

*University of Pittsburgh*  
*School of Medicine*



**SCHOLARS DAY**  
**CLASS OF 2023**

**WEDNESDAY, APRIL 19, 2023**  
**VIA ZOOM**  
**10:00AM – 12:00PM**

**SHOWCASING MEDICAL STUDENT RESEARCH PROJECTS**  
**MENTOR AND STUDENT AWARDS**  
**STUDENT PUBLICATIONS**  
**STUDENT NATIONAL, STATE, AND LOCAL AWARDS**

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## Class of 2023 Longitudinal Research Projects

<b>Student</b>	<b>Project title</b>	<b>Mentor</b>	<b>Department</b>
Abdallah, Hussein	Long Term Outcomes of the Endoscopic Endonasal Approach for Pituitary Adenomas	George Zenonos, MD	Neurosurgery
Agyekum-Yamoah, Archibald	Heat Shock Proteins and Osteosaromas	Robert Binder, PhD	Immunology
Armann, Kody	Evolving Rate of Narcotic-Free Ureteroscopy: Private vs Academic Practice	Bruce Jacobs, MD, MPH	Urology
Anderson, Nathan	Evaluation of Age-Based Percentile Scoring of the Vanderbilt ADHD Diagnostic Parent Rating Scale (VADPRS) for ADHD Screening	Oliver Lindheim, PhD	Pediatrics
Anthony, Austin	Mortality in Total Knee Arthroplasty Patients with Periprosthetic Joint Infection	Ken Urish, MD, PhD	Orthopaedic Surgery
Apfelbaum, Hannah	Prevalence and Natural History of Isolated Esophageal Eosinophilia at Index Endoscopy	Jon Davison, MD	Pathology
Aranda-Michel, Edgar (MSTP)	Towards Patient-Specific Direct Cardiac Compression	Dennis Trumble, PhD	Biomedical Engineering- CMU
Atta, Sarah	Culture-Negative Microbial Keratitis: A Retrospective Study	Vishal Jhanji, MD	Ophthalmology
Avula, Raghunandan	Using Gene Expression Patterns to Predict Cancer Metastasis	Edward Prochownik, MD, PhD	Pediatrics
Beiriger, Justin (CSTP)	CranioRate: An Image-Based, Deep-Phenotyping Analysis Toolset and Online Clinician Interface for Metopic Craniosynostosis.	Jesse Goldstein, MD	Plastic Surgery
Ayinon, Caroline	Adiposity and Menstrual Dysfunction and the Role of Laboratory Testing in the Diagnosis	Pouneh Fazeli, MD, MPH	Medicine
Bertolini, Dominique	High Mortality After Total Knee Arthroplasty Periprosthetic Joint Infection is Related to Preoperative Morbidity and the Disease Process but Not Treatment	Ken Urish, MD, PhD	Orthopaedic Surgery
Bidani, Shruti	P Wave Paradox: Can the P Wave Duration on 12 Lead ECG Inform Atrial Fibrillation Recurrence After Catheter Ablation	Krishna Kancharla, MD	Medicine

## Class of 2023 Longitudinal Research Projects

<b>Student</b>	<b>Project title</b>	<b>Mentor</b>	<b>Department</b>
Binko, Mary	Natural History Study of Portal Vein Aneurysm	Eric Hager, MD	Surgery
Casillo, Stephanie (PSTP)	Targeting Metabolic Dependencies in Pediatric Diffuse Midline Glioma	Sameet Agnihotri, PhD	Neurosurgery
Castro, Alexander	Racial Disparities in the Management of Sepsis	Florian Mayr, MD, MPH	Critical Care Medicine
Chandra, Ashay	Advanced Practice Provider and Physician Trends Amongst Medicare Beneficiaries from 2010-2019 in Renal Biopsies	Rajoo Dhangana, MD	Radiology
Charles, Shaquille (CSTP)	Anatomic Restoration of Lateral Humeral Offset and Humeral Retroversion Optimizes Functional Outcomes Following Reverse Total Shoulder Arthroplasty	William Anderst, PhD & Albert Lin, MD	Orthopaedic Surgery
Chen, Joseph	Optimization of NCS Components for Diagnosis of Carpal Tunnel Syndrome	John Fowler, MD	Orthopaedic Surgery
Cheung, Christina	Coma in a Pediatric Severe Sepsis and Organ Failure Cohort	Ericka Fink, MD	Critical Care Medicine
Cifuentes, Elizabeth	Nonoperative Management of Traumatic Hemopericardium in Penetrating Precordial Trauma	Juan Puyana, MD & Alberto Garcia, MD	Surgery
Clarke, Alison	Exploring the Sexual and Reproductive Health Experiences of Men with Cystic Fibrosis (CF)	Traci Kazmerski, MD, MS	Pediatrics
Connolly, Brendan	Secondary and Persistent Infections Related to Underlying Immune Suppression in Pediatric Sepsis	Joseph Carcillo, MD	Pediatrics Critical Care
Cuevas Villagomez, Alan	The Effect of an Interactive Goal Setting and Daily Living Mobile Healthy System on an Established Community Integration Program: A Pilot Trial	Brad Dicianno, MD	Physical Medicine & Rehabilitation
Dai, Yancheng	Clinical Outcomes of Abdominal Aortic Aneurysm Patients: Natural History of Abdominal Aneurysm Sac Regression After Elective EVAR	Edith Tzeng, MD	Surgery

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<b>Student</b>	<b>Project title</b>	<b>Mentor</b>	<b>Department</b>
D'Alesio, Mark	A Retrospective Comparison of Two Neoadjuvant Therapies for Pancreatic Cancer	Alessandro Paniccia, MD	Surgery
Deirmenjian, Christina	Stress Responses in Offspring Bereaved by Sudden Parental Death	Nadine Melhem, PhD	Psychiatry
DeStefino, Vincent	Investigating the Use of Optical Coherence Tomography (OCT) as a Biomarker for Disability Progression In Multiple Sclerosis (MS) and other Neuroinflammatory Disorders	Zongqi Xia, MD, PhD	Neurology
Dewalt, Joshua	Intraoperative Management of Multimodal Perineural Anesthesia/Analgesia Administration	James Ibinson, MD, PhD	Anesthesiology
Dilip, Mridula	A Descriptive Study of Disease Features Associated with Anti-U2RNP Autoantibodies	Robyn Domsic, MD, MPH	Medicine
Dosunmu-Ogunbi, Atinuke (MSTP)	The Role of Superoxide Dismutase 2 in Sickle Cell Disease	Adam Straub, PhD	Pharmacology & Chemical Biology
Duehr, James	Risk factors for Hemorrhage in Malignant Glioma Resection	Pascal Zinn, MD, PhD	Neurosurgery
Dwyer, Gaelen (MSTP)	Mechanisms Underlying IL-33-driven T Cell Responses in Alloimmunity and Mucosal Injury	Heth Tunquist, PhD	Surgery
Eibel, Adam	Comparing the Frequency and Timely Implantation of Pulmonary Artery Catheters at Community Hospitals vs. Quaternary Care Centers	Gavin Hickey, MD	Medicine
Eleazu, Rachel	The Impact of Trauma and PTSD Related Mental hHealth Outcomes on Birth Outcomes	Alison Hipwell, PhD, PsyD	Psychiatry
Erpenbeck, Sarah	Post-Procedural Pain for Transperineal vs. Transrectal Prostate Biopsy	Bruce Jacobs, MD, PhD	Urology
Espinal, Alexis	Intestinal Radiation Protection and Mitigation by Second-Generation Probiotic Lactobacillus-reuteri Engineered to Deliver Interleukin-22	Joel Greenberger, MD	Radiation Oncology

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Evankovich, Maria	The Association Between Acne, Self-Esteem, Social Evaluative Concern, and Depression in Adolescent Girls	Jennifer Silk, PhD	Psychology
Fenner, Maxine	Exploring Adolescent-Adult Connections, Coping, and Safety Among Minoritized Youths in Neighborhoods Impacted by Community Violence	Alison Culyba, MD, PhD, MPH	Pediatrics
Finger, Logan	Clinical Outcomes of Rotator Cuff Repair as A Function of Time to Surgery: A Retrospective Cohort Study	Albert Lin, MD	Orthopedic Surgery
Flaherty, Emily	Exploring the Experiences of Pre-Existing Diabetes in Pregnancy	Maisa Feghali, MD	OB/GYN & Reproductive Sciences
Fogel, Rachel	Provider Barriers to Prescribing PrEP to Minors	Ken Ho, MD	Medicine
Fogg, David	Validation of Genetic Markers in Predicting Patient Outcomes for Glioblastoma Multiforme	Zachary Gersey, MD	Neurosurgery
Gabriel, Lucine	Socioeconomic Disparities & Preoperative Care in Abdominal Aortic Aneurysm Repair	Edith Tzeng, MD	Surgery
Gandhi, Nimit	Engaging Stakeholders to Adapt and Pilot Test a Scalable Transitional Rehabilitation Intervention for Older, Rural ICU Survivors	Leslie Scheunemann, MD, MPH	Critical Care Medicine
Gao, Timothy	The Application of Auriculotherapy and fMRI Imaging on the Study of Chronic Pain	James Ibinson, MD, PhD	Anesthesiology
Gautier, William (CSTP)	Engaging Groups that have been Marginalized to Improve End-of-Life Decision Making in the Acute Care Setting	Douglas White, MD, MAS	Critical Care Medicine
Georgiadis, Rebecca	COVID-19 Impacts on a Local Medication Assisted Treatment (MAT) Program for Opioid Use Disorder (OUD)	Daniel Rosen, MD	Social Work
Ghanta, Siddharth	Is Cystatin C a Better Estimator of Renal Function than Creatinine in Patients with Higher Motor Levels of Spina Bifida	Paul Rusilko, DO	Urology

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Glanzman, Jason	Progression of Demyelination in Metachromatic Leukodystrophy Quantified by Diffusion Tensor Imaging Tractography	Maria Escolar, MD, MS	Pediatrics
Gramm, Erin	How Long Does It Take to Retrieve an AED From Varying Distances	James Menegazzi, PhD	Emergency Medicine
Gray, Zane	Organ-Specific Treatment Response to Systemic Therapies in Patients with Advanced Cancer	Jason Luke, MD	Medicine
Hafeez, Neha (PSTP)	SNP rs9277336 Controls the ACTN4-HLA-DPA1 Axis and Pulmonary Endothelial Pathophenotypes in Pulmonary Arterial Hypertension	Stephen Chan, MD, PhD	Medicine
Harley, Randall (CSTP)	Health Literacy in Head and Neck Cancer Survivorship	Jonas Johnson, MD	Otolaryngology
Hay, Jordan	Accuracy and Reproducibility of Cardiovascular Biosignals using Camera-based Pulse Oximetry	David Salcido, PhD; Michael Pinsky, MD	Applied Physiology
Heres, Caroline	Opioid Use After Laparoscopic Surgery for Chronic Pelvic Pain: An Investigative Look at Opioid Prescribing Patterns in Minimally Invasive Gynecology Surgery for Chronic Pelvic Pain and Endometriosis Patients	Nicole Donnellan, MD	OB/GYN & Reproductive Sciences
Hildreth, Brianna	Utilization of ECMO in the Obstetric Population	Katherine Lim, MD	Anesthesiology
Hossainian, Darius	Drug Discovery for Progressive Supranuclear Palsy Using Zebrafish Models	Edward Burton, MD, Dphil, FRCP	Neurology
Hyzny, Eric	Hepatic Dysfunction Following Thoracic Transplant	Pablo Sanchez, MD, PhD	Thoracic Surgery
Ifidon, Ayomipo	Age and Race Treatment Gaps in the Care of Hospitalized Adults with Infectious Complications from Injection Opioids	Deanna Wilson, MD, MPH	Medicine
Jain, Naveen	Heart Rate and Heart Rate Variability Following Sleep Deprivation in Retired Night Shift Workers and Retired Day Workers	Martica Hall, PhD; H. Matthew Lehrer, PhD	Psychiatry

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Johnson, Solomon	International Assessment of Red Blood Cell Exchange Transfer Therapy Screening & Procedure Protocols for High-Risk Adult Sickle Cell Disease Patients	Mark Gladwin, MD	Medicine
Kazi, Eman	Reversibility of Metabolic Disturbances Following Topiramate Cessation	Mary Jo Semins, MD	Urology
Knudsen-Robbins, Chloe	Emergency Department Management of Acute Metabolic Decompensation in Patients with Previously Diagnosed Inborn Errors of Metabolism	Gerard Vockley, MD	Genetic and Genomic Medicine
Kolich, Brian	Utilization of Modified Bed Pad to Measure Urine Output in Incontinent Patients	Rajeev Chaudhry, MD	Urology
Laffey, Makenna	Multiomics Evaluation of Rare Diseases in Children Requiring Liver Transplantation	Rakesh Sindhi, MD	Surgery
Lai, Julia	The Psychosocial Health of Young Pregnant Sexual and Gender Minorities	Natacha DeGenna, MD	Psychiatry
Lamb, Jordan (CSTP)	Achieving Visual Learning Equity: A Course Auditing System of Skin Color in Preclinical Medical Education	Alaina James, MD, PhD	Dermatology
Lebowitz, Steven	Review of Contemporary Invasive Treatment Approaches and Critical Appraisal of Guidelines on Hypertrophic Obstructive Cardiomyopathy	Giuseppe Raffa, MD	Surgery- ISMETT
Lee, Phoebe	Understanding Adipose Stem Cell Mechanisms on Preventing Endothelial Cell Dysfunction	Lauren Kokai, PhD	Plastic Surgery
Legan, Olivia	Identifying Infant ACEs in Well-Child Visit Notes and Associations with Pediatric Health Outcomes	Anne-Marie Rick, MD, MPH, PhD	Pediatrics
Longo, Sadie	Sex Bias in the Approach to Diagnosing Infections in Trauma Patients	Matthew Rosengart, MD, MPH	Surgery



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Martinez-Meehan, Deirdre	Race Differences in Initial Presentation and Early Treatment of Infant Delirium: Findings from the Neurodevelopmental Care Program at CHP CICU	Heather Joseph, DO	Psychiatry
Mathier, Abigail	Breastfeeding Rates Among Mothers with Disability in a Large Retrospective Cohort in Southwestern PA	Anne-Marie Rick, MD, MPH, PhD	Pediatrics
McDermott, Anne	Neighborhood Disadvantage and Oral Anticoagulant Use in Patients with Atrial Fibrillation	Utibe Essien, MD	Medicine
McDonald, Mackenzie	A Geospatial Investigation of the Burden of Inpatient Pediatric Lyme Disease	Andrew Nowalk, MD, PhD	Pediatrics
Milne, Emma	Prevalence of Inquiry into Neurological Manifestations of Anorexia Nervosa: A Retrospective Study	Alexis Franks, MD	Pediatrics
Mitchell, Chandler	Distant Metastatic Recurrence in Patients Following Resectable Stage I NSCLC: A Retrospective Propensity Matched Analysis	Matthew Schuchert, MD	Surgery
Mohammad Nader, Metrah	Urine Biomarkers of Pancreatitis Pain	Jami Saloman, PhD	Medicine
Molina, Laura (MSTP)	YAP1 Signaling in Hepatobiliary Development and Oncogenesis	Satdarshan Monga, MD	Pathology
Muenzer, Maya	Physical Activity Participation of Children with Body Function Impairments	Amy Houtrow, MD, PhD, MPH	Physical Medicine & Rehabilitation
Muluk, Sruthi	Geographic Access to Oncology and Impact on Bladder Cancer-Related Health Outcomes	Drake Coleman, PhD & Lindsay Sabik, PhD	Public Health
Murali, Anjana (PSTP)	Hepatocyte-Derived GDF15 Suppresses Feeding and Improves Insulin Sensitivity in Obese Mice	Michale Jurczak, PhD	Medicine
Muthiah, Nallammai (CSTP)	Development of a clinical model to predict vagus nerve stimulation response in pediatric patients with drug-resistant epilepsy	Taylor Abel, MD	Neurosurgery

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Nguyen, Breanna (PSTP)	TGF activating Integrins av6 and av8 are dysregulated in inflammatory skin disease and cutaneous melanoma	David Kaplan, MD, PhD	Dermatology
Omar, Mahmoud	Post-operative Course of Steroids for Reducing Pediatric Tonsillectomy Burden	David Chi, MD	Otolaryngology
Opitz, Samantha	Testing the Impact of Intra-Shift Naps During Night Shifts on Blood Pressure Dipping and Heart Rate Variability Among EMS Clinicians	Daniel Patterson, PhD	Emergency Medicine
Osigwe, Chinweoke	Disparities in Distribution of PulsePoint Responders and Potential Impacts on Pandemic Response in Underserved Communities of Allegheny County	Leonard Weiss, MD	Emergency Medicine
Owiredu, Shawn	Differences in Platelet Bioenergetics Between Scleroderma Disease Subtypes	Sruti Shiva, PhD	Pharmacology & Chemical Biology
Palmieri, Daniel	Evaluation of Antibiotic Prophylaxis in Reducing Postoperative Infections During Endoscopic Endonasal Skull Base Surgery	Carl Snyderman, MD	Otolaryngology
Patel, Vaidehi (PSTP)	Identification of Mutational Profiles and Clinically Actionable Genes in Breast Cancer Bone Metastases	Rebecca Watters, PhD, MBA	Orthopaedic Surgery
Patnaik, Sneha	Barriers to Substance Use Disclosure Amongst Pregnant Patients	Judy Chang, MD, MS	OB/GYN & Reproductive Sciences
Peretti, Marc	Is Ultrasound Elastography Predictive of Surgical Intervention in Severe Postnatal Hydronephrosis	Rajeev Chaudhry, MD	Urology
Picciarelli, Zachary	Understanding Reproductive Goals and Contraceptive Needs and Preferences of Young Transgender Men	Traci Kazmerski, MD, MS	Pediatrics
Pollard, Aja	Racial Disparities in the Quality of Care and Outcome for Patients Diagnosed with Pneumonia in Pittsburgh	J. Alexander Viehman, MD	Infectious Disease

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<b>Student</b>	<b>Project title</b>	<b>Mentor</b>	<b>Department</b>
Powell, Koehler	Use of a Multiplayer Role-Playing Game as a Novel Mental Health and Social Isolation Intervention in Adolescents with Chronic Disease	Dmitriy Babichenko, MS	Informatics and Networked Systems
Pressimone, Catherine (PSTP)	Carcinoma Associated Mesenchymal Stem Cells Promote Ovarian Cancer Heterogeneity and Metastasis Through Mitochondrial Transfer	Lan Coffman, MD, PhD	Medicine/Obstetrics & Gynecology
Puyana, Jacob	Readmission After Heart Failure Hospitalization: The Role of Follow-Up Timing	Zachary Rhinehart, MD	Medicine
Rajakumar, Vinod	Comparing the Accuracy of Alternative Biomarkers for Urinary Tract Infections	Nader Shaikh, MD, MPH	Pediatrics
Ratnayake, Charith	Comparing Outcomes Among Patients with Adult Congenital Heart Disease Listed for Transplant	Anita Saraf, MD, PhD	Pediatrics
Ripple, Katelyn	Incidence of Pelvic Floor Implant Excisions in Patients During the COVID-19 Pandemic Compared to Pre-Pandemic Rates	Amanda Artsen, MD	OB/GYN & Reproductive Sciences
Rivera, Kevin	Validation of PROMIS in MG Population	Janel Hanmer, MD, PhD	Medicine
Rivetti, David	Analysis of Plant-Based Nutritional Intervention Compared with Conventional Nutrition for Skeletal Muscle Morphology and Function in Models of Sepsis	Michael Morowitz, MD	Surgery
Robinson, Mayumi	Building Evidence for a Concurrent Hospice and Dialysis Program for Terminal Patients with End-Stage Renal Disease (ESRD)	Jane Schell, MD	Medicine
Rodriguez-Torres, Sebastian	Improvement in Respiratory and Swallowing Symptoms After Surgery in Chiari 1 and 1.5	Stephanie Greene, MD	Neurosurgery
Rokaw, Sarah	Regulatory T cell Triglyceride Endocytosis is a Key Regulator of Function	Alison Kohan, PhD	Medicine

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Rooney, James	Total Shoulder Arthroplasty vs Resurfacing Hemiarthroplasty: A Comparison of Clinical Outcomes at Mid-Term Follow Up	Albert Lin, MD	Orthopaedic Surgery
Roy, Souvik	Perioperative Ketamine in Opioid-Tolerant Patients Undergoing Lumbar Spine Surgery	Jacques Chelly, MD, PhD	Anesthesiology
Schad, Michael	Dosimetry and Toxicity Outcomes in Patients Treated with Hypofractionated Regional Nodal Irradiation for Breast Cancer: What is the Best Dose-Volume Limit to Minimize Risks of Radiation Pneumonitis	John Vargo IV, MD	Radiation Oncology
Schwalbe, Marie	Effects of Aging and Depressive Disorders on the Ability to Cope with Cognitive and Perceptual Interference in the Simon Task	Anna Manelis, PhD	Psychiatry
Seraly, Paul	Assessing the Incidence, Management, and Outcomes of Traumatic Brain Injury in a Resource-Limited Setting	Krisina Rudd, MD, MPH	Critical Care Medicine
Shaikh, Sahar	Association Between Patient Language and Quality of Care and Outcomes for Major Acute Medical Conditions	Krisina Rudd, MD, MPH	Critical Care Medicine
Sharma, Rishaan	Exploring Use of Adjuvant IBS Therapy in Patients with IBD	David Binion, MD	Medicine
Sigler, Timothy	Reduction in Preventable Emergency Room Usage	Frances Guyette, MD, MS	Emergency Medicine
Skiba, Justin	Outcomes and Toxicity of Spine Radiosurgery for Three or More Contiguous Vertebral Levels	Adam Olson, MD	Radiation Oncology
Skinner, Camille	Best Practices for Filing a Child Abuse Report in the Context of Intimate Partner Violence: A Delphi Study	Maya Ragavan, MD, MPH, MS	Pediatric
Smith, Austin	Predicting Post-Operative Pain Using Perioperative Characteristics	Kathirvel Subramaniam, MD, MPH	Anesthesiology

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<b>Student</b>	<b>Project title</b>	<b>Mentor</b>	<b>Department</b>
Spigner, Sabina	Characterizing Transgender Concierge Utilization within a Large Healthcare System	Kristen Eckstrand, MD, PhD	LGBTQIA+Health Quality
Stern, Natalie	Perspectives from Pregnant Women Who Use Substances: Facilitators of Substance Use Disclosure During the First Obstetric Visit	Judy Chang, MD, MS	OB/GYN & Reproductive Sciences
Vessel, Kathryn	Risk Factors for the Development of Psychological Distress in Surrogate Decision-Makers of Critically Ill Patients	Douglas White, MD, MAS	Critical Care Medicine
Weigel, Tyler	Is Prehospital Lactate Predictive of the Need for Prehospital Blood Transfusion in Trauma Patients	Francis Guyette, MD, MPH	Emergency Medicine
Wilson, David	Analysis of Initiating Anticoagulant Therapy for Atrial Fibrillation Among Persons Experiencing Homelessness in the Veterans Affairs Health System	Utibe Essien, MD	Medicine
Wollstein, Yael	Designing Surgical Guides for BAHA Implantation Quality Improvement	Noel Jabbour, MD, MS	Otolaryngology
Xiao, Amy	Anticysticidal Assays for Entamoeba Using Deep See Marine Bacteria	William Fenical, PhD, MS	Marine Chemistry and Geochemistry
Yoon, Hyunho	A 3-Dimensional Analysis of the Effects of Traumatic Brain Injury on Hippocampal CA1 Dendritic Arborization	C. Edward Dixon, MD	Neurosurgery
Zaheer, Haniah	Prescribing Practices and Effectiveness of Oseltamivir Administration in Influenza Positive Infants	Anne-Marie Rick, MD, MPH, PhD	Pediatrics
Zelenkov, Nenad	Alterations in Platelet Bioenergetics in Parkinsons Patients	Sruti Shiva, PhD	Pharmacology & Chemical Biology
Zhou, Amanda	Progression of Retinitis Pigmentosa Associated with Ciliary and Non-Ciliary Genetic Etiologies	Stephen Tsang, MD, PhD	Ophthalmology

# LONGITUDINAL RESEARCH PROJECT O'MALLEY AWARDEES

## *The Bert and Sally O'Malley Awards for Outstanding Medical Student Research*

Bert and Sally O'Malley awards are given to medical students who completed outstanding research projects. Each year, two awards are given to students who completed their Basic Science research projects during the traditional 4 years of medical school, and two awards are given to students who completed their Clinical Science research projects during the traditional 4 years of medical school.

### **BASIC SCIENCE RESEARCH WINNERS:**

#### **Shawn Owiredu**

**Mentor:** Sruti Shiva, PhD

**Department:** Pharmacology & Chemical Biology

**Project:** Differences in Platelet Bioenergetics Between Scleroderma Disease Subtypes

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#### **Hyunho Yoon**

**Mentor:** C. Edward Dixon, MD

**Department:** Neurosurgery

**Project:** A 3-Dimensional Analysis of the Effects of Traumatic Brain Injury on Hippocampal CA1 Dendritic Arborization

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### **CLINICAL SCIENCE RESEARCH WINNERS:**

#### **Sarah Atta**

**Mentor:** Vishal Jhanji, MD

**Department:** Ophthalmology

**Project:** Culture-Negative Microbial Keratitis: A Retrospective Study

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#### **Sabina Spigner**

**Mentor:** Kristen Eckstrand, MD, PhD

**Department:** LGBTQIA & Health Quality

**Project:** Characterizing Transgender Concierge Utilization within a Large Healthcare System

**Sally O'Malley, B.Ed.** attended the University of Pittsburgh and obtained a Bachelor's degree in Education. Her husband **Bert W. O'Malley, M.D.** received his undergraduate and medical degrees from the University of Pittsburgh. He gained international recognition for his pivotal work on the molecular function of steroid hormone receptors and has made countless seminal discoveries in the field of endocrinology over his long career. He currently holds the Thomas C. Thompson Chair in Cell Biology at the Baylor College of Medicine. He has received countless awards for his many scientific accomplishments, most notably, the National Medal of Science and the University of Pittsburgh School of Medicine Hench Award. Dr. O'Malley is a member of the National Academy of Science and the Royal Academy of Medicine.

# LONGITUDINAL RESEARCH PROJECT CERTIFICATE OF MERIT AWARDEES

These awards are given to students who completed an exemplary Longitudinal Research Project in either basic or clinical science fields.

The Certificates will be given to students who completed medical school during the traditional 4 years of their medical school education.

## **Lucine Gabriel**

**Mentor:** Edith Tzeng, MD; Department of Surgery

**Project:** Socioeconomic Disparities & Preoperative Care in Abdominal Aortic Aneurysm Repair.

## **Eric Hyzny**

**Mentor:** Pablo Sanchez, MD, PhD; Department of Thoracic Surgery

**Project:** Hepatic Dysfunction Following Thoracic Transplant.

## **Sruthi Muluk**

**Mentor(s):** Drake Coleman, PhD & Lindsay Sabik, PhD; Department of Public Health

**Project:** Geographic Access to Oncology and Impact on Bladder Cancer-Related Health Outcomes.

## **Sneha Patnaik**

**Mentor:** Judy Chang, MD, MS; Department of Obstetrics/Gynecology & Reproductive Sciences

**Project:** Barriers to Substance Use Disclosure Amongst Pregnant Patients.

## **Zach Picciarelli**

**Mentor:** Traci Kazmerski, MD, MS; Department of Pediatrics

**Project:** Understanding Reproductive Goals and Contraceptive Needs and Preferences of Young Transgender Men.

## **Haniah Zaheer**

**Mentor:** Anna-Marie Rick, MD, MPH, PhD; Department of Pediatrics

**Project:** Prescribing Practices and Effectiveness of Oseltamivir Administration in Influenza Positive Infants.

## **Nenad Zelenkov**

**Mentor:** Sruti Shiva, PhD; Department of Pharmacology & Chemical Biology

**Project:** Alterations in Platelet Bioenergetics in Parkinsons Patients.

## FACULTY MENTOR AWARDS

Candidates for faculty mentor awards are nominated by graduating students

Dr. Philip Troen was a distinguished physician and highly regarded Research Dean who retired from the University of Pittsburgh in 2014. As a former Professor and Chief of Medicine, Dr. Troen was a co-founding director and first appointed Assistant Dean for the Longitudinal Research Project from its inception in 2004.

As a tribute to his years of outstanding mentoring service to the medical school community, we created the *Philip Troen, MD Excellence in Medical Student Research Mentoring* award.

*Philip Troen, MD, Excellence in  
Medical Student Research Mentoring Award*

**John Austin Vargo, IV, MD**  
Assistant Professor  
Department of Radiation Oncology

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*Medical Student Research Mentoring Merit Award*  
This award recognizes other mentors who received accolades from their mentees

**Brad Dicianno, MD**  
Professor  
Department of Physical Medicine and Rehabilitation

**Utibe Essien, MD, MPH**  
Adjunct Assistant Professor  
Department of Medicine

**Albert Lin, MD**  
Associate Professor  
Department of Orthopaedic Surgery



# STUDENT ACCOMPLISHMENTS

The following is a list of manuscripts, publications, presentations and awards from the Class of 2023.

**Number of Manuscripts published = 311**

**Number of Manuscripts submitted = 89**

**Number of Manuscripts in preparation = 101**

**Number of National/international presentations/posters = 389**

**Number of Local presentations/posters = 113**

**Number of National and state awards = 59**

**Number of Local awards = 135**

In addition:

- 114 students participated in the required Longitudinal Research Program.
- 119 students participated in research during the summer between their 1<sup>st</sup> and 2<sup>nd</sup> years of medical school (2020).
- Competitive Fellowship support was received by the following:
  - Dean of the School of Medicine
  - Amy Roberts Health Promotion Research
  - Gleitzman Fellowship in Palliative Care
  - Goitz Hand Surgery Fellowship
  - IMPACT Fellowship in Child and Adolescent Psychiatry
  - Klionsky Fellowship in Pathology
  - Nationality Room Summer Study Fellowship
  - Pediatric Oncology Education (POE) Program (St. Jude's Research Hospital)
  - Pharmacology & Chemical Biology Fellowship
  - NIH U54 – Benign Urology Research
  - NIH T32 – Sleep Medicine
  - NIH T35 – Hematology
  - NIH T35 - Renal, GI, Endocrine, and Epithelial Biology
  - UPSOM Alumni Class of 1972
  - Vascular Medicine Institute

## MANUSCRIPTS PUBLISHED

### **Abdallah, Hussein**

**Abdallah, H.M.** & Martinez-Meehan, D & Lutfi, W. & Dhupar, R. & Grenda, T. & Schuchert, M.J. & Christie, N.A. & Luketich, J.D. & Okusanya, O.T. (2022, May). Adjuvant Chemotherapy for Pulmonary Sarcomatoid Carcinoma: A Retrospective Analysis of the National Cancer Database. *J Thorac Cardiovasc Surg*, 163(5), 1669-1681. Cited in PubMed; PMID: 33678508

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### **Abdallah, Hussein**

**Abdallah HM**, Gersey ZC, Abou-Al-Shaar HA, Jackson C, Gray Z, Remick M, Khiyami A, Fazeli P, Mahmud H., Snyderman C, Wang E, Zenonos GA, Fernandez-Miranda JC, Gardner PA. Biochemical Remission in Acromegaly Following Endoscopic Endonasal Resection: Safety and Outcomes of the 15-Year, 103-Patient Experience with Medial Wall Resection

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Algattas H, Gersey ZC, **Abdallah HM**, Alattar A, Setty P, Nakassa A, Fernandez-Miranda J, Wang E, Snyderman C, Gardner PA. Endoscopic Endonasal Resection of Rathke's Cleft Cysts: A Single Institution Analysis of 113 Consecutive Patients

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### **Atta, Sarah**

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### **Ayion, Caroline**

Stockman SL, **Ayion CM**, Siegel LB, Eljamri S, Desai N, Nawash B, Fazeli PK. Adiposity in Menstrual Dysfunction and the Role of Laboratory Testing in Diagnosis

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### **Castro, Alexander**

**Castro AD**, Ou, Y, Yende, S, Mayr FB. Racial Disparities in Sepsis Management

### **Chandra, Ashay**

**Chandra A**, Lindquister W.S., Tublin M.E., Dhangana R. Growth in Percutaneous Renal Biopsy Performed by Radiology: Trends in Medicare Beneficiaries by Physician Specialty from 2010 to 2018

Chandra A, Rapsinki G, Nowalk A. Rapidly Growing Mycobacteria: Punch Biopsy vs Excisional Biopsy (Case Report)

### **Charles, Shaquille**

**Charles S**, LeVasseur C, Rai A, Kane G, Munsch M, Hughes J, Anderst W, Lin A. Post-operative Lateral Humeral Offset and Retroversion may Have a Complimentary Association with Better Strength and Range of Motion Following Reverse Total Shoulder Arthroplasty

**Charles S**, LeVasseur C, Ruh E, Johnson C, Anderst W, McClincy M. Statistical Shape Modeling of Femoroacetabular Variability in Patients with CAM-type Femoroacetabular Impingement

**Charles S**, Boden S, Como M, Romano S, Hughes J, Rodosky M, Popchak A, Musahl V, Lesniak B, Vyas D, Lin A. Arthroscopic Bankart Repair with Remplissage is Associated with Reduced Rates of Recurrent Instability in High-Risk Patients with On-Track Hill-Sachs Lesions

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### **Cifuentes, Elizabeth**

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### **Connolly, Brendan**

Aldewereld Z, **Connolly BJ**, Banks R, Reeder R, Holubkov R, Telford R, Storch G, Carcillo JA. Risk Factors for Prolonged Infection and Secondary Infection in Pediatric Severe Sepsis

### **Cuevas Villagomez, Alan**

**Cuevas Villagomez, A**; McKernan, G; Oluwasanmi, AO; Fair, M; Liang, Q; Quinby, E; Ambadar, Z; Parmanto B and Dicianno, BE. The Effect of a Community-Based Integration Program on the Triple Aim

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### **Deirmenjian, Christina**

**Deirmenjian, C.**, Melhem, N., Porta, G., Brent, D. Stress Responses in Offspring Bereaved by Sudden Parental Death

### **Donohue, Joseph**

**Donohue JP**, Hassan, Link MS. Sudden Cardiac Arrest: Review of Underlying Risks and Associated Conditions

**Donohue J**, Dutta P. Novel Immunomodulating Mechanisms of SGLT2-inhibitors in with Recent Myocardial Infarction

### **Duehr, James**

Abdallah HM, **Duehr J**, Gersey ZC, Gray Z, Fogg D, Abou-al-Shaar H, Le L, Arani K, Stefko T, Bonhomme G, Fazeli P, Mahmud H, Wang EW, Snyderman C, Gardner PA, Zenonos GA. (2022, Nov). Outcomes of Redo Endoscopic Endonasal Skull Base Surgery for

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Abdallah HM, **Duehr J**, Gersey ZC, Remick M, Gray Z, Abou-al-Shaar H, Fazeli P, Mahmud H, Snyderman C, Wang EW, Zenonos GA, Gardner PA. (2022, Dec). Outcomes of Operatively Managed Pituitary Apoplexy Using the Endoscopic Endonasal Approach. *Neurosurgery*

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### **Eibel, Adam**

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### **Erpenbeck, Sarah**

Myrqa JM, **Erpenbeck SP**, Stencil MG, Watts A, Staniorski CJ, Patnaik S, Yu M, Jacobs BL, Davies BJ. Patient Reported Outcomes After Transperineal Vs. Transrectal Biopsy with Local Anesthesia: Advances in Pain Control and Areas for Improvement

### **Fenner, Maxine**

**Fenner, M.** Wilson, T. Riley, A. Culyba, A.J. Exploring Adolescent-adult Connections, Coping, and Safety Among Minoritized Youth in Neighborhoods Impacted by Community Violence

### **Flaherty, Emily**

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### **Fogel, Rachel**

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### **Georgiadis, Rebecca**

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### **Ghanta, Siddharth**

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### **Gray, Zane**

Radiomic and Clinical Prediction of Overall and Organ-specific Response to Immune Checkpoint Blockade and Targeted Therapy in Advanced Melanoma



## MANUSCRIPTS IN PREPARATION

### **Hafeez, Neha**

**Hafeez N**, Reggiardo R, Kim D, et al. Plasma Microvesicle Signatures in Pulmonary Arterial Hypertension

### **Harley, Randell**

Cheng TZ, **Harley RJ**, Nawash BS, Wang L, Issa M, Kim S. Impact of Preoperative Care on Clinical Outcomes after Total Laryngectomy

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### **Hildreth, Briana**

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### **Hossainian, Darius**

Hossainian, D., Bai, Q., and Burton, E.A. Rescue of A Tauopathy Phenotype in Model Larval Zebrafish Using HDAC Inhibitors

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### **Jain, Naveen**

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Golden C, Moreno T, Heyming T, **Knudsen-Robbins C**, Assaf R, Weiss M, Fortier M, Huszti H, Rao U, Ehwerhemuepha L. Synergistic Effects of Adverse Childhood Experiences and Age on Short-Term Healthcare Utilization

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### **Mathier, Abigail**

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### **Mitchell, Chandler**

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### **Mohammad Nader, Metrah**

**Mohammad N.M**, Akilov O. A Panel of Biomarkers for Mycosis Fungoides

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### **Muenzer, Maya**

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### **Muluk, Sruthi**

**Muluk S**, Sabik L, Sun Z, Jacobs B, Bhattacharya M, Chen Q, Drake C. Association of Drive Time to Medical Oncologists and Urologists with Clinical Outcomes for Muscle Invasive Bladder Cancer Patients Receiving Cystectomy

### **Murali, Anjana**

**Murali A\***, Sojati J\*, Rapsinksi G, William JV. Don't Throw Away Your Shot: Improving Medical School Curricula through Focused Vaccine Education. *American Journal of Preventative Medicine* (2023)

**Murali A**, Kim C, Alsubahi T, Al-Khafaji A. Fever and Transaminitis in Adult-onset HLH. *Case Reports in Critical Care* (2023)

### **Muthiah, Nallammai**

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**Muthiah N**, Reeher H, Pan E, Abel TJ. The Relationship Between Vagus Nerve Stimulation Therapy and Emergency Department Visits Among Pediatric Epilepsy Patients

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Gersey Z, **Muthiah, N**, Hoppe M, Abdallah H, Wang E, Snyderman C, Zenonos G, Gardner P (2023). The Utility of Inflammatory Biomarkers in Predicting Overall Survival and Recurrence among Primary Skull Base Chordoma Patients

Gersey Z, Gohel P, **Muthiah, N**, Abdallah H, Plute T, About-Al-Shaar H, Mallela A, Wang E, Snyderman C, Gardner P, Zenonos G. Predictors of Overall Survival in Skull Base Chordoma

### **Owiredu, Shawn**

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### **Palmieri, Daniel**

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### **Patnaik, Sneha**

**Patnaik S**, Melnyk A, Ackenbom MA, Allergic Contact Dermatitis After Skin Closure with 2-Octylcyanoacrylate

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### **Peretti, Marc**

Colaco M, **Peretti M**, Chaudhry R. Incidence of Voiding Dysfunction Following Ureterocele Repair. Poster Presentation at the 2020 University of Pittsburgh School of Medicine Dean's Summer Research Symposium. *The Canadian Journal of Urology*

### **Picciarelli, Zachary**

**Picciarelli Z**, Kidd KM, Collins A, and Kazmerski TM. Understanding Family-Planning Goals and Preferences of Young Transmasculine and Nonbinary Individuals

### **Pollard, Aja**

Alexandra I. Melnyk, M.D., M.Ed, **Aja Pollard**, M.D., Nathan Matten, B.A., G. Sarah Napoe, M.D.. No Show Rates in a Urogynecology Clinic

### **Powell, Koehler**

**Powell, K.**, Hester, A., Babichenko, D., Radovic, A., Patel, R.M, Eggers, N., Happe, D. Gaming Preferences in Adolescents with Chronic Physical and Mental Conditions

### **Puyana, Jacob**

**Puyana J.S.**, Rhinehart Z.J., Hickey G. Readmission After Heart Failure Hospitalization: The Role of Follow-Up Timing, 2023

### **Rodriguez-Torres, Sebastian**

Purcell-Wiltz A, Guerrero-Preston R, **Rodriguez-Torres S**, Tadeu Zamuner F, Caraballo K, De Jesus L, Miranda Y, Ortiz D, Garcia Negron A, Baez A, Romaguera J, Jiménez I, Ortiz A, Acevedo J, Viera L, Cadilla Vazquez C & Sidransky D. Accuracy of Saliva, Urine, and Nasopharyngeal Based Molecular Assay for Diagnosing SARS-CoV-2 in Asymptomatic Patients

## MANUSCRIPTS IN PREPARATION

### **Roy, Souvik**

**Roy S.**, Fields, D., Capogrosso, M., Gerszten P. Neurophysiology Guided Placement of Cervical Epidural Spinal Cord Stimulator for Recovery of Arm Function in Chronic Stroke

### **Shaikh, Sahar**

**Shaikh, S.**, Rudd KE, Hantrakun V, Seraly, P, Day, N, West, TE, Limmathurotsakul D. Acute Medical Complications of Sepsis Among Hospitalized Thai Adults with Community Acquired Infection

**Shaikh, S.**, Rudd KE, Kennedy J. Association Between Patient Language and Quality of Care and Outcomes of Sepsis

### **Sharma, Rishaan**

**Rishaan R Sharma**, Claudia Ramos Rivers, David J. Levinthal, Eva Szigethy, Fillippos Koutroumpakis, Jeffrey Dueker, Elyse Johnston, Arthur Barrie, Janet Harrison, Marc Schwartz, Jana Hashah, Dmitriy Babichenko, Gong Tang, David G Binion, Aylin Tansel. Treating IBS in IBD: Use Patterns of Non-inflammatory Adjuvant Symptomatic Therapy in an Inflammatory Bowel Disease (IBD) Natural History Registry

### **Skiba, Justin**

**Skiba JH**, Melhem N. Expressive Suppression and Anxiety in Children with Parental Cancer

### **Spigner, Sabina**

**Spigner, S.**, Lim, S., McIntyre, A., LaVallee, D., Eckstrand, K. Characterizing Transgender Concierge Utilization within a Large Healthcare System

### **Stern, Natalie**

**Stern, N.**, Patnaik, S., Olaniyan, A., & Chang, J.C. Perspectives from Pregnant Women Who Use Substances: Facilitators of Substance Use Disclosure During Pregnancy

### **Vessel, Kathryn**

**Vessel KV**, Butler RA, Kennedy JN, Buddadhumaruk P, White DB. Risk Factors for the Development of Long-Term Psychological Symptom Burden in Surrogate Decision-Makers of Critically Ill Patients

### **Zaheer, Haniah**

**Zaheer HA**, Atta S, Wasser L, Cassidy J, Wu T, Williams AM. Implementation of Teleretinal Screening for Diabetic Retinopathy and Its Effects on Follow Up

**Zaheer HA**, Wasser L, Cassidy J, Cecconi K, Waxman EL, Sahel JA, Williams AM. Factors Associated with Clinic Attendance After Referral from a Community Screening Event

**Zaheer HA**. Chhablani J. Infrared Imaging of Retinal Disorders

**Zaheer HA**, Dhaliwal D, Yiqin D. Toxicity of 2% Lidocaine Jelly on Corneal Epithelial and Endothelial Cells

## NATIONAL/INTERNATIONAL PRESENTATIONS/POSTERS

### **Abdallah, Hussein**

**Abdallah HM**, Gersey ZC, Gray Z, Le L, Meyers S, Arani KN, Bonhomme GR, Stefko ST, Fazeli PK, Mahmud H, Snyderman C, Wang E, Gardner PA, Zenonos GA. (2022, February 19). Endoscopic Endonasal Resection of Nonfunctional Pituitary Adenomas: Comprehensive Clinical Outcomes and the Radiographic Findings Associated with Gross Total Resection. Poster presented at the 31st Annual Meeting. North American Skull Base Society. Phoenix, AZ

**Abdallah, H.M.** & Gersey, Z.C. & Gray, Z. & Fogg, D. & Duehr, J.E. & Abou-Al-Shaar, H. & Arani, K. & Stefko, T. & Bonhomme, G. & Fazeli, P. & Mahmud, H. & Wang, E.W. & Snyderman, C.H. & Gardner, P.A. & Zenonos, G.A. Outcomes of Redo Endoscopic Endonasal Skull Base Surgery for Recurrent or Residual Nonfunctioning Pituitary Adenomas: An Analysis of 93 Consecutive Patients at the University of Pittsburgh Medical Center. North American Skull Base Society 32nd Annual Meeting 2023. Tampa FL

### **Anderson, Nathan**

**Anderson N**, Alter B, Gillman A, Yin Q, Jeong J, Wasan A. Identifying Phenotypic Subpopulations of Chronic Pain Patients Using Cluster Analysis of Body Map Data. Oral and poster presentation at the American Academy of Pain Medicine Annual Meeting. National Harbor, MD: February 28, 2022

### **Anthony, Austin**

Drain NP, Bertolini DM, **Anthony AW**, Feroze MW, Chao R, Longo SE, Smith C, Rothenberger SD, Shah NB, Urish KL. High Mortality After Total Knee Arthroplasty Periprosthetic Joint Infection is Related to Preoperative Fragility and the Disease Process but Not Treatment. Musculoskeletal Infection Society Annual Meeting 2022

Drain NP, Bertolini DM, **Anthony AW**, Feroze MW, Chao R, Longo SE, Smith C, Rothenberger SD, Shah NB, Urish KL. High Mortality After Total Knee Arthroplasty Periprosthetic Joint Infection is Related to Preoperative Fragility and the Disease Process but Not Treatment. Musculoskeletal Infection Society Annual Meeting 2022

### **Apfelbaum, Hannah**

Science 2018 - From A to Z. Poster presentation at the Social Withdrawal in Early Childhood is Associated with Greater Activation in the Ventral Striatum and Ventral Anterior Cingulate Cortex During Passive Viewing of Happy Faces

### **Atta, Sarah**

Association for Research in Vision and Ophthalmology, Annual Meeting 2022: Clinical Characterization of Culture-Negative Infectious Keratitis

Association for Research in Vision and Ophthalmology, Annual Meeting 2022: Association of Patient Characteristics with Self-reported Barriers to Eye Care at a Free Community Vision Screening Event

Association for Research in Vision and Ophthalmology, Annual Meeting 2021: Serratia Marcescens Keratitis: Clinical Features, Risk Factors, Treatment, and Outcomes

Association for Research in Vision and Ophthalmology, Annual Meeting 2020: Methicillin-resistant Staphylococcus aureus (MRSA) keratitis: An Analysis of Outcomes of Cases Treated Initially with Vancomycin Versus Cases Treated with Fluoroquinolone Drops

### **Ayionon, Caroline**

Maredia NN, Szczupak A, **Ayionon CM**, Tessier K, Rios JM, Beverley RM. Dual Trigger Improves Oocyte Yield and Embryo Quality Over HCG Only Trigger in GnRH Antagonist ICSI Cycles. ASRM Scientific Congress & Expo. October 2022

## NATIONAL/INTERNATIONAL PRESENTATIONS/POSTERS

Stockman SL, **Ayion CM**, Siegel LB, Eljamri S, Desai N, Nawash B, Fazeli PK. Adiposity in Menstrual Dysfunction and the Role of Laboratory Testing in Diagnosis. Abstract accepted to ENDO Annual Meeting. June 2022

**Ayion CM**, Butler S, Pollard A, Kennedy J, McKune M, Bender T, Wiesenfeld HC. Vulvar and Perineal Abscesses: A Modern Reappraisal. Presented poster at the IDSOG Annual Meeting. July 2021

### **Beiriger, Justin**

Almeida M., Long A., **Beiriger J.**, Hauc S., Alper D., Rivera J., Mayes L., Goldstein J., Persing J., Alperovich M. AI Radiographic Severity Assessment and Age of Surgery Associated with Neurocognitive Outcomes in Metopic Craniosynostosis. American Cleft Palate-Craniofacial Association (ACPA) Annual Meeting. May, 2023. Raleigh, NC

Irgebay Z., Glenney A., Mocharnuk J., **Beiriger J.**, Dvoracek L., Anstadt E., Saladino R., Goldstein J., Losee J. Demographics, Injury Patterns and Associated Injuries in 3,334 Pediatric Facial Fracture Patients Treated at a Single Institution. American Cleft Palate-Craniofacial Association (ACPA) Annual Meeting. May, 2023. Raleigh, NC

Irgebay Z., Glenney A., Mocharnuk J., **Beiriger J.**, Dvoracek L., Anstadt E., Saladino R., Goldstein J., Losee J. Demographics, Injury Patterns and Associated Injuries in 3,334 Pediatric Facial Fracture Patients Treated at a Single Institution. American Association of Plastic Surgeons (AAPS) Annual Meeting. April, 2023. Chicago, IL

Irgebay Z., Glenney A., Mocharnuk J., **Beiriger J.**, Dvoracek L., Anstadt E., Saladino R., Goldstein J., Losee J. Demographics, Injury Patterns and Associated Injuries in 3,334 Pediatric Facial Fracture Patients Treated at a Single Institution. Plastic Surgery Research Council (PSRC) Annual Meeting. April, 2023. Cleveland, OH

**Beiriger J.**, Bruce M., Tao W., Whitaker R., Goldstein J. CranioRate: An Image-Based, Deep-Phenotyping Analysis Toolset, Repository, and Online Clinician Interface for Craniosynostosis. Northeastern Society of Plastic Surgeons, 39th Annual Meeting. October, 2022. Newport, RI

**Beiriger J.**, Bruce M., Mak A., Zhang C., Kueper J., Smetona J., Pfaff M., Bykowski M., Losee J., Goldstein J. Delayed Presentation of Sagittal Synostosis: A Management Algorithm and Long-Term Follow-Up. Northeastern Society of Plastic Surgeons, 39th Annual Meeting. October, 2022. Newport, RI

Myers S., **Beiriger J.**, Matinrazm S., Bruce M., Raghuram A., Smetona J., Losee J., Goldstein J. The True Incidence of Marginal Mandibular Nerve Palsy Following Mandibular Distraction Osteogenesis. Plastic Surgery The Meeting. October, 2022. Boston, MA

Kass N., Guerrero D., **Beiriger J.**, Williams A., Smetona J., De La Cruz, C., Nguyen V., Losee J., Rubin P., Goldstein J. Perceptions of Plastic and Reconstructive Surgery Among Latino Medical Students. Plastic Surgery The Meeting. October, 2022. Boston, MA

**Beiriger J.**, Bruce M., Tao W., Whitaker R., Goldstein J. CranioRate: An Image-Based, Deep-Phenotyping Analysis Toolset, Repository, and Online Clinician Interface for Craniosynostosis. Plastic Surgery The Meeting, "Best of the Best". October, 2022. Boston, MA

**Beiriger J.**, Maliha S., Bruce M., Zhang C., Mak A., Dvoracek L., Goldstein J. Skull Vertex Position as a Novel Craniometric Measurement to Assess Severity and Surgical Outcomes in Sagittal Craniosynostosis. Plastic Surgery The Meeting. October, 2022. Boston, MA

## NATIONAL/INTERNATIONAL PRESENTATIONS/POSTERS

**Beiriger J.**, Bruce M., Mak A., Zhang C., Kueper J., Smetona J., Pfaff M., Bykowski M., Losee J., Goldstein J. Management and Outcomes of Patients who Present with Sagittal Craniosynostosis After the Age of One Year and 6-Year Follow-Up. Plastic Surgery The Meeting. October, 2022. Boston, MA

**Beiriger J.**, Dvoracek L., Tao W., Whitaker R., Goldstein J. Objective Quantification of Surgical Overcorrection and Long-Term Morphologic Changes in Patients with Metopic Craniosynostosis. Plastic Surgery The Meeting. October, 2022. Boston, MA

**Beiriger J.**, Saadoun R., Obuekwe K., Smetona J., Bykowski M., Losee J., Goldstein J. Critical Analysis of Spring Assisted Cranioplasty Peri- and Post-Operative Results in the Context of Surgical Decision Making and Spring Selection. Plastic Surgery The Meeting. October, 2022. Boston, MA

Long A., Hauc S., Mozaffari, M., Junn A.H., Rivera J., **Beiriger J.**, Junn A., Dinis J., Steinbacher D., DiLuna M., Goldstein J., Persing J., Alperovich M. Manual and AI Radiographic Severity Assessment for Metopic Craniosynostosis: Is There an Association with Long-Term Neurocognitive Outcomes? European Association of Craniomaxillofacial Surgeons 26th Congress. September, 2022. Madrid, Spain

**Beiriger J.**, Thompkins-Rhoades C., Anstadt E., Bruce M., Grosse P., Williams A., Kass N., Marji F., Pfaff M., Goldstein J. Racial Disparities in Early Evaluation and Management of Patients with Non-Syndromic Craniosynostosis. European Society of Craniofacial Surgery Annual Conference. September, 2022. Oxford, UK

**Beiriger J.**, Bruce M., Mak A., Zhang C., Kueper J., Smetona J., Pfaff M., Bykowski M., Losee J., Goldstein J. Management and Outcomes of Patients who Present with Sagittal Craniosynostosis After the Age of One Year and 6-Year Follow-Up. European Society of Craniofacial Surgery Annual Conference. September, 2022. Oxford, UK

**Beiriger J.**, Tao W., Whitaker R., Goldstein J. Stable or Not? Machine Learning Analysis of Postoperative Results in Patients with Metopic Craniosynostosis. European Society of Craniofacial Surgery Annual Conference. September, 2022. Oxford, UK

**Beiriger J.**, Bruce M., Tao W., Whitaker R., Goldstein J. CranioRate: An Image-Based, Deep-Phenotyping Analysis Toolset, Repository, and Online Clinician Interface for Craniosynostosis. European Society of Craniofacial Surgery Annual Conference. September, 2022. Oxford, UK

**Beiriger J.**, Zhang C., Irgebay Z., Smetona J., Ford M., Losee J., Goldstein J. Assessment of Long-Term Speech Outcomes in Children with Pierre Robin Sequence. Cleft 2022, 14th International Cleft Congress. July, 2022. Edinburgh, Scotland, UK

**Beiriger J.**, Yi C., Mak A., Vodovotz L., McClaine S., Bruce M., Slowikowski L., Pfaff M., Mocharnuk J., Schuster L., Goldstein J. Clinical Predictors of Orthognathic Surgery in Cleft Lip and Palate Patients. Cleft 2022, 14th International Cleft Congress. July, 2022. Edinburgh, Scotland, UK

**Beiriger J.**, Bruce M., Tao W., Christensen C., Pfaff M.J., Whitaker R., Goldstein J. 3D Photography to Quantify the Severity of Metopic Craniosynostosis. Ohio Valley Society of Plastic Surgeons 65th Annual Meeting. June, 2022. Louisville, KY

Maliha S., Bruce M., Zhang C., Mak A., **Beiriger J.**, Dvoracek L., Goldstein J. Skull Vertex Position as a Novel Craniometric Measurement to Assess Severity and Surgical Outcomes in Sagittal Craniosynostosis. Ohio Valley Society of Plastic Surgeons 65th Annual Meeting. June, 2022. Louisville, KY

## NATIONAL/INTERNATIONAL PRESENTATIONS/POSTERS

Saadoun R., Bengur F., Moroni E., **Beiriger J.**, Kubik M., Sridharan S., Solari M. Association Between Pulmonary Embolism Rates and BMI Greater Than 25 in Patients Undergoing Free Flap Reconstruction of the Head and Neck Region. Ohio Valley Society of Plastic Surgeons 65th Annual Meeting. June, 2022. Louisville, KY

**Beiriger J.**, Zhang C., Irgebay Z., Smetona J., Ford M., Losee J., Goldstein J. Assessment of Long-Term Speech Outcomes in Children with Pierre Robin Sequence. Ohio Valley Society of Plastic Surgeons 65th Annual Meeting. June, 2022. Louisville, KY

**Beiriger J.**, Bruce M., Tao W., Whitaker R., Goldstein J. CranioRate: An Image-Based, Deep-Phenotyping Analysis Toolset, Repository, and Online Clinician Interface for Craniosynostosis. Ohio Valley Society of Plastic Surgeons 65th Annual Meeting. June, 2022. Louisville, KY

**Beiriger J.**, Dvoracek L., Tao W., Whitaker R., Goldstein J. Objective Quantification of Surgical Overcorrection and Long-Term Morphologic Changes in Patients with Metopic Craniosynostosis. Ohio Valley Society of Plastic Surgeons 65th Annual Meeting. June, 2022. Louisville, KY

Blum J., **Beiriger J.**, Morales C., Cheung L., Villavisanis D., Tao W., Whitaker R., Cho D., Taylor J., Bartlett S., Goldstein J., Swanson J. Machine Learning in Metopic Craniosynostosis: Does Phenotypic Severity Predict Long-Term Aesthetic Outcomes? Plastic Surgery Research Council (PSRC) Annual Meeting. June, 2022. Toronto, CA

Blum J., **Beiriger J.**, Morales C., Cheung L., Villavisanis D., Tao W., Whitaker R., Cho D., Taylor J., Bartlett S., Goldstein J., Swanson J. Metopic Severity and Intracranial Pressure: The Whole Story or Just a Chapter? Plastic Surgery Research Council (PSRC) Annual Meeting. June, 2022. Toronto, CA

Myers S., **Beiriger J.**, Matinrazm S., Bruce M., Raghuram A., Smetona J., Losee J., Goldstein J. The True Incidence of Marginal Mandibular Nerve Palsy Following Mandibular Distraction Osteogenesis. Plastic Surgery Research Council (PSRC) Annual Meeting. June, 2022. Toronto, CA

Kass N., Guerrero D., **Beiriger J.**, Williams A., Smetona J., De La Cruz, C., Nguyen V., Losee J., Rubin P., Goldstein J. Perceptions of Plastic and Reconstructive Surgery Among Latino Medical Students. Plastic Surgery Research Council (PSRC) Annual Meeting. June, 2022. Toronto, CA

Saadoun R., Bengur F., Moroni E., **Beiriger J.**, Kubik M., Sridharan S., Solari M. Association Between Pulmonary Embolism Rates and BMI Greater Than 25 in Patients Undergoing Free Flap Reconstruction of the Head and Neck Region. Plastic Surgery Research Council (PSRC) Annual Meeting. June, 2022. Toronto, CA

**Beiriger J.**, Saadoun R., Obuekwe K., Smetona J., Bykowski M., Losee J., Goldstein J. Critical Analysis of Spring Assisted Cranioplasty Peri- and Post-Operative Results in the Context of Surgical Decision Making and Spring Selection. Plastic Surgery Research Council (PSRC) Annual Meeting. June, 2022. Toronto, CA

**Beiriger J.**, Bruce M., Tao W., Whitaker R., Goldstein J. CranioRate: An Image-Based, Deep-Phenotyping Analysis Toolset, Repository, and Online Clinician Interface for Craniosynostosis. Plastic Surgery Research Council (PSRC) Annual Meeting. June, 2022. Toronto, CA

**Beiriger J.**, Bruce M., Mak A., Zhang C., Kueper J., Smetona J., Pfaff M., Bykowski M., Losee J., Goldstein J. A Treatment Algorithm for Patients Presenting with Sagittal Craniosynostosis After the Age of One: Follow Up After 6 Years. Plastic Surgery Research Council (PSRC) Annual Meeting. June, 2022. Toronto, CA



## NATIONAL/INTERNATIONAL PRESENTATIONS/POSTERS

**Beiriger J.**, Pfaff M., Owoc M., Mittal A., Erpenbeck S., Bruce M., Bradley J., Lee J., Losee J., Goldstein J. The Impact of Neonatal Mandibular Distraction on Long-Term Mandibular Growth and Morphology. Plastic Surgery Research Council (PSRC) Annual Meeting. June, 2022. Toronto, CA

**Beiriger J.**, Bruce M., Tao W., Whitaker R., Goldstein J. CranioRate: An Image-Based, Deep-Phenotyping Analysis Toolset, Repository, and Online Clinician Interface for Craniosynostosis. American Association of Plastic Surgeons (AAPS) Centennial Meeting. April, 2022. San Diego, CA

**Beiriger J.**, Saadoun R., Obuekwe K., Smetona J., Bykowski M., Losee J., Goldstein J. Critical Analysis of Spring Assisted Cranioplasty Peri- and Post-Operative Results in the Context of Surgical Decision Making and Spring Selection. American Association of Plastic Surgeons (AAPS) Centennial Meeting. April, 2022. San Diego, CA

Kass N., Guerrero D., **Beiriger J.**, Williams A., Smetona J., De La Cruz, C., Nguyen V., Losee J., Rubin P., Goldstein J. Perceptions of Plastic and Reconstructive Surgery Among Latino Medical Students. Robert H. Ivy Society of Plastic Surgeons 68th Annual Meeting. April, 2022. Hershey, PA

**Beiriger J.**, Dvoracek L., Tao W., Whitaker R., Goldstein J. Objective Quantification of Surgical Overcorrection and Long-Term Morphologic Changes in Patients with Metopic Craniosynostosis. Robert H. Ivy Society of Plastic Surgeons 68th Annual Meeting. April, 2022. Hershey, PA

Dvoracek L., **Beiriger J.**, Blum J., Morales C., Cheung L., Villavisanis D., Tao W., Whitaker R., Cho D., Taylor J., Bartlett S., Goldstein J., Swanson J. Machine Learning in Metopic Craniosynostosis: Does Phenotypic Severity Predict Long-Term Aesthetic Outcomes? Robert H. Ivy Society of Plastic Surgeons 68th Annual Meeting. April, 2022. Hershey, PA

**Beiriger J.**, Zhang C., Irgebay Z., Smetona J., Ford M., Losee J., Goldstein J. Assessment of Long-Term Speech Outcomes in Children with Pierre Robin Sequence. Robert H. Ivy Society of Plastic Surgeons 68th Annual Meeting. April, 2022. Hershey, PA

Myers S., Beiriger J., Matinrazm S., Bruce M., Raghuram A., Smetona J., Losee J., Goldstein J. The True Incidence of Marginal Mandibular Nerve Palsy Following Mandibular Distraction Osteogenesis. Robert H. Ivy Society of Plastic Surgeons 68th Annual Meeting. April, 2022. Hershey, PA

**Beiriger J.**, Dvoracek L., Bruce M., Tao W., Whitaker R., Goldstein J. An Image-Based, Deep-Phenotyping Analysis Toolset, Repository, and Online Clinician Interface for Craniosynostosis. Robert H. Ivy Society of Plastic Surgeons 68th Annual Meeting. April, 2022. Hershey, PA

Dvoracek L., **Beiriger J.**, Blum J., Morales C., Cheung L., Villavisanis D., Tao W., Whitaker R., Cho D., Taylor J., Bartlett S., Goldstein J., Swanson J. Metopic Severity and Intracranial Pressure: The Whole Story or Just a Chapter? Robert H. Ivy Society of Plastic Surgeons 68th Annual Meeting. April, 2022. Hershey, PA

**Beiriger J.**, Mak A., Zhang C., Bruce M., Pfaff M., Kueper J., Smetona J., Bykowski M., Losee J., Goldstein J. Management and Outcomes of Patients who Present with Sagittal Craniosynostosis After the Age of One Year. Robert H. Ivy Society of Plastic Surgeons 68th Annual Meeting. April, 2022. Hershey, PA

**Beiriger J.**, Saadoun R., Obuekwe K., Smetona J., Bykowski M., Losee J., Goldstein J. A Single-Center Review of Spring Assisted Cranioplasty for Sagittal Craniosynostosis and a Critical Analysis of Spring Selection. Robert H. Ivy Society of Plastic Surgeons 68th Annual Meeting. April, 2022. Hershey, PA

## NATIONAL/INTERNATIONAL PRESENTATIONS/POSTERS

**Beiriger J.**, Pfaff M., Owoc, M., Mittal A., Erpenbeck S., Bruce M., Lee J., Losee J., Goldstein J. The Impact of Neonatal Mandibular Distraction on Long-Term Mandibular Growth and Morphology. American Cleft Palate-Craniofacial Association (ACPA) Annual Meeting. March, 2022. Ft Worth, TX

**Beiriger J.**, Bruce M., Tao W., Whitaker R., Goldstein J. An Image-Based, Deep-Phenotyping Analysis Toolset, Repository, and Online Clinician Interface for Craniosynostosis. American Cleft Palate-Craniofacial Association (ACPA) Annual Meeting. March, 2022. Ft Worth, TX

**Beiriger J.**, Saadoun R., Smetona J., Bykowski M., Losee J., Goldstein J. Critical Analysis of Spring Assisted Cranioplasty Peri- and Post-Operative Results in the Context of Surgical Decision Making and Spring Selection. American Cleft Palate-Craniofacial Association (ACPA) Annual Meeting. March, 2022. Ft Worth, TX

**Beiriger J.**, Mak A., Zhang C., Bruce M., Pfaff M., Kueper J., Smetona J., Bykowski M., Losee J., Goldstein J. A Treatment Algorithm for Patients Presenting with Sagittal Craniosynostosis After the Age of One Year: Follow up After 6 Years. American Cleft Palate-Craniofacial Association (ACPA) Annual Meeting. March, 2022. Ft Worth, TX

**Beiriger J.**, Yi C., Irgebay Z., Mak A., Vodovotz L., Bruce M., Mocharnuk J., Pfaff M., Schuster L., Goldstein J. Clinical and Radiographic Predictors of Orthognathic Surgery in Cleft Lip and Palate Patients. American Cleft Palate-Craniofacial Association (ACPA) Annual Meeting. March, 2022. Ft Worth, TX

Beiriger J., Pfaff M., Mocharnuk J., Fenton R., Mittal A., Owoc, M., Bruce M., Losee J., Goldstein J. The Clinical Significance of Clinocephaly in Late-Presentation Sagittal Craniosynostosis. American Cleft Palate-Craniofacial Association (ACPA) Annual Meeting. March, 2022. Ft Worth, TX

**Beiriger J.**, Dvoracek L., Anstadt E., Bruce M., Losee J., Goldstein J. Virtual 3D Reduction of Displaced Mandible Fractures: In-House Virtual Planning Workflow. American Cleft Palate-Craniofacial Association (ACPA) Annual Meeting. March, 2022. Ft Worth, TX

Bruce M., **Beiriger J.**, Tao W., Christensen C., Pfaff M.J., Whitaker R., Goldstein J. 3D Photography to Quantify the Severity of Metopic Craniosynostosis. American Cleft Palate-Craniofacial Association (ACPA) Annual Meeting. March, 2022. Ft Worth, TX

Blum J., **Beiriger J.**, Morales C., Cheung L., Villavisanis D., Tao W., Whitaker R., Cho D., Taylor J., Bartlett S., Goldstein J., Swanson J. Machine Learning in Metopic Craniosynostosis: Does Phenotypic Severity Predict Long-Term Aesthetic Outcomes? American Cleft Palate-Craniofacial Association (ACPA) Annual Meeting. March, 2022. Ft Worth, TX

Blum J., **Beiriger J.**, Morales C., Cheung L., Villavisanis D., Tao W., Whitaker R., Cho D., Taylor J., Bartlett S., Goldstein J., Swanson J. Metopic Severity and Intracranial Pressure: The Whole Story or Just a Chapter? American Cleft Palate-Craniofacial Association (ACPA) Annual Meeting. March, 2022. Ft Worth, TX

**Beiriger J.**, Pfaff M., Bruce M., Erpenbeck S., Zhu X., Dvoracek L., Goldstein J. Overcorrection in Trigonoccephaly: Morphometric Analysis of a Standardized Approach to Fronto-Orbital Advancement. Plastic Surgery The Meeting. October, 2021. Atlanta, GA

Pfaff M., Fenton R., Mittal A., Mocharnuk J., Owoc M., Bruce M., **Beiriger J.**, Losee J.E., Goldstein J.A. Clinical Significance of Clinocephaly in Late-Presentation Sagittal Synostosis. Plastic Surgery The Meeting. October, 2021. Atlanta, GA

## NATIONAL/INTERNATIONAL PRESENTATIONS/POSTERS

Pfaff M., Fenton R., Mittal A., Mocharnuk J., Owoc M., Bruce M., **Beiriger J.**, Losee J.E., Goldstein J.A. Clinical Significance of Clinoccephaly in Late-Presentation Sagittal Synostosis. Virtual presentation at the Congress of International Society of Craniofacial Surgery (ISCFS). October, 2021

**Beiriger J.**, Dvoracek L.A., Anstadt E., Bruce M., Losee J.E., Goldstein J.A. Virtual 3D Reduction of Displaced Mandible Fractures. Virtual presentation at the Congress of International Society of Craniofacial Surgery (ISCFS). October, 2021

Pfaff M.J., **Beiriger J.**, Owoc M.S., Mittal A., Erpenbeck S., Bruce M., Lee J.C., Losee J.E., Goldstein J.A. The Impact of Neonatal Mandibular Distraction on Long-Term Mandibular Growth and Morphology. Virtual presentation at the Congress of International Society of Craniofacial Surgery (ISCFS). October, 2021

Pfaff M.J., **Beiriger J.**, Owoc M.S., Mittal A., Erpenbeck S., Bruce M., Lee J.C., Losee J.E., Goldstein J.A. Overcorrection in Trigonoccephaly: A 3D-Based Morphometric Analysis of a Standardized Approach to Fronto-Orbital Advancement. Virtual presentation at the Congress of International Society of Craniofacial Surgery (ISCFS). October, 2021

Bruce M., **Beiriger J.**, Tao W., Christensen C., Pfaff M.J., Whitaker R., Goldstein J.A. 3D Photography to Quantify the Severity of Metopic Craniosynostosis. Virtual presentation at the Congress of International Society of Craniofacial Surgery (ISCFS). October, 2021

Mocharnuk J., Bruce M., Douglas N., **Beiriger J.**, Kass N., Smetona J., Pfaff M., Losee J., Goldstein J.A. A Systematic Review of Open Surgical Approaches for the Correction of Metopic Craniosynostosis. Virtual presentation at the Robert H. Ivy Pennsylvania Plastic Surgery Society (RHIS) Annual Meeting. September, 2021

Erpenbeck S., Pfaff M., Bruce M., Zhu X., Dvoracek L., **Beiriger J.**, Goldstein J.A. Overcorrection in Trigonoccephaly: 3D-Based Morphometric Analysis of a Standardized Approach to Fronto-Orbital Advancement. Virtual presentation at the Robert H. Ivy Pennsylvania Plastic Surgery Society (RHIS) Annual Meeting. September, 2021

Pfaff M., Fenton R., Mittal A., Mocharnuk J., Owoc M., Bruce M., **Beiriger J.**, Losee J.E., Goldstein J.A. Clinical Significance of Clinoccephaly in Late-Presentation Sagittal Synostosis. Virtual presentation at the Robert H. Ivy Pennsylvania Plastic Surgery Society (RHIS) Annual Meeting. September, 2021

Bruce M., Tao W., **Beiriger J.**, Christensen C., Pfaff M., Whitaker R., Goldstein J.A. 3D Photography to Quantify the Severity of Metopic Craniosynostosis. Virtual presentation at the Robert H. Ivy Pennsylvania Plastic Surgery Society (RHIS) Annual Meeting. September, 2021

**Beiriger J.**, Dvoracek L., Anstadt E., Bruce M., Losee J.E., Goldstein J.A. Virtual 3D Reduction of Displaced Mandible Fractures. Virtual presentation at the Robert H. Ivy Pennsylvania Plastic Surgery Society (RHIS) Annual Meeting. September, 2021

Egro, F., **Beiriger J.**, Roy E., Nguyen V. First Job and Promotion: Is There an Internal Bias in Academic Plastic Surgery Employment? Virtual presentation at the Plastic Surgery The Meeting. October, 2020

Pease, M., Arefan, D., Nwachuku, E., Billigen, J., Sharpless, J., Puccio, A., Hochberger, K., **Beiriger, J.**, Wu, S., Okonkwo, D. Neural Network Analysis of Severe Traumatic Brain Injury Patients Improves Predictive Performance of Long-Term Outcomes Compared to IMPACT. Virtual presentation at the Congress of Neurological Surgeons Annual Conference. October, 2020

## NATIONAL/INTERNATIONAL PRESENTATIONS/POSTERS

Lee, P., Ma I., Schusterman A., **Beiriger J.**, Ahrendt G., Bonaventura M., De La Cruz C., Diego E., Johnson R., Steiman JG., McAuliffe P., Gimbel M. Nipple Delay May Optimize Nipple Sparing Mastectomy Outcomes. Virtual presentation at the Northeastern Society of Plastic Surgeons (NESPS) Annual Meeting. September, 2020

**Beiriger J.**, Dvoracek L., Anstadt E., Losee J., Goldstein, J. Virtual 3D Reduction of Displaced Mandible Fractures: A Validation Study Comparing Surgical Reductions with Virtual Reductions. Virtual presentation at the UPMC Department of Plastic Surgery Research Day. June, 2020

**Beiriger J.**, Egro F., Roy E., Nguyen V. First Job and Promotion: Is There an Internal Bias in Academic Plastic Surgery Employment? Virtual presentation at the Ohio Valley Society of Plastic Surgeons (OVSPS) Annual Meeting. June, 2020

Dvoracek, L., **Beiriger, J.**, Anstadt, E., Losee, J.E., Goldstein, J.A. Virtual 3D Reduction of Displaced Mandible Fractures: A Validation Study Comparing Surgical Reductions with Virtual Reductions. Virtual presentation at the Ohio Valley Society of Plastic Surgeons (OVSPS) Annual Meeting. June, 2020

Egro, F., **Beiriger J.**, Roy E., Nguyen V. First Job and Promotion: Is There an Internal Bias in Academic Plastic Surgery Employment? American Council of Academic Plastic Surgeons (ACAPS). February, 2020. Austin, TX

**Brooker J. E.**, Chen W., Zhu X., Beiriger J., Pang H., Lee J. Y., Losee J. E., Goldstein, J. A. Squamosal Suture Synostosis: Its Associations and Clinical Significance. International Society of Craniofacial Surgery (ISCF) 18th Annual Meeting. September, 2019. Paris, France

**Beiriger J.**, Magnetta M., Dvoracek L., Gimbel M. Improving Free Flap Breast Reconstruction Using 3D Printed Templates to Map Perforator Artery Anatomy. Ohio Valley Society of Plastic Surgeons (OVSPS) Annual Meeting. June, 2019. French Lick, IN

### **Bidani, Shruti**

Dhande, M., **Bidani, S.**, Zhu, J., Thoma, F., Mulukutla, S., Voigt, A.H., Aronis, K. N., Kancharla, K., Marroquin, O., Estes, M., Orantes, O.K.M., Bhonsale, A. (2022, April 29). Cardiovascular Outcomes Among Patients with Obstructive Sleep Apnea and Atrial Fibrillation. Poster presented at the Heart Rhythm 2022. San Francisco, CA

Gardner, M., **Bidani, S.**, Khan, M., Zhu, J., Barrington, W., Bazaz, R. R., Bhonsale, A., Estes, M., Mathew, D., Mulukutla, S., Shalaby, A., Skowronski, J., Voigt, A., Jain, S., Saba, S.F., Kancharla, K. (2021, July 28). B-AB16-03 P Wave Paradox: Can the P Wave Duration on 12 Lead Electrocardiography Inform Atrial Fibrillation Recurrence after Catheter Ablation. Poster presented at the Heart Rhythm 2021. Boston, MA

Hauspurg, A., Restrepo, V.J., **Bidani, S.**, Berlacher, K., Jeyabalan, A., Countouris, M. (2022, February 04). Feasibility of Utilizing Telehealth in a Multi-disciplinary Postpartum Hypertension Clinic. Poster presented at the Society for Maternal Fetal Medicine. Orlando, FL

Khan, M., **Bidani, S.**, Gardner, M., Zhu, J., Barrington, W., Bazaz, R. R., Bhonsale, A., Estes, M., Mathew, D., Mulukutla, S., Shalaby, A., Skowronski, J., Voigt, A., Jain, S., Saba, S.F., Kancharla, K. (2021, July 29). B-PO02-151 Effect of Atrial Fibrillation Ablation on QTC Duration and Association of Post Ablation QTC Duration with Atrial Fibrillation Recurrence. Poster presented at the Heart Rhythm 2021. Boston, MA

### **Binko, Mary**

**Binko MA**, Andraska EA, Alie-Cusson FS, Chaer RA, Toma C, Liang NL, Rivera-Lebron B, Sridharan ND. Clot in Transit is Associated with Higher Mortality in Patients with Acute Pulmonary Embolism. Oral presentation at the Society for Clinical Vascular Surgery (SCVS). Miami, FL: March 29th, 2023

## NATIONAL/INTERNATIONAL PRESENTATIONS/POSTERS

**Binko MA**, Reitz K, Chaer RA, Tzeng E, Eslami MH, Sridharan ND. Industry Funding Negatively Impacts Publication of Vascular Surgery Trials. Oral presentation at the Vascular and Endovascular Surgery Society (VESS), Whistler, BC, Canada. February 25th, 2023

**Binko MA**, Masood J, Andraska E, Avgerinos E, Rivera-Lebron B, and Sridharan ND. Clinical Course of Clot in Transit Patients Enrolled in PERT. Oral presentation at the 8th Annual Pulmonary Embolism Symposium. Tampa, FL: September 29th, 2022

**Binko MA**, Eid R, Hager ES, Chaer RA, and Sridharan ND. No Systematic Differences Exist between Case Volumes of Vascular Fellows and Integrated Residents. Poster presentation at the Eastern Vascular Society (EVS). Charleston, SC: September 24th, 2021

### **Casillo, Stephanie**

**Casillo, S.M.**, Venkatesh, A., Muthiah, N., McDowell, M.M., Agarwal, N. (2021, October 16). First Female Neurosurgeon in the United States: Dorothy Klenke Nash, MD. Poster presented at the Congress of Neurological Surgeons (CNS) Annual Meeting. Austin, TX

**Casillo, S.M.**, Luy, D.D., Goldschmidt, E. (2021, August 21). A History of the Lobes of the Brain. Virtual poster presentation at the American Association of Neurological Surgeons (AANS) Annual Meeting

### **Castro, Alexander**

**Castro A**, Ou Y, Talisa VB, Butt AA, Yende S, Mayr FB. Racial Disparities Among Veterans with COVID-19 Disease. Poster presentation at the 2022 American Thoracic Society International Conference, San Francisco, CA: May 16th, 2022

**Castro A**, Ou, Y, Yende S, Mayr FB. Racial Disparities in the Management of Sepsis. Virtual oral presentation at the 2021 American Thoracic Society International Conference. May 16th, 2021

### **Charles, Shaquille**

Cong T, **Charles S**, Reddy R, Fatora G, Fox M, Barrow A, Lesniak B, Rodosky M, Hughes J, Popchak A, Lin A. Inferior Craniocaudal Hill-Sachs Extension is Associated with Recurrent Instability Following Primary Arthroscopic Bankart Repair. AOSSM. 2023

**Charles S**, Reddy R, Chen SR, Mittwede P, Rai A, Moloney G, Lin A. Reoperation Rates Following Dual versus Single Plate Fixation of Displaced Mid-shaft Clavicle Fractures. AOSSM. 2023

**Charles S**, Sabzevari S, Reddy R, Cluts L, Sebastiani R, Dworkin J, Schmidt C, Lin A. Distance-to-Dislocation Predicts Recurrent Dislocation and Return-to-Sport Following Latarjet. AOSSM. 2023

**Charles S**, LeVasseur C, Rai A, Kane G, Munsch M, Hughes J, Anderst W, Lin A. Post-operative Lateral Humeral Offset and Retroversion May Have a Complimentary Association with Better Strength and Range of Motion Following Reverse Total Shoulder Arthroplasty. ESSKA, OSET, POS, & ORS. 2022-2023

Barrow A, **Charles S**, Shannon M, Fox M, et al. Remplissage Reduces Recurrent Instability in High-Risk Patients with On-Track Hill-Sachs Lesions. EWJ, ASES, AANA. 2022-2023

Boden S, **Charles S**, Hughes J, Rodosky M, Lesniak B, Lin A. Increased Failure Following Bankart Repair in Near-Track Lesions with Hyperlaxity. ASES, AOSSM, AAOS, AANA, & POS. 2022-2023

## NATIONAL/INTERNATIONAL PRESENTATIONS/POSTERS

Boden S, Drain N, Greiner J, **Charles S**, et al. Location of Biceps Tenodesis Suture Anchor Predicts Postoperative Biceps Pain. ASES Fellow's Symposium & POS. 2022

Greiner J, Fox M, Carlos N, Herman Z, Drain N, **Charles S**, Lesniak B, Lin A. Preoperative Opioid Influences Rotator Cuff Repair Outcomes Along a Spectrum. ASES, AAOS, POS. 2022-2023

Rai A, Como C, Hyre N, Sebastiani R, **Charles S**, Barrow A, Dunn R, Lin, A. Return-to-Sport Testing vs. Time-Based Clearance in Posterior Shoulder Instability. AOSSM. July 2022

Barrow A, **Charles S**, Rai A, Bryson L, Rodosky M, Lin A. Distance to Dislocation Predicts Failure Following Primary Arthroscopic Bankart Repair. AAOS, AOSSM, ESSKA, EWI. 2021-2022

**Charles S**, Chen S, Mittwede P, Rai A, et al. Fracture Morphology Predicts Risk of Postoperative Complications Following Operative Fixation of Midshaft Clavicle Fractures. ASES, ISAKOS, AANA, AAOS & AOSSM. 2021-2022

Johnson C, Ruh E, Frankston N, **Charles S**, Anderst A, McClincy M. Healthy Hip Kinematics During Gait: Sex Differences and Asymmetry Revealed Through Dynamic Biplane Radiography. ASB, ISHA, & ORS. 2021-2022

**Charles S**, Zarei M, Mani A, Zhang G, Krafty R, Hogan M, Anderst W. The Number of Trials Required to Estimate a Representative Foot Loading Pattern. International Foot and Ankle Biomechanics Conference (i-FAB). April 2021

Johnson C, Ruh E, Frankston N, **Charles S**, Anderst A, McClincy M. Rotational Asymmetry During Deep Hip Flexion in Healthy Young Adults. POSNA & ORS. 2021

Ruh E, Johnson C, Frankston N, **Charles S**, Anderst A, McClincy M. Assessment of Femoral Head Translation to Diagnose Hip Microinstability. ASB. Virtual, August 2021

Miller T, Ong J, **Charles S**, Dansingani K. Epidemiological Analysis of Causes of Ocular and Orbital Tissue Contusions Presenting to Emergency Departments Nationwide. ARVO. Virtual, May 2021

**Charles S**, Sabzevari S, Reddy R, Cluts L, Sebastiani R, Dworkin J, Schmidt C, Lin A. Distance-to-Dislocation Predicts Recurrent Dislocation and Return-to-Sport Following Latarjet. AANA. 2023

**Charles S**, Reddy R, Chen SR, Mittwede P, Rai A, Moloney G, Lin A. Reoperation Rates Following Dual versus Single Plate Fixation of Displaced Mid-shaft Clavicle Fractures. AANA & AOSSM. 2023

**Charles S**, LeVasseur C, Ruh E, Johnson C, Anderst W, McClincy M. Statistical Shape Modeling of Femoroacetabular Variability in Patients with CAM-type Femoroacetabular Impingement. ORS & AOSSM. 2023

Kane G, **Charles S**, Rai A, Como C, Zheng A, Lin A. Critical Shoulder Angle and Pre-operative Shoulder Pathology Help Predict Postoperative Improvements Following Reverse Total Shoulder Arthroplasty. AANA. San Francisco May 2022

**Charles S**, LeVasseur C, Rai A, Kane G, Munsch M, Hughes J, Anderst W, Lin A. Anatomic Restoration of Lateral Humeral Offset and Humeral Retroversion Optimizes Functional Outcomes Following Reverse Total Shoulder Arthroplasty. ORS & AAOS. 2022-2023

Johnson C, Ruh E, Frankston N, **Charles S**, Anderst W, McClincy M. Asymptomatic Cam Deformity or Dysplasia May Not Alter Hip Kinematics During Gait or Squatting. ORS. Tampa, Florida February 2022

## NATIONAL/INTERNATIONAL PRESENTATIONS/POSTERS

Ruh E, Johnson C, Frankston N, **Charles S**, Anderst W, McClincy M. Sex-based Differences in Pelvis Orientation During Gait Revealed Through Biplane Radiography. ORS. Tampa, Florida February 2022

Ruh E, Johnson C, Frankston N, **Charles S**, Anderst A, McClincy M. Assessment of Femoral Head Translation to Diagnose Hip Microinstability. POSNA & ORS. 2021

Hacker E, **Charles S**, Goitz R, Fowler J. Psychiatric Diagnoses and Carpal Tunnel Release Outcomes. POS. Virtual Platform, October 2020

Oommen K, **Charles S**, Ong J, Fowler J. Time to Surgery and Outcomes of using Surgeon Performed Ultrasound as a Replacement to Electrodiagnostic Testing in Carpal Tunnel Syndrome Diagnosis. POS. 2020

### **Chen, Joseph**

Chen, J. (2019, November 07). Ultrasound Findings in Patients with Normal Nerve Conduction Despite Clinical Symptoms of Carpal Tunnel Syndrome. Poster presentation of the Pennsylvania Orthopaedic Society 2019 Fall Meeting. Philadelphia, PA

### **Cheung, Christina**

**Cheung C**, Kernan K, Carcillo J, Fink E. Encephalopathy on Presentation with Pediatric Sepsis and Multiple Organ Dysfunction Syndrome. Oral presentation at the Society of Critical Care Medicine Critical Care Congress. Mount Prospect, IL: January 31st, 2021

### **Cifuentes, Elizabeth**

Garcia A, Caicedo I, Chica, J, Hernandez L, Gallego C, Franco MJ, Cifuentes E, Ordonez C, Puyana J. Nonoperative Management of Traumatic Hemopericardium in Penetrating Precordial Trauma. Poster presentation at the Annual Meeting of the Association for the Surgery of Trauma and the Clinical Congress of Acute Care Surgery. Chicago, IL: September 22, 2022

### **Clarke, Alison**

Kazmerski TM, **Clarke A**, Stransky OM, Bernard M, Hughan KS, Ladores SL, Sawicki GS, Stalvey M. Men's Health in Cystic Fibrosis in the Modern Era: A Qualitative Study. European Cystic Fibrosis Society 2021

**Clarke A**, Hughan K, Stalvey M, Sawicki GS, Ladores SL, Kazmerski TM. Cystic Fibrosis Program Directors' Attitudes Towards Sexual and Reproductive Health in Men with CF. American Thoracic Society Conference 2021

### **Cuevas Villagomez, Alan**

**Cuevas Villagomez A.**, McKernan G., Houtrow A.J., & Dicianno B.E. (2021, Feb). Establishing Validity Evidence of a Novel Neurologic Impairment Scale. Poster presentation at the Association of Academic Physiatrists, 100(4), a163

### **D'Alesio, Michael**

Liu H, **D'Alesio M**, Lebowitz S, Hammad A, Nassour I, Singhi A, Bahary N, Lee K, Zureikat K, Paniccia A. (2021, August 04). Oral presentation. Angiotensin System Inhibitor Use is Associated with Longer Survival in Resected Pancreatic Cancer. Congress of the Americas HepatoPancreato-Biliary Association 2021. Miami Beach, FL

### **Dai, Yancheng**

Andraska EA, Phillips AR, Reitz KM, Asaadi S, **Dai Y**, Tzeng E, Makaroun M, Liang NL. (2021, August 20). Longer Follow-up Intervals Following EVAR is Safe and Appropriate After Marked Aneurysm Sac Regression Oral presentation at the Vascular Annual Meeting. San Diego, CA

## NATIONAL/INTERNATIONAL PRESENTATIONS/POSTERS

Phillips AR, Andraska EA, Martinez-Meehan D, **Dai Y**, Reitz KM, Johnson AE, Tzeng E, Liang NL. (2021, August 20). Rupture Before the Age of AAA Screening - Another Example of Disparities in Vascular Surgery? Oral presentation at the Vascular Annual Meeting. San Diego, CA

Li SR, Reitz KM, Phillips AR, Hafeez MS, Habib S, Jano A, **Dai Y**, Tzeng E, Makaroun M, Liang NL. (2022, October 17). External Validation of Seven Predictive Models for Ruptured Abdominal Aortic Aneurysm Mortality Demonstrates Limited Predictive Accuracy. Oral presentation at the American College of Surgeons Clinical Congress. San Diego, CA

Hafeez MS, Li SR, Reitz KM, Phillips AR, Habib S, Jano A, **Dai Y**, Stone A, Tzeng E, Makaroun M, Liang NL. (2022, September 30). Characterization of Multiple Organ Failure After Ruptured Abdominal Aortic Aneurysm Repair. Poster presentation at the Eastern Vascular Society. Philadelphia, PA

### **Deirmenjian, Christina**

Wiener, S. J., Friedman, F. S., Rahman, S., London, S., Riley, A., **Deirmenjian, C.**, Miller, E. (2020, April 8). #149: Enhancing Resiliency of Juvenile Justice-Involved Youth. Society of Adolescent Health and Medicine

### **Donohue, Joseph**

Hassan A, Howard A, Kainat A, **Donohue JP**, Akunor A. Gender Disparities in Complications Post Atrial Fibrillation Ablation. Poster presentation at the AHA Scientific Sessions NOV 5-7 2022. Chicago, IL

Hassan A, **Donohue JP**, Howard A, Kainat A, Saba S. Safety of Catheter Ablation Therapy for Atrial Fibrillation in Cardiac Amyloidosis. Poster presentation at the AHA Scientific Sessions NOV 5-7 2022. Chicago, IL

Alan N, **Donohue JP**, Ozpinar A, Agarwal N, Kanter AS, Okonkwo DO, Hamilton DK. Load Sharing Classification Score in Patients with TLICS 4 is Predictive of Surgical Intervention. Oral and poster presentation at the AANS/CNS Joint Section Spine Summit. Las Vegas, NV. March 5-8 2020. \*Winner of Mayfield Clinical Science Award

Maroon JC, **Donohue JP**, Bost J. Rewiring the Brain: Neuro-epigenetics and Neuroplasticity. Oral presentation at the HBOT Conference. Charleston SC, September 2019

### **Duehr, James**

**Duehr J**, Puccio AM, Deng H, Hamilton DK, Okonkwo DO, Nwachuku E. (2021, October 16). Superiority of Craniotomy Over Supportive Care for Octogenarians and Nonagenarians in Operable Acute Traumatic Subdural Hematoma. Oral presentation at the Annual Meeting of the Congress of Neurological Surgeons. Austin, TX

**Duehr J**, Pillai B, Li JC, Dahl CF. (2022, April 09). Severe Fecal Incontinence and Diarrhea in Aa 49-year-old Man. Poster presented at the Annual Meeting of the Society for General Internal Medicine. Orlando, FL

Abdallah H, Gersey Z, Gray Z, Fogg, D, **Duehr J**, Abou-Al-Shaar H, Arani K, Stefko Y, Bonhomme G, Fazeli P, Mahmud H, Wang E, Snyderman C, Gardner P, Zenonos G. (2023, February 19). Outcomes of Redo Endoscopic Endonasal Skull Base Surgery for Recurrent or Residual Nonfunctioning Pituitary Adenomas: An Analysis of 93 Consecutive Patients at the University of Pittsburgh Medical Center. Poster presented at the North American Skull Base Society. Tampa, FL

### **Eibel, Adam**

**Eibel A**, Very B, Thoma F, Sezer A, Hickey G. Trends in PA Catheter Utilization for Cardiogenic Shock Across A Large Hospital System. Poster presentation at the American College of Cardiology 2023 Conference. New Orleans LA: March 5th, 2019



## NATIONAL/INTERNATIONAL PRESENTATIONS/POSTERS

**Eibel A**, Hughes JD, Smith C, Popchak A, West R, Musahl V, Lesniak B, Lin A. Outcomes Following Arthroscopic Rotator Cuff Repair After Traumatic Shoulder Dislocation. Poster presentation at the Arthroscopy Association of North America 2022 Conference. San Francisco CA: May 19th 2022

**Eibel A**, Hughes JD, Smith C, Popchak A, Lesniak B, Lin A. Comparing Outcomes of Rotator Cuff Repair Following Acute Tendon Ruptures and Concurrent Shoulder Dislocations Vs Acute Tendon Ruptures Without Shoulder Dislocation. Poster presentation at the International Society of Arthroscopy, Knee Surgery, and Orthopaedic Sports Medicine 2021 Conference. Capetown ZAF: November 27th, 2021

**Eibel A**, Hughes JD, Smith C, Popchak A, Lesniak B, Lin A. Comparing Outcomes of Rotator Cuff Repair Following Acute Tendon Ruptures and Concurrent Shoulder Dislocations Vs Acute Tendon Ruptures Without Shoulder Dislocation. Poster presentation at the Orthopaedic Research Society 2021 Conference. Rosemont, IL: February, 12th 2021

### **Eleazu, Rachel**

**Eleazu, R.**, & Tung, I., Keenan, K, & Hipwell, A. E. (2021, February 06). The Impact of Childhood Violence Exposure on Pregnancy Loss among Black Women. Poster presented at the 2021 Student National Medical Association Region VIII Medical Education Conference. Harrisburg, PA. February 6th 2021

**Eleazu, R.** The Impact of Childhood Violence Exposure on Pregnancy Loss Among Black American Women. Virtual oral presentation at the 2021 Student National Medical Association Annual Medical Education Conference. April 2nd 2021

### **Erpenbeck, Sarah**

**Erpenbeck SP**, Kettering CE, Stofman GM, Ziembicki JA, Egro FM. Interdisciplinary Representation of Burn Surgery Journal and Society Leadership. Virtual oral presentation at the Northeast Region Burn Conference. November 2020

**Erpenbeck SP**, Miller D, Pelzman D, Orikogbo O, Bonfili J, Jones R, Pekala K, Maganty A, Jackman SV, Rusilko PJ. Decreasing Traumatic Urethral Catheterization: Implementation of a Standardized Process of Coude Catheter Insertion. Moderated poster presentation at the Northeastern Section of the AUA. October 27 - 29, 2022. Charlotte, NC

Myrga JM, **Erpenbeck SP**, Sharbaugh D, Yu M, Jacobs BL, Davies BJ. Patient Reported Outcomes After Transperineal Vs. Transrectal Biopsy with Local Anesthesia: Advances in Pain Control and Areas for Improvement. Poster presentation at the Northeastern Section of the AUA. October 27 - 29, 2022. Charlotte, NC

### **Espinal, Alexis**

Espinal, A.M., Li, J., & Rawal, R. (2022, Aug). Isolated Cholestatic Liver Injury? Consider Metastatic Liver Injury. Oral presentation at the PA-ACP Western Region Abstract Competition

Espinal, A. M., Epperly, M., Mukherjee, A., Shields, D., Hou, W., Fisher, R., van Pijkeren, J.-P., Patel, R., Islam, N., & Greenberger, J. S. (2020, Nov). Biological Effects of Abdominal Irradiation on Intestinal Barrier Breakdown Identified by Second-generation Probiotic, LR-il-22. *Blood*, 136(Supplement 1), 32–33

### **Evankovich, Maria**

Kocher, M., **Evankovich, M.R.**, Visoiu, M. Feasibility of Nerve Blocks in Patients Undergoing Embolization Therapy for Vascular Malformations. Poster presentation at the SPA-AAP Pediatric Anesthesiology 2023. Austin, TX. April 1st, 2023

## NATIONAL/INTERNATIONAL PRESENTATIONS/POSTERS

Kocher, M., **Evankovich, M.R.**, Visoiu, M. The Clinical Implications of Blood Vessels for Thoracic Continuous Paravertebral Blockade- A Pediatric Case Report. Poster presentation at the American Society of Anesthesiologists. New Orleans, LA. October 24th, 2022

### **Fenner, Maxine**

**Fenner, M.** Wilson, T. Riley, A. Culyba, A.J. Exploring Adolescent-adult Connections, Coping, and Safety Among Youths in Neighborhoods Impacted by Community Violence. Oral presentation at the Society for Adolescent Health and Medicine. March 11th, 2021

**Fenner, M.** Riley, A. Culyba, A.J. 2021. Exploring Adolescent-Adult Connections, Coping, and Safety Among Youths in Neighborhoods Impacted by Community Violence. *Journal of Adolescent Health*, Volume 68, Issue 2 S14-S15. <https://doi.org/10.1016/j.jadohealth.2020.12.034>

### **Finger, Logan**

Risk Factors for Early Failure of Non-operative Management of Rotator Cuff Tears. Presented at the Arthroscopy Association of North America 2023

Clinical Outcomes Secondary to Time to Surgery for Atraumatic Rotator Cuff Tears. Presented at the American Shoulder and Elbow Surgeons Fellows Day 2021; International Society of Arthroscopy, Knee Surgery and Orthopaedic Sports Medicine 2021; American Academy of Orthopaedic Surgeons 2022; Medical Student Orthopaedic Symposium at George Washington University 2022; Arthroscopy Association of North America 2022

### **Flaherty, Emily**

Kislovskiy, Y., Chang J., **Flaherty, E.**, Cameron, F., Krans, E., & Chappell, C. Perspectives of Women Receiving Treatment for Hepatitis C Virus During Pregnancy. Oral presentation at the Infectious Disease Society of Obstetrics Gynecology. Boston, MA. August 15, 2020

### **Fogg, David**

Diaz CE, Viegas M, Hyzny E, **Fogg D**, Castro-Medina M, Morell V. ECMO Support and the Effect of Underlying Reason on Survival After Norwood Procedure at T Single Center. Western Thoracic Surgical Association 2021

Anthony AW, Sharma N, **Fogg DN**, Njoku-Austin C, Mallela A, Andrews E, Sekula R. Single Institutional Series Describing Glycerol Rhizotomies in Achieving Pain Reduction for Patients with Trigeminal Neuralgia. Student National Medical Association Region Eight Medical Education Conference 2022

**Fogg DN**, Sharma N, Njoku-Austin C, Anthony AW, Mallela A, Head JR, Zinn PO, Andrews EG. Comparing Accuracy, Efficiency, and Complications of Frameless and Frame-based Stereotactic Biopsies. American Association of Neurological Surgeons Annual Meeting 2022

Mallela AN, Iheagwara U, **Fogg DN**, Anthony AW, Zhang X, Gersey Z, Abou-Al-Shaar H, Xu E, Zinn P, Siddiqui Z, Amankulor N. Preoperative Stereotactic Radiosurgery for Cerebral Metastases - Safe, Effective and May Reduce Time to Resumption of Immunotherapy. Congress of Neurological Surgeons Annual Meeting 2022

Sharma N, Frederico S, Head J, McCarthy D, Darling C, Kass N, Anthony A, **Fogg D**, Steur F, Andrews E. Accurate External Ventricular Drain Placement is Associated with Shorter Hospital and ICU Length of Stay. Congress of Neurosurgical Surgeons Annual Meeting 2022

Mallela AN, Jovanovich N, **Fogg D**, Darling C, Gersey Z, Pease M, Amankulor N, Zinn P. Preoperative and Early Post-operative Seizures Have Opposite Effects on Survival in IDH Wildtype Glioblastoma. Congress of Neurosurgical Surgeons Annual Meeting 2022

## NATIONAL/INTERNATIONAL PRESENTATIONS/POSTERS

### **Gandhi, Nimit**

Scheunemann LP, Motter EM, Eisenhauer P, Kim SP, **Gandhi N**, Girard TD, Reynolds CF, and Leland NE. Post-ICU Care Is Transitional Care: A Qualitative Analysis of Stakeholder Perspectives. Poster presentation at the American Geriatrics Society Annual Meeting. Orlando FL. May 13th, 2022

Scheunemann LP, Motter EM, Eisenhauer P, Kim SP, **Gandhi N**, Girard TD, Reynolds CF, and Leland NE. Post-ICU Care Is Transitional Care: A Qualitative Analysis of Stakeholder Perspectives. Oral presentation at the American Thoracic Society 2022 International Conference. San Francisco, CA. May 17th, 2022

Scheunemann LP, Motter EM, **Gandhi N**, Eisenhauer P, Kim SP, Girard TD, Reynolds CF, and Leland NE. Reconceptualizing Patient Safety After Critical Illness: A Qualitative Analysis. Poster presented at the American Geriatrics Society Annual Meeting. Long Beach CA. May 5th, 2023

Scheunemann LP, Motter EM, **Gandhi N**, Eisenhauer P, Kim SP, Girard TD, Reynolds CF, and Leland NE. Reconceptualizing Patient Safety After Critical Illness: A Secondary Qualitative Analysis of Stakeholder Perspectives. Oral presentation at the American Thoracic Society 2023 International Conference. Washington DC. May 20th, 2023

### **Gao, Timothy**

**Gao T**, Ibinson JW, Vogt K, fMRI Imaging Changes Seen with the Application of Auriculotherapy for Chronic Pain. Oral presentation at the Anesthesiology Society of Anesthesiologists - Anesthesiology Annual Meeting. New Orleans, LA: October 21st, 2022

### **Georgiadis, Rebecca**

**Georgiadis R**, Macedo J, Rosen D. Medication-Assisted Treatment (MAT) For Opioid Use Disorder During COVID-19: To Tele-MAT. Poster presented at the Association for Medical Education Research in Substance Abuse (AMERSA) Virtual Annual Conference 2021; 2021 November 3

### **Glanzman, Jason**

**Glanzman, J.**, Werling, K.A., Whited, A., Zuccoli, G., Poe, M.D., & Escolar, M.L. A Tractography Tool That Detects Abnormalities in Function in Early Metachromatic Leukodystrophy. WORLD Symposium Lysosomal Diseases Conference. 2021, Feb. 8-12. San Diego, CA. *Molecular Genetics and Metabolism*, Feb. 2021, Abstract nr 86

### **Gramm, Erin**

Adkins A.Q., **Gramm E.R.**, Shulman J.A., & Pizon A.F. (2022, September 16). BaFLofen: A Case of Nootropics Gone Awry Leading to 4-Fluorophenibut Toxicity. Poster presented at the NACCT Annual Meeting. San Francisco, CA

**Gramm E.R.**, Salcido D.D., Koller A., & Menegazzi J. (2021, January 15). Comparing OHCA Treatment and Outcomes of Males and Females. Oral presentation at the NAEMSP Annual Meeting. Austin, TX

Malley C.K., **Gramm E.R.**, Adkins A.Q., Trautman W., Scanlon M.P., Abesamis M., & Pizon A.F. (2022, September 16). Acute Necrotizing Eosinophilic Myocarditis and Sudden Death in a Patient with Metformin Associated Metabolic Acidosis. Poster presented at the NACCT Annual Meeting. San Francisco, CA

### **Gray, Zane**

Radiomic Prediction of Overall and Organ-specific Response to Ipilimumab-nivolumab in Melanoma. Presented as poster and oral presentation at Society for Immunotherapy of Cancer (SITC) 37th Annual Meeting. November 2022

## NATIONAL/INTERNATIONAL PRESENTATIONS/POSTERS

### **Hafeez, Neha**

**Hafeez N**, Kirillova A, Jiang D, et al. An ACTN4-ATF6B-HLA-DPA1 Axis Controls the Genomic Architecture of SNP rs9277336 and Regulates Endothelial Pathophenotypes in Pulmonary Arterial Hypertension. Oral presentation at the American College of Cardiology 2022 Annual Sessions. Washington, DC: April 22, 2022

**Hafeez N**, Sun W, Li G, et al. ACTN4 Regulates HLA-DPA1-Related Pulmonary Endothelial Pathophenotypes in Pulmonary Arterial Hypertension Through Allele-Specific Binding to Functional SNP rs9277336. Oral presentation at the American Heart Association 2021 Scientific Sessions Conference. Boston, MA: November 13, 2021

### **Harley, Randall**

**Randall J. Harley**, Farhoud Faraji, Shaum Sridharan, Mark W. Kubik. Effect of Pathological Tumor Stage and Postoperative Radiotherapy on Survival in Locally Advanced Node Negative Laryngeal Squamous Cell Carcinoma Treated with Laryngectomy. Oral presentation at the AHNS 11th International Conference on Head and Neck Cancer. Montreal, Canada, July 2023

**Randall J. Harley**, Farhoud Faraji, Shaum Sridharan, Mark W. Kubik. Survival Outcomes of Postoperative Radiotherapy in Locally Advanced Node Negative Oral Cavity Squamous Cell Carcinoma Treated with Mandibulectomy. Oral presentation at the AHNS 11th International Conference on Head and Neck Cancer. Montreal, Canada, July 2023

**Randall J. Harley**, Eve Bowers, Jinhong Li, Christine Harrison, Jonas T. Johnson, Marci L. Nilsen. Effectiveness of Biotene Versus Refresh Artificial Saliva in Symptomatic Management of Radiation-Induced Xerostomia: A Randomized, Double-blind, Crossover Study. Poster presentation at the AHNS 11th International Conference on Head and Neck Cancer. Montreal, Canada, July 2023

Nicholas Fung, Cara Fleseriu, **Randall J. Harley**, Nayel Khan, Simion Chiosea, Raja Seethala, Seungwon Kim. Subcategorization of Perineural Invasion Stratifies Oral Cavity Squamous Cell Carcinoma Prognosis. Oral presentation at the Triological Society Annual Meeting at COSM. Boston, MA, May 2023

Soukaina Eljamri, **Randall J. Harley**, Noel Jabbour. Otologic Outcomes in Patients Undergoing Furlow Palatoplasty for Velopharyngeal Dysfunction and Submucous Cleft Palate. Poster presentation at the American Cleft Palate-Craniofacial Association's 80th Annual Meeting. Raleigh, NC, May 2023

**Randall J. Harley**, Megan Lyden, Leandro Socolovsky, Earl H. Harley Jr. Head and Neck Merkel Cell Carcinoma: Therapeutic Benefit from Adjuvant Radiotherapy in Patients with Nodal Disease. Poster presentation at The Triological Society Combined Section Meeting. San Diego, CA, January 2023

**Randall J. Harley**, Jonas T. Johnson, Marci L. Nilsen. Electromyographic Findings in Radiation-Induced Hypoglossal Nerve Injury. Poster presentation at the The Triological Society Combined Section Meeting. San Diego, CA, January 2023

**Randall J. Harley**, BS, Tracy Z. Cheng, MD, MHS, Baraa S. Nawash, BA, Li Wang, MS, Mohammed Issa, MD, Seungwon Kim, MD. Preoperative Care Clinic Improves Survival in Patients with Multiple Comorbidities Undergoing Total Laryngectomy. Oral presentation at the American Academy of Otolaryngology – Head and Neck Surgery 2022 Annual Meeting and OTO Experience. Philadelphia, PA, September 2022

**Randall J. Harley**, Jamil Hayden, Earl H. Harley, Jr. Trends in Underrepresented Minority Authorship in Otolaryngology Literature. Poster presentation at the American Academy of Otolaryngology – Head and Neck Surgery 2022 Annual Meeting and OTO Experience. Philadelphia, PA, September 2022

## NATIONAL/INTERNATIONAL PRESENTATIONS/POSTERS

**Randall J Harley**, BS, Tracy Z. Cheng, MD, MHS, Baraa S. Nawash, BA, Li Wang, MS, Mohammed Issa, MD, Seungwon Kim, MD. Impact of Preoperative Care on Clinical Outcomes after Total Laryngectomy. Poster presentation at the Combined Otolaryngology Spring Meetings 2022. Dallas, TX, April 2022

**Randall J. Harley**, Sarah C. Shearer, Jamil A. Hayden, Selena E. Briggs, Earl H. Harley, Jr., Michael Hoa. Identification of Features Perceived as Diverse in Otolaryngology Residency Applications using a Machine Learning-Based Approach. Poster presentation at the Combined Otolaryngology Spring Meetings 2022. Dallas, TX, April 2022

Jamil Hayden, BA, **Randall J Harley**, BS, Nikita Deshpande, BS, Daniel Swanson, BS, Alexandra Welschmeyer, BS, Sonya Malekzadeh, MD, Earl H. Harley, Jr., MD. Analyzing Diversity Elements on Otolaryngology Residency Program Websites. Poster presentation at the Combined Otolaryngology Spring Meetings 2022. Dallas, TX, April 2022

**Randall J. Harley**, Mohamad Issa, Kareem Al-Mulki, Esther X. Vivas and Candace E. Hobson. Initial Otologic Presentation of Undiagnosed of Granulomatosis with Polyangiitis. Poster presentation at the American Academy of Otolaryngology – Head and Neck Surgery 2021 Annual Meeting and OTO Experience. Los Angeles, CA, October 2021

**Randall J. Harley**, Karley Atchison, Karen Losego, Kelly Young, Marci L. Nilsen, Jonas T. Johnson. Health Literacy Associated with Poor Adherence to Clinical Recommendations in Head and Neck Cancer Patients. Virtual poster presentation at the American Head and Neck Society 10th International Conference on Head and Neck Cancer. July 2021

**Randall J. Harley**, Benjamin T. Ostrander<sup>1</sup>, Andrey Finegersh, Tammy B. Pham, Kareem O. Tawfik, Yin Ren, Farhoud Faraji & Rick A. Friedman. Clinical Features, Treatment Patterns, and Factors Associated with Survival for Head and Neck Paraganglioma. Virtual poster presentation at the American Head and Neck Society 10th International Conference on Head and Neck Cancer. July 2021

M. Barzik, F. Jiang, R. Gong, C. Aguilar, A. Shams, S. Espinoza, M. Reynolds, J. Werth, C. Faaborg-Andersen, **R. Harley**, D. Sutton, A. Parker, Y. Takagi, J.R.Sellers, S.D.Brown, T.B.Friedman, G.M.Alushin, M.R.Bowl, J.E.Bird. Unconventional Mechanisms of Actin Polymerization Drive Stereocilia Elongation in The Cochlea. Poster presentation at The American Society for Cell Biology EMBO Meeting. Washington, DC, December 2019

Melanie Barzik, Carlos Aguilar, Rui Gong, Arik Shams, Fangfang Jiang, Jesse Werth, Christian Faaborg-Andersen, **Randall J. Harley**, Daniel C. Sutton, Andrew Parker, Elizabeth Wilson, Tracy Fitzgerald, Yasuharu Takagi, James Sellers, Steve Brown, Thomas B. Friedman, Gregory Alushin, Michael Bowl, Jonathan Bird. A Myosin Molecular Motor Directly Stimulates Actin Polymerization to Drive Stereocilia Growth. Poster presentation at the Association for Research in Otolaryngology MidWinter Meeting, Baltimore, MD, February 2019

### **Hay, Jordan**

Zhu, T., Yu, M., Pekala, K., Lin, J., Sharbaugh, A., Worku, H., Armann, K., Hudson, C., **Hay, J.**, Grajales, V., Yabes, J., Davies, B., & Jacobs, B. Utilizing a Prostate Biopsy Survey to Implement New AUA Guidelines. Virtual poster presentation at the 73rd Northeastern Section of the American Urological Association (NSAUA). September, 2021

### **Heres, Caroline**

Opioid Use after Laparoscopic Surgery for Endometriosis and Chronic Pelvic Pain Patients. Poster presentation at the Society of Gynecological Surgery 48th Annual Scientific Meeting. March 29th, 2022 - March 30th, 2022. San Antonio, TX

## NATIONAL/INTERNATIONAL PRESENTATIONS/POSTERS

### **Hildreth, Briana**

**Hildreth, B.A.**, Nicholas, A., Petty, K., Grosse, P., Lim G. (2022, May 12). Venovenous Extracorporeal Membrane Oxygenation Treatment Parameter Differences in Obstetric Patients. Poster presentation at the Society for Obstetric Anesthesia and Perinatology. Chicago, IL

### **Hossainian, Darius**

**Hossainian, D.**, Bai, Q., and Burton, E.A. Quantitative Tools for Phenotype-Based Drug Discovery in Zebrafish Models of Neurological Disease. *Experimental Biology*. Indianapolis, IN. April 27th, 2021. Poster presented

### **Hyzny, Eric**

**Hyzny E.**, Chan E., Harano T., Sanchez P. (2021, May 14). Diaphragmatic Plication as a Strategy to Overcome Donor/Recipient Size Mismatch in Lung Transplantation. Poster presentation at the the American Thoracic Society International Conference. Online, OTH

Chan EG, Deitz R, **Hyzny EJ**, Coster JN, Ryan JP, Furukawa M, Noda K, Sanchez PG. (2022, June 22). Ex Vivo Lung Perfusion and Lung Transplantation Practice Patterns in the United States. Poster presentation at the Western Thoracic Surgeon Association 49th Annual Meeting. Coeur d'Alene, ID

Chan EG, Dietz RL, **Hyzny EJ**, Ryan JP, Coster JN, Furukawa M, Kentaro N, Sanchez PG. (2023, January 21). Lung Transplantation after Ex-Vivo Lung Perfusion in High Risk Recipients. Poster presentation at the STS 59th Annual Meeting. San Diego, CA

Chan EG, Feeney EV, **Hyzny EJ**, Ramanan R, Murry H, Luketich JD, Sanchez PG. (2021, June 10). The Use of Venovenous Extracorporeal Support to Rescue Patients Who Experience Respiratory Failure Following General Thoracic Surgery. Poster presentation at the American Society for Artificial Internal Organs 66th Annual Conference. Washington, DC

Chan EG, **Hyzny E**, Furukawa M, Ryan JP, Luketich JD, Sanchez PG. (2022, January 29). Lung Transplantation in Patients 70 Years Old or Older: Practice Pattern in the United States in The Last Decade. Poster presentation at the Society of Thoracic Surgeons 58th Annual Meeting. Online, OTH

Chan EG, Pan G, Furukawa M, **Hyzny EJ**, Coster JN, Ryan JP, Gomez H, Sanchez PG. (2023, January 21). Postoperative Acute Kidney Injury Defines Long Term Transplant Outcomes Independently of Primary Graft Dysfunction. Poster presentation at the STS 59<sup>th</sup> Annual Meeting. San Diego, CA

Clifford S, Chan EG, **Hyzny EJ**, Deitz RL, Ryan JP, Coster JN, Furukawa M, Sanchez PG. (2023, January 21). Prognostic Utility of MELD-Na Score in Lung Transplantation. Poster presentation at the STS 59th Annual Meeting. San Diego, CA

Coyan GN, Diaz-Castrillon C, Lewis J, **Hyzny E**, Da Silva L, Da Silva J, Viegas M, Morell VO, Castro-Medina M. (2021, October 24). A Comparison of Handsewn Bicuspid Vs Tricuspid Valved Polytetrafluoroethylene Conduits >16mm For Right Ventricular Outflow Tract Reconstruction. Poster presentation at the Congenital Heart Surgeons Society. Chicago, IL

**Hyzny E.**, Chan E., Harano T., Ryan J., Morrell M., Sanchez P. (2021, June 04). Postoperative Hepatic Dysfunction Following Lung Transplantation. Oral presentation at the American Transplant Congress. Online, OTH

## NATIONAL/INTERNATIONAL PRESENTATIONS/POSTERS

Chan E.G., Deitz R., **Hyzny E.J.**, Coster J.N., Ryan J.P., Furukawa M., Noda K., and Sanchez P.G. (2022, June 01). Ex Vivo Lung Perfusion and Lung Transplantation Practice Patterns in the United States. Oral presentation at the 48th Annual Meeting of the Western Thoracic Surgical Association. Koloa, HI

Chan EG, **Hyzny EJ**, Ryan JP, Harano T, Subramaniam K, Morrell MR, Pilewski J, Luketich JD, Sanchez PG. (2021, May 01). The Use of Cardiopulmonary Bypass Versus Veno-Arterial Extracorporeal Membrane Oxygenation as Intraoperative Support for Primary Bilateral Sequential Lung Transplantation: A Propensity Matched Analysis. Oral presentation at the American Association of Thoracic Surgery 101st Annual Meeting. Online, OTH

### **Ifidon, Ayomipo**

**Ifidon, A** & Wilson, D. Age and Treatment Gaps in the Care of Hospitalized Adults with Infectious Complications from Injection Opioid Use. Poster presentation at the American Academy of Child and Adolescent Psychiatry (AACAP). Toronto, ON, CAN. October 19th 2022

### **Johnson, Solomon**

**Johnson S**, Gordeuk V, Roberto Machado R, Gibbs JS, Hildesheim M, Little JA, Kato G, Gladwin MT, Nourai M. Exercise-induced Changes of Vital Signs in Adults with Sickle Cell Disease. Oral presentation at the 62nd ASH Annual Meeting and Exposition. National Conference

**Johnson, S**, Nourai M. Disparities in Discussion of Sleep-related Breathing Disorders with a Physician. Poster presentation at the SLEEP 2023, the 37th Annual Meeting of the Associated Professional Sleep Societies

### **Knudsen-Robbins, Chloe**

**Knudsen-Robbins C**; Heyming T; Martin S; Sayrs LW; Morphew T; Kain Z. Factors Associated with an Increase in Pediatric Healthcare Worker Burnout During a Pandemic. Poster presentation at The Pediatric Academic Societies Meeting; April 2022; Denver, CO

### **Kolich, Brian**

**Kolich BD**, Chang J, Crum R, Ph.D. Badylak SF MD, Ph.D. DVM. Biocompatibility and Biodistribution of Matrix-bound Nanovesicles in Vitro and In Vivo. 23rd Annual Academic Surgical Conference. Houston TX; Feb 2023

### **Lai, Julia**

De Genna, N., Boss, N., Goldschmidt, L., Hossain, F., **Lai, J.**, Coulter, R.W.S. (2023, March 01). Sexual Minority Youth Inequities in Combustible Tobacco Use During Pregnancy. Poster presented at the Society for Research on Nicotine & Tobacco Conference. San Antonio, TX

**Lai, J.**, Chou, S.Y., Gopalan, P. (2020, December 10). Suicidality and Healthcare Utilization in Female Cannabis Users in a US Hospital. Virtual poster presented at the American Academy of Addiction Psychiatry Annual Meeting. East Providence, RI

**Lai, J.**, McMillan, C., Nanni, M. (2022, September 21). Emphasis of Community Service as a Metric for Faculty Promotion: A Systematic Review of Family Medicine Faculty Promotion. Poster presented at the Family Medicine Experience Annual Conference. Washington DC

**Lai, J.**, Moschenross, D., Gopalan, P. (2021, November 10). iPad Deployment to Reduce Perceived Stress in Hospitalized Patients on COVID-19 Isolation: A Case Series. Virtual poster presented at the Consultation-Liaison Psychiatry Annual Meeting. Bethesda, MD

## NATIONAL/INTERNATIONAL PRESENTATIONS/POSTERS

**Lai, J.,** Perry, M. (2022, October 20). Patient Safety in Primary Care: An Innovative Curriculum in Medical School Education. Poster presented at the American Medical Association Research Challenge Poster Symposium-Virtual. Chicago, IL

**Lai, J.,** Perry, M. (2023, January 27). Patient Safety in Primary Care: An Innovative Curriculum in Medical School Education. Poster presented at the Society of Teachers in Family Medicine Conference on Medical Student Education. New Orleans, LA

**Lai, J.,** White, A.M., Lam, J., McCartney, J.M., Alindogan, N. (2022, September 23). Unsheltered Women's Perspectives on Contraceptive Needs and Family Planning Services: A Qualitative Study. Poster presented at the International Street Medicine Symposium. Toronto, ON, CAN

**Lai, J.,** Newbery, Z. (2022, October 15). Cognitive Disabilities and Successful Completion of Family Medicine Residency: A Case Series. Virtual oral presentation at the Second Annual Disability Advocacy Coalition in Medicine Interprofessional Conference. Chicago, IL

### **Laffey, Makenna**

Ningappa, M., Ashokkumar, C., **Laffey, M.,** Rajasundaram, D., Kernan, K., Sood, V., Mazariegos, G., Soltys, K., Glessner, J., Hakonarson, H., Sindhi, R. Operational Tolerance (TOL) Is Associated with Missense Mutations in Immune Deficiency Genes That Regulate B-cell Function. American Transplant Congress, 2023

### **Lamb, Jordan**

**Lamb, J.E.,** Stone, A.X., Davis, E.M., & James, A.J. Achieving Visual Learning Equity: A Course Auditing System of Skin Color in Medical Education. Poster presentation at The American Medical Association (AMA) Research Challenge Poster Symposium. Chicago, IL: October 21st, 2022

**Lamb, J.E.,** Stone, A.X., Li, Z., Hu, J., & James, A.J. Average RGB Color Value to Categorize Skin Color of Dermatology Images. Oral presentation at the Society for Investigative Dermatology Annual Meeting. Portland, OR: May 21st, 2022

**Lamb, J.E.,** Stone, A.X., Li, Z., Hu, J., & James, A.J. Average RGB Color Value to Categorize Skin Color of Dermatology Images. Poster presentation at the Society for Investigative Dermatology Annual Meeting, Portland, OR: May 20th, 2022

**Lamb, J.E.,** Stone, A.X., Davis, E.M., & James, A.J. Achieving Visual Learning Equity: A Course Auditing System of Skin of Color Images in Preclinical Medical Education. Poster presentation at the 18th Annual Skin of Color Society Scientific Symposium. Boston, MA: March 24th, 2022

**Lamb, J.E.,** Ragunathan, N.W., Hauspurg, A., & Beck, S. Assessment of Racial Disparities in Aspirin Prophylaxis for Preeclampsia Prevention. Poster presentation at the Society of Maternal Fetal Medicine 40th Annual Pregnancy Meeting. Grapevine. TX: February 7th, 2020

### **Lebowitz, Steven**

Liu, H., D'Alesio, M., AlMasri, S., Hammad, A., deSilva, A., Rieser, C., Ashwat, E., Hampton, E., **Lebowitz, S.,** Khachfe, H. Singhi, A., Bahary, N., Lee, K., Zureikat, A., Paniccia, A. (2022, May 23). Defining Effective Neoadjuvant Chemotherapy (NAC) in PDAC, Implications from Survival and Pattern of Failure in Patients Who Received NAC. Poster presentation at The Society for Surgery of the Alimentary Tract 63rd Annual Meeting. San Diego, CA



## NATIONAL/INTERNATIONAL PRESENTATIONS/POSTERS

Liu, H., D'Alesio, M., **Lebowitz, S.**, Hammad, A., Nassour, I., Singhi, A., Bahary, N., Lee, K., Zureikat, A., Paniccia, A. (2021, August 04). Angiotensin System Inhibitor Use Is Associated with Longer Survival in Resected Pancreatic Cancer. Oral Presentation at the AHPBA Annual Meeting. Miami Beach, FL

### **Lee, Phoebe**

Loder SJ, **Lee PL**, Guerrero D, Nerone WV, Rubin PJ, Kokai L. Wound Edge Inversion Delays Healing and Contributes to Dystrophic Scar Formation in A Mouse Model. Oral presentation at the 68th Annual Plastic Surgery Research Council Meeting. Toronto, Canada. June 8, 2022

**Lee PL**, Loder SJ, Guerrero D, Nerone WV, Marra K, Rubin JP, Kokai L. A Low-Cost Rodent Model of Diabetic Epibolous Wounds Mimics Human Chronic Wound Progression and Dystrophic Scar Formation. Poster presented at the 65th Annual Ohio Valley Society of Plastic Surgeons Meeting. Louisville, KY. June 3, 2022

**Lee PL**, Guerrero DT, Loder SJ, Nerone WV, Rubin JP, Kokai L. Use of Surgical Epibole for Modeling Chronic Unresolved-inflammation And Granulation in Murine Wounds. Poster presented at the Centennial American Association of Plastic Surgeons Meeting. San Diego, CA. April 11, 2022

**Lee PL**, Loder SJ, Guerrero DT, Nerone WV, Marra K, Rubin JP, Kokai L. Wound-edge Inversion Results in the Reliable, Mechanical Formation of Dystrophic Scars in Mice. Poster presented at the Centennial American Association of Plastic Surgeons Meeting. San Diego, CA. April 11, 2022

**Lee PL**, Loder SJ, Guerrero DT, Bengur FB, Kokai L. A Low-Cost Rodent Model of Diabetic Epibolous Wounds Mimics Human Chronic Wound Progression and Dystrophic Scar Formation. Oral presentation at the 68th Annual Robert H. Ivy Pennsylvania Plastic Surgery Society Meeting. Hershey, PA. April 2, 2022

**Lee PL**, Loder SJ, Marra K, Rubin JP, Kokai L. Novel Surgical Epibole Model for Humanization of Chronic Wound Healing in Mice. Oral presentation at the American Society of Plastic Surgeons: 2021 Plastic Surgery the Meeting. Atlanta, GA. November 1, 2021

**Lee PL**, Loder SJ, Marra K, Rubin JP, Kokai L. Novel Surgical Epibole Model for Humanization of Chronic Wound Healing in Mice. Oral presentation at the Northeastern Society of Plastic Surgeon 38th Annual Meeting. Philadelphia, PA. September 12, 2021

### **Legan, Olivia**

**Legan OS** & Rick, AM. Adverse Childhood Events in Infancy and Health Outcomes in Middle Childhood. Poster presentation at the 2022 Pediatric Academic Society Meeting. Denver, CO. April 2022

**Legan OS** & Rick, AM. Adverse Childhood Events in Infancy and Health Outcomes in Middle Childhood. Poster presentation at the 2022 Pennsylvania American Academy of Pediatrics Conference. Gettysburg, PA. March 2022

### **Longo, Sadie**

Rinehardt, H.N., **Longo, S.E.**, Gilbert, R., Shoaf, J.N., Edwards, W.B., Kohanbash, G., Malek, M.M. (2022, September 28). Oral presentation at the Handheld PET Probe for Pediatric Cancer Surgery 54th Congress of the International Society of Paediatric Oncology. Barcelona, ESP

### **McDermott, Anne**

**McDermott A**, Kim N, Mor MK, Fine MJ, & Essien UR. Neighborhood Disadvantage and Oral Anticoagulation Use in Patients with Atrial Fibrillation. Poster presentation at the American Heart Association EPI | Lifestyle 2021 Scientific Sessions. N/A, UA. May 20, 2021

## NATIONAL/INTERNATIONAL PRESENTATIONS/POSTERS

**McDermott A**, Kim N, Mor MK, Fine MJ, & Essien UR. Neighborhood Disadvantage and Oral Anticoagulation Use in Patients with Atrial Fibrillation. Oral presentation at the Society of General Internal Medicine Mid-Atlantic Regional Meeting. N/A, UA. November 13, 2020

### **McDonald, Mackenzie**

Andraska EA, Phillips AR, Reitz KM, Asaadi S, Ho J, **McDonald MM**, Liang N, Sridharan N. Young Age Is Associated with Poor Short-term Limb Related Outcomes After Acute Limb Ischemia. Oral presentation at the Eastern Vascular Society. Charleston, SC: 2021, September 24

### **Milne, Emma**

**O'Leary, EI**. A New Age-conserving Model for Alzheimer's Disease. Cold Spring Harbor Laboratory Neurodegenerative Diseases: Biology & Therapeutics, Virtual Meeting: 2020. Poster Presentation

### **Mitchell, Chandler**

Ekeke CN, **Mitchell C**, Dhupar R, Okusanya OT, Mazur S, Ruppert K, Dhupar R, Luketich JD, Schuchert M. BLAST Metastasis II: A Propensity-matched Analysis of Distant Metastatic Recurrence in Patients with Operable Stage I NSCLC. Poster presentation at the 59th Annual Meeting of the Society of Thoracic Surgery. San Diego, CA: January 22nd, 2023

### **Muenzer, Maya**

**Muenzer, M.**, Vo, N., Koscomb, S., Venkatakrishnan, K., Marroquin, O., McKernan, G., Sowa, G. Descriptive Analysis of the Metformin Effect on Low Back Pain. *Physical Medicine & Rehabilitation*, 2021

**Muenzer, M.**, Houtrow, A. Child and Familial Factors Associated with Physical Activity Guidance Compliance Among Children with Specific Functional Impairments. Poster presentation at the Pediatric Academic Society Annual Conference. April 25th 2022, Denver, CO

**Muenzer, M.**, Vo, N., Koscomb, S., Venkatakrishnan, K., Marroquin, O., McKernan, G., Sowa, G. Descriptive Analysis of the Metformin Effect on Low Back Pain. Virtual poster presentation at the Association of Academic Physiatrists Annual Conference, 2021

### **Muluk, Sruthi**

Diaz-Castrillon CE, Viegas M, **Muluk S**, Castro-Medina M, Da Fonesca Da Silva L, Kreutzer J, Morell VO. Effects of Inter-Stage 1 Interventions on MBTS, Pulmonary Arteries or Sano Conduit after Norwood Procedure at a Single Center. Virtual presentation at The Society of Thoracic Surgeons (STS) Workforce on Annual Meeting. January 29-31, 2021

**Muluk, S.**, Sabik, L., Chen, Q., Jacobs, B., Sun, Z., Drake, C. Disparities in Geographic Access to Medical Oncologists. Poster presentation at the Academy Health Annual Research Meeting. Washington DC, DC. June 5, 2022

### **Murali, Anjana**

**Murali A**, Xie B, Vandevender A, Gil Silva AA, Bello FM, Sipula I, Dedousis N, Alder J, Jurczak MJ. 3-OR: Hepatocyte Gdf15 Is Sufficient for Increased Plasma GDF15 Levels and Body Weight Constraint during High-Fat-Diet Feeding and Restores Insulin Sensitivity in a Liver-Specific Manner. Oral presentation at the American Diabetes Association. New Orleans, LA. 06/03/2022

**Murali A**, Sojati J, Pressimone CA, Levochkina M, Griffith K, Fan E, Dakroub A. Community Perceptions of Flu and COVID-19 Vaccines at the Turtle Creek Primary Care Center. Poster presentation at the American Society of Virology. Madison, WI. 07/18/2022

## NATIONAL/INTERNATIONAL PRESENTATIONS/POSTERS

**Murali A**, Edmunds LR, Xie B, Liu Y, Jurczak MJ. Inhibition of FBXO48 Improves Metabolic Changes Associated with NAFLD by Inhibiting Proteasomal Degradation of Phosphorylated AMPK $\alpha$ . American Diabetes Association (virtual), Washington DC. 06/27/2021

**Murali A**, Jones M, Guyette F, Wheeler S. Assessing the Use of Portable Blood Gas Measurements (iSTAT instrument) in Emergency Department Transport. Virtual poster presentation at the ACLPS 2020 Annual Meeting. Iowa City, IA. 6/25/2020

### **Muthiah, Nallammai**

Milanaik, R, **Muthiah, N**, Fruitman, K, & Sidhu, S (2018). Not So Sure About Pediatrics: Assessing the Relationship of BMI and the Incorporation of Nutritional Supplements in Ideal Meal Plans.

- a. Eastern Society for Pediatrics Research 2018 - poster
- b. American Academy of Pediatrics National Conference and Exhibition 2018 – poster
- c. The Society for Developmental and Behavioral Pediatrics Conference 2018

Milanaik, R, Kahan, TF, **Muthiah, N**, Fruitman, K, Sidhu, S (2018). Parental Management of Picky Eaters: Common Parenting Pitfalls. Poster presentation at the American Academy of Pediatrics National Conference and Exhibition 2018

**Muthiah, N**, Adesman, A, Keim, SA (2018). Grandparents Raising Grandchildren: Are They Up to the Job?

- a. American Academy of Pediatrics National Conference and Exhibition 2019 – platform presentation
- b. American Academy of Pediatrics National Conference and Exhibition 2019 – press release
- c. Pediatric Academic Societies Meeting 2018 – poster
- d. Eastern Society for Pediatric Research Conference 2018 – poster

Rapoport, D, Milanaik, R, **Muthiah, N**, Adesman, A (2018). Early Childhood Digital Media Use: Inverse Associations with Sleep Time Consistency and Sleep Duration

- a. The Society for Developmental and Behavioral Pediatrics Conference 2018 – platform presentation
- b. American Academy of Pediatrics National Conference and Exhibition 2018 – poster
- c. Eastern Society for Pediatric Research Conference 2018 – poster

Egro, F, Lai, J., **Muthiah, N**, Smith, B, Nguyen, V (2019). Impact of International Medical Graduates in Academic Plastic Surgery

- a. Northeastern Society of Plastic Surgeons 2020 – poster presentation
- b. Ivy Society 2020 – poster presentation
- c. North American Society for Plastic Surgery 2020 – poster presentation
- d. Ohio Valley Society of Plastic Surgeons 2020 – poster presentation
- e. American Council of Academic Plastic Surgeons 2020 – poster presentation
- f. UPMC DOPS Research Day 2020 – oral presentation

Rapoport, D, **Muthiah, N**, Jimenez, D, Adesman, A, Milanaik, R (2019). Digital Media Use versus Non-Digital Family Interaction: Associations with Early Childhood Flourishing

- a. Eastern Society for Pediatric Research Conference 2019 – poster
- b. Pediatric Academic Societies Meeting 2019 – poster

**Muthiah, N**, Remick, M, Abel, T (2019). Efficacy of vagal nerve stimulation for treating epilepsy in children ages 6 and younger. Poster presentation at the American Epilepsy Society 2019

Agarwal, N, Rahman, A, Jacobs, R, Taylor, T, **Muthiah, N**, Alan, N, Ozpinar, A, Fields, D, Hamilton, DK (2020). Patient Perception of Scoliosis Correction Surgery on Instagram. Poster presentation at the Spine Summit 2022

## NATIONAL/INTERNATIONAL PRESENTATIONS/POSTERS

**Muthiah, N**, Akwayena, E, Vodovotz, L, Sharma, N, Abel, TJ (2021). Comparative effectiveness of heart rate responsive vagus nerve stimulation in pediatric drug-resistant epilepsy patients. Oral presentation at the International Epilepsy Congress 2021

**Nallammai Muthiah**, Jessica A. Lee, Francesco M. Egro, Elizabeth Moroni, Meg Stanger, & Lorelei J. Grunwaldt (2021). Use of Bioabsorbable Nerve Conduits as an Adjunct to Obstetrical Brachial Plexus Palsy  
a. Department of Plastic Surgery Research Day 2021 – oral presentation  
b. Ivy Society 2021 – poster presentation  
c. AWS National Conference 2021 – visual abstract

**Muthiah, N**, Abdallah, H, Gersey, Z, Wang, EW, Snyderman, C, Gardner, PA, Zenonos, G (2021). An institutional review of clinical outcomes for skull base chordoma: an analysis of 263 cases over 19 years. Virtual pre-recorded presentation at the North American Skull Base Society 2021

Abdallah, H, Gersey, Z, **Muthiah, N**, Wang, EW, Snyderman, C, Gardner, PA, Zenonos, G (2021). An integrated management paradigm for skull base chordoma based on clinical and molecular characteristics. Platform presentation at the North American Skull Base Society 2021, selected as NASBS 2021 Best Basic Science Abstract

Gersey, Z, **Muthiah, N**, Abdallah, H, Wang, EW, Snyderman, C, Gardner, PA, Zenonos, G (2021). Metastatic chordoma is associated with significantly shorter progression free survival following resection. Pre-recorded virtual presentation at the North American Skull Base Society 2021

**Muthiah, N**, Akwayena, E, Vodovotz, L, Sharma, N, Abel, TJ (2021). Comparison of standard and closed-loop vagus nerve stimulation for treatment of pediatric drug-resistant epilepsy: A propensity-matched retrospective cohort study. Platform presentation at the American Epilepsy Society 2021

Agarwal, N, Rahman, A, Jacobs, R, Taylor, T, **Muthiah, N**, Alan, N, Ozpinar, A, Fields, D, Hamilton, DK (2021). Patient perception of scoliosis correction surgery on Instagram. Virtual abstract at the Neurosurgical Focus

Casillo, SM, Venkatesh, A, **Muthiah, N**, Agarwal, N (2021). Dorothy Klenke Nash, M.D.: The First Female Neurosurgeon in the United States. Congress of Neurological Surgeons 2021

Guha, D, Mushlin, HM, **Muthiah, N**, Vodovotz, LL, Agarwal, N, Hamilton, DK, Okonkwo, DO, Kanter, AS (2021). CT Hounsfield Units as a predictor of reoperation and graft subsidence following standalone and multi-level lateral lumbar interbody fusion. Poster presentation at the Spine Summit 2021

**Muthiah, N**, Abdallah, H, Gersey, Z, Wang, EW, Snyderman, C, Gardner, PA, Zenonos, G (2022). Skull base chordomas presenting with cranial nerve VI deficits: characteristics and predictive factors for deficit improvement or resolution. Oral presentation at the NASBS 2022

Ozpinar, A, **Muthiah, N**, Alan, N, Agarwal, N, Hamilton, DK, Okonkwo, DO, Kanter AS (2022). ASD patient outcomes planned for a two-staged scoliosis correction: A case for standalone anterolateral MIS fusion. Spine Summit 2022 – selected as Charles Kuntz Award recipient

Alan, N, **Muthiah, N**, Deng, H, Vodovotz, LL, Ozpinar, A, Agarwal, N, Hamilton, DK, Okonkwo, DO, Kanter, AS (2022). Propensity-score matched analysis of subsidence and reoperation after LLIF using 3D porous titanium vs. PEEK  
a. Spine Summit 2022 – oral presentation  
b. LSRS 2022 – oral presentation

## NATIONAL/INTERNATIONAL PRESENTATIONS/POSTERS

Ozpinar, A, Muthiah, N, Alan, N, Agarwal, N, Hamilton, DK, Okonkwo, DO, Kanter AS (2022). Focal laminectomy with foraminotomy is associated with durable symptomatic improvement in high-comorbidity adult degenerative scoliosis patients. Poster presentation at the Spine Summit 2022

Ozpinar, A\*, Muthiah, N\*, Alan, N, Agarwal, N, Hamilton, DK, Okonkwo, DO, Kanter AS (2022). Single level lateral lumbar interbody fusion using 3D porous titanium cages for rod fractures in select ASD patients: single institution preliminary experience. Poster presentation at the Spine Summit 2022

**Muthiah, N**, Moroni, E, Marallo, M, Mehta, M, Zhang, C, Unadkat, J (2022). Pilomatrix Carcinoma of the Hand: A Case Report and Review of the Literature. Poster presentation at the Robert H. Ivy Society 2022

Moroni, E, Marallo, M, **Muthiah, N**, Mehta, M, Zhang, C, Davit, A (2022). Pediatric Hand Trauma: Demographics, Injury Patterns and Operations.

a. Plastic Surgery Research Council 2022 – poster

b. Plastic Surgery: The Meeting 2022 – poster

**Muthiah, N**, Rothenberger, S, Abel, TJ (2022). Socioeconomic Status and Healthcare Resource Utilization among Children with Epilepsy in the United States: Results from a Nationally Representative Sample. Poster presentation at the American Epilepsy Society 2022 – Broadening Representation and Inclusion by Growing Diversity and Equity (BRIDGE) poster session

**Muthiah, N**, Gersey Z, Hoppe M, Abdallah H, Wang E, Snyderman C, Zenonos G, Gardner P (2023). The Utility of Inflammatory Biomarkers in Predicting Overall Survival and Recurrence among Primary Skull Base Chordoma Patients. Oral presentation at the NASBS 2023

### **Nguyen, Breanna**

**Nguyen, B.\***, Hirai, T., Liu, C., Vignali, D.A., and Kaplan, D.H. (2021, May 05). Competition for Active TGFβ Augments Accumulation of Antigen-specific CD8+ T Cells in Murine Melanoma. Virtual oral presentation at the Society of Investigative Dermatology Annual Meeting. Cleveland, OH

### **Omar, Mahmoud**

**Omar, M.**, Kanwar, A., Hughes, M.A. (2022, September 07). Sellar and Parasellar Masses - What the Surgeons Want to Know. American Society of Head & Neck Radiology 56th Annual Meeting. Aurora, CO

**Omar, M.**, Kanwar, A., Weinstock, A., Hughes, M.A. (2022, September 07). Synovial Chondromatosis of the Temporomandibular. Poster presented at the American Society of Head & Neck Radiology 56th Annual Meeting. Aurora, CO. Joint (Case Report)

**Omar, M.**, McCoy, J.L., Kitsko, D.J., Chi, D.H. (2021, April 07). Meta-analysis of PORP vs. TORP in Pediatric Patients. Virtual poster presented at the Combined Otolaryngology Spring Meeting 2021. UA

Weinstock, M.S., Cheng, T., Omar, M., Jabbour, N.J., Chi, D.H. (2020, May 15). Endoscopic Airway Caliper Assessment of Subglottic. Virtual poster presented at the Combined Otolaryngology Spring Meeting 2020. UA

Jimenez, J.E., **Omar, M.**, Adams, G., Costacou, T., Thirumala, P., Snyderman, C.H., Gardner, P.A., Zenonos, G.A., Wang, E.W. (2022, February 18). NorthElectromyographic Predictors of Abducens Palsy Outcomes after Endoscopic Skull Base Surgery. Oral presentation at the American Skull Base Society 31st Annual Meeting. Phoenix, AZ

## NATIONAL/INTERNATIONAL PRESENTATIONS/POSTERS

**Omar, M.**, McCoy, J.L., Chi, D.H. (2020, December 04). Repeat Tympanostomy Tubes in Children with Down Syndrome. Oral presentation at the Society of Ear, Nose, and Throat Advances in Children/Virtual Meeting. UA

### **Osigwe, Chinweoke**

**Osigwe, CC**, Weiss, L, Salcido, DD. Disparities in the Distribution of PulsePoint Responders and Potential Impacts on Pandemic Response in Underserved Communities of Allegheny County. Oral presentation at the American College of Emergency Physicians Research Forum. Boston, MA. October 12, 2021

### **Palmieri, Daniel**

**Palmieri D**, Tadokoro KS, Valappil B, Pakala T, Muthukrishnan A, Seethala RR, Snyderman CH. Lutathera therapy for olfactory neuroblastoma. Oral presentation at the North American Skull Base Society Annual Meeting, Tampa FL: February 19th, 2023

**Palmieri D**, Tadokoro KS, Valappil B, Pakala T, Muthukrishnan A, Seethala RR, Snyderman CH. DOTATATE PET Imaging in olfactory neuroblastoma and association with SSTR expression. Oral presentation at the North American Skull Base Society Annual Meeting. Phoenix AZ. February 19th, 2022

**Palmieri D**, Champagne PO, Valappil BV, Gardner PA, Snyderman CH. Risk Factors for Postoperative Intracranial Infections During Endoscopic Endonasal Skull Base Surgery in a Pediatric Population and the Role of Antibiotic Prophylaxis. Oral presentation at the North American Skull Base Society Annual Meeting. Phoenix AZ. February 19th, 2022

**Palmieri D**, Shirvani SM, Lalonde R, Huntzinger C, Olson AO. Normalized Standardized Uptake Value Characterization of Adrenal Metastases for Biology-Guided Radiation Therapy Utilizing FDG-PET. Virtual poster presentation at the American Radium Society Annual Meeting. October 1st, 2021

**Palmieri D**, Champagne PO, Rupert K, Valappil BV, Byers KE, Gardner PA, Snyderman CH. Risk factors for Postoperative Intracranial Infections During Endoscopic Endonasal Skull Base Surgery and the Role of Antibiotic Prophylaxis. Virtual oral presentation at the North American Skull Base Society Annual Meeting, February 13th, 2021

Melder KL\*, Kanwar A, **Palmieri D**, Costacou T, Traylor K, Hughes MA, Gardner PA, Snyderman CH, Zenonos GA, Wang EW. Oncologic Outcomes and Orbital Preservation in Endoscopic Endonasal Resection of Secondary Orbital Tumors. Virtual oral presentation at the North American Skull Base Society Annual Meeting. February 13th, 2021

### **Patel, Vaidehi**

**Patel V**, Chakka AB, Chandran U, Lee AV, Oesterreich S, Weiss KR, Watters RJ. Whole Genome Sequencing Reveals Mutational Profiles of Breast Cancer Bone Metastases. Musculoskeletal Tumor Society. November 2022

**Patel V**, Chakka AB, Chandran U, Weiss KR, Watters, RJ. Characterization of SNV and CNV Mutations in Breast Cancer Bone Metastases. Orthopaedic Research Society. February 2021

Belayneh R, Hankins M, John I, Boone D, Ranganathan S, Alaggio R, **Patel V**, Martin B, Weiss KR, Watters RJ. Identification of Novel Therapeutic Targets for Metastatic Osteosarcoma. Connective Tissue Oncology Society. November 2020

**Patel V**, Martin BM, Clark KL, Alexander PG, Oesterreich S, Weiss KR, Watters, RJ. Organotypic Co-Cultures to Study Bone Metastases of Breast Cancer. Great Lakes Breast Cancer Research Symposium. Columbus, Ohio. May 2019

## NATIONAL/INTERNATIONAL PRESENTATIONS/POSTERS

### **Patnaik, Sneha**

**Patnaik S**, Stern N, Olaniyan A, Chang J. (2021, May 01). Patient Perspectives on Substance Use Disclosure During Pregnancy. Virtual poster presentation at the American College of Obstetricians and Gynecologists Annual Meeting. UA

Stern N, **Patnaik S**, Olaniyan A, Chang J. (2021, May 02). Perspectives from Pregnant Women Who Use Substances: Facilitators of Substance Use Disclosure During Pregnancy. Virtual poster presentation at the American Psychiatric Association Annual Meeting. UA

### **Picciarelli, Zachary**

**Picciarelli Z**, Stransky OM, Leech MM, Michel HK, Schwartz M, Kim SC, Gray WM, and Kazmerski TM. Exploring Reproductive Health Decision Experiences and Preferences of Women with Pediatric-Onset Inflammatory Bowel Diseases. Poster presentation at The Society for Adolescent Health and Medicine Annual Meeting. Virtual: March 10th, 2021

**Picciarelli Z**, Stransky OM, Leech MM, Michel HK, Schwartz M, Kim SC, Gray WM, and Kazmerski TM. Exploring Reproductive Health Decision Experiences and Preferences of Women with Inflammatory Bowel Diseases. Virtual poster presentation at The Crohn's & Colitis Congress. January 23rd, 2021

**Picciarelli Z**, Kidd KM, Collins A, and Kazmerski TM. Understanding Family-Planning Goals and Preferences of Young Transmasculine and Nonbinary Individuals. Poster presentation at The Society for Adolescent Health and Medicine Annual Meeting. Chicago IL: March 9, 2023

### **Pollard, Aja**

Butler S, Wiesenfeld H, Ayinon C, **Pollard A**, Kennedy J, McKune M. Vulvar and Perineal Abscesses: A Modern Reappraisal. Virtual oral presentation at the Infectious Diseases Society for Obstetrics and Gynecology (IDSOG) Annual Meeting. July 30th, 2021. DOI: <https://doi.org/10.1016/j.ajog.2021.11.1309>

### **Puyana, Jacob**

**Puyana, J.S.**, Hickey, G., Keil, S., Johnson, A., Thoma, F., Mulukutla, S., Rhinehart, Z. (2021, September 10). Timing Is Everything: Outpatient Follow-Up Between One and Two Weeks Post-Admission For Heart Failure Is Associated With The Lowest Rate Of Readmission Before 30 Days. Poster presented at the Heart Failure Society of America Annual Scientific Meeting. Denver, CO

### **Rajakumar, Vinod**

Rajakumar V, Shaikh N. Biomarkers for Febrile Urinary Tract Infection in Children. Poster presentation at the Pediatric Academic Societies Conference. Denver, CO: April 24, 2022

### **Ratnayake, Charith**

**Ratnayake C.**, Narayanan S., Gaesser J., Subramanian S. Brain and spine MRI findings in children presenting with TMCO1 mutation. Poster Presentation at the Society of Pediatric Radiology. April 2022

Sharma A., **Ratnayake C.**, Paul N., Safonova A., Altamirano V., Skeel A., Hammond M., Scott A., Kaplan L., Chou S. Effect of the COVID-19 Pandemic on ICU Ischemic and Hemorrhagic Stroke Outcomes. Neurology. April 2021. Poster presentation

**Ratnayake C.**, Hammond M., Sharma A., Rosales C., Altamirano V., Gulhan A., Molyneaux B., Gross B., Chou S. Temporal Profile of Neutrophil-to-Lymphocyte Ratio Predicts Subarachnoid Hemorrhage Outcomes. Neurology. April 2021. Poster presentation

## NATIONAL/INTERNATIONAL PRESENTATIONS/POSTERS

Safanova A., Altamirano V., Hammond M., Scott A., Sharma A., Skeel A., **Ratnayake C.**, Rosales C., Chou S. Acute Hospital Outcomes COVID-19 Associated Neurological Dysfunction. *Neurology*. April 2021. Poster presentation

### **Rivetti, David**

**Rivetti DA**, Gentile N. Self-determination, Competence, and Motivation Surrounding CHIP. Poster presentation at the American College of Lifestyle Medicine Annual Conference. Orlando FL: November 16th, 2022

**Rivetti DA**, Munsch MA, Wera JC, Nguyen DM, Fowler JR. Suture Suspensionplasty Compared to Ligament Reconstruction with Tendon Interposition for Surgical Treatment of Thumb Carpometacarpal Arthritis. Poster presentation at the American Society for Surgery of the Hand 76th Annual Meeting. San Francisco CA: September 30th, 2021

Pan D, **Rivetti DA**, Powell K, Gao T, Zhou A, Zhu T. A Student-Led Initiative to Increase Socioeconomic Diversity of the Medical School Student Body and Future Physicians. Virtual poster presented at the Society of Teachers of Family Medicine Annual Spring Conference. May 7th, 2021

Pan D, Zhu T, Ray A, Atta S, **Rivetti DA**, Gao T, Zhou A, Powell K, Chang J. Increasing Accessibility of Medical Education Opportunities on a Regional Level. Virtual poster presentation at the USC Innovations in Medical Education Online Conference. February 19th, 2021

**Rivetti DA**, Powell K, Zhou A, Zhu T, Pan D. Impacting Medical Education Through Mentorship: Unique Opportunities for Pre-medical Student Application Support. Virtual poster presented at the PAMED 2021 Competition - Top 20 Finish. February 19th, 2021

Pan D, Ray A, Balogun Z, **Rivetti D**, Zhu T. Establishing and Supporting Pipeline Pre-Medical Programs. Poster presentation at the SNMA Region 8 Regional Medical Education Conference. February 2021

Pan D, Zhou A, Powell K, Ray A, **Rivetti DA**, Gao T, Atta S, Zhu T. A Mentorship Model for Pre-Medical Students Disadvantaged in the Medical School Application Process. Virtual presentation at The Osaka Conference on Education. December 15th, 2020

### **Robinson, Mayumi**

Ernecoff, N.C., Motter, E.M., **Robinson, M.T.**, Lagnese, K., Taylor, R., Schell J.O. Evaluation of a Concurrent Hospice and Dialysis Program for Patients with End-Stage Renal Disease. Poster presentation at the American Society of Nephrology Kidney Week. Washington, DC: October 27th 2021

### **Rooney, James**

Fox MA, Hughes JD, Tublin J, **Rooney JG**, Lin A, et al. Arthroscopic Rotator Cuff Repair: Outcomes After Knotted Versus Knotless Double Row Transosseous Equivalent Repair Techniques. Poster presented at The Pennsylvania Orthopedic Society. Harrisburg, PA; 2021, July 01

Oyekan A, **Rooney JG**, Ridofli D, Dalton J, et al. Medical Optimization and Patient Selection Override Paraspinal Fat Measurement for Predicting Wound Complication. Poster presented at LSRS. Chicago, IL; 2022, April 04

### **Schad, Michael**

Richman A.H., **Schad M.D.**, Diego E.J., McAuliffe P.F., Johnson R.R., Steiman J., Keenan D.M., Lee J.S., Vargo J.A., Beriwal S. (2022, September 30). Virtual poster presentation. Dosimetric and Acute Toxicity Analysis with Hypofractionated Regional Nodal Irradiation for Breast Cancer. American Radium Society



## NATIONAL/INTERNATIONAL PRESENTATIONS/POSTERS

### **Seraly, Paul**

**Seraly P**, Rudd K, Hantrakun V, Shaikh S, Day Nick PJ, West E, Limmathurotsakul, D. Seasonal Variation of the Incidence and Profile of Community-Acquired Infection in Northeast Thailand. Poster presentation at the American Thoracic Society Conference in April 2021

### **Shaikh, Sahar**

**Shaikh S**, Rudd KE, Hantrakun V, Seraly P, Day N, West TE, Limmathurotsakul D. Acute Medical Complications of Sepsis Among Hospitalized Thai Adults with Community Acquired Infection. InTP53. TP053 Sepsis and Multiorgan Failure 2021 May (pp. A2742-A2742). American Thoracic Society

Seraly P, Rudd KE, Hantrakun V, **Shaikh S**, Day NP, West TE, Limmathurotsakul D. Seasonal Variation of the Incidence and Profile of Community-Acquired Infection in Northeast Thailand. InTP65. TP065 Environmental Exposures and Lung Disease 2021 May (pp. A3127-A3127). American Thoracic Society

### **Sharma, Rishaan**

**RR Sharma**, C Ramos Rivers, DJ Levinthal, E Szigethy, F Koutroumpakis, M Ahsan, MD, J Dueker, ER Johnston, A Barrie, JR Harrison, MB Schwartz, J Hashash, D Babichenko, G Tang, DG Binion, A Tansel. (2021, August 13). Patterns of IBS-C Medication Use in patients with IBD. Poster presentation at the American Neurogastroenterology & Motility Society Annual Meeting. Boston, MA

**RR Sharma**, C Ramos Rivers, DJ Levinthal, E Szigethy, F Koutroumpakis, M Ahsan, MD, J Dueker, ER Johnston, AM Barrie, JR Harrison, MB Schwartz, J Hashash, D Babiechenko, G Tang, DG Binion, A Tansel. (2021, August 13). Patterns of IBS-D Medication. Poster presented at the American Neurogastroenterology & Motility Society Annual Meeting. Boston, MA

### **Skiba, Justin**

**Skiba JH**. A Prospective, Single-Arm, Phase II, Multi-Center Study of Stereotactic Body Radiation Therapy for Low- and Intermediate-Risk Prostate Cancer. Poster presented at The American Society for Radiation Oncology Annual Meeting. October 25, 2021; Chicago, IL

**Skiba JH**. Outcomes and toxicity of single- and multi-fraction spine radiosurgery for three or more vertebral bodies. Virtual poster presented at The American Society for Radiation Oncology Annual Meeting. October 25, 2020

### **Skinner, Camille**

**Skinner CM**, Ragavan MI, Killough EF, Henderson C, Eichman AL, Randell KA. Expert-driven Best Practices for Reporting Child Abuse/neglect in the Context of Intimate Partner Violence. Poster presentation at the Pediatric Academic Societies. Denver, CO: April 25th, 2022

### **Spigner, Sabina**

**Spigner S.**, Kyerematen B., Kamceva M. Gisondi M. More Work, Less Reward: The Minority Tax on US Medical Students. Virtual oral presentation at the Midwest LGBTQ+ Health Symposium. Chicago, IL; September 2022

Kyerematen B., **Spigner S.**, Kamceva M. Gisondi M. More Work, Less Reward: The Minority Tax on US Medical Students. Poster presentation at the BNGAP LGBT Health Workforce Conference. NYC; April 2022

Marr M., Bruinsma T., **Spigner S.**, Rojo J., Quint M., Keyes T. Evaluating the Usefulness of a Student-led Webinar as a Platform for Improving LGBTQ+ Pre-medical Student Preparedness for Applying to Medical School. Poster presentation at the BNGAP LGBT Health Workforce Conference. NYC; April 2022

## NATIONAL/INTERNATIONAL PRESENTATIONS/POSTERS

**Spigner S.**, Mains-Mason J., Brown A., Jumreornvong O., Eckstrand K. Learning Environment and Quality of Life among Lesbian, Gay, and Bisexual Medical Students of Color. Virtual oral presentation at the Midwest LGBTQ Health Symposium. Chicago, IL – Virtual; October 2021

Sanchez N., Kennedy L., **Spigner S.**, Hartman W., Sánchez J., Callahan E. 2020 SCOTUS Ruling and LGBTQ Health Employee Implications. Virtual oral presentation at the BNGAP LGBT Health Workforce Conference. NYC; April 2021

Chung P., Swaminathan V., **Spigner S.**, Teplitsky S., Frasso R. A Qualitative Evaluation of Urinary and Sexual Symptoms in Transgender Women. Virtual oral presentation at the WPATH 26th Scientific Symposium. Hong Kong; November 2020

**Spigner S.**, Chung P., Swaminathan V., Teplitsky S., Frasso R. "I Left That Office Crying:" Perspectives and Experiences of Transgender Women on Seeking Urological Care. Virtual oral presentation at the WPATH 26th Scientific Symposium. Hong Kong; November 2020

**Spigner S.**, Chung P., Swaminathan V., Teplitsky S., Frasso R. A Qualitative Study of the Transgender Patient Experience in the Urology Setting. Virtual moderated poster session at the American Urological Association Mid Atlantic Section Annual Meeting. New Orleans, LA; October 2020

### **Stern, Natalie**

Patnaik, S., **Stern, N.**, Olaniyan, A., & Chang, J.C. Patient Perspectives on Substance Use Disclosure During Pregnancy. Poster presented at the ACOG Annual Clinical and Scientific Meeting. May 6, 2021

**Stern, N.**, Patnaik, S., Olaniyan, A., & Chang, J.C. Perspectives from Pregnant Women Who Use Substances: Facilitators of Substance Use Disclosure During Pregnancy. Poster presented at the American Psychiatric Association Annual Meeting. May 3, 2021

Eljamri, S., **Stern, N.**, Zuchelkowski, B.E., & Chang, J.C. Patient Perceptions of Pelvic Exams Under Anesthesia. Poster presented at the American College of Obstetrics and Gynecology (ACOG) Annual Conference. April 30 - May 2, 2021

Zuchelkowski, B.E., Eljamri, S., Varma, B., McDonnell, J.E., **Stern, N.**, Arora, K.S., & Chang, J.C. Medical Student Perceptions of Informed Consent for Pelvic Exams Under Anesthesia. Poster presented at the AMA Research Symposium. December 3 - December 6, 2020

### **Wilson, David**

**Wilson, D.A.**, Kim, N., Mor, M.K., Fine, M.J., & Essien, U.R. (2021, May). Abstract: Association of Homelessness and Anticoagulation Initiation in Veterans with Atrial Fibrillation: A Nationwide Study. *Circulation*, 143 (Suppl\_1), P081

### **Wollstein, Yael**

Konanur A, **Wollstein Y**, Shaffer A, McCoy J, Chi D, Jabbour N. (2021, April 07). Impact of Unilateral Hearing Loss in Pediatric Patients with Cholesteatoma. Poster presented at the American Society of Pediatric Otolaryngology Annual Meeting. Chicago, IL

**Wollstein Y**, Shaffer A, Jabbour N. (2021, April 07). Mapping Temporal Bone Thickness in Pediatric Patients with Aural Atresia. Poster presented at the American Society of Pediatric Otolaryngology Annual Meeting. Chicago, IL

## NATIONAL/INTERNATIONAL PRESENTATIONS/POSTERS

**Wollstein Y**, Watson HK, Mastella D, Ashmead D, Wollstein R. (2022, June 06). Treatment of Recalcitrant Pillar Pain with Excision of Hook of Hamate. Poster presented at the International Federation of Societies for Hand Therapy. London, GBR

### **Xiao, Amy**

**Xiao A.**, Akilov O.E., Ho J. (2022, March 24). Erythematous Patches Suspicious for Mycosis Fungoides Found to be Lichenoid Drug Eruption Secondary to Pembrolizumab. Poster presentation at the International Cutaneous Lymphoma Society. Boston, MA

**Xiao A.**, Chang L.W., English J. (2022, May 25). Acquired Perforating Dermatitis Responding to Doxycycline. Poster presentation at the Brigham and Women's Hospital Medical Student Virtual Research Symposium. Boston, MA

**Xiao A.**, Falcone L., Akilov O.E., Patton T. (2022, September 22). Unusual Large Cutaneous T Cell Lymphoma on the Back with Mediastinal Involvement. Poster presentation at the Coastal Dermatology Symposium. Charleston, SC

**Xiao, A.**, Beatty J.C., Akilov O.E., Choudhary S. (2022, March 24). Dermatofibroma-like Presentation of Primary Cutaneous Diffuse Large B-cell Lymphoma. Poster presentation at the United States Cutaneous Lymphoma Consortium Scientific Meeting: Frontiers in Cutaneous Lymphomas. Boston, MA

**Xiao A.**, Pousti B., Shi V., Romero L. (2022, June 23). Man with Widely Distributed Plaques. Oral Presentation at the UCSD Dermatology Grand Rounds. La Jolla, CA

**Xiao A.**, Akilov O.E. (2022, April 23). Pseudolymphoma of the Nipple Responding to Topical Imiquimod. Poster presentation at the Atlantic Dermatological Conference. Philadelphia, PA

### **Zaheer, Haniah**

**Zaheer HA**, Balouch B, Meehan R, Suresh S, Rahman AR, Qatanani AM, Suresh V, Kaleem SZ, McKinnon BJ. Use of Biologics for Treatment of Autoimmune Inner Ear Disease. The American Medical Association, Research Challenge, 2022

Yang K, Rahman AR, **Zaheer HA**, Kaleem SZ, Othoman S, McKinnon BJ. The Use of Mobile Devices in Oculoplastic and Oral and Maxillofacial Surgery: A Systematic Review. The American Medical Association, Research Challenge, 2021

### **Yoon, Hyunho**

**Yoon H**, Svirsky SE, Henchir J, Carlson SW, & Dixon C.E. Effects of Controlled Cortical Impact on Dendritic Arborization in Hippocampal CA1 Neurons at 4 Weeks Post-Injury. Poster presentation at the Symposium of the National Neurotrauma Society. Atlanta, GA: June 27, 2022

Svirsky SE, **Yoon H**, Henchir J, Carlson SW, & Dixon C.E. Characterization of Hippocampal Dendritic Spine Density and Morphology and GluA1 Expression 2 Weeks after Controlled Cortical Impact in Rats. Poster presentation at the Symposium of the National Neurotrauma Society. Atlanta, GA: June 27, 2022

**Zaheer HA**, Chamseddine S., Lui Hui, Williams JV, Martin JM, Rick AM. Oseltamivir Prescribing Patterns for Infants with Influenza and Factors Associated with Guideline Adherence. 2021 IDWeek San Francisco, CA

Chamseddine S, **Zaheer HA**, S., Lui Hui, Williams JV, Martin JM, Rick AM. Risk Factors for Severe Influenza Outcomes Among Infants 2011 to 2019. 2021 ID Week San Francisco, CA

## NATIONAL/INTERNATIONAL PRESENTATIONS/POSTERS

**Zaheer HA**, Wasser L, Cassidy J, Cecconi K, Waxman EL, Sahel JA, Williams AM. Factors Associated with Clinic Attendance After Referral from A Community Screening Event. *Invest. Ophthalmol. Vis. Sci.* 2023, In-press and Oral presentation

**Zaheer HA**, Sarah Atta, Owen Clinger, Peggy J. Liu, Evan J. Waxman, Dana McGinnis-Thomas, Jose Alain Sahel, Andrew Williams. Association of Patient Characteristics with Self-reported Barriers to Eye Care at a Free Community Vision Screening Event. *Invest. Ophthalmol. Vis. Sci.* 2022;63(7):2134-A0162

Zaheer MA, **Zaheer, HA**, Preciado, D., (2022, April). The Fole of Artificial Intelligence and Automation in the Detection and Management of Otitis Media. Presented at the 2022 George Washington University Research Showcase. Washington, D.C.

Rahman AJ, **Zaheer HA**, Zaheer MA, Zaheer EA, Birdsong R. Detection and Diagnosis of Retinoblastoma: Can Mobile Devices be the Next Step Toward Early Intervention? The American Medical Association, Research Challenge, 2022

### **Zalewski, Adrian**

Roy E, Egro FM, **Zalewski A**, Smith BT, Losee JE, Nguyen VT. (2020, May 28). Influence of Residency Training on Research Productivity and Plastic Surgery Career \* Canceled due to COVID-19. Poster presented at the Plastic Surgery Research Council 65th Annual Meeting. Toronto, ON, CAN

Roy E, Egro FM, **Zalewski A**, Smith BT, Losee JE, Nguyen VT. (2020, February 23). Influence of Residency Training on Research Productivity and Plastic Surgery Career. Oral presentation at the American Council of Academic Plastic Surgeons Winter Retreat. Austin, TX

### **Zhou, Amanda**

**Zhou, A.**, Oh, J.K., & Tsang, S.H. Progression of Retinitis Pigmentosa Associated with Ciliary and Non-Ciliary Genetic Etiologies. Poster presentation at the ARVO 2021 Annual Meeting: May 4, 2021

## LOCAL PRESENTATIONS/POSTERS

### **Abdallah, Hussein**

**Abdallah, HM.** (2020, February 13). Endoscopic Endonasal Resection of a Hypothalamic Pilocytic Astrocytoma: Case Report. Poster presented at the 2021 North American Skull Base Society Annual Meeting. Pittsburgh, PA

**Abdallah HM.** (2020, February 13). An Integrated Management Paradigm for Skull Base Chordoma Based on Clinical and Molecular Characteristics. Oral presentation at the NASBS 2020. Pittsburgh, PA

### **Anthony, Austin**

**Anthony AW,** Feroze M, Longo S, Drain N, Bertolini B, Urish K. Mortality in Total Knee Arthroplasty Patients with Periprosthetic Joint Infection. Deans Summer Poster Presentation 2020

### **Atta, Sarah**

Ocular Microbiology and Immunology Group, Annual Meeting 2022: Fungal Keratitis in Pittsburgh: Clinical Features, Risk Factors, Treatment, and Outcomes

### **Beiriger, Justin**

**Beiriger J.,** Zhu X., Bruce M., Irgebay Z., Smetona J., Losee J., Goldstein J. Squamosal Suture Synostosis: An Under-Recognized Phenomenon. UPMC Plastic Surgery Research Day. June, 2022. Pittsburgh, PA

Camison L., Dvoracek L., Bruce M., **Beiriger J.,** Tamber M., Bykowski M., Goldstein J., Losee J. Assessment of Long-Term Outcomes and Cranial Growth after Large Porous Polyethylene Cranioplasty in Children. UPMC Plastic Surgery Research Day. June, 2022. Pittsburgh, PA

Irgebay Z., **Beiriger J.,** Smetona J., Losee J., Goldstein J. Pediatric Facial Fractures: Demographics Injury Patterns, and Associated Injuries in 3,334 Patients. UPMC Plastic Surgery Research Day. June, 2022. Pittsburgh, PA

**Beiriger J.,** Dvoracek L., Tao W., Whitaker R., Goldstein J. Stable or Not? Machine Learning Analysis of Postoperative Results in Patients with Metopic Craniosynostosis. UPMC Plastic Surgery Research Day. June, 2022. Pittsburgh, PA

Maliha S., Bruce M., Zhang C., Mak A., **Beiriger J.,** Dvoracek L., Goldstein J. Skull Vertex Position as a Novel Craniometric Measurement to Assess Severity and Surgical Outcomes in Sagittal Craniosynostosis. UPMC Plastic Surgery Research Day. June, 2022. Pittsburgh, PA

Myers S., **Beiriger J.,** Matinrazm S., Bruce M., Raghuram A., Smetona J., Losee J., Goldstein J. The True Incidence of Marginal Mandibular Nerve Palsy Following Mandibular Distraction Osteogenesis. Plastic Surgery Research Day. June, 2022. Pittsburgh, PA

Rossmann A., Pernick S., Barton A., Reiber C., Spencer A., **Beiriger J.,** Goldstein J. Design and Optimization of Point-of-Care Maxillo-Mandibular Measurement Tool. University of Pittsburgh Mechanical Engineering Senior Technical Symposium. April, 2022. Pittsburgh, PA

Megahed M., Weinrieb H., Xu Z., Deng Y., **Beiriger J.,** Goldstein J. Design and Optimization for Spring Cranioplasty in Craniosynostosis Patients. University of Pittsburgh Mechanical Engineering Senior Technical Symposium. December, 2021. Pittsburgh, PA

**Beiriger J.,** Egro F., Roy E., Nguyen V. First Job and Promotion: Is There an Internal Bias in Academic Plastic Surgery Employment? UPMC Rita M. Patel GME Leadership Conference. February, 2020. Pittsburgh, PA

Egro, F., **Beiriger J.,** Roy E., Nguyen V. First Job and Promotion: Is There an Internal Bias in Academic Plastic Surgery Employment? Northeastern Society of Plastic Surgeons (NESPS) 36th Annual Meeting. October, 2019. Pittsburgh, PA

## LOCAL PRESENTATIONS/POSTERS

**Beiriger J.**, Dvoracek L., Thrakar D., Goldstein J.A. Validating Surgical Treatment of Mandibular Fractures with Computer-Aided Virtual Reduction. University of Pittsburgh Dean's Summer Research Program Symposium. September, 2019. Pittsburgh, PA

**Beiriger J.**, Magnetta M., Dvoracek L., Gimbel M. Improving Free Flap Breast Reconstruction Using 3D Printed Templates to Map Perforator Artery Anatomy. UPMC Department of Plastic Surgery Research Day. June, 2019. Pittsburgh, PA

**Beiriger J.**, Magnetta M., Dvoracek L., Gimbel M. Improving Free Flap Breast Reconstruction Using 3D Printed Templates to Map Perforator Artery Anatomy. UPMC Department of Surgery Research Day. May, 2019. Pittsburgh, PA

**Beiriger J.**, Magnetta M., Dvoracek L., Gimbel M. Improving Free Flap Breast Reconstruction Using 3D Printed Templates to Map Perforator Artery Anatomy. Robert H. Ivy Pennsylvania Plastic Surgery Society (RHIS) Annual Meeting. April, 2019. Pittsburgh, PA

### **Bidani, Shruti**

**Bidani, S.**, Adhikari, S., Barkat, A., Kancharla, K. (2020, September 30). Success of Conduction System Pacing and Association with Cardiomyopathy and Heart Failure Outcomes Compared to Standard Right Ventricular Pacing. Poster presentation at the Dean's Summer Research Project. Pittsburgh, PA

Vitez, S., **Bidani, S.**, Sanfilippo, J., Rios, J. (2022, May 06). Impact of Single vs Double Lumen Needle for Follicular Aspiration on IVF Outcomes, Procedural Time and Healthcare Costs. Poster presented at Magee-Women's Research Institute Day of Research. Pittsburgh, PA

### **Casillo, Stephanie**

**Casillo, S.M.**, Gatesman, T.A., Stanton, A.J., Chilukuri, A.S., Koncar, R.F., Golbourn, B.J., Halbert, M.E., Halligan, K.E., Locke, A.L., Barber, C.S., Cru, A.F., Pollack, I.F., Agnihotri, S. (2020, October 15). Elucidating the Role of Glycolytic Enzyme PFKFB3 in Diffuse Midline Glioma Pathogenesis. Poster presentation at the University of Pittsburgh School of Medicine Physician-Scientist Training Program (PSTP) Annual Symposium. Pittsburgh, PA

**Casillo, S.M.**, Koncar, R.F., Stanton, A.J., Golbourn, B.J., Locke, A.L., Agnihotri, S. (2019, October 18). Diffuse Midline Gliomas Expressing Histone H3K27M Mutation are Dependent on PFKFB3 for Proliferation and Enhanced Glycolysis. Poster presentation on the University of Pittsburgh School of Medicine Physician-Scientist Training Program (PSTP) Annual Symposium. Pittsburgh, PA

**Casillo, S.M.**, Koncar, R.F., Stanton, A.J., Agrawal, N., Agnihotri, S. (2018, October 19). Glycolytic Enzyme 6-phosphofructokinase/fructose-2,6-bisphosphatase 3 (PFKFB3) is Overexpressed and Represents a Potential Therapeutic Target in Diffuse Intrinsic Pontine Glioma. Poster presentation at the University of Pittsburgh School of Medicine Physician-Scientist Training Program (PSTP) Annual Symposium. Pittsburgh, PA

### **Cheung, Christina**

**Cheung C.**, Kernan K, Carcillo J, Fink E. Encephalopathy on Presentation with Pediatric Sepsis and Multiple Organ Dysfunction Syndrome. Oral presentation at the Dean's Summer Research Project Symposium, Pittsburgh, PA. September 30th, 2020

### **Castro, Alexander**

**Castro A.**, Ou Y, Talisa VB, Butt AA, Yende S, Mayr FB. Racial Disparities Among Veterans with COVID-19 Disease. Poster presentation at the 11th Annual Mitchell P. Fink Scholar Day, Department of Critical Care Medicine, University of Pittsburgh School of Medicine. Pittsburgh, PA, April 14th 2022

**Castro A.**, Ou Y, Yende S, Mayr FB. Racial Disparities in the Management of Sepsis. Poster presentation at the Dean's Summer Research Program Poster Symposium. Pittsburgh, PA, September 28th 2020

## LOCAL PRESENTATIONS/POSTERS

### **Duehr, James**

**Duehr J**, Sandlesh P, Jaman E, Allen J, Rao A, Zhang, X, Amankulor N. (2020, September 30). Oncolytic Virotherapy in IDH-Mutant Gliomas. Poster presented at the Dean's Summer Research Program Symposium. Pittsburgh, PA

### **Eibel, Adam**

**Eibel A**, Very B, Thoma F, Sezer A, Hickey G. Trends in PA Catheter Utilization for Cardiogenic Shock Across A Large Hospital System. Poster presentation at the University of Pittsburgh Department of Medicine Research Day. Pittsburgh, PA: April 25th, 2023

**Eibel A**, Hughes JD, Smith C, Popchak A, Lesniak B, Lin A. Comparing Outcomes of Rotator Cuff Repair Following Acute Tendon Ruptures and Concurrent Shoulder Dislocations Vs Acute Tendon Ruptures Without Shoulder Dislocation. Poster presentation at the University of Pittsburgh Dean's Summer Research Symposium. Pittsburgh PA: September 30th, 2020

### **Espinal, Alexis**

**Espinal, A.M.**, Epperly, M.W., Mukherjee, A., Shields, D., Hou, W., Fisher, R., van Pijkeren, J., Patel, R., Islam, N., & Greenberger, J.S. Biological Effects of Abdominal Irradiation on Intestinal Barrier Breakdown and Immune Modulation Identified by Second-generation Probiotic, LR-IL-22. Poster presented at the DSRP Poster Symposium. University of Pittsburgh School of Medicine. Pittsburgh, PA. September 30, 2020

### **Evankovich, Maria**

**Evankovich, M.R.**, Kocher, M., Yilmaz, S., Visoiu, M. Utility of Peripheral Nerve Blocks in Pediatric Patients Undergoing Embolization Therapy for Vascular Malformations. Poster presentation at the 2022 Safar Symposium Trainees' Research Day. Pittsburgh, PA. May 26th, 2022

**Evankovich, M.R.**, Kocher, M., Yilmaz, S., Visoiu, M. Feasibility of Nerve Blocks in Patients Undergoing Embolization Therapy for Vascular Malformations. Poster presentation at the 2022 AMA Research Challenge. Pittsburgh, PA. October 20th, 2022

### **Finger, Logan**

Definition of Constitutive and Stage-Enriched Promoters in the Rodent Malaria Parasite, Plasmodium yoelii. Presented at the University of Pittsburgh School of Medicine Dean's Summer Research Symposium 2020

### **Gao, Timothy**

**Gao T**, Ibinson JW, Vogt K. fMRI Imaging Changes Seen with the Application of Auriculotherapy for Chronic Pain. Poster presented at the SAFAR Symposium. Pittsburgh, PA: May 26th, 2022

### **Georgiadis, Rebecca**

**Georgiadis R**, Macedo J, Rosen D. Medication-Assisted Treatment (MAT) For Opioid Use Disorder During COVID-19: To Tele-MAT. Poster presented at the University of Pittsburgh School of Medicine Dean's Summer Research Program 2020 Summer Research Symposium and Poster Session; 2020 September 30; Pittsburgh, PA

### **Gramm, Erin**

**Gramm E.R.**, Salcido D.D., Koller A., & Menegazzi J. (2020, July 28). Differences in OHCA Resuscitation of Males and Females. Poster presented at the Summer Research Immersion Poster Session. Pittsburgh, PA

**Gramm E.R.**, Salcido D.D., Koller A., & Menegazzi J. (2020, September 30). Differences in Out-of-Hospital Cardiac Arrest (OHCA) Resuscitation of Males and Females. Poster presented at the Dean's Summer Research Program Poster Symposium. Pittsburgh, PA

### **Hafeez, Neha**

**Hafeez N**, Kirillova A, Alaaraj Y, et al. SNP rs9277336 Controls the ACTN4-HLA-DPA1 Axis and Pulmonary Endothelial Pathophenotypes in Pulmonary Arterial Hypertension. Poster presentation at the American Heart Association 2022 Fellows Day. Pittsburgh, PA: May 16, 2022

## LOCAL PRESENTATIONS/POSTERS

**Hafeez N**, Kirillova A, Jiang, D, et al. ACTN4 Regulates HLA-DPA1-Related Pulmonary Endothelial Pathophenotypes in Pulmonary Arterial Hypertension via Allele-Specific Binding to Functional SNP rs9277336. Poster presentation at the PSTP Annual Retreat. Pittsburgh, PA: November 2, 2021

**Hafeez N**, Sun W, Li G, Chan SY. HLA-DPA1-Related SNP rs9277336 Confers Increased Risk of Developing Pulmonary Hypertension via Altered Binding of Transcription Factor ACTN4. Poster presentation at the PSTP Annual Retreat. Pittsburgh, PA: October 15, 2020

**Hafeez N**, Brisbin A. Pitt Med Student Mentorship Alliance (PMSMA): Facilitating Mentorship in Undergraduate Education. Poster presentation at the Medical Education Day, University of Pittsburgh Medical Center. Pittsburgh, PA: September 18, 2020

**Hafeez N**, Carew NT, McNamara DM, Straub AC. Cytochrome B5 Reductase Reduced Function Variant Confers Accelerated Heart Failure. Poster presentation at the PSTP Annual Retreat. Pittsburgh, PA: October 18, 2019

**Hafeez N**, Woodcock JCS, Chan SY. YAP/TAZ-Dependent Mechanical Activation of STAR Family Protein Quaking Promotes Endothelial Pathophenotypes Relevant to Pulmonary Hypertension. Poster presentation at the PSTP Annual Retreat. Pittsburgh, PA: October 19, 2018

### **Harley, Randall**

**Randall J. Harley**, Mohamad Issa, Kareem Al-Mulki, Esther X. Vivas and Candace E. Hobson. Initial Otologic Presentation of Undiagnosed of Granulomatosis with Polyangiitis. Virtual oral presentation at the 2021 University of Pittsburgh Alumni Scientific Program, October 2021

**Randall J. Harley**, Tammy Pham, Farhoud Faraji, Kareem Tawfik, Rick Friedman. Stratifying Patient Outcomes for Head and Neck Paragangliomas. Poster presentation at the DSRP Summer Research Symposium and Poster Session, University of Pittsburgh, Pittsburgh, Pennsylvania, September 2019

### **Hay, Jordan**

Hay, J. Observing Nudging's Impact on Urologist's Antibiotic Prophylaxis Patterns. Virtual poster presentation at the DSRP Research Poster Symposium, University of Pittsburgh School of Medicine. September 28, 2020

### **Heres, Caroline**

Opioid Use after Laparoscopic Surgery for Endometriosis and Chronic Pelvic Pain Patients. Poster presentation at the University of Pittsburgh School of Medicine Dean's Research Symposium. September 28th, 2020

Permanent Sterilization. Acting Internship Gynecological Surgery. Educational Lecture. Poster presentation at the UPMC Magee Women's Hospital. July 2022

### **Hildreth, Briana**

**Hildreth, B.A.**, Nicholas, A., Petty, K., Grosse, P., Lim, G. (2022, May 26). Venovenous Extracorporeal Membrane Oxygenation Treatment Parameter Differences in Obstetric Patients. Poster presentation at the Safar Symposium

**Hildreth, B.A.**, Martucci, G., Arcadipane, A., & Guyette, F. (2020, September 30). Transport of Patients by a Mobile ECMO Team: An 11-Year Experience in a Mediterranean Underserved Area. Poster presentation at the Dean's Summer Research Program Symposium

### **Hyzny, Eric**

Chan, E; Deitz, R; Hyzny E; Coster, J; Ryan, J; Furukawa, M; Sanchez, P. (2022, April 24). Morbidity and Mortality Associated with Ischemic Bowel Requiring Surgical Resection Following Lung Transplantation. Poster presentation at the Association of VA Surgeons Annual Meeting. Pittsburgh, PA

**Hyzny E.**, Doyon G., Dennis B. (2017, August 21). Oral presentation at the Endothelial Cell Telomerase Function in PAH. AHA Symposium. Pittsburgh, PA



## LOCAL PRESENTATIONS/POSTERS

**Hyzny E., Doyon G., Goncharova E., Dennis B.** (2018, January 21). Endothelial Cell Telomerase Promotes Aberrant Cell Proliferation in PAH. Oral presentation at the AHA Fellows Day. Pittsburgh, PA

### **Jain, Naveen**

**Jain, N., Lehrer, H.M., Evans, M., Buysse, D., & Hall, M.** Changes in Heart Rate and High-Frequency Heart Rate Variability Following Sleep Deprivation in Retired Night Shift Workers and Retired Day Workers. Poster presentation at the University of Pittsburgh Dean's Summer Research Symposium. Pittsburgh PA: September 30, 2020

Jain, N., Lehrer, H.M., Evans, M., Buysse, D., Hall, M. Changes in Heart Rate and High-Frequency Heart Rate Variability Following Sleep Deprivation in Retired Night Shift Workers and Retired Day Workers. Oral and poster presentation at the Sleep and Circadian Science Research Fair. Pittsburgh PA: November 4, 2021

### **Johnson, Solomon**

**Johnson S, Gordeuk V, Roberto Machado R, Gibbs JS, Hildesheim M, Little JA, Kato G, Gladwin MT, Nourai M.** Exercise-induced Changes of Vital Signs in Adults with Sickle Cell Disease. 2020 Poster presentation at the Dean's Summer Research Project Symposium University of Pittsburgh School of Medicine

### **Lee, Phoebe**

**Lee PL, Loder SJ, Marra K, Rubin JP, Kokai L.** Novel Surgical Epibole Model for Humanization of Chronic Wound Healing in Mice. Oral presentation at the UPMC Plastic Surgery Resident Research Day. Pittsburgh, PA. June 25, 2021

### **Longo, Sadie**

Drain, N.P., Bertolini, D.M., Anthony, A.W., Feroze, M.W., Chao, R., **Longo, S.E.**, Shah, N.B., Urish, K.L. (2022, August 06). High Mortality After Revision TKA for PJI is Related to Preoperative Morbidity and the Disease Process but Not Treatment. Oral presentation at the Musculoskeletal Infection Society 32ND Annual Open Scientific Meeting. Pittsburgh, PA

### **McDermott, Anne**

**McDermott A, Kim N, Mor MK, Fine MJ, & Essien UR.** Neighborhood Disadvantage and Oral Anticoagulation Use in Patients with Atrial Fibrillation. Poster presentation at the Dean's Summer Research Program Virtual Poster Symposium. Pittsburgh, PA: September 30, 2020

### **Muenzer, Maya**

**Muenzer, M., Houtrow, A.** Child and Familial Factors Associated with Physical Activity Guidance Compliance Among Children with Specific Body Function Impairments and the Impact of the COVID-19 Pandemic on Physical Activity Participation. Poster presentation at the UPMC Rehabilitation Institute Annual Rehab Research Day. June 2022. Pittsburgh, PA. Best Medical Student Poster

**Muenzer, M., Vo, N., Koscumb, S., Venkatakrishnan, K., Marroquin, O., McKernan, G., Sowa, G.** Descriptive Analysis of the Metformin Effect on Low Back Pain. Oral presentation at the UPMC Rehabilitation Institute Annual Rehab Research Day. June 2020. Pittsburgh, PA. Best Medical Student Abstract

### **Milne (O'Leary), Emma**

**O'Leary, EI.** Light-induced Aggregation of Human Tau Isoforms in HEK 293 Cells. Poster presentation at the University of Pittsburgh, Carnegie Mellon MSTP Annual Retreat. Pittsburgh PA: 2019

**O'Leary, EI.** Probing Regulation of dVGLUT Expression in Dopaminergic Neurons of *Drosophila Melanogaster*. Poster presentation at the University of Pittsburgh, Carnegie Mellon MSTP Annual Retreat. Pittsburgh PA: 2018

### **Murali, Anjana**

Sojati J, **Murali A**, Pressimone CA, Levochkina M, Griffith K, Fan E, Dakroub A. Community perceptions of flu and COVID-19 vaccines at the Turtle Creek Primary Care Center. Virtual poster presentation at the Department of Medicine Research Day. Pittsburgh, PA 04/26/2022

## LOCAL PRESENTATIONS/POSTERS

**Murali A**, Xie B, Vandevender A, Gil Silva AA, Bello FM, Sipula I, Dedousis N, Alder J, Jurczak MJ. Hepatocyte Gdf15 Is Sufficient for Increased Plasma GDF15 Levels and Body Weight Constraint during High-Fat–Diet Feeding and Restores Insulin Sensitivity in a Liver-Specific Manner. Virtual poster presentation at the Department of Medicine Research Day. Pittsburgh, PA 04/26/2022

**Murali, A.**, Pressimone C, Merriam S, McNeil M. MyScope: A Creative Exploration of Imposter Syndrome at Pitt Med. Humanities in Health Conference. Pittsburgh, PA (virtual conference) 04/09/2021

**Murali, A.**, Edmunds, L., Xie, B., Mills, A., Chen, B., Liu, Y., Jurczak, MJ. Fbxo48 regulates AMPK activity to influence Non-Alcoholic Steatohepatitis (NASH) pathogenesis. Virtual poster presentation at the Department of Medicine Research Day. Pittsburgh, PA. 4/27/2021

**Murali, A.**, Pressimone C, Merriam S, McNeil M. MyScope: A Creative Exploration of Imposter Syndrome at Pitt Med. Virtual poster presentation at the SOM Academy of Master Educators MedEd Day. Pittsburgh, PA. 9/18/2020.

**Murali, A.**, Edmunds, L., Xie, B., Mills, A., Chen, B., Liu, Y., Jurczak, MJ. Fbxo48 Regulates AMPK Activity to Influence Non-Alcoholic Steatohepatitis (NASH) Pathogenesis. Poster presentation at the Society of General Internal Medicine Mid-Atlantic Conference. Pittsburgh, PA. 11/15/2019

**Murali A**, Sojati J, Williams J. Don't Throw Away Your Shot: Exploring the Need for Formal Vaccine Education at Pitt Med. Poster presentation at the Medical-Education Research Day. Pittsburgh, PA 09/16/2022

Roy E, **Murali A**, Bober T, Sprague B. Real Time Feedback Guides Patient-physician Interactions. Virtual poster presentation at the Department of Medicine Research Day. Pittsburgh, PA 04/26/2022

### **Omar, Mahmoud**

**Omar, M.**, McCoy, J.L., Chi, D.H. (2020, September 30). Repeat Tympanostomy Tubes in Children with Down syndrome. Poster presentation at the University of Pittsburgh School of Medicine Dean's Summer Research Program Symposium. Pittsburgh, PA

### **Opitz, Samatha**

**Opitz SE**, Okerman TS, Smida TT. Heart Rate Variability: An introduction to the Field and Preliminary Results from EMS Shift Workers in Pittsburgh. Oral presentation at the University of Pittsburgh, Department of Emergency Medicine's Department of Clinical Research Monthly Meeting. Pittsburgh PA: September 24th, 2020

### **Osigwe, Chinweoke**

**Osigwe, CC**, Merchant, RC. (2019, August 19). Development of Screening Tool for HIV PrEP Eligibility in the Emergency Department. Poster presented at the University of Pittsburgh School of Medicine Dean's Summer Research Symposium. Pittsburgh, PA

**Osigwe, CC**, Merchant, RC. (2019, November 15). Development of Screening Tool for HIV PrEP Eligibility in the Emergency Department. Poster presented at the Society of General Internal Medicine Mid-Atlantic Regional Conference. Pittsburgh, PA

**Osigwe, CC**, Weiss, L, Salcido, DD. (2021, March 09). Help Thy Neighbor: Improving Personal Emergency Medical Responsiveness and Advocacy in Underserved Communities in Allegheny County. Poster presented at the Association for Prevention Teaching and Research. Pittsburgh, PA

### **Palmieri, Daniel**

**Palmieri D**, Champagne PO, Rupert K, Valappil BV, Byers KE, Gardner PA, Snyderman CH. Risk Factors for Postoperative Intracranial Infections during Endoscopic Endonasal Skull Base Surgery and The Role of Antibiotic Prophylaxis. Poster presentation at the Dean's Summer Research Project Poster Symposium. Pittsburgh. September 30, 2020

## LOCAL PRESENTATIONS/POSTERS

### **Pressimone, Catherine**

**Pressimone CA**, Atiya HI, Frisbie L, Coffman LG. UPSOM Physician-Scientist Training Program Annual Retreat 2019, Pittsburgh, Pennsylvania. Mitochondrial Transfer in the Ovarian Tumor Microenvironment Contributes to Tumor Stem-like Phenotypes

**Pressimone CA**, Frisbie L, Atiya HI, Coffman LG. Carcinoma-associated Mesenchymal Stem Cells Donate Mitochondria to Ovarian Cancer Tumor Cells. Virtual poster presentation at the American Association of Cancer Researchers Annual Meeting 2020

**Pressimone CA**, Frisbie L, Atiya HI, Coffman LG. Carcinoma-associated Mesenchymal Stem Cells Donate Mitochondria to Ovarian Cancer Tumor Cells. Women's Cancer Research Center weekly seminar, December 2020, Pittsburgh, PA

**Pressimone CA**, Atiya HI, Frisbie L, Coffman LG. Carcinoma-associated Mesenchymal Stem Cells Donate Mitochondria to Ovarian Cancer Tumor Cells. UPSOM Physician-Scientist Training Program Annual Retreat 2020, Pittsburgh, PA

**Pressimone CA**, Atiya HI, Frisbie L, Coffman LG. Carcinoma-Associated Mesenchymal Stem Cells Donate Mitochondria to Ovarian Tumor Cells and Enhance Tumorigenic Phenotypes. UPSOM Physician-Scientist Training Program Annual Retreat 2021, Pittsburgh, PA

### **Ripple, Katelyn**

**Ripple K.M.**, & Roberts J.M. Risk Factors for Preeclampsia Before and After 37 Weeks' Gestation, 2020 DSRP Summer Research Symposium. Pittsburgh, PA

### **Rivetti, David**

**Rivetti DA**, Fowler JR. Evaluation of Suture Suspension Compared to Ligament Reconstruction with Tendon Interposition for Surgical Treatment of Thumb Carpometacarpal Arthritis. Poster presentation at the University of Pittsburgh DSRP Symposium. Pittsburgh PA, September 30th, 2020

### **Robinson, Mayumi**

Ernecoff, N.C., Motter, E.M., **Robinson, M.T.**, Lagnese, K., Taylor, R., Schell J.O. Evaluation of a Concurrent Hospice and Dialysis Program for Patients with End-Stage Renal Disease. Poster presentation at the University of Pittsburgh Dean's Summer Research Symposium. Pittsburgh, PA, September 30th 2020

Ernecoff, N.C., Motter, E.M., **Robinson, M.T.**, Lagnese, K., Taylor, R., Schell J.O. Perspectives of Caregivers and Clinicians on a Concurrent Hospice and Dialysis Program. Poster presentation at the University of Pittsburgh Dept. of Medicine Research Day. Pittsburgh, PA, April 26th 2022

Ernecoff, N.C., **Robinson, M.T.**, Motter, E.M., Bursic, A., Lagnese, K., Taylor, R., Lupu, D., Schell J.O. Description and Outcomes of an Innovative Concurrent Hospice and Dialysis Program. Poster presentation at the Palliative Care Research Institute Annual Conference. Pittsburgh, PA, October 13th 2022

### **Rooney, James**

**Rooney JG**, Maher P, Klatt B. Girdlestone Arthroplasty for Treatment of Hip Pathology in Difficult Hosts: A Large Retrospective Case Series. Oral presentation at the Dean's Summer Research Presentations. Pittsburgh, PA; 2020, September 17

Oyekan A, Dalton J, **Rooney JG**, Lee JY, Shaw JG, et al. Increased Surgical Site Subcutaneous Fat Thickness is Associated with Infection After Lumbar Laminectomy with Instrumented Fusion. Poster presentation at the MusculoSkeletal Infection Society. Pittsburgh, PA; 2022, August 05

Oyekan A, Chen SR, **Rooney JG**, Bhogal S, et al. Predicting Head Position Change in Long-term Radiographic Assessment of Occipitocervical Fusion: Age Is Key. Poster presentation at CSRS. Pittsburgh, PA; 2022, November 01

## LOCAL PRESENTATIONS/POSTERS

### **Seraly, Paul**

Brotherton BJ, Oundoh LN, Abado J, Thairu BW, Osoo MO, **Seraly P**, Nwachuku E, Mutiso B, Shutter L, Akinyi B, Rudd K. Assessing the Incidence, Management, and Outcomes of Traumatic Brain Injury in a Resource-constrained Setting. University of Pittsburgh Department of Critical Care Medicine Fink Scholar Day in March 2022

**Seraly P**, Rudd K. Seasonal Variation of the Incidence and Profile of Community-Acquired Infection in Northeast Thailand. Poster presentation at the University of Pittsburgh School of Medicine's annual Dean's Summer Research Program Symposium in September 2020

### **Sharma, Rishaan**

**RR Sharma**, C Ramos Rivers, DJ Levinthal, E Szigethy, F Koutroumpakis, M Ahsan, MD, J Dueker, ER Johnston, AM Barrie, JR Harrison, MB Schwartz, J Hashash, D Babiechenko, G Tang, DG Binion, A Tanse. (2021, April 27). Patterns of IBS-D Medication Use in patients with IBD. Poster presented at the UPMC Department of Medicine Research Symposium. Pittsburgh, PA

### **Skiba, Justin**

**Skiba JH**. Expressive Suppression and Anxiety in Children with Parental Cancer. Poster presented at The Pittsburgh Psychiatry Research Half Day and Research Resources Revue. October 5th, 2021; Pittsburgh, PA

**Skiba JH**. The Effects of Cancer Related Factors in Cancer Patients on their Children's Anxiety and Emotion Expression Suppression. Poster presented at The Deans Summer Research Program Poster Symposium. September 30th, 2020

### **Spigner, Sabina**

**Spigner S**. LGBTQ+ Abortion Access: What We Know & What We Don't. Oral presentation at the UPMC Family Planning Dept. Sub-Internship. Pittsburgh, PA, July 2022

**Spigner S.**, Krajewski C. Quality Improvement of UPMC OB/GYN Experiences for Transgender Patients. Virtual poster presented at the Dean's Summer Research Poster Symposium. Pittsburgh, PA; September 2020

**Spigner S**. Curricular Innovations Implemented in Medical Schools to Improve Health Care for Sexual and Gender Minority Individuals. Virtual poster presentation at the 2020 Med Ed Day Conference. Pittsburgh, PA, September 2020

**Spigner S.**, Lim S., Kinsky S., Krajewski C., LaVallee D., Eckstrand K. Characterizing Transgender Concierge Utilization within a Large Healthcare System. Poster presentation at the UPMC Western Behavioral Health Quality Fair. Pittsburgh, PA, November 2021

### **Stern, Natalie**

**Stern, N.**, Eljamri, S., & Chang J.C. Pelvic Exams Under Anesthesia: Patient Perspectives. Oral presentation at the UPMC Internal Medicine & Women's Health Weekly Seminar. May 2022

**Stern, N.**, Patnaik S., & Chang J.C. Pregnant Patients' Perspectives on Barriers and Facilitators of Substance Use Disclosure. Oral presentation at the UPMC Internal Medicine & Women's Health Weekly Seminar. June 2021

**Stern, N.**, Patnaik, S., Olaniyan, A., & Chang, J.C. Perspectives from Pregnant Women Who Use Substances: Facilitators of Substance Use Disclosure at the First Obstetric Visit. Poster presented at the University of Pittsburgh School of Medicine Dean's Summer Research Project Poster Symposium. September 30, 2020

Zuchelkowski, B.E., Eljamri, S., Varma, B., McDonnell, J.E., **Stern, N.**, Arora, K.S., & Chang, J. Medical Student Perceptions of Informed Consent for Pelvic Exams Under Anesthesia. Poster presented at the Medical Education Day, University of Pittsburgh School of Medicine. Sept 18, 2020

## LOCAL PRESENTATIONS/POSTERS

### **Wilson, David**

**Wilson, D.A.** (2021, May 21). Association of Homelessness and Anticoagulation Initiation in Veterans with Atrial Fibrillation: A Nationwide Study. Virtual poster presented at the American Heart Association - Epidemiology and Prevention - Lifestyle. PA

**Wilson, D.A.** (2021, April 27). Association of Homelessness and Anticoagulation Initiation in Veterans with Atrial Fibrillation: A Nationwide Study. Poster presented at the UPMC Department of Medicine Research Day. Pittsburgh, PA

### **Wollstein, Yael**

Konanur A, **Wollstein Y**, Shaffer A, McCoy J, Chi D, Jabbour N. (2021, March 24). Impact of Unilateral Hearing Loss in Pediatric Patients with Cholesteatoma. Poster presented at the UPMC Otolaryngology Grand Rounds. Pittsburgh, PA

**Wollstein Y**, Shaffer A, Jabbour N. (2020, September 30). Assessing Operable Regions of Temporal Bone in Pediatric Patients with Aural Atresia. Poster presented at the University of Pittsburgh School of Medicine Dean's Research Symposium. Pittsburgh, PA

**Wollstein Y**, Shaffer A, Jabbour N. (2021, March 24). Mapping Temporal Bone Thickness in Pediatric Patients with Aural Atresia. Poster presented at the UPMC Otolaryngology Grand Rounds. Pittsburgh, PA

### **Xiao, Amy**

**Xiao A.**, Coppler P.J., Callaway C.W. (2020, September 30). Long-term Outcomes of Post-cardiac Arrest Patients with Severe Neurological and Functional Impairments at Hospital Discharge. Poster presentation at the Dean's Summer Research Symposium. Pittsburgh, PA

**Xiao A.**, Callaway C.W., Coppler P.J. (2021, November 13). Long-Term Outcomes in Post-Cardiac Arrest PaLents with Severe Functional Disability at Hospital Discharge. Oral presentation at the American Heart Association Scientific Sessions 2021. Pittsburgh, PA

### **Zalewski, Adrian**

Roy E, Egro FM, **Zalewski A**, Smith BT, Losee JE, Nguyen VT. (2019, September 20). Influence of Residency Training on Research Productivity and Plastic Surgery Career. Poster presented at the University of Pittsburgh School of Medicine 4th Annual Medical Education Day. Pittsburgh, PA

Roy E, Egro FM, **Zalewski A**, Smith BT, Losee JE, Nguyen VT. (2020, June 26). Influence of Residency Training on Research Productivity and Plastic Surgery Career. Oral poster presentation at the 17th Annual University of Pittsburgh Department of Plastic Surgery Research Day. Pittsburgh, PA

### **Zelenkov, Nenad**

Alterations in Platelet Bioenergetics in Parkinson's Patients. Presented at DSRP Poster Symposium, Virtual at the University of Pittsburgh School of Medicine. Pittsburgh, PA, September, 2020

### **Zhou, Amanda**

**Zhou, A.**, Oh, J.K., & Tsang, S.H. Progression of Retinitis Pigmentosa Associated with Ciliary and Non-Ciliary Genetic Etiologies. Poster presentation at the Dean Summer Research Program Poster Symposium. Pittsburgh, PA, September 30, 2020

## NATIONAL AND STATE AWARDS

### **Abdallah, Hussein**

2023 3rd place for Best Poster, North American Skull Base Society Annual Meeting  
2021 Best Basic Science Abstract, North American Skull Base Society Annual Meeting

### **Anderson, Nathan**

2020 Best Poster Award, American Academy of Pain Medicine Annual Meeting, National Harbor, MD  
2020 Innovative Methods in Pathogenesis and Child Treatment (IMPACT) pre-doctoral fellow

### **Apfelbaum, Hannah**

2018 IMPACT Pre-Doctoral Scholar Summer T35 Award

### **Atta, Sarah**

2021 Knights Templar Eye Foundation Travel Award. Association for Research in Vision and Ophthalmology

### **Beiriger, Justin**

Plastic Surgery Foundation (PSF) National Endowment for Plastic Surgery Grant Award  
Bernard G. Sarnat, MD, Excellence in Grant Writing Award  
2022 Annual Meeting, Best Overall Paper, Ohio Valley Society of Plastic Surgeons  
2022 Annual Meeting, Second Place Clinical Paper, Ohio Valley Society of Plastic Surgeons  
2022 Annual Meeting, First Place Clinical Paper, Ivy Society of Plastic Surgeons

### **Casillo, Stephanie**

The Neurosurgery Research and Education Foundation (NREF) Medical Student Summer Research Fellowship

### **Castro, Alexander**

2021 American Thoracic Society Minority Trainee Development Scholarship

### **Clarke, Alison**

2020 Cystic Fibrosis Foundation Research Grant

### **Dai, Yancheng**

2021 Next Generation Student Mentor Program, Vascular & Endovascular Surgery Society  
2021 Society for Vascular Surgery (SVS) Foundation Student Research Fellowship  
2022 Trainee Travel Scholarship, Eastern Vascular Society

### **Eleazu, Rachel**

National Institute of Mental Health, Innovative Methods in Pathogenesis and Child Treatment Fellow Award  
Student National Medical Association, Future Researcher in Medicine Fellow Award

### **Espinal, Alexis**

2020 National Institute of Health T-35 Training Grant sponsored by the NIDDK

### **Glanzman, Jason**

2021 Young Investigator Award: Best graduate student abstracts at WORLD Symposium lysosomal disorders conference

### **Gray, Zane**

2020 NHLBI T35 Grant  
2023 GPSG Travel Grant

## NATIONAL AND STATE AWARDS

### **Hafeez, Neha**

Young Investigator Award in Basic & Translational Sciences. 1st place Winner - American College of Cardiology 2022 Annual Conference

Student Scholarship in Cardiovascular Disease - American Heart Association Scholarship

### **Harley, Randall**

2023 Triological Society Travel Award

2022 American Academy of Otolaryngology Travel Grant

2022 American Neurotology Society Diversity and Inclusion Under- represented in Medicine Travel Scholarship

2022 Triological Society Travel Award

### **Johnson, Solomon**

2021 ASH Abstract Achievement Award 2020. 62nd ASH Annual Meeting and Exposition. American Society of Hematology

2021 ASH HONORS Award. Hematology Opportunities for the Next Generation of Research Scientists. American Society of Hematology

2020 NIH T35 Hematology Oncology

### **Lamb, Jordan**

2022 Travel Fellowship Award, Society for Investigative Dermatology

2022 David Satcher Clerkship, University Hospitals Cleveland Medical Center

2022 Semifinalist, Annual Convention and Scientific Assembly, National Medical Association Dermatology Section

### **McDermott, Anne**

2020 Best Oral Abstract Presentation, Society for General Internal Medicine Mid-Atlantic Regional Meeting

### **Murali, Anjana**

2022 TYLENOL Future Care Scholarship

2021 PD Soros finalist

2020 T32 Grant Awardee

2020 Civic Engagement Grant Awardee

### **Muthiah, Nallammai**

2023 Invited speaker: International Neuromodulation Society on closed loop vagus nerve stimulation

2022 Charles Kuntz Award Recipient for abstract submitted at Spine Summit

2022 Ozpinar A, Muthiah N, Alan N, Agarwal N, Hamilton DK, Okonkwo DO, Kanter AS. Durability in symptomatic and radiographic outcomes in ADS patients who were planned for a two-staged scoliosis correction: A case for standalone anterolateral MIS fusion using porous titanium interbodies

2021 Association of Women Surgeons Mentorship Coordinator

Invited panelist for University of Pittsburgh School of Medicine event on mentorship and year-off opportunities

2021 NASBS Best Basic Science Abstract

2021 Abdallah H, Gersey Z, Muthiah N, Wang EW, Snyderman C, Gardner PA, Zenonos G. An integrated management paradigm for skull base chordoma based on clinical and molecular characteristics

2017 Kappa Omicron Nu: Honor Society Cornell University

2015-2016 Presidential Volunteer Service Award Silver, Stony Brook University Hospital

### **Nguyen, Breanna**

2021 Society of Investigative Dermatology Presenter Grant

2020 Melanoma Research Foundation Medical Student Grant

### **Osigwe, Chinweoke**

2020 The Paul Ambrose Scholars Program

## NATIONAL AND STATE AWARDS

**Palmieri, Daniel**

2020 NIH/NIDDK Medical Student Research Program in Diabetes Fellowship

**Patel, Vaidehi**

Foundation For Women's Wellness Fellowship Semifinalist

**Patnaik, Sneha**

2022 Kaiser Permanente Medical Student Scholarship

2021 Albert Schweitzer Fellowship

**Robinson, Mayumi**

2019 NIH T35 Training Grant Summer Program Award

**Schwalbe, Marie**

2019 T35 grant in Hematology/Oncology for Dean's Summer Research Program award

**Zaheer, Haniah**

2022 American Medical Association Research Challenge: Semi-finalist



## LOCAL AWARDS

**Abdallah, Hussein**

2020 Ragni T35 Dean's Summer Research Program Award

**Anderson, Nathan**

2021 Roth Fellowship Award

2020 IMPACT Dean's Summer Research Program Award

**Anthony, Austin**

2020 Dean's Summer Research Program Award

**Atta, Sarah**

2020 Dean's Summer Research Program Award

2022 Graduate and Professional Student Government Travel Grant. University of Pittsburgh

**Ayinson, Caroline**

2020 Dean's Summer Research Program Award

**Beiriger, Justin**

Clinical Scientist Training Program Research Fellow

2022 Best Clinical Research Presentation, UPMC Department of Plastic Surgery Research Day

2022 Swanson Engineering Design Expo 2nd Place in Mechanical Engineering

2021 Swanson Engineering Design Expo Best Overall Project

2021 Swanson Engineering Design Expo Best Project in Mechanical Engineering

**Bidani, Shruti**

2020 Dean's Summer Research Program Award

**Binko, Mary**

2020 Dean's Summer Research Program Award

**Casillo, Stephanie**

Physician Scientist Training Program Scholarship

**Castro, Alexander**

2020 Dean's Summer Research Program Award

**Chandra, Ashay**

2020 Dean's Summer Research Program Award

**Chen, Joseph**

2020 Dean's Summer Research Program Award

**Cheung, Christina**

2020 Dean's Summer Research Program Award

**Cifuentes, Elizabeth**

2020 Dean's Summer Research Program Merit Award

**Clarke, Alison**

2020 Dean's Summer Research Program Award

## LOCAL AWARDS

**Connolly, Brendan**

2020 Dean's Summer Research Program Award

**Cuevas, Amelia**

2022 Academy of Master Educators Med Ed Day Best Poster Award – Pre-doctoral Student Category

**Cuevas Villagomez, Alan**

2020 Dean's Summer Research Program Award

**D'Alesio, Michael**

Frances and Sully Nesta Italian National Room Scholarship

2020 Dean's Summer Research Program Award

**Dai, Yancheng**

2020 Dean's Summer Research Program Award

**Deirmenjian, Christina**

2021 Roth Fellowship Award

2019 IMPACT Pre-doctoral fellowship award for medical students

**Dilip, Mridula**

2020 Ragni T35 Dean's Summer Research Program Award

**Duehr, James**

2020 Dean's Summer Research Program Award

**Eibel, Adam**

2020 Dean's Summer Research Program Award

**Eleazu, Rachel**

University of Pittsburgh School of Medicine, Social Medicine Fellow Award

University of Pittsburgh, Career Education and Enhancement for Health Care Diversity Fellow

2021 Roth Fellowship Award

2020 IMPACT Dean's Summer Research Program Award

**Erpenbeck, Sarah**

2020 Dean's Summer Research Program Award

**Espinal, Alexis**

2020 Kleyman T35 Dean's Summer Research Program Award

**Evankovich, Maria**

2020 Dean's Summer Research Program Award

MAA Alumni Association Scholarship

**Espinal, Alexis**

2020 University of Pittsburgh Dean's Summer Research Symposium Certificate of Merit Distinction

**Fenner, Maxine**

2020 Dean's Summer Research Program Award

## LOCAL AWARDS

**Finger, Logan**

2020 Dean's Summer Research Program Award

**Flaherty, Emily**

2020 Dean's Summer Research Program Award

**Fogel, Rachel**

2020 Dean's Summer Research Program Award

**Gabriel, Lucine**

2020 Dean's Summer Research Program Award

**Gandi, Nimit**

2020 Ragni T35 Dean's Summer Research Program Award

**Ghanta, Siddharth**

2020 Dean's Summer Research Program Award

**Gao, Timothy**

2020 Dean's Summer Research Program Award

**Georgiadis, Rebecca**

2021 Roth Fellowship Award

2020 Dean's Summer Research Program Award

**Glanzman, Jason**

2021 Roth Fellowship Award

2020 Dean's Summer Research Program Award

**Gramm, Erin**

2020 Dean's Summer Research Program Award

**Gray, Zane**

2020 Ragni T35 Dean's Summer Research Program Award

**Harley, Randall**

2020 Dean's Summer Research Program Award

Clinical Scientist Training Program

**Hay, Jordan**

2020 Dean's Summer Research Program Award

**Heres, Caroline**

2021 Roth Fellowship Award

2020 Dean's Summer Research Program Award

**Hildreth, Briana**

2020 Dean's Summer Research Program Award

**Hyzny, Eric**

2020 Dean's Summer Research Program Award

## LOCAL AWARDS

**Jain, Naveen**

2020 Sleep Medicine T32 Dean's Summer Research Program Award

**Johnson, Solomon**

2020 Dean's Summer Research Program Merit Award

2020 Ragni T35 Dean's Summer Research Program Award

**Kazi, Eman**

2020 Dean's Summer Research Program Award

**Knudsen-Robbins, Chloe**

2020 Dean's Summer Research Program Award

**Kolich, Brian**

2020 Dean's Summer Research Program Merit Award

**Laffey, Makenna**

2020 Dean's Summer Research Program Award

**Lamb, Jordan**

2022 Community Service Certificate, University of Pittsburgh School of Medicine

2019 Dean's Summer Research Program Merit Award

2019 Scholarly Research Program Travel Award

2018 Charles M. Hefflin Minority Medical Student Scholarship

**Legan, Olivia**

2020 Dean's Summer Research Program Award

**Lebowitz, Steven**

2020 Stanley Prostednik Memorial Scholarship – Graduate, Nationality Rooms and Intercultural Exchange Programs

2020 Dean's Summer Research Program Award

**Longo, Sadie**

2020 Dean's Summer Research Program Award

**Mathier, Abigail**

2020 Dean's Summer Research Program Award

**McDermott, Anne**

2020 Dean's Summer Research Program Mirsky Award

**McDonald, Mackenzie**

2020 Dean's Summer Research Program Award

**Mitchell, Chandler**

2020 Dean's Summer Research Program Award

**Muenzer, Maya**

2020 Kleyman T35 Dean's Summer Research Program Award

## LOCAL AWARDS

### **Muluk, Sruthi**

2020 Kleyman T35 Dean's Summer Research Program Award

### **Murali, Anjana**

2020 Schweitzer Fellow

2020 Forge Incubator Program

2020 Blast Furnace Accelerator Program

2020 Randall Family Big Idea Competition 4th place award

2020 Sonogames 2nd place Winner

2019 Sonogames 1st place Winner

### **Muthiah, Nallammai**

2022 G. Watson Chapter of the Arnold P. Gold Humanism Honor Society

2021-2022 Clinical Scientist Training Program Scholar

2019 Dean's Summer Research Program Certificate of Merit

2019 Muthiah N, Remick M, Abel TJ. Retrospective analysis of vagal nerve stimulation for treating epilepsy in children ages 6 and younger

### **Omar, Mahmoud**

2020 Dean's Summer Research Program Merit Award

### **Opitz, Samantha**

2020 Kleyman T35 Dean's Summer Research Program Award

### **Osigwe, Chinweoke**

2019 Dean's Summer Research Program Award

### **Owierdu, Shawn**

2020 Stephen Chan Dean's Summer Research Program Award

### **Palmieri, Daniel**

2020 Dean's Summer Research Program Award

### **Patnaik, Sneha**

2021 Engaged Scholarship Development Initiative Scholar

2020 Dean's Summer Research Program Award

### **Peretti, Marc**

2020 Kleyman T35 Dean's Summer Research Program Award

### **Pollard, Aja**

2021 CEED II Scholar. Career Education and Enhancement for Health Care Diversity Program

2020 Dean's Summer Research Program Award

### **Powell, Koehler**

2020 Dean's Summer Research Program Award

### **Puyana, Jacob**

2020 Dean's Summer Research Program Award

## LOCAL AWARDS

**Rajakumar, Vinod**

2020 Kleyman T35 Dean's Summer Research Program Award

**Ratnayke, Charith**

2020 Dean's Summer Research Program Award

**Ripple, Katelyn**

2020 Dean's Summer Research Program Award

**Rivera, Kevin**

2020 Dean's Summer Research Program Award

**Rivetti, David**

2020 Dean's Summer Research Program Award

**Robinson, Mayumi**

2020 Kleyman T35 Dean's Summer Research Program Award

**Rodriguez-Torres, Sebastian**

2020 Dean's Summer Research Program Award

2019 Pitt Med Research Experience for Prematriculants

**Rooney, James**

2020 Dean's Summer Research Program Award

**Roy, Souvik**

2021 Roth Fellowship Award

2020 Dean's Summer Research Program Award

**Schad, Michael**

2020 Dean's Summer Research Program Award

**Schwalbe, Marie**

2019 Certificate of Merit Award, For Outstanding Achievement in the Dean's Summer Research Program

**Seraly, Paul**

2020 Dean's Summer Research Program Award

**Shaikh, Sahar**

2020 Dean's Summer Research Program Award

**Skiba, Justin**

2020 Dean's Summer Research Program Award

**Skinner, Camille**

2021 Roth Fellowship Award

**Smith, Austin**

2020 Dean's Summer Research Program Merit Award

## LOCAL AWARDS

**Spigner, Sabina**

2020 Dean's Summer Research Project Certificate of Merit Award  
2020 UPSOM Social Medicine Fellowship

**Stern, Natalie**

2020 Dean's Summer Research Program Award

**Vessel, Kathryn**

2021 Roth Fellowship Award  
2020 Dean's Summer Research Program Award

**Weigel, Tyler**

2020 Dean's Summer Research Program Award

**Wilson, David**

2020 Dean's Summer Research Program Award

**Wollstein, Yael**

2020 Dean's Summer Research Program Award

**Xiao, Amy**

2020 Dean's Summer Research Program Award

**Yoon, Hyunho**

2020 Dean's Summer Research Program Award

**Zelenkov, Nenad**

2020 Dean's Summer Research Program Award

**Zhou, Amanda**

2020 Dean's Summer Research Program Award