

Oral Presentations

Basic Sciences

Othmane Jadi	<i>Associations of clinical outcomes after allogeneic hematopoietic cell transplantation with number of predicted class II restricted mHA</i>	2:00 – 2:15 PM
Albert Hong	<i>Investigating the Therapeutic Role of Retinoic Acid-Related Orphan Receptor Alpha (RORalpha) in Heart Failure</i>	2:15 – 2:30 PM
Ashley Crosby	<i>Discordances in measurable residual disease detection between molecular analysis and multiparametric flow cytometry in acute myeloid leukemia with mutated NPM1</i>	2:30 – 2:45 PM
Austin Hoke	<i>Combinatory NK Cell-Mediated Immunotherapy in Chordoma</i>	2:45 – 3:00 PM

Clinical Sciences

Nicolas E. Alcalá	<i>Socioeconomic Disparities Impact Risk of Upstaging and Mortality of Prostate Cancer in Younger Population: A National Cancer Database Analysis</i>	2:00 – 2:10 PM
Linnea Westerkam	<i>Comparing Efficacy and Safety of Infliximab and Infliximab-abda in the Treatment of Hidradenitis Suppurativa: A Retrospective Cohort Study</i>	2:10 – 2:20 PM
Mikaela Sullivan	<i>Analgesic prescribing and post-discharge opioid use among pediatric patients with operative fractures</i>	2:20 – 2:30 PM
Daniel Bacon	<i>COVID-19 Related Olfactory Dysfunction Incidence and Natural History in Ambulatory Patients</i>	2:40 – 2:50 PM
Brian Wood	<i>Effects of aging on clinical outcomes in patients receiving genotype guided P2Y12 inhibitor selection after percutaneous coronary intervention</i>	2:50 – 3:00 PM

Public Health

Joline Hartheimer	<i>Mapping geographic pre-hospital risk factors for pediatric mortality in Malawi at Kamuzu Central Hospital</i>	2:00 – 2:15 PM
Mary Wurzelmann	<i>Predictors of Emergency Department Utilization after Surgical Intervention in Incarcerated Persons</i>	2:15 – 2:30 PM
Rebecca Varnell	<i>Menstrual Cycle Patterns and Irregularities in Hired Latinx Child Farmworkers</i>	2:30 – 2:45 PM
Sheryl Fuehrer	<i>Improving detection of intimate partner violence (IPV) survivors in the emergency department by determining the predictive value of social and behavioral domains</i>	2:45 – 3:00 PM

Poster Presentations

Basic Science

Alisa Suen Wallach	<i>Role of the SIX1 oncofetal protein in endometrial basal cell metaplasia and carcinogenesis following neonatal exposure to diethylstilbestrol</i>	3:00 – 5:00 PM
Asha Anand	<i>Identification of Human Bronchial Epithelial and Human Microvascular Endothelial Trophic Peptides With Phage Display</i>	3:00 – 5:00 PM
Dillon Strepay	<i>The effect of phosphorylation status of MT1-MMP on MMP2 activation and intracellular TGF-β signaling in BAV</i>	3:00 – 5:00 PM
Diwash Thapa	<i>An Attempt at Surface Visualization of the Spine Using Depth Calibration and Edge Detection for Low-dose Tomosynthesis</i>	3:00 – 5:00 PM
Laura Wiser	<i>Small molecule screening identifies inhibitors of the Epstein-Barr virus deubiquitinating enzyme, BPLF1</i>	3:00 – 5:00 PM
Noah Cassidy	<i>HIV reservoir quantification using cross-subtype multiplex ddPCR</i>	3:00 – 5:00 PM
Tanner Marc Orders	<i>Genome editing to investigate an osteoarthritis-associated genetic variant in the extracellular matrix protein chondroadherin-like (CHADL)</i>	3:00 – 5:00 PM

Clinical Science

Aakash Mehta	<i>Identifying Predictive Factors of Food Insecurity among Older Adults in the Emergency Department</i>	3:00 – 5:00 PM
Alex Spencer	<i>Hypermethylation of HPA Axis Genes Contributes to Increased Post-Traumatic Chronic Pain Vulnerability in Black versus White Americans</i>	3:00 – 5:00 PM
Alexa Holloway	<i>Burn Injury, Characteristics, and Epidemiology in African American Children in North Carolina</i>	3:00 – 5:00 PM
Alexander Murr	<i>Long-Term Speech Recognition in Younger and Older Adult Cochlear Implant Users</i>	3:00 – 5:00 PM
Alexander White	<i>Retrospective Analysis of Radiographic and Clinical Outcomes in Delayed versus Immediate In Situ Fixation of Stable Slipped Capital Femoral Epiphysis</i>	3:00 – 5:00 PM
Alicia Marie Anderson	<i>Characteristics of Treated Glaucoma Suspect and Ocular Hypertensives in an Academic Center</i>	3:00 – 5:00 PM
Alison Hollis	<i>Hidradenitis Suppurativa Knowledge in U.S. Medical School Students</i>	3:00 – 5:00 PM
Angela (Zeyun) Xue	<i>Evaluating the Rate and Effect of Nissen Fundoplication Before and After Starting Radiofrequency Ablation of Barrett's Esophagus on Complete Eradication of Intestinal Metaplasia and Recurrence</i>	3:00 – 5:00 PM
Ambika Viswanathan	<i>GeriKit: A Geriatric Assessment App</i>	3:00 – 5:00 PM
Anthony Paterno	<i>Legislation Limiting Postoperative Opioid Prescribing Does Not Impact Patients' Perception of Pain Management Experience Following Total Joint Arthroplasty</i>	3:00 – 5:00 PM
Austin J. Allen	<i>CYP2C19 Genotype Impact on Intracranial Arterial Stenosis in Flow Diversion Treatment of Cerebral Aneurysms</i>	3:00 – 5:00 PM
Ayham Abdel	<i>Optic Nerve Appearance in Patients Diagnosed with Chronic Progressive External Ophthalmoplegia</i>	3:00 – 5:00 PM
Brian Elgart	<i>Identification of Achilles Tendon Structure Differences using Ultrasound Tissue Characterization in Asymptomatic Individuals</i>	3:00 – 5:00 PM

Candace Barr	<i>Seizure incidence and association to hemorrhage location in ICU patients on antiseizure medical therapy</i>	3:00 – 5:00 PM
Casey Hribar	<i>Potential Role of Vitamin D in the Elderly to Resist COVID-19 and to Slow Progression of Parkinson's Disease</i>	3:00 – 5:00 PM
Chhitij Tiwari	<i>Ketorolac Administration Reduces Opioid Usage in Postoperative Pituitary Adenoma Patients</i>	3:00 – 5:00 PM
Chris Yun Lane	<i>Do Racial Differences in Response to Progressive Therapeutic Exercise Exist in Individuals with Knee Osteoarthritis?</i>	3:00 – 5:00 PM
Chukwuma Onyebuanyi	<i>Evaluating Radiation Exposure in Subarachnoid Hemorrhage Patients</i>	3:00 – 5:00 PM
Clay Sherrill	<i>Frailty Score as a Predictor of Prolonged Length of Stay</i>	3:00 – 5:00 PM
Crystal Johnson	<i>Evaluating Situational Judgment Test Use and Diversity in Admissions at a Southern US Medical School</i>	3:00 – 5:00 PM
Daniel OConnell	<i>Proteoglycan Density as a Predictor of Osteoarthritis post ACL repair</i>	3:00 – 5:00 PM
Elliot Kuan	<i>N-acetylaspartate Concentration in Psychotic Disorders: T2-relaxation effects</i>	3:00 – 5:00 PM
Emily Hollis	<i>Smoking Cessation Interventions During Chemoradiotherapy for Locally Advanced Cervical Cancer: A Missed Opportunity?</i>	3:00 – 5:00 PM
Eric Fromke	<i>Prostatic Artery Embolization: Does the Presence of a Trainee Affect Procedural Metrics?</i>	3:00 – 5:00 PM
Imani Sweatt	<i>Significantly Higher Rates of Head Injuries in Non-helmeted Children in Bicycle Accidents</i>	3:00 – 5:00 PM
Jake Francisco	<i>Evaluation of Contemporary In-Hospital Complications, Mortality, and utilization Trends in Percutaneous Atrial Septal Defect Closure</i>	3:00 – 5:00 PM
Jane Kwon	<i>Investigation of Post-Surgical Readmission Risk Factors of Otolaryngology/Head and Neck Surgery</i>	3:00 – 5:00 PM
Jennifer Shafer	<i>How speech-language pathologists integrate informational counseling across the rehabilitation continuum for care partners of stroke survivors with aphasia</i>	3:00 – 5:00 PM
Jonet Artis	<i>The language profiles of toddlers at elevated likelihood for autism</i>	3:00 – 5:00 PM
Joseph Parrish	<i>MT1-MMP and TIMP Abundance in Thoracic Aortic Aneurysm Tissue and Plasma in the Setting of Bicuspid Aortic Valve and Marfan</i>	3:00 – 5:00 PM
Kaylyn Pogson	<i>Increased Mortality in Burns with Stenotrophomonas Maltophilia</i>	3:00 – 5:00 PM
Kelsey Thompson	<i>Differences in Caregiver Language Input in Children at Elevated and Lower Likelihood of Autism</i>	3:00 – 5:00 PM
Kisan Thakkar	<i>Efficacy of proton pump inhibitors (PPIs) as a treatment modality for eosinophilic esophagitis</i>	3:00 – 5:00 PM
Kristin Weiss	<i>Physician Benefit and Loss in Global Neurosurgery Practice</i>	3:00 – 5:00 PM
Kyle H. McKnight	<i>Factors Impacting Patient Radiation Exposure During Prostatic Artery Embolization</i>	3:00 – 5:00 PM
Laiken Price	<i>An Educational Intervention to Increase Advance Care Planning Activities among Emergency Medicine Providers during the COVID-19 Pandemic</i>	3:00 – 5:00 PM

Lee Landess	<i>An Evaluation of Perceptions and Understanding of CFTR Modulators</i>	3:00 – 5:00 PM
Luke Johnson Hayek	<i>Investigation of The Relationship between Parent Anxiety/Depression and Healthcare Transition Readiness and Utilization in Adolescents with IDD</i>	3:00 – 5:00 PM
Maggie Deichmeister	<i>Clinical Concussion Outcomes at Preseason Baseline in Contact and Non-Contact Sports</i>	3:00 – 5:00 PM
Maria Mihailescu	<i>Regional Analysis of Lung Structure, Ventilation, and Mucociliary Clearance by MRI and Scintigraphy Before and After Elexacaftor/Tezacaftor/Ivacaftor Treatment in Cystic Fibrosis</i>	3:00 – 5:00 PM
Matthew Patetta	<i>Port Pocket Infections: Hydrogel Reduces Time to Healing and Clinic Visits Compared with Iodoform Gauze</i>	3:00 – 5:00 PM
Meredith Park	<i>Can the user friendly home peak flow meter adequately predict severity of subglottic stenosis and need for surgery?</i>	3:00 – 5:00 PM
Mikaela Sullivan	<i>Complications with surgical treatment of Pediatric Supracondylar Humerus Fractures: Does surgeon training matter?</i>	3:00 – 5:00 PM
Naishal Patel	<i>Improving Patient Voice Recovery Time and Swallowing Function Following Injection Laryngoplasty for Glottic Insufficiency</i>	3:00 – 5:00 PM
Nathan Suskovic	<i>Urology referral for prostate cancer diagnostic evaluation and prostate biopsy during the era of shared decision making</i>	3:00 – 5:00 PM
Nina Victoria Didner	<i>Prolonged Concussion Symptomatology Associated With Symptom Type</i>	3:00 – 5:00 PM
Princess Onuorah	<i>The impact of masks during the current Coronavirus pandemic on speech recognition ability in patients with and without hearing loss</i>	3:00 – 5:00 PM
Ranita Anderson	<i>Exploring considerations for early intervention services for children at-risk for ASD</i>	3:00 – 5:00 PM
Rayad Bin Shams	<i>Validation of the ED Senior AID Tool to Identify Elder Abuse in the Emergency Department</i>	3:00 – 5:00 PM
Robert Harrison Bardsley IV	<i>Retrospective Chart Review of the Clinical Outcomes in Delayed Treatment of Stable Slipped Capital Femoral Epiphysis</i>	3:00 – 5:00 PM
Rodney Arthur	<i>Modified Radiographic Union Scoring Risk Stratifies Humeral Shaft Fracture Nonunion at both 6 and 10 weeks after Injury</i>	3:00 – 5:00 PM
Samip Patel	<i>Iterative Design of Qualitative Interview Tool to Explore Provider Perceptions During COVID-19 Pandemic</i>	3:00 – 5:00 PM
Sapna Patel	<i>Evaluation of GI Bleeding and Gender Disparity in Patients with Peripheral Arterial Disease Undergoing Endovascular Intervention</i>	3:00 – 5:00 PM
Sara Treat	<i>Intranasal Corticosteroids: Where do they go?</i>	3:00 – 5:00 PM
Sarah Holdren	<i>Partner Involvement in Prenatal Lactation Education: Perspectives of Midwives and Families of Late Preterm Infants in Finland</i>	3:00 – 5:00 PM
Shantal Jayawickreme	<i>Association of age at menopause and reproductive years with baseline and change in arterial stiffness: the Atherosclerosis Risk in Communities - Neurocognitive Study (ARIC-NCS)</i>	3:00 – 5:00 PM
Shawn Ahuja	<i>Metabolic cost of balance control and adaption in young adults</i>	3:00 – 5:00 PM
Sophia Maharry	<i>Transcriptomic Characterization of HHV8-associated Multicentric Castleman Disease</i>	3:00 – 5:00 PM

Sarah Kim	<i>Nasal Airway Obstruction</i>	3:00 – 5:00 PM
Thiri W. Lin	<i>Multi-institution multivariable analysis of factors affecting long-term viability of the submental island flap in head and neck reconstruction</i>	3:00 – 5:00 PM
Trisha Slehria	<i>10-Year Trends in Percutaneous Balloon Mitral Valvuloplasty in the United States</i>	3:00 – 5:00 PM
Vedang Patel	<i>Excisional Cervical Lymph Node Biopsy in Patients Aged 15-25: Outcomes and Prognostic Indicators</i>	3:00 – 5:00 PM
Willa Jolie Chen	<i>Incorporating Medical Students into Telemedicine Visits in the Ambulatory Setting</i>	3:00 – 5:00 PM
Yoshiko Iwai	<i>Longitudinal racial, ethnic, and gender trends among medical students and surgical faculty, 2011-2019</i>	3:00 – 5:00 PM
Public Health		
Alana Zeitany	<i>Emergency Department Lethal Means Counseling for Suicide Prevention in NC</i>	3:00 – 5:00 PM
Alison Bonner	<i>Parity is associated with higher arterial stiffness but not its 5-year change in older women: the Atherosclerosis Risk in Communities - Neurocognitive Study</i>	3:00 – 5:00 PM
Anna Osment	<i>Anxiety Levels and COVID-19 Preparedness in High-Risk Populations</i>	3:00 – 5:00 PM
Asif Khan	<i>Refugee Hotspotting Project- an academic-community framework to address SDOH</i>	3:00 – 5:00 PM
Katherine Kruse	<i>An Analysis of the Patient Experience Through Oral History Interviews</i>	3:00 – 5:00 PM
Lauren Catterall	<i>Increasing Rates of Depression Screening in a Rural Federal Qualified Health Center in North Carolina</i>	3:00 – 5:00 PM
Madeline Thornton	<i>Newborn Resuscitation in Low-Resource Settings: Feasibility of Implementing Newborn Heart Rate Monitoring and Midwives' Perceptions of their Adherence to Evidence-Based Resuscitation</i>	3:00 – 5:00 PM
Ruthly François	<i>Natural history of submicroscopic Plasmodium falciparum infections in Tanzania</i>	3:00 – 5:00 PM