

POSTER SESSION 1 DIRECTORY

Poster Number	Name	Category	Research Category	Poster Title
1	Aleksandra Gruslova, PhD	Staff	Metabolism	Mechanisms of Increased Arterial Compliance by Intravascular Lithotripsy
2	Abigail Davis, BS	Medical Student	Metabolism	Can Health Literacy Screenings Identify Patients who are High Risk for Nutrition and Medication Errors?
3	Tolga Delibasi, BA	Medical Student	Metabolism	SIRT3 Controls the Transition from Fatty Liver to NASH and HCC through Suppressing cGAS Signaling and Choline-regulated VLDL Secretion
4	Paola Frausto, MD	Visiting Student	Metabolism	Pioneering and Affordable Strategies to Prevent Progression of Prediabetes, Obesity and CV Risk in Hispanics
5	Vika Guloyan, DO	Medical Resident	Metabolism	A Novel Pancreaticojejunostomy Training Model Utilizing Deceased Donor Pancreas
6	Bryan Ju	Medical Student	Metabolism	Kinetic Kids: CrossFit Training on Pediatric Behavior and Mental Health in Children with Disabilities
7	Alexander Nunnery, BA, BS	Staff	Metabolism	Minding the GAHP: A novel protocol to facilitating graduated vascular access in the hypotensive patients.
8	Alixandria Pfeiffer, DO	Clinical Fellow	Metabolism	IV Iron Supplementation, Dosage, and Timing in Pregnancy: A Quality Improvement Project on Maternal Transfusion Reduction
9	Radhika Pillai, MD	Clinical Fellow	Metabolism	Prevalence of Overweight/Obesity in a Largely Hispanic Pediatric Cystic Fibrosis Center
10	Gilbert Pratt Iii, MS	Graduate Student	Metabolism	Radiation Injury and its Temporal Effects on Microbiome Diversity
11	Derek Rodriguez, PhD	Staff	Metabolism	Therapeutic Delivery of Soluble Fractalkine Ameliorates Vascular Dysfunction in the Diabetic Retina
12	Aaron Russell	Medical Student	Metabolism	Transfusion of Whole Blood is Not Associated with Increased Rate of Hemolytic Transfusion Reaction
13	David Schmerber, BA	Visiting Student	Metabolism	Does Lactation Reduce the Risk of Maternal Cardiovascular Disease in the Presence of Pre-pregnancy obesity – Investigations in Mouse Model
14	Manpreet Semwal, PhD	Postdoctoral Fellow	Metabolism	Sevelamer Improves Insulin Sensitivity in Obese Human Subjects
15	Daanish Sheikh	Medical Student	Metabolism	Supra-aortic Trunk Vessels Reconstruction with Deep Femoral Vein to Treat Infected Cervical Debranching PTFE bypass after Zone 0 TEVAR in patient with Ruptured TBAD
16	Annie Smelter, BS	MD/PhD (Currently working on PhD)	Metabolism	Persistent Inflammatory Lipotoxicity Impedes Pancreatic β -cell Function in Diet-Induced Obese Mice Despite Correction of Glucotoxicity
17	Jack Smith, MS1	Medical Student	Metabolism	Pre- and Post-dialysis Nicotinamide Adenine Dinucleotide (NAD ⁺) Levels and Recovery Time in End-stage Kidney Disease Patients on Maintenance Hemodialysis

18	Maia Smith, BS	Graduate Student	Metabolism	Diet-Induced Hyper-Lipidation of Adiponectin Contributes to Adiponectin Dysfunction
19	Jonathan Sweeney, MS	Medical Student	Metabolism	Post Mechanical Thrombectomy Caval Stent Erosion into the Duodenum After Renal Cell Nephrectomy and Caval Primary Reconstruction
20	Sarah Traynor	Medical Student	Metabolism	Variation in Usage of Major Anti-VEGF Injection Agents Across the U.S.
21	Ioannis Tsialtas, PhD	Postdoctoral Fellow	Metabolism	Regulation of Liver PPAR α by Clock Proteins in Liver and Skeletal Muscle
22	Morgan Wall, MD	Medical Resident	Metabolism	Rates of Explanted Gastric Stimulators for Gastroparesis – Results from 110 Consecutive Cases
23	Cong Wei, BS	Visiting Student	Metabolism	Diet-enhanced upregulation of LRG1 contributes to renal lipotoxicity and apoptosis in chronic kidney disease
24	Jessica Zapien, BS	Medical Student	Metabolism	Efficacy of Whole Blood in Non-traumatic Hemorrhage: Evaluation of Gastrointestinal Bleed and Cardiothoracic Surgery Resuscitation
25	Leen Abazid, PhD	Graduate Student	Neuro	Brain Alterations in Metabolically Healthy and Unhealthy Obesity: A Quantitative Comparison Using Coordinate-Based Meta-Analysis
26	Eva Beckett, BS	Medical Student	Neuro	Identifying Genetic Means to Suppress the Motor Phenotype of a Late-Stage Parkinson's Disease Model
27	Anoop Benet Nirmala, PhD	Postdoctoral Fellow	Neuro	Deep Learning based software for the Early detection and quantification of Cerebral Small Vessel Diseases from ex vivo MRI.
28	Daniel Cantu, BS	Staff	Neuro	Design of a Pilot Trial of Intramuscular Ketamine and Crisis Response Planning for Suicidality in the Emergency Department
29	Annie Dang, BS, MS	MD/PhD (Currently working on PhD)	Neuro	Dissociation of Structural and Functional Changes in Alzheimer's Disease and Mild Cognitive Impairment
30	Jeremy Davis, PsyD	Faculty	Neuro	Intraindividual Variability: An Emerging Cognitive Biomarker in Traumatic Brain Injury
31	Shaumprovo Debnath	Visiting Student	Neuro	Is Cheap Telepathic Communication Possible for Neurologically Intact Non-Verbal Patients? Using Artificial Intelligence and a Convolutional Neural Network to Decode Imagined Letters Using a Cheap Wireless EEG: A Pilot Study
32	Nicole Eassa	MD/PhD (Currently working on PhD)	Neuro	Examining Three Novel Drug Targets for Comorbid Psychosis in Bigenic Rats that Model Aspects of Alzheimer's Disease
33	Benjamin Fitch	Medical Student	Neuro	Foot Drop as a Manifestation of Nerve Injury in Soft Tissue Sarcoma - A Case Study
34	Meredith Flores, MD	Faculty	Neuro	SPROUT – neuroStimulation to imPRove NOWS OUTcomes Delivering Transcutaneous Auricular Neurostimulation (tAN) as an Adjunct Treatment for Neonatal Opioid Withdrawal Syndrome: A Multicenter RCT
35	Kannan Freyaldenhoven, BA	Medical Student	Neuro	Herpes Zoster Ophthalmicus (HZO) Cranial Neuropathy in Review: Case Series Insights
36	Frederick Goodson-Gregg	MD/PhD (Currently working on PhD)	Neuro	A Network Approach to Psychopathology: Bridging Neuroimaging and Psychometrics

37	Urmi Hofland	MD/PhD (Currently working on PhD)	Neuro	Targeting Inflammaging to Alter Lifespan in Aged Mice
38	Selena Lugosi	Medical Student	Neuro	The Influence of Psychosocial Factors on Response to Epidural Steroid Injection (ESI) for Chronic Radicular Pain: A Longitudinal Pilot Study
39	George Naratadam, BS	MD/PhD (Currently working on PhD)	Neuro	Activation of Pro-Inflammatory Keratinocyte-Macrophage Axis Controls Resolution of Painful Chemotherapy-Induced Peripheral Neuropathy
40	Marlina Novoa, BS	Staff	Neuro	Subjective Cognitive Complaints and Objective Cognitive Performance Following Mild Traumatic Brain Injury
41	Lacey Sell, MS	Graduate Student	Neuro	"Mouse Models of Human CNTNAP1-associated Congenital Hypomyelinating Neuropathy and Genetic Restoration of Murine Neurological Deficits"
42	Ali Stark	Medical Student	Neuro	Investigating Causes and Consequences of Tau-Induced Astrocytic Elevation of dsRNA
43	Yannick Wadop Ngouongo, PhD	Postdoctoral Fellow	Neuro	Differential Patterns of Gut and Oral Microbiomes in Patients with Mild-cognitive Impairment
44	Meng Wang	MD/PhD (Currently working on PhD)	Neuro	LRP1 as a Modulator of Neurotoxic Astrocyte Activation and the Effect on Brain Aging after Traumatic Injury
45	Anne Wells, MS	MD/PhD (Currently working on PhD)	Neuro	Identifying a Downstream Target of TBX1, a Gene Encoded in the 22q11.2 locus, for Oligodendrogenesis and Cognitive Function
46	Ramya Smithaveni Barre	Graduate Student	Infection and Immunity	Nluc-expressing Influenza A Viruses for effective evaluation of Viral Infections
47	Tanvi Jakkampudi, BS	MD/PhD (Currently working on PhD)	Infection and Immunity	Effects of antimicrobial SPLUNC1 peptide derivatives on efficacy, toxicity and membrane interactions.
48	Dennys Jimenez, MD	Clinical Fellow	Infection and Immunity	A Fatal Trifecta: Lepromatous Leprosy Complicated by Lucio's Phenomenon and Streptococcal Toxic Shock Syndrome
49	Ricardo Martinez, BA, MS	Medical Student	Infection and Immunity	Impact of Shiga Toxin Phage Carriage on Global Gene Expression in Escherichia coli O157:H7 Isogens
50	Jose Martinez, Post-Baccalaureate	Graduate Student	Infection and Immunity	ABHD17B Regulates Macrophage Activation to Limit Hepatic Inflammation And Fibrosis
51	Santosh Timilsina, PhD	Postdoctoral Fellow	Infection and Immunity	Epigenetic Silencing of DNA Sensing Pathway by FOXM1 Blocks Stress Ligand-Dependent Antitumor Immunity and Immune Memory
52	Dianeliz Tirado, BS	Staff	Infection and Immunity	Placement of Antibiotic Powder in Open Fracture Wounds in the Emergency Room: The POWDER Clinical Trial
53	Jimmy Arnold	Medical Student	Cancer	Decreased Primary Tumor Th2 Cell Tumor Infiltration is Associated with Liver Metastases Across Cancer Types
54	Moyosore Awobajo-Otesanya, MD	Medical Resident	Cancer	Saved By The Fusion: A Case of Oncocytic Intraductal Carcinoma of Salivary Gland Arising In a Lymph Node Masquerading as Benign Warthin Tumor
55	Adriana Baker, MD/PhD Student	MD/PhD (Currently working on PhD)	Cancer	ERX-315: A Potential Treatment Option for Hepatocellular Carcinoma (HCC)

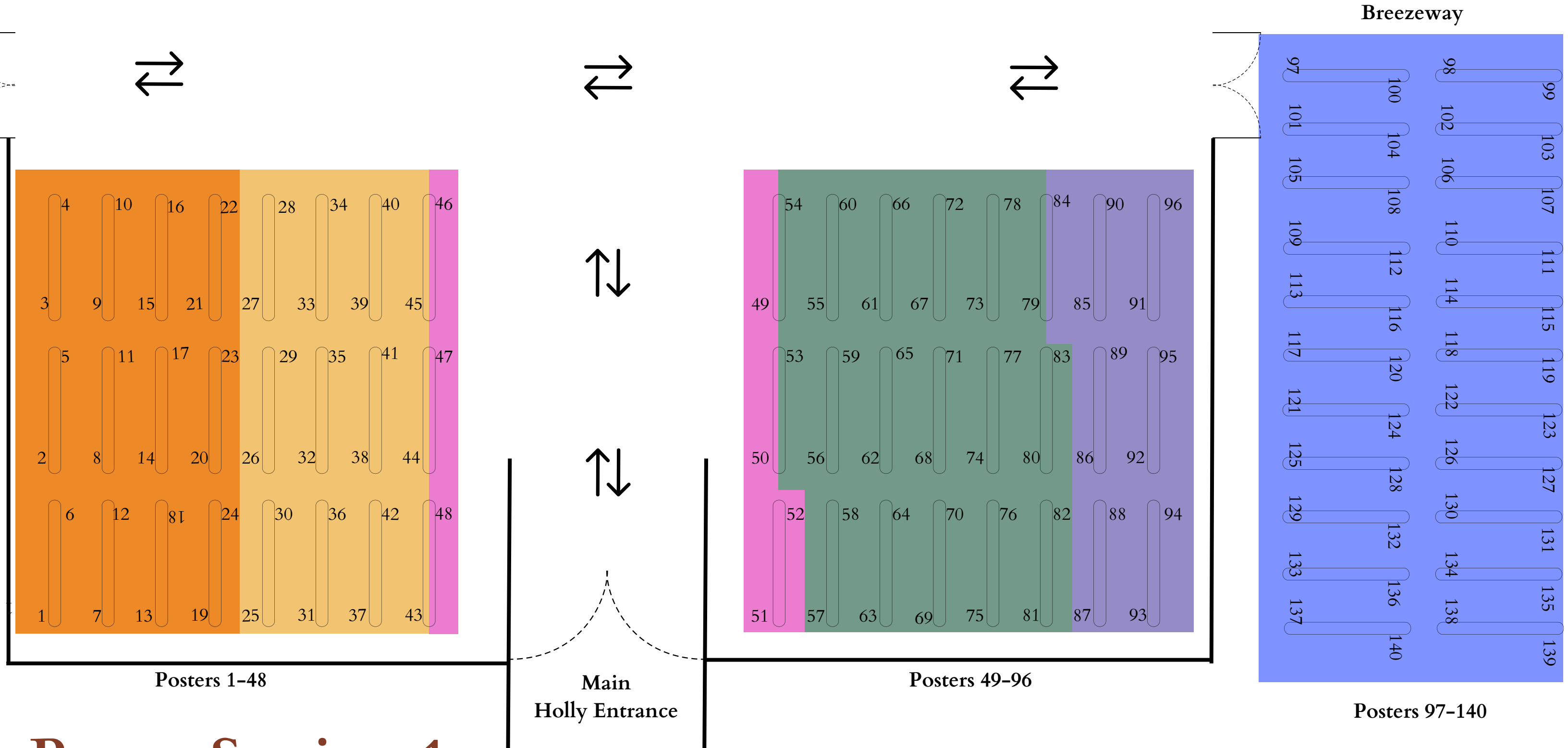
56	Colleen Conger	Medical Student	Cancer	Long-Term Evaluation of Cardiac Events Following Breast Cancer Irradiation
57	Prerna Das	Medical Student	Cancer	Vision Loss Secondary to Non-Small Cell Lung Cancer Metastasis to Optic Nerve
58	Behnam Ebrahimi	Graduate Student	Cancer	Pharmacological inhibition of LIF/LIFR autocrine loop reveals vulnerability of ovarian cancer to ferroptosis
59	Mary Rose Foster	Medical Student	Cancer	Transcatheter Arterial Chemoembolization Treatment For Hepatocellular Carcinoma With Parasitic Arterial Supply From the Left Internal Mammary Artery
60	Zenaida Fuentes, BS	Staff	Cancer	Novel targeted therapy for treating inflammatory breast cancer
61	Funan He, PhD	Postdoctoral Fellow	Cancer	Genomic profiling of subcutaneous patient-derived xenografts reveals immune constraints on tumor evolution in childhood solid cancer
62	Anand Iyer, BS	Medical Student	Cancer	Financial Toxicity and Quality of Life post Chemotherapy for Testicular Germ Cell Tumors
63	Emily Jordan	Medical Student	Cancer	The Dual Delivery of Y15 and Metformin in a PLGA Scaffold for the Treatment of Platinum Resistant Ovarian Cancer
64	Ryan Kuehnle, BS	Medical Student	Cancer	Meta-analysis of RCT of External Beam Radiation vs Transarterial Chemoembolization for Hepatocellular Carcinoma
65	Heidi Latiolais, MD	Clinical Fellow	Cancer	Retrospective Analysis of Treatment Patterns and Outcomes in Geriatric Patients with Diffuse Large B-cell Lymphoma (DLBCL) in the Veterans Health Administration (VHA)
66	Sophia Lee, MD	Clinical Fellow	Cancer	Survival Outcomes of Diffuse Large B Cell Lymphoma Beyond the Rituximab Era: Comprehensive Analysis of a Veteran Population within the Veterans Health Administration over 11 Years
67	Wenjing Li, PhD	Postdoctoral Fellow	Cancer	Unraveling the Role of BRCA1-BARD1 E3 Ubiquitin Ligase in DNA Repair: A Promise for Enhanced Chemotherapy Outcomes
68	Adam Maestas, BS	Medical Student	Cancer	Challenges and Considerations in the Management of Brachial Plexus-Involved Epithelioid Sarcoma: A Case Study and Comprehensive Analysis
69	Megharani Mahajan, PhD	Postdoctoral Fellow	Cancer	Novel MDK targeted therapy for treating Triple Negative Breast Cancer
70	Syeda Munawar, BS.C	Staff	Cancer	Exploring the role of TMEM127, a new regulator of tumor immune evasion, in macrophages
71	Samantha Murphy, MD	Medical Resident	Cancer	Barriers to Offering Organ Preservation for Rectal Cancer in a Predominantly Hispanic Safety Net Hospital
72	Shiva Ostadrahimi, MD, PhD	Staff	Cancer	Targeting BRCA Deficient Cancer Cells with Small Molecule RAD52 Inhibitors
73	Vinay Pattalachinti	Medical Student	Cancer	Development and Characterization of Novel Orthotopic Appendiceal Adenocarcinoma Patient-Derived Xenografts
74	Vincent Pham, BSA	Graduate Student	Cancer	Deciphering The Mechanisms of Cancer-associated Cachexia

75	Gabriel Purnell, BA	Medical Student	Cancer	Mucoacinar Carcinoma of the Bronchus in a Juvenile Patient
76	Shan Qi	Graduate Student	Cancer	A Cryptic Pocket in METTL3-METTL14 Regulates m6A Conversion and Sensing
77	Natalie Rodriguez, MS	Staff	Cancer	Measuring Stress In Integrative Approaches to Maximize Health-Related Outcomes With Latina Breast Cancer Survivors
78	Adam Sacks	MD/PhD (Currently working on PhD)	Cancer	Mechanism of Shieldin-mediated Regulation of DNA End Resection in DNA Break Repair Pathway Choice
79	Ariana Samaniego, BSA	Staff	Cancer	Impact of maternal high-fat diet on female offspring lifespan and susceptibility to breast cancer in murine model
80	Sarah Shaker	Medical Student	Cancer	Analyzing Keynote522 Treatment Outcomes in HER-2 Low Vs. HER-2 Zero in Triple Negative Breast Cancer Patients
81	Clara Stiefel, MS	Graduate Student	Cancer	Characterization of RING-between-RING E3 ligases in DNA Damage Response
82	Andrew Ta, BSA	Medical Student	Cancer	Examining Racial Disparities in Diffuse Large B-Cell Lymphoma Outcomes within the Veterans Health Administration (VHA)
83	Ankur Tiwari, MD	Medical Resident	Cancer	Trends in the Utilization of Neoadjuvant Therapy and its Impact on Vascular Resection Among Patients Undergoing Resection for Pancreatic Adenocarcinoma
84	Andrew Boland	Medical Student	Community Education	Correlating Nutritional Habits with Physiological Diseases for High School Seniors at John Jay High School in the Medical Assistant Certification Program
85	Andrew Burton	Medical Student	Community Education	Approach to Reduce Social Isolation & Health Risks for Elderly San Antonio Residents
86	Suchit Chidurala	Medical Student	Community Education	Addressing Barriers to Healthcare Access in Diverse Communities
87	Hannah Cook	Veritas Mentors in Medicine	Community Education	The Period Pamphlet Project
88	Carmella Deserto, MD	Medical Resident	Community Education	Resident Physician Experience and Confidence with LGBTQ+ Healthcare: A Curriculum Quality Improvement Project
89	Sanjev Kalyanaraman, BS	Medical Student	Community Education	Improving High School Students' Perceptions on Traditional Cigarettes vs E-cigarettes
90	Savreet Kaur	Veritas Mentors in Medicine	Community Education	Bridging the Language Gap
91	Cory Kittleman, BS	Medical Student	Community Education	Examining Rates of Engagement with Advanced Care Planning by Older Adults in San Antonio who Identify with Different Ethnicities
92	Prima Poudel, MD	Clinical Fellow	Community Education	Does Your Spouse Help You Live Longer?
93	Vanessa Sanchez, MD	Medical Resident	Community Education	Assessing Community Needs at a Local Health Fair
94	Utkarsh Sharma	Medical Student	Community Education	Write Away! Therapeutic Journaling and the Management of Stress
95	Colin Smith, BS	Medical Student	Community Education	Risk Factors for Primary Open-Angle Glaucoma in the San Antonio Patient Population

96	Victoria Vargas, BS	Medical Student	Community Education	Performance Enhancing Drugs and Social Media: a Content Quality Analysis of TikTok
97	Aishwarya Addepalli, BS	Medical Student	Clinical Education	A Comprehensive Review and Evaluation of YouTube Media related to Cataract Removal Surgery
98	Ojasvie Agnihotri, MPH	Veritas Mentors in Medicine	Clinical Education	A Medical Student's Guide to Finding Direct Faculty Mentorship
99	Erin An	Medical Student	Clinical Education	Facilitators in Building Trust with Health Providers among Latinas
100	Adam Brantley, BA	Veritas Mentors in Medicine	Clinical Education	Opening Lines: A Concise New Guide to the Residency Personal Statement
101	Nicholas Champagne-Aves, BS	Veritas Mentors in Medicine	Clinical Education	A Guide to the Electronic Residency Application Service
102	Keola Ching	Medical Student	Clinical Education	Historic and Regional Price Trends in Knee Orthoses
103	Augustine Deering Iii, BS	Medical Student	Clinical Education	Assessing the Effectiveness of Topical Negative Pressure Therapy in Plastic and Reconstructive Surgery
104	Joseph Dicecco, BSA	Medical Student	Clinical Education	Economic and Performance Analysis of Achilles Tendon Rupture in the National Basketball Association
105	Noah Fanous	Veritas Mentors in Medicine	Clinical Education	Step 2 Guide and Clerkship Tips
106	Freedom Green, MRes	Medical Student	Clinical Education	Sketchy as a Learning Resource among Medical Students: A Survey-Based Investigation
107	Saxon Hancock, MD	Medical Resident	Clinical Education	Improving Resident Surgical Training Via Video Curriculum
108	Catherine Hand	Medical Student	Clinical Education	A Comprehensive Review and Evaluation of YouTube Media related to Brachial Plexus Injury in Newborns
109	Victoria Hart, BS	Medical Student	Clinical Education	YouTube Media Related to Coronary Angioplasty and Stent Placement: A Comprehensive Review and Evaluation
110	Rafael Heinz Montoya, BS	Medical Student	Clinical Education	The Effect of Hispanic Ethnicity on Corneal Endothelial Cell Loss in Cataract Surgery
111	Serene Hoskins, BS	Medical Student	Clinical Education	The UTSA-Long SOM Mentorship Program
112	Connie Hu	Medical Student	Clinical Education	Perioperative Management Concerns of Trauma Patient with Brugada Syndrome
113	Merrick Huang	Medical Student	Clinical Education	Project HEART: Promoting Healthy Eating and Activity through Recreation and Teaching Year 2
114	Tony Jha	Medical Student	Clinical Education	Classification of Heart Pathology Using Cardiac MR Data and Artificial Intelligence
115	Claire Juhas	Medical Student	Clinical Education	Let's Talk About It: Firearm Injury Prevention Training for Medical Students
116	Joseph Kim, BA	Veritas Mentors in Medicine	Clinical Education	Navigating the Wards: Effective Communication with our Consultants
117	Andrea Lozano	Veritas Mentors in Medicine	Clinical Education	Assessment of Medical Student Wellness During Third Year and Integration of Clinical Reflection Sessions

118	Jacob Luddington	Medical Student	Clinical Education	Deductive vs Inductive Oral Case Presentations in Junior Residents
119	Ashley Mai	Medical Student	Clinical Education	CouplesMatch.com: Helping Students Navigate the NRMP Couples Match
120	Paul Niziol, BS	Veritas Mentors in Medicine	Clinical Education	A Guide to Planning Spring Semester of MS2 Year and Early Rotations
121	Samuel Oshoba	Medical Student	Clinical Education	Effect of Treatment on Body Image in Patients with Adolescent Idiopathic Scoliosis: A Systematic Review
122	Landon Paskett	Medical Student	Clinical Education	Residency Program Signaling: Perceptions of UTHSCSA Fourth-year Students
123	Natasha Paul, BS	Veritas Mentors in Medicine	Clinical Education	A Guide to Passing the USMLE Step 1 Exam
124	Meghna Pinnaka, BS	Medical Student	Clinical Education	A Case Report of Murine Typhus in South Texas During Winter
125	Natalya Ponomareva, BA	Veritas Mentors in Medicine	Clinical Education	Interprofessional Education during the Clerkship Years
126	Sean Rumney	Medical Student	Clinical Education	Code Angio Activation: A Preliminary Review of Angiographic Intervention in Traumatic Pelvic Fractures through the Lens of Transfusion Requirements
127	Sofia Russo	Veritas Mentors in Medicine	Clinical Education	Veritas Career Social Hours: the Power of In-Person Networking
128	Anudeeksha (Anu) Satheeshkumar, MD	Medical Resident	Clinical Education	Finding A Positive: Empiric Management of Encephalopathy of Unknown Origin
129	Amirtha Shekar, BS	Medical Student	Clinical Education	Beyond the Pump: An Investigation into the Incidence & Clinical Significance of Postoperative Fever Following Cardiopulmonary Bypass
130	Dean Slocum, BS	Medical Student	Clinical Education	Effects of a Deductive Structure of Oral Case Presentations on Listener Comprehension: Senior Residents
131	Montgomery Smith, BS	Medical Student	Clinical Education	Holistic Learning: Geriatric Healthcare Education for Medical Students Through Local Senior Living Partnerships
132	Phuongthy Tran	Medical Student	Clinical Education	The Shifting Landscape of Male and Female Dermatologists in the U.S.
133	Daniel Tveten	Medical Student	Clinical Education	Using Machine Learning to Predict Glaucoma Onset
134	Anna Wedler	Veritas Mentors in Medicine	Clinical Education	The Newborn Exam for Beginners
135	Danielle Wood	Medical Student	Clinical Education	The Role of Female Peer Mentorship in a 3-Tier Mentorship Model: Limitations and Expectations at a US MD School
136	Tamarah Aldawoodi	Resident	Cancer	Real-world Data: Clinical Characteristics and Outcomes of Patients with Advanced Hepatocellular Carcinoma (HCC) treated with Atezolizumab Plus Bevacizumab in Veteran Health Administration
137	Bianca Romo	Postdoctoral Fellow	Cancer	Significance of LIF/LIFR Axis in the Progression of Inflammatory Breast Cancer
138	Brynn Weakley	Medical Student	Community Education	Health Needs Assessment Results of Dominican Republic Bateyes
139	Stephen Chen	Medical Student	Neuro	Abnormal Brain Imaging Findings in Patient with New-onset Seizures

2024 LSOM Research Symposium Poster Layout



Poster Session 1

Metabolism

Neuro

Infection and Immunity

Cancer

Community Education

Clinical Education