

**Mercer University School of Medicine and College of Pharmacy Joint Research  
Conference**

**Poster Presenters 2023**

<b>Category</b>	<b>Authors</b>	<b>Title</b>	<b>Time</b>	<b>Board#</b>
<b>Atlanta</b>				
Biomed	Tanisha Manoj Arte, Revanth Singh, Emmanuel Adediran, Smital Patil, Dr. Martin J. D'Souza	Microneedle based heterologous vaccine against COVID-19	12:15 – 2:30 pm	
Biomed	Emmanuella Ezewudo, Farzana Zerin, Sreelakshmi Menon, Tro Nguyen, Mahavir Chougule, Taufiq Rahman, and Raquibul Hasan	Indole-3 acetic acid inhibits vascular dysfunction and blood pressure elevation in a salt- sensitive model of hypertension	12:15 – 2:30 pm	
Biomed	Ferguson A, Bagwe P, Zughailer S, D'Souza MJ	Development of a novel whole-cell inactivated gonococcal microparticulate vaccine	12:15 – 2:30 pm	
Biomed	Meheli Ghosh, and Ajay K. Banga	Enhancing Transdermal Delivery of Lamotrigine for Improved Epilepsy Treatment	12:15 – 2:30 pm	
Biomed	Andrea Green, Kalyn M. Rambacher, Kevin S. Murnane and Nader H. Moniri	Free Fatty Acid Receptor 4 as a Novel Target of Neuroinflammation and Oxidative Stress in Parkinson's Disease	12:15 – 2:30 pm	
Biomed	Morgan Jones, Sreelakshmi N Menon, Farzana Zerin, Emmanuella Ezewudo, and Raquibul Hasan	Indole-3 acetic acid relaxes myogenic resistance mesenteric arteries by stimulating endothelial nitric oxide production	12:15 – 2:30 pm	
Biomed	Rama Kashikara, Shiqing Xub, Benjamin W Neumand, Sathish Kumard, Wenshe Ray Liuc, Mahavir Chougule	Non-invasive, targeted, nebulized potent antiviral drug, NSF207 loaded pegylated nanoliposomal suspension product for treatment of COVID-19: Design, development, and evaluation	12:15 – 2:30 pm	
Biomed	Arun K. Kotha, Kendall Johnson, Rama Kashikar, Ha Nguyen Trinh,	Development, Optimization and Characterization of Gelatin Nanoparticulate suspension product using Box Behnken Design (BBD) for meeting target profile	12:15 – 2:30 pm	

	Mahavir Bhupal Chougule		
Biomed	Sreelakshmi Nandakumar Menon, Farzana Zerine, Emmanuella Ezewudo, Nimi P Simon, Nader Moniri, and Raquibul Hasan	Neflamapimod inhibits LPS-induced endothelium activation and leukocyte attachment	12:15 – 2:30 pm
Biomed	Dedeepya Pasupuleti, Priyal Bagwe, Sharon Vijayanand, Susu. M. Zughaier, Martin J. D'Souza	Optimizing Carboxyfluorescein in succinimidyl ester assay to measure invitro T lymphocyte proliferation in response to nanoparticulate vaccine candidates against H1N1 flu and Neisseria gonorrhoea pathogens	12:15 – 2:30 pm
Biomed	Parth Patel, Sarthak Shah, Mohammad Nasir Uddin, Martin J D'Souza	Microparticulate Intranasal Zika vaccine produced humoral and cellular immunity	12:15 – 2:30 pm
Biomed	Nimi P Simon, Sreelakshmi Menon, Farzana Zerine, Emmanuella Ezewudo, Nader Moniri, Taufiq Rahman, and Raquibul Hasan	Discovery of a novel gut-microbiota metabolite as an inhibitor of the endothelin system	12:15 – 2:30 pm
Biomed	Alexander Rogier, Yi Ming Chen, Thomas A. Dick, Rachel A. Lukavsky, Nader H. Moniri, PhD, Clinton E. Canal, PhD.	Discovery and characterization of selective acetylcholine muscarinic M2 receptor antagonists	12:15 – 2:30 pm
Biomed	Sarthak Shah, Parth Patel, Mohammad Nasir Uddin, Martin J D'Souza	Novel 3D printed Zika vaccine induces humoral and cellular immunity	12:15 – 2:30 pm
Biomed	RL Teyani <sup>1</sup> , NH Moniri	The role of Free-Fatty Acid Receptor-4 in modulating inflammatory responses mediated by cholesterol	12:15 – 2:30 pm
Biomed	Nethra Viswaroopan; Chao Zhao; Ajay K. Banga	Topical and transdermal delivery of bupivacaine using novel pen delivery system	12:15 – 2:30 pm
Biomed	Farzana Zerine, Sreelakshmi Menon, Ahasanul Hasan, Taufiq Rahman, Raquibul Hasan	Novel mechanism of resistance mesenteric artery vasodilation by statins and its significance in hypertension	12:15 – 2:30 pm

Clin	Hyo Min Kim, Vivian Zhao	Characterization of Copper Deficiency in Adults with Liver Diseases	12:15 – 2:30 pm
Clin	Chankira Mike and Brianna Watkins	Healthcare Volunteers and Patient Experiences During a Multidisciplinary Virtual Medical/Surgical Mission Trip	12:15 – 2:30 pm
Clin	Brianna Watkins and Chankira Mike	Healthcare Volunteers and Patient Experiences During a Multidisciplinary Virtual Medical/Surgical Mission Trip	12:15 – 2:30 pm
MedEd	Logan Anderson, Trevor Bruno, Dr. Lorenzo Villa Zapata	A Cost-Effectiveness Analysis of Pemigatinib Versus Gemcitabine/Cisplatin Therapy in Patients with Cholangiocarcinoma	12:15 – 2:30 pm
<b>Columbus</b>			
Biomed	Savanna Banks, Aneesa Jones, Brandon Merrill, Lynsey Young	Clinically significant replaced left hepatic artery arising from left gastric artery: a case report	12:15 – 2:30 pm
Biomed	Noah Collins, Sania Quazi, Amber Datta, Laura Callahan, & Ali Ghedi	Fos Expression in the Medial Prefrontal Cortex (mPFC) of Rats with a History of Palatable Food-Self administration given the Noradrenergic Toxin DSP-4	12:15 – 2:30 pm
Biomed	Aneesa Jones; Savanna Banks, Lynsey Young, Brandon Merrill, Elena Bozhikova	Simultaneous intrasinus septa in both sphenoid and maxillary sinuses on both sides of a cadaveric head – a clinical case report	12:15 – 2:30 pm
Biomed	Alfred H. Merrill, Jr, PhD, and Hannah Lachmayr	A brief overview of the toxic sphingomyelinase Ds of brown recluse spider venom and other organisms, and simple methods to detect production of its signature cyclic ceramide phosphate	12:15 – 2:30 pm
Biomed	Dominic Robles, Chang Chung	Increase of tenascin-C expression and secretion by PAR-1 signaling in microglia after ischemic stroke	12:15 – 2:30 pm
Biomed	Isaiah Ware, Maria Salcedo-Noriega, Brittney Knott, Stefani Yates, Morgan Greene, Matthew Cheung, Daniel Epstein, Zayd Khan, James George, and Paige Porrett	Effect of Tacrolimus on Immune Cell Populations in Mouse Kidneys and Peripheral Blood: A Preliminary Design Study	12:15 – 2:30 pm

Biomed	Lynsey Young, Haley Channell, Olivia Craig, Meenal Joshi, Bowen Powers, Lance N. Crane, Katelynn B. Powell, Alisha R. Kennedy, David Goode, Kerri L. Shelton and Lauren B. King	Antibacterial Activity of Novel Benzothiazole and Benzotriazole Salts Against ESKAPE Pathogens	12:15 – 2:30 pm
Biomed	Olivia Craig, Haley Channell, Lynsey Young, and Lauren B. King	Antibiotic Resistance and Biofilm Formation in <i>Acinetobacter baumannii</i> Clinical Isolates	12:15 – 2:30 pm
Clin	Juan Antonio Ayerdi, Aaron Joiner, Aneesa Jones, David Antekeier	Factors Contributing to Fractures in Spastic Quadriplegia Cerebral Palsy and Post-Operative Methods of Prevention	12:15 – 2:30 pm
Clin	Sierra Byrd, Anand Gupta, Ikshwank Anand Mahajan	Mapping Healthcare Disparities: Geographic Analysis of Readmission Diagnoses Western Georgia Muscogee County	12:15 – 2:30 pm
Clin	William Reid Clark, and James E. McGrory	Idiopathic Epidural and Multifocal Extremity Abscesses	12:15 – 2:30 pm
Clin	Miller Gantt; John Dorchak, Kenneth Burkus	LUMBAR SPINAL FUSIONS USING A NOVEL CELLULAR BONE MARROW ALLOGRAFT	12:15 – 2:30 pm
Clin	Tristan L. Melton, and John D. Dorchak	Pyogenic Vertebral Osteomyelitis Treated with Minimally Invasive Intradiscal Debridement and Interbody Fusion Using a Titanium Cage and rhBMP-2	12:15 – 2:30 pm
Clin	Brandon Merrill; Miller Gantt; Chad Evans	Novel Injection Technique Predictive of Postoperative Pain Relief in Removal of Lumbar Spinal Instrumentation	12:15 – 2:30 pm
Clin	Sneha Rajeev; Rajeev Chauhan; Anne Montgomery; Jennifer Thompson	Association between PTH Levels and the Risk of Peritonitis in Peritoneal Dialysis Patients	12:15 – 2:30 pm
Clin	Jonathan Saviskas	From Locking to Freedom: Daily Diclofenac Gel for Trigger Finger Relief and Progression Prevention	12:15 – 2:30 pm
Clin	Elizabeth Shoaga and Matthew Kahrman	Undiagnosed placental accreta leads to emergency hysterectomy: a case report	12:15 – 2:30 pm

Clin	Jordan Tasman, Devin Clegg, Jillian Lloyd, Patricia N.E. Roberson	The Difference Between Self-Perceived and Objective Rural Status on the Psychophysiological Distress of Appalachian Breast Cancer Patients before Treatment	12:15 – 2:30 pm	
Epi	Rachel Divack, Brad Lian	Diseases and Deaths of Despair	12:15 – 2:30 pm	
Epi	Brad Lian, Christiana Esowhode, Morgan Mathis	Finding the Sliver Lining: Instilling Principles of Learned Optimism and Positive Psychology Among Grade School Children	12:15 – 2:30 pm	
MedEd	Christian Casteel, Owen Phelps, Laura Ross, Stephanie Basey, Anne Montgomery	Understanding the Influence of Consumer Desires on Farmer Mental Health and Stress	12:15 – 2:30 pm	
MedEd	Daniella Chrabuszc and Andrew I Hearn	Mindfulness Programs as Wellness Interventions in Medical Students: Preliminary Results from a Systematic Review and Meta-Analysis	12:15 – 2:30 pm	
MedEd	Mincey, K., Richardson, B., Johnson, R., Heraut, M	Understanding the factors that influence matriculation and persistence in Black medical students	12:15 – 2:30 pm	
<b>Macon</b>				
Biomed	Neel S. Ambardekar, Deep P. Patel, Baxter L. McWhorter, Mauricio J. Farinacci, and Gretchen L. Bentz	PIAS Member Interaction with LMP1 in HEK293 Cells	12:15 – 1:15 pm	1
Biomed	John Escate; Ronnie Chastain; T.J. Weehunt; Peter Uchakin	The Effects of Stress-induced latent viral reactivation of herpes virus on the pathophysiology of Atherosclerosis in an animal model	12:15 – 1:15 pm	2
Biomed	Mauricio Farinacci, Deep Patel, Baxter McWhorter, Neel Ambardekar, and Dr. Gretchen Bentz	Targeting Protein SUMOylation with 2-D08: Selective Effects on EBV-Positive B-Cell Lymphomas	12:15 – 1:15 pm	3
Biomed	Elisa R. Farrell, Lucy Joshee, Dr. Christy C. Bridges	Effects of High Glucose and Mercury Exposure on Cultured Human Renal Proximal Tubule Cells	12:15 – 1:15 pm	4

Biomed	Baxter L. McWhorter, Neel S. Ambardekar, Mauricio J. Farinacci, Deep P. Patel, Gretchen L. Bentz	SEPN2 and EBV-associated Oncogenesis	12:15 – 1:15 pm	5
Biomed	Deep P. Patel, Neel S. Ambardekar, Baxter L. McWhorter, Mauricio J. Farinacci, Dr. Gretchen Bentz	Targeting Ubiquitin-like Modifier SUMOylation For Its Potential Therapeutic Benefits Using Tak-981	12:15 – 1:15 pm	6
MedEd	William Glawson; Peyton Burks; Faith Harris; Ashitha Dama; Joseph Graham; Megal Kral; and Peter Uchakin	Healthcare Disparities in Sensitive Populations: A Focus on Monosomy 8p- and Wolf- Hirschhorn Syndrome (WHS)	12:15 – 1:15 pm	7
MedEd	Faith Harris, Christina Mahoney, Peter Uchakin	Case of Beta-Propeller Protein Associated Neurodegeneration (BPAN) and Social Aspects of This Condition	12:15 – 1:15 pm	8
MedEd	Catherine Kemeness, Stephanie Mills, Dr. Shikhar Mehrotra	Spingosine-1-Phosphate Metabolism in Regulating Cellular Immune Response	12:15 – 1:15 pm	9
MedEd	William Harris Maloy, Laura Ross, John David Adams, Anne Montgomery	Improving Rural Physician Recruitment & Retention through Physician-Led Community- Engagement	12:15 – 1:15 pm	10
MedEd	Morgan Mathis, Christiana Esowhode, Dr. Brad Lian	Finding the Silver Lining: Instilling Principles of Learned Optimism and Positive Psychology Among Grade School Children	12:15 – 1:15 pm	11
MedEd	Eva Proels, Dr. Anne Montgomery	CHNA and Housing Survey of Chattooga County	12:15 – 1:15 pm	12
MedEd	Gabrielle Newsome; Caroline Anglim	Is an Undergraduate Degree In the Humanities A Predictor of Entering Into A Primary Care Residency Program?	12:15 – 1:15 pm	13
Biomed	Ryan Brownlee, Adam Kiefer, Caryn Seney, Lucy Joshee, Christy C. Bridges	OAT1 Mediates Renal Uptake of Hg-Cyanide Complexes	12:15 – 1:15 pm	14
Biomed	Imran Khan, Andreco Sekayi Edwards, Ayush Dipesh Patel, Ilana Chefetz	Dual inhibition of ALDH1A and MEK1/2 causes synergistic cell death in high grade serous ovarian cancer	12:15 – 1:15 pm	15
Biomed	Purva Lotwala, Lucy Joshee, Christy C. Bridges	CELLULAR EFFECTS OF MERCURY EXPOSURE IN PROXIMAL TUBULAR CELLS	12:15 – 1:15 pm	16

Biomed	Meha Patel (Mercer University School of Medicine), Zewen Jiang, Sarah Gayar, Chihiro Tabuchi, John Tayeri, Kautsav Das Gupta & Sagar Bapat,	Short-term High-fat Diet Feeding Exacerbates Skin Inflammation in Mice	12:15 – 1:15 pm	17
Biomed	Noah Collins, Sania Quazi, Amber Datta, Laura Callahan, & Ali Ghedi	Fos Expression in the Medial Prefrontal Cortex (mPFC) of Rats with a History of Palatable Food-Self administration given the Noradrenergic Toxin DSP-4	12:15 – 1:15 pm	18
Biomed	O.N.Uchakina, V.L.Mack, M.P.Hill, C.A.Gilbert, R.J.McKallip, P.K.Queen, J.P.Kamil, P.N.Uchakin	Demographics assessment of SARS-CoV-2 genomic lineages in the state of Georgia	12:15 – 1:15 pm	19
MedEd	Peyton Burks; William Glawson	Healthcare Disparities in Sensitive Populations: A Focus on Monosomy 8p- and Wolf-Hirschhorn Syndrome (WHS)	12:15 – 1:15 pm	20
MedEd	Ashi Dama, Christina Mahoney, Dr. Peter Uchakin	Cerebral Palsy and the Social Aspects of the Condition	12:15 – 1:15 pm	21
MedEd	Megan L. Kral, Joseph R. Graham, Peyton R. Burks, William C. Glawson, Faith C. Harris, Ashitha C. Dama, Christina Mahoney, Peter N. Uchakin	Dynamic Development of a Case of Mitochondrial Disorder and its Socioeconomic Aspects	12:15 – 1:15 pm	22
MedEd	Taliyah Henderson; Anne Montgomery; Chris Scoggins	Cyberthreats within Rural Hospitals & Clinics: A Survey	12:15 – 1:15 pm	23
MedEd	Alaina G. D. Joiner, Lilly McIncrow, and Emily A. McMackin	Trauma From a Motor Vehicle Accident: A MSK PtBL Case	12:15 – 1:15 pm	24
MedEd	Alyssa Phillips and Larry Nichols	Evaluating clinical case reports through a histological lens	12:15 – 1:15 pm	25
MedEd	Paul Byrd, Laura Ross, Taliyah Henderson, Alika Croy, Chris Scoggins, Anne Montgomery	Faith in Rural Health: Patient Simulations to Enhance Multi-Disciplinary Collaboration	12:15 – 1:15 pm	26

MedEd	Dr. Caroline Anglim & Persia Suarez	A Scoping Review of the Intersection of Spirituality and Health in Rural Communities	12:15 – 1:15 pm	27
MedEd	Hannah Cabe	The Impact of Continuity of Care in the "Fourth Trimester" on Rural Communities	12:15 – 1:15 pm	28
MedEd	Janai Scott	The Challenges of ADHD in K-5 students	12:15 – 1:15 pm	29
MedEd	Wanda S. Thomas & Carolyn Klatt	Kindred Spirits Unite: Diversity & Medical Librarians	12:15 – 1:15 pm	30
MedEd	Lindsey Duke, Larry Nichols	Pathology and Clinical Science	12:15 – 1:15 pm	31
Clin	Lindsey Duke, Ben West	Developing an Obesity Prevention Program for a Rurally Underserved County in Georgia	1:20 – 2:20 pm	1
Clin	Myles Nicholas Duncan, Monica Ahuja, Muhammad Suhaib Khan	A classic case of Capnocytophaga induced septic shock with multi-organ failure after a dog bite in an asplenic patient	1:20 – 2:20 pm	2
Clin	Kenzie C. Hoover, Emily L. Ryan	Exploring the Clinical Utility of the Reverse Algorithm in Syphilis Screening at Atrium Health Navicent in Macon, GA	1:20 – 2:20 pm	3
Clin	Gia A. Jackson, Kayla P. Carpenter, Kyle A. Hess, Caitlin S. Brown, Fernanda Bellolio, M.D.,M.S	Comparison of Anticoagulation Reversal Strategies for Warfarin Associated Gastrointestinal Bleeding	1:20 – 2:20 pm	4
Clin	Trung Pierre Nguyen, BS1, Larry Nichols, MD	A 53-year-old woman with weakness, lethargy, nausea, vomiting and diarrhea	1:20 – 2:20 pm	5
Clin	Caroline G. Poole <sup>1</sup> , Paul D. Byrd <sup>2-3</sup> , and Caroline E. Anglim, PhD	Faith and Health Collaborations for Healthier Communities: A Landscape Analysis	1:20 – 2:20 pm	6
Clin	Marshall Scott, Camden Tucker, Dr. Gretchen Bentz, Dr. Robert Visalli, Dr. Emily McMackin	Mapping Herpesvirus Encephalitis: Insights from Imaging and Initial Clinical Presentation	1:20 – 2:20 pm	7
Clin	Mary Catherine Stamey	Using Centering and Telemedicine Models to Address Maternal Care Deserts in Rural Georgia	1:20 – 2:20 pm	8



Clin	Abby Young, Dr. Emily Ryan	Conventional cardiac troponin versus new high sensitivity cardiac troponin testing	1:20 – 2:20 pm	9
Epi	Dylan Fromm, Yudan Wei	Alcohol consumption and decreased serum $\alpha$ -Klotho, an anti-aging hormone, levels among US adult participants	1:20 – 2:20 pm	10
Epi	Raina Modi, David Hollar	Analyzing Geospatial Health Factors Impacting Child Abuse Rates: A County-Level Study in Georgia	1:20 – 2:20 pm	11
Epi	M. Bailey Boyd, Final Patel, Laura Ross, Stephanie Basey, & Anne Montgomery	Resources for Rural Intimate Partner Violence Victims	1:20 – 2:20 pm	12
Epi	Lauren Chitwood, Andrew Register, Laura Ross, Stephanie Basey, Anne Montgomery	Farmers and Consumers: Fostering Local Partnerships to Promote Agriculture	1:20 – 2:20 pm	13
Epi	Betsy E. Smith, Amara E. Ezeamama, Annsley Haynes Fox, Jennifer L. Barkin, AnnMark H. Ebell, Toni P. Miles	The Association between Cumulative Stressful Life Events and the Development of Cardiovascular Disease in Aging U.S. Adults	1:20 – 2:20 pm	14
Epi	James E. Drummond and Szabolcs Blazsek	One Pandemic or Two: Extra deaths in the Covid-19 era	1:20 – 2:20 pm	15
Epi	M. Bailey Boyd, Final Patel, Laura Ross, Anne Montgomery	Resources for Rural Intimate Partner Violence Victims	1:20 – 2:20 pm	16
Clin	Faiza Amatul-Hadi	Evaluating the Efficacy of CBD Moisturizer in Alleviating Xerosis Dermatoses: A Randomized Controlled Trial	1:20 – 2:20 pm	17
Clin	Cory Nonnemacher, Paul Dale, Anthony Scott, Mary Rachel Bonner	Neoadjuvant Chemotherapy and Surgical Decision Making in Locally Advanced Breast Cancer	1:20 – 2:20 pm	18
Clin	Andrew Ensley, Sonny Patel, Henna Iqbal, Muhammad Khan	From Commensal to Opportunist: A Case of <i>Trueperella bernardiae</i> -Associated Cellulitis and Septic Shock	1:20 – 2:20 pm	19
Clin	Taliyah Henderson; Anne Montgomery; Chris Scoggins	Rural Physician Technology Dependence: Evaluating Competence During Technological System Outages	1:20 – 2:20 pm	20

Clin	Bree C. Kelley and Jeffery Hinson	Incidence and duration of air bubbles developed from phacoemulsification cataract surgery	1:20 – 2:20 pm	21
Clin	Briana Purves, Brian Childs, Vivian Anderson, Shelagh Hodson, Debbi McRann, Karen Kennedy, Sarah Hampton	Using Next-of-Kin Demographics to Increase Authorization Rates within Organ Procurement Organizations	1:20 – 2:20 pm	22
Epi	Courtney Civelli & Nicholas Maron	Community Health Connect: Enhancing Chronic Disease Management in Central Georgi	1:20 – 2:20 pm	24
Epi	Anne Montgomery, Stephanie Basey, Chris Scoggins, Lily Baucom	Comparing Stress, Coping Mechanisms, and Suicidal Ideation in Beginning and Experienced Farmers in GA	1:20 – 2:20 pm	25
Epi	James Dunaway, Anne Montgomery, Stephanie Basey, Chris Scoggins, Lily Baucom	Gender-Based Differences in Stress and Coping among Farmers(N=1,394): A Cross-Sectional Study with Propensity Score Matching	1:20 – 2:20 pm	26
Epi	Anne Montgomery, Stephanie Basey, Chris Scoggins, Lily Baucom	Comparison of Farmers' Stressors and Coping Mechanisms with Farmer Spouses	1:20 – 2:20 pm	27
Epi	Mohammed Hussain Syed and David Hollar	Likelihood of Cancer mortality based on Gene Mutation rate of TTN and MUC16	1:20 – 2:20 pm	28
Clin	Mary Rachel Bonner	Pathological Tumor Size Versus Mammography, Sonography and MRI in Breast Cancer Based on Pathologic Subtypes	1:20 – 2:20 pm	29
MedEd	Anita Medepalli, Marylou Wallace, Zuri St. Julien, Heather L. Prigmore, Robert Greevy, Sarah Schrauben, Devika Nair, Rachel Fissell, Julia B. Lewis, Kerri L. Cavanaugh, Kenneth Resnicow, Ruth Wolever, Ebele M. Umeukeje	Protocol of MoVE TRIAL: MotiVational Strategies to Empower African Americans to Improve Dialysis Adherence.	1:20 – 2:20 pm	30

<b>Savannah</b>			
Biomed	Emily Clifton, Matthew Corn, Veronica Hermanns, Stan Heath, Mohammed Abdelsaid	Inhibition of Obesity-Induced Ephrin-B2 Expression Reduces Melanoma Growth	12:15 – 2:30 pm
Biomed	Matthew Corn; Emily Clifton; Stan Heath; Veronica Hermanns; and Mohammed Abdelsaid	Losartan, an angiotensin receptor blocker, attenuates COVID-19- induced stroke and cerebrovascular complications	12:15 – 2:30 pm
Biomed	Katie Cuadrado, Jordan Harrow, Maher Saadeh, Martin Tomov, Vahid Serpooshan, Holly Bauser-Heaton	Optimization of Cellular Constructs in 3D Bioprinting: Materials Comparison for Functional Smooth Muscle Cell Incorporation	12:15 – 2:30 pm
Biomed	Wei-Hsiung Yang, MacLaren A. Durkee	Transcriptional Activity of p53 and MDM2 Constructs p53 Luc(14x) in H1299 cells	12:15 – 2:30 pm
Biomed	Tyler U Faircloth, Hamed Massoumi, Sara Temple, Peiman Hematti, Ali R Djalilian, Elmira Jalilian, Raghavan Chinnadurai	Investigation of the immunomodulatory properties of human bone marrow and cornea derived Mesenchymal Stromal Cells	12:15 – 2:30 pm
Biomed	Himani Patel, Trey Doss, Jong-Hyuk Lee	The effects of elephant derived MDM2 on p53 expression	12:15 – 2:30 pm
Biomed	Daniel M. Pham, Himangshu S. Bose	Thermal Stress-Induced AIPB Expression and Reduction of Estradiol Synthesis	12:15 – 2:30 pm
Biomed	Madeline Pham, Vivek Choudhary, Wendy Bollag	ARYL HYDROCARBON RECEPTOR INHIBITOR'S EFFECT ON SKIN DIFFERENTIATION, PROLIFERATION, AND INFLAMMATION	12:15 – 2:30 pm
Biomed	Scott, S.D., Di Grandi, M., Visalli, M.A., and Visalli, R.J.	Targeting Herpesvirus DNA Encapsidation Via Disruption of Portal-Scaffold Protein Interactions	12:15 – 2:30 pm
Biomed	Hunter B. Tinker and Himangshu S. Bose	Aromatase Interacting Partner in Breast (AIPB) directly contributes to estradiol synthesis in Triple- negative breast cancer (Er-/Pr- /Her2-)	12:15 – 2:30 pm

Biomed	Anna-Bryce Tucker, Dr. Raghavan Chinnadurai, Tyler Faircloth	Defining the Angiogenic Properties of Mesenchymal Stem Cells in Graft Versus Host Disease	12:15 – 2:30 pm
Biomed	Sahan Vangala	Visualizing FACs, CyTOF, and CiteSeq Analysis of Relapsed and Refractory Multiple Myeloma Patients Using UMAP and tSNE	12:15 – 2:30 pm
Biomed	Allen, J., Visalli, M.A., and Visalli, R.J	Characterization of Herpes Simplex Virus Type 1 Portal Protein Mutants	12:15 – 2:30 pm
Clin	Priya Arya, Joshua Moore	Review of Techniques Utilized in Free Flap Reconstructive Procedures	12:15 – 2:30 pm
Clin	Priya Arya, Mikalah Maury, Kimberly Roth, David Posas, Robert Liebman, Matthew Ochsner	Clinical and Prognostic Factors of Submandibular Gland Malignancies: A SEER Analysis	12:15 – 2:30 pm
Clin	Abdelrahman Yousif, Julie Ngo, Deena Ahmed, Jenny Lachance, Benjamin Mize, Ilana Chefetz	Predictive factors of conversion from Minimally Invasive surgical approaches to open surgery in endometrial cancer	12:15 – 2:30 pm
Clin	William Clifton	Rural disparities in genetic screening for cancer: a void that can be filled by primary care physicians	12:15 – 2:30 pm
Clin	Bryce Crew, Lane Hatcher, Priya Arya, Justin Choi, David Newton, Chadwick Stouffer	Evaluating Modified Hybrid Convergent Ablation in the Treatment of Persistent and Long- Standing Persistent Atrial Fibrillation	12:15 – 2:30 pm
Clin	Meena Dhir, Jacqueline Brown	Management of High-Risk Upper Tract Urothelial Cell Carcinoma: A Review on Neoadjuvant Therapy vs. Adjuvant Therapy	12:15 – 2:30 pm
Clin	John T. Exum and Sarah E. Rotschafer	Autism and Law Enforcement: A Guide for Police Officers and for Families of People with Autism	12:15 – 2:30 pm
Clin	Carlton Faulk, Jr., Dipti Anand	Calciphylaxis and The Importance of the Physical Exam	12:15 – 2:30 pm
Clin	Madeline Grace Hurley; Chad Evans	Failed Lumbar Fusions in Patients with Renal Insufficiency Undergoing Transforaminal Lumbar Interbody Surgery: A Retrospective Study	12:15 – 2:30 pm

Clin	Leis, C.F., Grumbles, V., Patel, M.	Evaluating Trends in Frailty Prevalence in A Geriatric Population	12:15 – 2:30 pm
Clin	Sarika Mahajan, Sarah E. Rotschafer	Navigating the Symptoms of Autism Spectrum Disorder for Rural Georgia Communities	12:15 – 2:30 pm
Clin	Mikalsh Maury; Priya Arya; Karling Gravenstein; Robert Liebman	Cross Sectional Analysis of Temporal Artery Biopsy Providers Across a Large Multi-State Healthcare Network	12:15 – 2:30 pm
Clin	Josh Moore; Priya Arya	Salvaging Clotting Free Flaps Intraoperatively: A Literature Review	12:15 – 2:30 pm
Clin	Olivia Little	Case Study of Focal Fibrocartilaginous Dysplasia of the Distal Femur	12:15 – 2:30 pm
Clin	Yenamala U. Reddy, Tina Sigamoria, Anthony Biello, Ksenia Gorbenko, Marla C. Dubinsky, Laurie Keefer	Reductions in Healthcare Utilization, Opioid Use, and Prednisone Dependence through Resilience-Enhanced Integrated IBD Care: 2 Year Follow Up	12:15 – 2:30 pm
Clin	Erin Smith, Bethany Bowling, Allison Jones	Assessing the Benefits of Kangaroo Mother Care and Improving Mother-Infant Contact Time	12:15 – 2:30 pm
Clin	Melanie Valencia	The Ethics of Health Insurance Reimbursement	12:15 – 2:30 pm
Clin	Jimmy Nguyen, Zachery Neil, Avery Duncan	The Impact of Glucagon-like Peptide-1 (GLP-1) Agonists on Pulmonary Aspiration During Anesthesia Delivery	12:15 – 2:30 pm
Epi	Anthony J. Kondracki, John Austin Ashby, and Bhuvaneshwari Muchandi	Maternal Mortality and Pregnancy-related Causes of Death across Sociodemographic Characteristics in the State of Georgia (2016-2019)	12:15 – 2:30 pm
Epi	Anthony J. Kondracki, John Austin Ashby, and Bhuvaneshwari Muchandi	Maternal Mortality and Pregnancy-related Causes of Death across Sociodemographic Characteristics in the State of Georgia (2016-2019)	12:15 – 2:30 pm
Epi	Garret Pierzchajlo, Bonzo Reddick	Management of Chronic Disease in a Rural Clinic During COVID-19 Lockdowns	12:15 – 2:30 pm
Epi	Megan Roddenbery, B.A.	Experiences of Racism and Sleep Duration in Adolescence— Adolescent Behaviors and Experiences Survey, United States, 2021	12:15 – 2:30 pm

Epi	Rebecca Ashton Taylor; Brad Lian	Advocating for the Aging: Why the Aging Population's Issues are Ours too	12:15 – 2:30 pm
Epi	Kenley R. Tyler, Raymond O. Johnson, Haley A. Sellars, Ronald E. Garner	The Impact of UV Light on Dermatophyte Infections and Overall Health	12:15 – 2:30 pm
MedEd	Kim Meeks, Gautham Mudireddy, Zachary Brieck, Dr. Robert Hodge	Reducing Stress in First-year Medical Students through an Innovative Mindfulness Meditation Training	12:15 – 2:30 pm
MedEd	Alexandria Bullock and Brad Lian	Learning How the Past Can Predict the Future: The Need for Pediatric Graduate Education on Adverse Childhood Experiences	12:15 – 2:30 pm
MedEd	Haley E. Herold, Zelma Y. Delgado, Jennifer L. Barkin	Recruitment, Retention, and Efficacy of Fatherhood Programs: A Literature Review	12:15 – 2:30 pm
MedEd	Brandi S. Jarvis, and Brendan Mahoney, Janine M. Chalk-Wilayto, Joseph A. Slattery, and Kristjan L. Thompson	Implementing an Escape Room in Graduate Medical Education for OB/GYN Residents	12:15 – 2:30 pm
MedEd	Lilly McIncrow, Alaina DJoiner, Emily McMackin	Measles Moves Fast: Measles as a Medical Education Case Study	12:15 – 2:30 pm
MedEd	Kim Meeks, Gautham Mudreddy, Zachary Brieck, Robert Hodge	Reducing Stress in First-year Medical Students through an Innovative Mindfulness Meditation Training	12:15 – 2:30 pm
MedEd	Owen Phillips, Laura Ross, Stephanie Basey, Christian Castell, Anne Montgomery	Consumer Perception of Agricultural Stress on Farmer's Mental Health and Well-Being	12:15 – 2:30 pm
MedEd	David H. Posas; Edward Klatt; and Carolyn Klatt	Is there any effect on USMLE Step 2 scores with online resource and school curriculum usage compared to 2022 and 2023 Mercer University School of Medicine Students?	12:15 – 2:30 pm
MedEd	Nicole Steel and Sarah Rotschafer	Executive Dysfunction in Autism Spectrum Disorder (ASD)	12:15 – 2:30 pm
MedEd	Reagan Williams, Andrew Jackson, Joseph Slattery	Traumatic C-spine clearance: A simulation for interprofessional settings	12:15 – 2:30 pm

---

MedEd	John David Adams, Laura Ross, William Harris Maloy, Anne Montgomery	Community Engagement: The Less Explored Side of Physician Engagement, a Review of the Literature	12:15 – 2:30 pm
-------	--	---	-----------------------

---