

LIST OF PRESENTATIONS

2024 RESEARCH SHOWCASE

MORNING POSTER PRESENTATIONS

Veronica Amuso	Dermal Fibroblast-mediated Macrophage Recruitment Supports Acute Skin Wound Healing	Integrated Biomedical Sciences PhD	1A
K. Davis Brock	A Receptor Tyrosine Kinase c-Met Regulates Head and Neck Cancer Migration Through Transcription Factor BACH1	Integrated Biomedical Sciences PhD	2A
Pamela Chansky	A Generative Approach for Predicting Patient Response to Virus-Specific T Cell Therapy	Integrated Biomedical Sciences PhD	3A
Samantha Dow	Heterogeneous Cellular Senescence in the Subfornical Organ During Angiotensin II-Induced Hypertension	Integrated Biomedical Sciences PhD	4A
Alex Edwards	Longitudinal Efficacy of GABAergic Progenitor Cell Implantation Therapy in Treating Focal Cortical Dysplasia Type II	Integrated Biomedical Sciences PhD	5A
Gabriel Galeotos	Developing a Multiplexed Assay to Determine Autologous Antibody Binding to the HIV-1 CD4 Binding Site	Integrated Biomedical Sciences PhD	6A
Erin Grundy	Generation of multi-antigen specific T cells for ovarian cancer using Prussian Blue nanoparticles and photothermal therapy	Integrated Biomedical Sciences PhD	7A
Shruti Gupta	Role of male sex hormone and sex-chromosome complement on the therapeutic efficacy of a TNFR2 agonist in EAE.	Integrated Biomedical Sciences PhD	8A
Sarah Kleb	The Role of G Protein-Coupled Receptor 84 in Skin Wound Healing	Integrated Biomedical Sciences PhD	9A
Jonathan Lochner	PTPN1/PTPN2 Inhibitors Enhance MHC-1 Expression on CD4 T Cells	Integrated Biomedical Sciences PhD	10A
Brendan Mann	Circulating and Mucosal V α 1 T Cells are Persistent Reservoirs of HIV-1	Integrated Biomedical Sciences PhD	11A
Daniial Masood	Biomarker Data Model Development and Integration	Integrated Biomedical Sciences PhD	12A
Claudia Melo	Evaluating the effects of stimulating the Fc-region on NK cells	Integrated Biomedical Sciences PhD	13A
Teresa Murphy	Studying Dual Role of Glycosylation in Resistance to Broadly Neutralizing Antibodies in In Vitro Viral Escape Assay	Integrated Biomedical Sciences PhD	14A
Brita Ostermeier	Platelet-NK Cell Complexes (PNKCs) are Elevated in People Living with HIV and Exhibit Activated Phenotypes	Integrated Biomedical Sciences PhD	15A
Joselyn Padilla	The Role of Hydroxyprostaglandin Dehydrogenase in Contralateral Breast Cancer	Integrated Biomedical Sciences PhD	16A
Shatha Salameh	Age-dependent effects of milrinone may be linked to myocardial maturity	Integrated Biomedical Sciences PhD	17A
Tyler Seckar	Oncogenic KrasG12D and Cdkn2a/p16 knockout in murine-derived small intestinal LGR5 expressing 3D organoids enhance tumorigenic properties in vitro	Integrated Biomedical Sciences PhD	18A
Hannah Smith	Sex-Dependent Effects of Angiotensin Type 2 Receptor Expressing Medial Prefrontal Cortex (mPFC) Interneurons in Fear Extinction Learning	Integrated Biomedical Sciences PhD	19A
Joshua Terao	AC484 a small molecule inhibitor of PTPN1 and PTPN2 enhances lymphocyte activation.	Integrated Biomedical Sciences PhD	20A
Elton VanNoy	Enhancing the Efficacy of B7H3 CAR-T Cell Therapy against High-Grade Glioma through the Use of DNA Methylation Inhibitors in Manufacturing	Integrated Biomedical Sciences PhD	21A
Susan Weiner	Postpartum Depression and Effects on Offspring Newborn Brain Structure and Communication	Integrated Biomedical Sciences PhD	22A

Sydney Woods	Serotonergic Dysregulation and Social Dysfunction Following Early Life Stress	Integrated Biomedical Sciences PhD	23A
Jamila Gowdy	Shift in driving force of disease in the progression of different stages in an animal model of multiple sclerosis	MS Anatomical and Translational Sciences	24A
Paula Cooper	G-Protein-Coupled Receptor 84 Regulates Acute Inflammation in Normal and Diabetic Skin Wounds	Postdoctoral Scientist	25A
Zhe Yu	Identification of a Locus Coeruleus-Amygdala Angiotensinergic Circuit: Implications for Stress-related Cardiovascular Diseases	Postdoctoral Scientist	26A
Reema Kola	Long Term Pacemaker Dependency After TAVR Induced Bradyarrhythmia	Residents/Fellows	27A
Ornella Kouomegne Simo	A Heart-Breaking Twist of Hypervirulent Klebsiella Endocarditis	Residents/Fellows	28A
Natasha Mathur	Timing of Ischemic and Hemorrhagic Stroke with Myeloproliferative Neoplasm Diagnosis among Veterans	Residents/Fellows	29A
Natasha Mathur	Risk for Ischemic and Hemorrhagic Stroke Is Increased in Veterans Exposed to Agent Orange and Those with Myeloproliferative Neoplasms	Residents/Fellows	30A
Tebianne Abubaker	A Rare Case of Yellow Nail Syndrome	Residents/Fellows	31A
Senayt Alemu	Developing an Approach to Improve Resident Confidence with Inbox Management in Internal Medicine Continuity Clinic	Residents/Fellows	32A
Brenden Cabana	Enhancing Control: A Quality Improvement Initiative to Improve A1C Levels in a Primary Care Setting	Residents/Fellows	33A
Aditya Maddali	Lemierre Syndrome in a young male without radiographic IJV thrombus	Residents/Fellows	34A
Mary Melati	Diabetes Management Quality Improvement in an Internal Medicine Resident Continuity Clinic	Residents/Fellows	35A
Maryssa Miller	Standardizing Advanced Care Planning in the Primary Care Clinic: A Quality Improvement Project	Residents/Fellows	36A
Ahmed Siddiqui	Improving Prescription of Insulin and Insulin Supplies on Hospital Discharge " the INSU-QI (Insulin Supplies for Quality Improvement) Project	Residents/Fellows	37A
Omar Yaghi	i-NPO: Reducing the Number of Hypoglycemic Events in NPO Patients on Long-Acting Insulin	Residents/Fellows	38A
Max Fleisher	Utility of Aneurysmal Subarachnoid Hemorrhage Grading Scales in Predicting Shunt Dependence	Residents/Fellows	39A
Katia DaSilva	Development of a ChatGPT-style app for Ob-Gyn resident education	Residents/Fellows	40A
Katia DaSilva	Ob/Gyn Resident Attitudes and Perspectives on Artificial Intelligence in Medical Education	Residents/Fellows	41A
Ivie Eweka	Teaching population sociodemographics to incoming residents, a QI project	Residents/Fellows	42A
Ivie Eweka	Obstetrics and Gynecology Resident In-service Training Exam Scores Compared with TrueLearn Usage	Residents/Fellows	43A
Fatima Al-Baqali	Cannabis Hyperemesis Syndrome-Related Death: An Emerging Public Health Threat	Residents/Fellows	44A
Batoul Aoun	Struck by Lightning: Case Series of Lightning Strike Related Deaths and What's Climate Change Got to Do with It?	Residents/Fellows	45A
Abdelrahman Dabash	Sarcomatoid Carcinoma of the Urinary Bladder: a rare aggressive entity diagnosed on histopathology	Residents/Fellows	46A
William Gesztes	Correlating Cytomorphological Findings with Molecular Test Results of Indeterminate Thyroid Nodules in a Racially Diverse Cohort	Residents/Fellows	47A
Maryam Mehdipour Dalivand	Epidemiology and Clinical Characteristics of Adult Astrovirus Gastroenteritis in Metropolitan Washington DC, USA: 2016-2023	Residents/Fellows	48A
Maryam Mehdipour Dalivand	Genomic and Transcriptomic Analysis of Carcinoma of Unknown Primary: a Single Institution Experience	Residents/Fellows	49A
Rafiq Shahid	Differences in performance of DNA Mismatch Repair Immunohistochemistry and Microsatellite Instability PCR Test in Cancers of Colorectum, Endometrium and Other Organs	Residents/Fellows	50A
Hayk Simonyan	MED12, TERT Mutations and Loss of CDKN2A in Malignant Phyllodes Tumor with Heterologous Angiosarcoma Highlights Potential for Targeted Therapies	Residents/Fellows	51A

Hayk Simonyan	HIV Type-1 Genotyping in the Context of the COVID-19 Pandemic: A Critical Tool for Identifying Antiretroviral Drug Resistance and Optimizing Treatment Strategies	Residents/Fellows	52A
Zoon Tariq	Utility of Microbiology versus Surgical Pathology in Diagnosis and Management of Helicobacter pylori Infections in the Washington DC Metropolitan Area	Residents/Fellows	53A
Maryam Mehdipour Dalivand	IgA Plasma Cell Myeloma Presenting as Cold Agglutinin-Induced Hemolytic Transfusion Reaction.	Residents/Fellows	54A
Manisha Uppal	Refractory Status Asthmaticus: A Case of Near-Fatal Asthma Successfully Treated with Inhaled Anesthetics and Venovenous Extracorporeal Membrane Oxygenation	Residents/Fellows	55A
Armin Vosoughi	Predicting Clinical Outcomes in Acute Ischemic Stroke (AIS) Patients Using Shallow Machine Learning (ML) Algorithms based on Multiphase CT-angiography (CTA) Imaging	Residents/Fellows	56A
Sarah Azari	Reduced Morbidity of Buccal Mucosal Graft Donor Site Closure	Residents/Fellows	57A
Briana Goddard	Streamlining the Triage of Kidney Stone Patients: Preliminary Data to Support Joint Education Between Emergency Medicine and Urology	Residents/Fellows	58A
Seta Degann	Examining Cytogenetic and Molecular Characteristics of Mixed Phenotype Acute Leukemia in US Veterans: Implications for Therapeutic Approaches	Residents/Fellows	59A
Vaishali Kapila-Kalra	Optic Neuropathy in Chronic Lymphocytic Leukemia	Residents/Fellows	60A
Selina Brijbasi	The Virtual Mentoring Space: A Feasibility Study	Health Sciences	61A
Cliff Cymrot	Using admissions criteria to predict success in Medical Laboratory Science programs.	Health Sciences	62A
Aileen Moseley	Implications of Educational Genetic Testing	Health Sciences	63A
Katie Suleta	Improving Scholarly Activity through Faculty-Resident Connection and Research Ideas Via QR Codes	Health Sciences	64A
Olga Terekhina	Medical Laboratory Sciences Preceptors: Perceptions of Benefits and Challenges in Clinical Education	Health Sciences	65A
Amani Ali	The Black Male Dementia Caregiver Study: An Analysis of the Relationship between Informal Caregiving, Sleep, Depression, and Cognitive Functioning	Health Sciences	66A
Melissa Hoefer-Kravagna	Would therapy be more effective if they knew what they said was truly confidential? Behavioral health providers' experiences in telehealth with socially vulnerable clients, a mixed methods study.	Health Sciences	67A
Linda Monterroso Hurtado	Assessing Well-Being and Support in Sibling Caregivers of Individuals with Intellectual and Developmental Disabilities Across Socioeconomic Groups	Health Sciences	68A
Kaye Stenberg	Genetic Counselors' Professional Identity - A Scoping Review	Health Sciences	69A
Kate Atkins	Feasibility and Usability of Gaze Stabilization Exercises in Virtual Reality Using Incrementing Visual Complexity Levels	Health Sciences	70A
Allison Dalton	Putting the Patient at the Center: An Exploration of Patient Experience Data in Clinical Drug Development	Health Sciences	71A
Jen Davis	Toward a Patient-Partnered Model of Clinical Trial Design: A Qualitative Descriptive Case Study of the Duchenne Muscular Dystrophy Clinical Research Partnership	Health Sciences	72A
Josephine Decker	Brain Health Registry Study Partner Portal: Novel Infrastructure for Digital, Dyadic Data Collection	Health Sciences	73A
Alexandra Ecott	ATN-224's Impact on Reactive Oxygen Species Production in Neutrophils: Insights from Assay-based Analysis	Health Sciences	74A
Martin Gesheff	Time to Total Knee Arthroplasty (TKA) post Intra-Articular Injection	Health Sciences	75A
Kandie Ibarra	Effect of Suborbital Rocket Transport on Blood Product Viability	Health Sciences	76A
Tae Kim	X-ray Irradiation on Day 28 of Leukoreduced Red Blood Cells Collected in DEHP-Based CPD/AS-5 Blood Bag System: Impact on Cell Viability up to Day 43	Health Sciences	77A
Shauna Maciel	High School Blood Donors- Perceived Barriers to Blood Donation	Health Sciences	78A
Joshua McFarland	The Impact of Physician Assistants on Resource Utilization in a Community Emergency Department.	Health Sciences	79A
Bonnie McIntosh	Patient-Centered Communication, Health Literacy, and Discussing Information from Social Media with Healthcare Providers	Health Sciences	80A
Jisha Nair	Optimizing the Incubation Time for Blood Cultures in the BACT/ALERT VIRTUO System	Health Sciences	81A

Alison Rodriguez	Barriers, Facilitators, and Sustainability of Hypertension Management Programs by U.S. Nonprofit and Nongovernmental Organizations in sub-Sahara Africa: A Mixed-methods Study.	Health Sciences	82A
Christopher Sims	Barriers and Facilitators to Recruitment in Rural Health Communities in Mississippi: Perspectives of Rural Health Physicians.	Health Sciences	83A
Monika Sinha-Bhamra	Virtual Education Implementation for Children with Autism Spectrum Disorders Amidst the COVID-19 Pandemic	Health Sciences	84A
Sophia Slack	Caregivers' Resilience and Advocacy in the Care of Individuals in Disordered States of Consciousness	Health Sciences	85A
Donna-Ann Spence	Experiences of School-based OT Practitioners Using Technology/Apps for Virtual Learning in Current Practice: A Qualitative Phenomenological Study.	Health Sciences	86A
Andon Ware	Effects of a modified nurse training program on completion rate of forms and assessments in the Electronic Medical Record: A Retrospective Study	Health Sciences	87A
Emily White	Neuromuscular Control Strategies of Older vs. Younger Adults while Learning a Novel Cognitive-Motor Dual-Task	Health Sciences	88A

