race: HPV Vaccination in Youth	Lakewood High School
Science for Nursing	Dever	Margaret	Patient Navigation: An Integral Component of the Interdisciplinary Team	Lakewood High School
Science	Dahill	Audrey	Examining Vitamin D Levels to Determine How Levels of Deficiency Correlate to the Risk of Injury in Bones	Magnificat High School
Science for Nursing	Schmidt	Molly	Trial of Mothers Participation in Neonatal Abstinence Syndrome (NAS) Scoring	Magnificat High School
Creative Learning	Taleb	Nardine	Insite Web Course on Infectious Diseases	Magnificat High School
Radiology	Vazquez	Daenera	Retrospective Review of CT Brain and XR Shunt Series in Patients with Shunted Hydrocephalus	Magnificat High School
Science for Nursing	Adams	Carrie	Decreasing Call Light Usage by Increasing Nurse Communication and Hourly Rounding	Maple Heights High School
Science	Mann	Ramandeep	The Effects of Physical Therapy Intervention on Patients Requiring Mechanical Ventilation: A Retrospective Study	Maple Heights High School
Science	Trowsdell	Paris	Distinguishing the Differences of Academic Behaviors between Children and Adolescents in the Cleveland Clinic's Summer Treatment Program	Maple Heights High School
Science for Nursing	Hohenfeld	Jasmine	Improving Quality and Patient Safety Through Accurate Shift-to-Shift Hand-off Communication	Mayfield High School
Science	Kaiwan	Oroshay	The Effect of Hyperglycemia on the Incidence of Retinopathy of Prematurity	Mayfield High School
Radiology	Mendez	Mynor	Prognostic Significance of Echocardiographic and Cardiac MRI Parameters in Patients with Systolic Heart Failure	Mayfield High School
Health Horizons	Mannery	DeVonn	How Schedule Changes Impact Patient Outcomes	MC2 STEM High School
Science for Nursing	DiCola	Christina	The Effects of Education and Mock Codes on the Caregivers of the Neonatal Intensive Care Unit	Mentor High School
Science	Rykaczewski	Victoria	Myostatin Mediates Skeletal Muscle Loss During Hyperammonemia of Cirrhosis	Mentor High School
Science for Nursing	Taylor	Elliott	The Effects of Patients Being Out of Bed for Meals on a Medical Surgical Unit	Mentor High School
Science	Sales	Michelle	Use of an Electronic Tablet as an Anesthesiology Teaching Tool in the Operating Room; A Prospective Study	Midpark High School
Science	Tang	Leanne	The Emotive Impact of Words on Patients	Midpark High School
Public Health	Marita	Jessica	High School Students Lead a "Flipped Classroom" Model for Transplantation and Organ Donation Education	North Olmsted High School
Science for Nursing	Yee	Shirley	Assessment of the Current Educational Materials Available at Avon Pointe/Identification of the Deficits in Order to Improve Them	North Olmsted High School
Science	Hajovsky	Dale	The Effect of Aquatic Therapy on Lower Extremity Functional Scale Outcome Measures	North Royalton High School
Science	Kasaris	Melanie	The Significance of Chronic Pain on Patient Attendance to Rehabilitation Sessions	North Royalton High School
Science for Nursing	Kerling	Nicole	Noise Levels in ECT and Implications on Patient Care	North Royalton High School
Medical Laboratory	Lopes	Joao	Important Discoveries for Pain Management Testing Via Patient Data Mining	North Royalton High School
Science for Nursing	White	Sydney	Healthcare Workers Perception of Safety Culture in Healthcare	North Royalton High School
Science	Eddy	Sydney	Effect of Walking Speed and Assistive Devices on Spatiotemporal Parameters of Gait in Multiple Sclerosis	Norwalk High School
Pharmacy	Dimmick	Samuel	Prospective Review of Adverse Drug Events Reported by Nursing Personnel	Notre Dame-Cathedral Latin School

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Science	Hyslop	Emily	Predictors of Disease Control and Survival in Patients with Squamous Cell Cancer of the Oropharynx with known HPV Status	Notre Dame-Cathedral Latin School
Science	Kaucic	Brady	Outcomes for a Multidisciplinary Tertiary Care Pediatric Obesity Clinic: The Pediatric Preventative Cardiology and Metabolic Clinic	Notre Dame-Cathedral Latin School
Radiology	Smith	Rorey	CT-Guided Procedures: Dose Differences in Conventional CT Versus "Quick Check" CT	Notre Dame-Cathedral Latin School
Science	Tavares	Matthew	Innovative Ways to Promote Organ Donation in African Americans	Notre Dame-Cathedral Latin School
Creative Learning	Lambert	Rachel	myINTERNSHIP; OCEI brochure	Ohio University
Science for Nursing	Grubbs	Knautika	Effects of iPod Technology Use in Documentation by PCNAs	Ohio Virtual Academy High School
Science for Nursing	Cochrac	Sarah	Re-admission of Stroke and Pneumonia Patients: The Impact of Follow-Up Appointments	Olmsted Falls High School
Science for Nursing	Rieke	Jorden	The Influence of Arterial Lines on the Management of Intracerebral Hemorrhage During Medical Transport	Olmsted Falls High School
Science	Hu	Jinxuan	Exploring Notch Ligands as BACE1 Substrates	Orange High School
Science	Thomas	Gwendolyn	A Qualitative Analysis to Address Barriers to Completion of Electronic Patient Questionnaires	Orange High School
Pharmacy	Nieszczur	Alexis	Prescription Label Requirements Impact to Pharmacy and to Patients	Padua Franciscan High School
Science	Suba	Jessica	Evaluating the Effectiveness of a Short Articulated Ankle Foot Orthosis Compared to a Short Solid Ankle Orthosis in the Long Term Treatment of Charcot Neuroarthropathy	Riverside High School
Medical Laboratory	Yamamoto	Kaila	The Impact of Cobalt Chloride on Tissue Morphology, Antigenicity, and Special Stains	Riverside High School
Science	Sullo	Victoria	Cardioversion in the Emergency Department: Is it Safe and Effective?	Rocky River High School
Radiology	Polster	Jake	Non-invasive Imaging of Atherosclerosis and Assessment of Disease Progression	Shaker Heights High School
Health Horizons	Scott	Summer	Center for Pediatric Behavioral Health Career Exploration	Shaker Heights High School
Science	van den Akker	Anno	Evaluation of Sensors on Intelligent Mouth Guard	Shaker Heights High School
Science for Nursing	Zarders	Bianca	Effects of Video Phone Calls (Face time) on Maternal Stress and Satisfaction with Newborn Baby Admission to the Neonatal Intensive Care Unit	Shaker Heights High School
Science	Barnett	Joslyn	Modest Long Term Toxicity in Patients with Human Papillomavirus Associated Oropharynx Cancer Treated with Definitive Chemoradiation	Solon High School
Medical Laboratory	Lee	Hyunwook	Evaluation of Legionella Urinary Antigen Kits for STAT Testing	Solon High School
Respiratory Therapy	Randhawa	Amol Parkash	The Effects of Obesity on the Misdiagnosis of Asthma	Solon High School
Radiology	Saltzer	Sara	IV Extravasations in Contrast Studies in CAT Scan	Solon High School
Science	Fijalkovich	Collin	The Effects of Varied Types of Anesthesia on Outcomes of Patients Receiving Total Joint Replacements	St. Edward School
Science	Palko	Ryan	Association and Frequency of Antithyroid Antibodies in a Fibromyalgia Cohort at the Cleveland Clinic	St. Edward School
Radiology	Anderson	Jacob	Impact of Grey Zone Analysis in Patients with Significant Cardiomyopathy	St. Ignatius High School
Radiology	Robert	Andres	Evaluation of Chest Tube Clogging with Computed Tomography (C.T.): A Prospective Analysis	St. Ignatius High School
Science	Armstrong	Emily	Role of Exparel in Postoperative Pain Management of Total Joint Replacements	St. Joseph Academy
Science	Haller	Kelly	Breast Reconstruction Surgical Site Infection Rate and Risk Factors	St. Joseph Academy
Medical Laboratory	Hurley	Sara	Sarcoidosis: Correlating Clinical Disease with Morphologic Features	St. Joseph Academy
Science	Rogozinski	Alison	Cranial Remolding Orthoses Efficacy in Children with Plagiocephaly	St. Joseph Academy
Public Health	Kim	Joo (Julie)	Open Repair: Significance of Mesh Type on Inguinal Herniorrhaphy	Stow-Munroe Falls High School
Science	Arif	Salman	Improving Imaging Test Order Accuracy in the Digestive Disease Institute	Strongsville High School
Science	Choe	Caitlyn	The Relationship Between Completing Food Journals/Exercise Logs and BMI Z Score Loss	Strongsville High School
Creative Learning	Kumar	Anubhuti	mRi	Strongsville High School
Science	McNeeley	Elizabeth	Diagnosis and Management of Pediatric Overweight and Obesity: A Quality Improvement Project Utilizing a PDSA Ramp	Strongsville High School
Science for Nursing	Deighton	Megan	Preschool Vision Screening Study	Trinity High School
Science	Doerle	Samuel	Clinical Correlation Between Two Immunosorbent Assays	Trinity High School

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Science for Nursing	Merico	Erin	Patients' Usage and Knowledge of Non-Pharmacological Pain Management Alternatives	Trinity High School
Public Health	Krishnan	Nirmal	Prostate Cancer Aggressiveness when Diagnosed Based on Prior High Risk Pathology (ASAP and/or HGPIN)	Twinsburg High School
Respiratory Therapy	Peketi	Pavan	A Respiratory Therapist as a Care Advocate Has a Positive Impact on Pneumonia Readmission Rates	Twinsburg High School
Science	Rady	Emily	Use of OrthoPAT Blood Salvage System in Total Knee Arthroplasty (TKA) and Total Hip Arthroplasty (THA) Surgeries in Post-Operative Recovery Period	University of Toledo
Science	Chieffe	Walker	A Model for Neurosurgical Exposure to Minimize Wound Healing and Infections	University School
Science	Quereshy	Humzah A.	Measuring Outcomes in Vascularized Composite Allotransplantation of the Face: Toward a Unified International Approach	University School
Science	Jackson	Brielle	Metabolic Syndrome in the Mildly Obese	Valley Forge High School
Medical Laboratory	Coley	Emma	Studies of Targeted Therapy Resistance in Genotype-Specific Non-Small Cell Lung Cancer	Walsh Jesuit High School
Science	Adams	Linda	Is there a Correlation between an Institution's NIH Funding and its Financial Ties with Industry?	Western Reserve Academy
Science	Zhu	Harold	Eliminating Specimen Integrity Errors Within the Intensive Care Unit	Western Reserve Academy
Radiology	Desai	Rahil	Overview of Non-Oncological Hepatobiliary Interventions in Interventional Radiology	Westlake High School
Science	Kumar	Deepak	The Effect of Age and Gender on Quantified Blood Pressure and Heart Rate Responses to Tilt Test	Westlake High School
Creative Learning	McDiarmid	Laura	mRI	Westlake High School
Science	Betonio	Patricia	Genetic Analysis of Association between SNP rs6903956 on Chromosome 6p24 and Myocardial Infarction in an Italian Population	Willoughby South High School
Science	Nagy	Emma	Outcomes Following Palliative Radiation Therapy by Site of Primary Disease	Willoughby South High School
Science	Nagy	Jenna	What is artificial blood, and how do various perfusates affect ex vivo normothermic liver machine perfusion?	Willoughby South High School
Science	Richmond	Miranda	Retrospective Review of Breast Cancer Detection in Females Ages 25-39	Willoughby South High School
Science	Shrefler	Christina	Bedside Reporting: Promoting Best Practice and Family-Centered Care in the Family Maternity Center	Willoughby South High School
Science	Ryu	Seokhyeon	A Retrospective Study of Anesthetic Techniques in Open Inguinal Herniorrhaphy	Wooster High School