



## 2024 Posters

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August 1-3, 2024 – National Conference of Family Medicine Residents and Medical Students – Kansas City, MO

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The purpose of the National Conference poster competition is to stimulate research by medical students and family medicine residents, to provide a venue to share innovative and effective educational programs, and to showcase unique community projects. This year's authors offer valuable information in the categories of clinical inquiry, community projects, educational programs, and research.

### **Poster Presentations**

#### **A Path Forward: Advancing the Educational Landscape of Antimicrobial Stewardship for the Doctors of Tomorrow (Research)**

*Arman Quresh, Sarah Adkins, Alexander Bennett, and Justin Thorne | Alabama College of Osteopathic Medicine*

#### **A Pilot Study to Enhance Home Visit Efficacy: Training Impacts on Family Medicine Residents' Practice at the UT Health RGV Knapp Family Medicine Health Center (Research)**

*Karuna Manandhar, MD | University of Texas Rio Grande Valley Family Medicine Residency Program at Knapp*

#### **An NEISS Study of Concussion Rates Among 10-13 Years Olds: The US Soccer Federation Header Ban (Research)**

*Oluwatobi Lasisi, MD, MSBS | Howard University Hospital Family Medicine Residency Program  
Howard Nelson-Williams, MD, MPH, and Elizabeth Ordor, MD | Howard University Hospital  
Devaughn Mark | Howard University*

#### **Breaking Barriers, Building Health: An Initiative to Enhance Screening for Social Determinants of Health in a Residency Clinic (Research)**

*Harneet Ranauta, MD, MPH | DeTar Family Medicine Residency Program*

#### **Exploring Maternal Adverse Childhood Experiences (ACE) and Resilience: Impacts on Infant Health Outcomes (Research)**

*Alanna Goldberg, Cynthia Nguyen, and Lily Zheng | Cooper Medical School of Rowan University*

#### **Frailty, Social Determinants of Health (SDoH), and The Role of Social Workers As a Valuable Resource Assisting Patients Previously Recognized With Frailty and Pre-Frailty With SDoH Needs at the UT Health RGV (UTRGV)/Knapp Family Health Center (Research)**

*Lubna Nasr El Nimer, MD | Knapp Family Medicine Residency Program, the University of Texas Rio Grande Valley*

#### **Perceptions of Burnout and the Decision to Pursue a Career in Medicine (Research)**

*Morgan Steele and Bryanna Singh | Ross University School of Medicine*

#### **Resident Experiences With SDoH Screening & Burnout (Research)**

*Naomi Shohet, Joya Ahmad, and Shalaha Viba | SUNY Downstate Medical Center*

#### **Sensitivity and Specificity of Waist-to-Height Ratio in Screening for Type 2 Diabetes Among Asian Americans (Research)**

*Alexandria Ahlm | Pacific Northwest University of Health Sciences*

**Social Isolation As a Social Determinant of Health and Its Impact on Mortality in Community-Dwelling Adults With Cancer (Research)**

*Sandipkumar Chaudhari, MD, Prabhnoor Saraya, MD, and Shubhangi Gupta, MD | University of North Dakota Fargo Family Medicine*

**State-Wise Low Seasonal Influenza Vaccination Rates Among Children Are Correlated With the Shortage of Primary Care Providers (Research)**

*Chelsea Garcia, Paul Han, Devin Moffat, and Abbas Rizvi | Des Moines University College of Osteopathic Medicine*

**Understanding Vaccine Hesitancy: An Analysis of Caregiver Influences on Pediatric COVID-19 Vaccination Decisions (Research)**

*Neiki Rokni, Andrew Del Colle, and Matthew Nguyen | Drexel University College of Medicine  
Shu Zhao, MD | Crozer-Chester Medical Center*

**Poster Displays**

**A Novel Mobility-Impaired Patient Lift Device (Community Project)**

*Perry Blough and Katie Goodfellow | Dell Medical School at the University of Texas at Austin*

**A Resolution for Lifestyle Change: The Evolution of an Affordable 5K (Community Project)**

*Ethan Ha | John Sealy School of Medicine (UTMB)*

**Addressing Health Insurance Coverage in AHEC Clinics: Bridging a Gap in Access to Health Care (Community Project)**

*Juliana Falcon, MD | UTRGV Family Medicine at Knapp*

**Addressing the Need for Addiction Medicine Education in Family Medicine Residency (Educational Program)**

*Bianca Robertson, MD, MS, and Alex Dalton, DO | Morehouse School of Medicine at California Hospital Medical Center*

**An Examination of Food Behavior and the Barriers Preventing Food Insecure Louisiana Residents from Participating in Food Assistance Programs (Research)**

*Christine Edomwande | Louisiana State University Health Sciences Center - New Orleans*

**An Unusual Case of Ascites in a Reproductive Female (Clinical Inquiry)**

*Jodelle Kristine Felipe, MD, and Henry Ramirez, MD | TTUHSC Permian Basin  
Daniel Ho | TTUHSC School of Medicine*

**Appropriateness of Pre-Endoscopic Evaluation in Patients Referred for Endoscopy for Iron Deficiency Anemia (Clinical Inquiry)**

*Brandon Xavier | University of South Carolina School of Medicine Greenville*

**Artificial Intelligence and Access: The Future of AI-Enhanced Healthcare Mapping in Western North Carolina (Community Project)**

*Moriah Barker | UNC School of Medicine*

**Assessing Awareness, Knowledge, and Beliefs Regarding Opiates and Benzodiazepines and Deprescribing Protocols by Residents at UTRGV Knapp Family Medicine Residency Program (Educational Program)**

*Ivana Mangione, MD | University of Texas Rio Grande Valley Family Medicine Residency Program at KNAPP*

**Beyond the Clinic: Using Systems Based Practice to Address SDoH (Educational Program)**

*Aissatou Ndiaya, MD, and Christian Juson, MD | Northside Hospital Gwinnett Family Medicine Program*

**Brewing Trouble: Shiitake Mushroom Coffee and Flagellate Erythema (Clinical Inquiry)**

*Josephine McQuillan | Indiana University School of Medicine*

**BRIDging Resources Project: Providing Resource Navigation and Access to Social Resources in the Galveston Underserved Community (Community Project)**

*Anaelle Lahitte-Crohare and Jessica Ngo | University of Texas Medical Branch*

**Changing the Perception of Smoking and Vaping in the Adolescent Population of Athens-Clarke County (Research)**

*Amanda Lilley, Gi Jung Shin, Matt Busse, and Kayla Tatum | Augusta University / University of Georgia Medical Partnership*

**Contact Dermatitis or Paraneoplastic Syndrome?: A Case of Atypical Dermatomyositis Resulting in End Organ Involvement and Significant Functional Decline (Clinical Inquiry)**

*Anjali Sivendra, MD | Overlook Family Medicine  
Brianna Weissman | St. George's University School of Medicine*

**Culturally Relevant Diet Management Among Uninsured Population: Patient Survey and Resource Assembly (Community Project)**

*Claire Smeltzer | The George Washington University School of Medicine and Health Sciences*

**Diverting Antibiotic Use in Diverticulitis: A Case Study and Discussion of Guidelines (Clinical Inquiry)**

*Elizabeth Ingersent, Erik Wanberg, and Emma Donigan | Mayo Clinic Alix School of Medicine  
Autumn Hargraves, DO | Mayo Clinic Department of Family Medicine*

**Enhancing Family Medicine Residency Training: A Study on ChatGPT-4's Role in Board Examination Preparation (Research)**

*Anthony James Goodings and Sten Kajitani | University College Cork School of Medicine  
Allison Chhor and Yoo Bin Lee | University of Ottawa*

**Expanding Access to Sexual and Reproductive Health Care Among Individuals Living in Transitional Housing (Community Project)**

*Mitra Shokat, Allie Rockett, and Minh Nguyen | Oregon Health and Science University*

**Fight for Sight: Barriers and Facilitators of Eye Care at Community Free Eye Clinic (Community Project)**

*Alexandra Ferrer and Taylor DeHart | Medical University of South Carolina  
Emily Babb, MD | University of Pennsylvania*

**Go to the People: Implementing a Street Medicine Consult Service (Community Project)**

*Abbey McKee-Boyes, DO, and James Blumline, MD | Henry Ford Family Medicine Residency*

**Harnessing the Power of Diet As a Strategy to Alleviate Inflammation-Driven Progression and Symptomatology in Endometriosis (Research)**

*Amanda Strong, MS | Howard University College of Medicine*

**Health For Her: A Workshop on Preventative Health and Patient Self-Advocacy for Women in San Antonio (Community Project)**

*Beverly Hu and Kate Brickner | UT Health San Antonio Long School of Medicine*

**Identifying Social Determinants of Health Experienced by Individuals With Food Insecurity (Community Project)**

*Taylor La Valle | University of Missouri-Columbia*

**Implications of Menstrual Cycle Phase on Dyslipidemia Screening in Female Patients: A Systematic Review (Clinical Inquiry)**

*Laura Stuck and Francesca Johnson | California University of Science and Medicine*

**Improving Residents' Proficiency in Utilizing, Prescribing, Coding, and Billing for Continuous Glucose Monitoring (Educational Program)**

*Luis Vazquez Justiniano, MD | UTRGV Knapp Medical Center Family Medicine Program*

**Investigation Into the Impact of Lidocaine on Fibroblast Viability: A Cautionary Tale for Dextrose Prolotherapy in Primary Care (Research)**

*Ariela Christian, Connor Crull, Sarah Fox, and Bethany Harting | Campbell University School of Osteopathic Medicine*

**Keeping People Out of the Emergency Room: Will Education of Clinic Patients on Intra-Facility Resources Decrease Unnecessary ER Visits? (Community Project)**

*Angelo Joseph Pascasio, MD | UTRGV Knapp Family Medicine*

**Move Your Body to Move Your A1c: Decreasing A1c Levels Through Exercise Prescriptions (Community Project)**

*Morgan Chambers, MD | Penn State Hershey Medical Center Family Medicine  
Austin Frazer, MD, Jay Kadhiwala, MD, and Madeline Lee, MD | Penn State Hershey Medical Center*

**MyChart Billing: Striking a Balance Between Protecting Provider Time and Offering Accessible Care (Research)**

*Sara Alturky and Suryaa Gupta | OHSU*

**Overdose in the Primary Care Setting (Educational Program Clinical Inquiry)**

*Tricia Bautista, MD | Montefiore/Albert Einstein College of Medicine*

**Patient Assistance Programs: Optimizing Diabetes Medications in the Economically Disadvantaged (Community Project)**

*Jacqueline Falcon, MD | UTRGV Family Medicine Residency Program at Knapp*

**Pregnancy Experiences Among Farm Mothers in Rural Wisconsin: Implications for Family Medicine (Research)**

*Haley Buerger-Cole | University of Wisconsin-Madison School of Medicine & Public Health*

**Regional Differences in Demographic Representation Among Family Medicine Physicians (Research)**

*Julia Tomtschik and Iman Mahoui | University of Rochester School of Medicine and Dentistry*

**Sun Protection for the Population Experiencing Homelessness in Pontiac, Michigan (Community Project)**

*Caroline Roberts and Madison Romanski | Oakland University William Beaumont School of Medicine*

**The Feasibility of Unconditional Cash Transfers As Health Interventions: Reducing Post-Incarceration Income Instability to Improve Chronic Health (Research)**

*Evan Cao | Yale University School of Medicine*

**The Role of Female Peer Mentorship in a 3-Tier Mentorship Model: Limitations and Expectations at a US MD School (Educational Program)**

*Danielle Wood and Sofia Russo | University of Texas Health Science Center San Antonio Long School of Medicine*

**Utilizing Machine Learning in the Classification and Diagnosis of Lung Cancer: A Novel Approach (Research)**

*Anna Nguyen and Akshay Reddy | California University of Science and Medicine*

**Weight Bias in Medical Education (Educational Program)**

*Dana Shefet | Brody School of Medicine*