



## 2020 Posters

July 30-August 1, 2020 – National Conference of Family Medicine Residents and Medical Students Online

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. The AAFP Foundation Leadership Project posters will also be on display.

### Clinical Inquiry

#### **A Curious Case of "Being Stuck Underwater Holding Your Breath"**

*Fiona Axelsson, MD, and Katrina Foster, MD | University of North Dakota*

#### **A Curious Case of Isoniazid-induced Hepatotoxicity in a 40-Year Old Woman With Auto-immune Hepatitis-primary Biliary Cirrhosis Overlap Syndrome**

*Priscilla Auguste and Desmond Ponder | Ross University School of Medicine*

*Kenna Odom, DO, and Amrit Parhar, DO | University of Maryland Capital Region Medical Center*

#### **A Family Physician's Role in Preventing Preeclampsia in High-risk Pregnancies**

*Ina Bodinaku | Tufts University School of Medicine*

#### **A Newer Strategy for Acute Non-alcoholic Steatohepatitis (NASH)**

*Anupamjeet Kaur Sekhon, MD, and Aniruddha Gollapalli, MD | Texas A&M DeTar Family Medicine Residency*

*Dharamjeet Kaur, MBBS | Government Medical College, Amritsar*

#### **A Novel Betacoronavirus Comes to Town**

*Robert Matroni, DO | Cahaba Medical Family Residency*

#### **A Simple Case of Low Back Pain or Is It More?**

*Tayyab Malik, MD, MBA, and Diana Palanker, MD | Hackensack Meridian Health - Palisades Medical Center*

#### **Acute Influenza Encephalitis/Encephalopathy Associated With Influenza A in an Incompetent Adult**

*Angela Edet, MD | St. Joseph Medical Center*

*Katherine Ku and Irene Guzman | Touro University College of Osteopathic Medicine*

#### **Addressing Social Drivers of Health in the Primary Care Setting: Using an Electronic Platform to Screen and Refer Patients to Community Resources**

*Roosevelt Campbell, MD, PhD, Clayton Cooper, MD, MBA, and Ashley Dougherty, MD | Duke Family Medicine*

#### **Alopecia Areata: Hair Loss and Quality of Life**

*Lisa DiBona | Royal College of Surgeons, Ireland*

#### **Art of Cryotherapy: Treatment for Basal Cell Carcinoma**

*Kacie Paik, MD | University of California, Riverside*

#### **Cannabis-induced Psychosis in a Patient Self-medicating for Anxiety: The Importance of THC:CBD Ratio in Cannabis Products**

*Karina Doucet, Emmanuel Morakinyo, and Jay Keith | St. George's University School of Medicine*

#### **Carcinoid Syndrome Diagnosed After Two Years of Chronic Intractable Vomiting and Diarrhea**

*Angela Edet, MD | St. Joseph Medical Center*

*Irene Guzman and Katherine Ku | Touro University College of Osteopathic Medicine*

**Case of Gurlits Syndrome: Acute Esophageal Necrosis Disguised as Adult Onset Epiglottitis**

*Jay Vithalani, MD | St. Joseph's Medical Center*

**Cervical Rhabdomyosarcoma: Botryoid Type With Possible Involvement of DICER1 Gene Mutation**

*Sonia Randhawa | Ross University School of Medicine*

*Christopher Johnson, MD | Prince George's Hospital Center Family Medicine Residency*

**C-section Scar Endometriosis Implant Presenting as an Abdominal Hernia**

*Jacqueline Jansz | California Northstate College of Medicine*

*Ashley Rubin, DO, and Gurjeet Sanghera, DO | Dignity Health Methodist Hospital of Sacramento*

**Cytomegalovirus Infection in Refractory Ulcerative Colitis**

*Diana Palanker, MD, HMM, and Tayyab Malik, MD, HMM | Palisades Medical Center*

**Delayed Diagnosis of Post Polio Syndrome: A Case Report**

*Sidharth Ramesh | University of Missouri - Kansas City School of Medicine*

**Early Pregnancy Loss**

*Chinwe Okoye-Oyibo | St. George's University School Of Medicine*

**Expect the Unexpected in Tenosynovitis**

*Janet Le, MD, and David Perkins, MD | DeTar Family Medicine Residency Program*

**Hattiesburg in a Helpless State: Understanding the Toll of Clinically-acquired Learned Helplessness**

*Dakarai Moton | New York Institute of Technology College of Osteopathic Medicine at Arkansas State University*

**IUD Complications With Tubo-ovarian Abscess**

*Sheri Walls and BaoQiang Li | Ross University School of Medicine*

**Klebsiella Pneumoniae Liver Abscess in a Diabetic Patient Following Blunt Abdominal Trauma**

*Sheri Walls and BaoQiang Li | Ross University School of Medicine*

**Lasting Psychosocial Impact of a Pandemic**

*Padmani Doobay and Hira Hussain | St. George University*

**Medication Nonadherence and the Physician's Role**

*Aisha Alam | Caribbean Medical University*

**Obstructive Sleep Apnea in Patients With Cerebral Palsy**

*Trisha Parab, MD | Midmichigan Medical Center - Midland*

**Pediatric Subperiosteal Orbital Abscess**

*Patrick Correa, DO | Hackensack Meridian Health - Ocean Medical Center Family Medicine Residency*

**Punked by a Puck**

*Benjamin Beduhn, MD | University of Michigan Family Medicine Residency*

*Colton Mabis | St. George's University School of Medicine*

**Refractory Erythema Multiforme in a Pediatric Patient**

*Katharyn Mirzaee, MD | Midland Family Medicine Residency Program*

**Ruptured Right Broad Ligament Ectopic Pregnancy in a Patient With Prior Right Salpingo-oophorectomy: A Case Report**

*Salma Mohammadi, DO | Wellspan Good Samaritan Hospital Family Medicine Residency*

**Slipping Through the Cracks: More Research Needed for Early Detection of Lung Carcinoma**

*Ashleigh Fisher | Marian University College of Osteopathic Medicine*

### **Surviving the Impossible: A pH Incompatible With Life**

*Brittney Grella, MD, and Alex Gusler, MDH | Hackensack Meridian Health Ocean Medical Center Family Medicine Residency*

### **Third Case of Malignancy in a Patient With Morquio Syndrome: A Clinical Inquiry**

*Geethu James | Nova Southeastern University Kiran C. Patel College of Osteopathic Medicine*

### **Thymoma in Myasthenia Gravis**

*Sheri Walls and BaoQiang Li | Ross University School of Medicine*

### **To Bleed or Not to Bleed**

*Shirin Amlani, DO | Cahaba UAB Family Medicine Residency*

### **Triglycerides, Pancreatitis, and Diabetes: Cause or Effect? A Case Study**

*William Nichols, MD | WellStar Kennestone Family Medicine*

### **Varicella-zoster Encephalitis in a Shingles Vaccine-naïve Patient**

*Bu Jung Kim, MD | Geisinger Kistler Family Medicine Residency Program*

## **Community Project**

### **Cane Closet: Fall Prevention at No Cost**

*Coral Li | Northeast Ohio Medical University*

### **Collaborative Development of a Digital Tool for Public Diabetes Education**

*Sohail Vaghari | St. George's University*

### **Development of an Integrated Electronic Referral System to Local Diabetes Prevention Programs Within a Family Medicine Clinic**

*Karen Scherr, MD, PhD, and Matthew Geisz, MD | Duke University Family Medicine Residency*

### **Diabetes Quality Improvement at the Largest Volunteer-based Health Center in the United States**

*Max Harris | Rush Medical College*

### **Doctors of Tomorrow Capstone Curriculum: Fostering Activism and Leadership Skills in Detroit Youth**

*Ariella Iancu, Tom Hester, and Michael Broderick | University of Michigan Medical School*

### **Drowning Crisis and Prevention in South Florida**

*Kaitlyn Cocuzzo and Brianna Cocuzzo | Nova Southeastern University College of Allopathic Medicine*

### **Food Insecurity in Nashville, Davidson County**

*Jacob Uskavitch | Meharry Medical College*

### **Home-based Interactive Nutrition Education With Low-Income Families in Southeast D.C.**

*Bridget Doyle and Chloe Weidenbaum | A.T. Still University School of Osteopathic Medicine in Arizona*

### **Implementing Translated Results Letter Templates to Improve Results Communication With Limited English Proficiency (LEP) Patients: A Quality Improvement Project**

*Jose Flores-Rodarte, MD, MPH, Viet Nguyen, MD, and Christina Miles, MD | University of Washington Family Medicine Residency*

### **Improving HbA1C in Non-adherent Insulin-dependent Diabetic Patients With CSII**

*Michael Schriver, MD, and Prabhdeep Singh, MD | Orange Park Medical Center Family Medicine*

### **K-12 Healthcare Career Engagement**

*Holly Pittard, Hannah Verrilli, and Obeth Bahena Gutierrez | Brody School of Medicine at East Carolina University*

## **Maternal Mortality and Partera Use in Oaxaca, Mexico**

*Carmen Simmons | Meharry Medical College*

## **Phase II: The Challenges of Providing Education and Awareness of Aortic Stenosis to the Geriatric Population of Medically Underserved Primary Care Clinic**

*Carmen Avramut, Jea Ho Yu, George Matar, and Libing Dong | Central Michigan University College of Medicine*

## **Qualitative Definitions of LGBTQIA+ Inclusivity in the Colorado Health Care Environment**

*Corey Walsh, Maximilliam Cabrera, and Carley Little | University of Colorado School of Medicine*

## **Surviving the Supermarket**

*Todd Estabrook, MD | Phelps Family Medicine Residency Program*

## **The American Family Physician Perspective on a Clinical Community Shared Model of Care to Treat Childhood Obesity**

*Cara Hall, MD | Duke University*

## **Veggie Rx: Increasing Fresh Produce Affordability to Improve Dietary Intake by Student-run Free Medical Clinic Patients**

*Julia Zheng | Rutgers Robert Wood Johnson Medical School*

## **Virtually Fighting an Unseen Foe With Mayo Clinic's COVID-19 Virtual Clinic**

*Tarang Jethwa, MD, Angie Ton, MD, and Carolina Stefany Paredes Molina, MD | Mayo Clinic Florida Family Medicine Residency*

## **Voices to End Female Genital Mutilation/Cutting**

*Mariam Sabir | American University of the Caribbean School of Medicine  
Zahra Qaiyumi | Frank H. Netter MD School of Medicine*

## **Educational Program**

### **Creation of an 18-month Didactic Curriculum**

*Whitney Wolfe, DO | University of Maryland Capital Region Health, Prince George County Hospital*

### **Designing a Community Health Worker Training Curriculum Using Observed Structured Clinical Encounters (OSCEs) With Partners in Health in Chiapas, Mexico**

*Daniel Gonzalez | Harvard Medical School*

### **Improving Spanish-speaking Performance Utilizing Standardized Patients in the Peer-led Medical Spanish Program (PLMSP)**

*Brianna Martinez | Loyola Stritch School of Medicine*

### **Increasing Nutrition Awareness in South Texas Populations**

*Giselle Guerrero and Jomari Guerrero | University of Texas Health San Antonio*

### **Physician Attitudes Towards Integrative Medicine and Specific Alternative Therapies**

*Henna Parmar, MD, Alexander Dydyk, DO, Jason Anderson, MD, and Joshua West, MD | Abrazo Family Medicine Residency Program*

### **Piloting a Peer-led Wellness Curriculum for Undergraduate Medical Students**

*Margaret Musso | Loyola Stritch School of Medicine*

### **Stimulating Scholarly Activity in an Academic Family Medicine Department: A Needs Assessment**

*Kayla Hatchell | Geisel School of Medicine at Dartmouth*

### **Student Health Coaches: A Novel Approach to Integrating SDH Education**

*Claire Edelson, Meselle Jeff-Eke, Robert Louis, and Emily Goggins | Emory University School of Medicine*

## **The Halvorson Home Visit: Improving Patient Outcomes and Resident Education**

*Cyril Torado, MD, and Alessandra Pizzolato, MD | Altru Family Medicine Residency*

## **Transgender Health Grand Rounds: Combining Cultural Competency and Clinical Knowledge in Physician Education**

*Jesse Krikorian and Elsa Stoff | Cooper Medical School of Rowan University*

## **Treatment of Chronic Hepatitis C Infection With Direct-acting Antiviral Therapy by Primary Care Resident Physicians: An Educational Intervention**

*Joshua Morgan, MD, MPH | Conroe Family Medicine Residency*

## **Research**

### **“Abortion Is Just Another Normal Part of Health Care”: Evaluating Papaya Workshops as a Tool to Destigmatize Abortion**

*Geeth Kavya Minama Reddy, MD | Mount Sinai Downtown Residency in Urban Family Medicine*

### **A Clinical Population Health Analysis by Zip Code: A Comparison of Obesity to Social Determinants of Health (SDoH)**

*Vaidehi Ambai, DO, Puja Mehta, MD, Lucy Andrea Triana Mendez, MD, and Christine Sipple, MD | WellStar Kennestone Family Medicine Residency Program*

### **A Closer Look at Frequency of Diabetes Mellitus Office Visits and HgbA1c Control**

*Emmet Fenichel, MD | Hackensack Meridian Mountainside Family Practice*

### **A Survey Assessment of Epinephrine Injector Accessibility Within Pitt County, NC Restaurants**

*Holly Pittard, Hannah Verrilli, and Breann Zeches | Brody School of Medicine at East Carolina University*

### **Access to Primary Care for LGBTQ Patients in Rural Minnesota**

*Mitchell Moe | University of Minnesota Medical School*

### **An Evaluation of the Current Curricula Regarding Reproductive Health Topics and Methods of Family Planning at United States Medical Schools**

*Kaitlin VanderKolk | University of Colorado*

### **Assessing Enthusiasm of Screening Mammography Text Messages for African American Women**

*Paapa Nyanin, | University of Maryland School of Medicine  
Amina Dhahri, MD | University of Maryland Prince George's Hospital Center*

### **Buprenorphine Training and Waiver Provision During Residency: Impact on Future Prescribing Patterns**

*Victoria Boggiano, MD MPH | University of North Carolina Family Medicine at Chapel Hill*

### **Concord or Discord? How Nursing Home Staff's Perceptions of Residents' Priorities Compare to Reality**

*Alyssa Thomas | Frank H. Netter School of Medicine*

### **Demographics of Interventional Radiology-guided Biopsies in a Community Hospital**

*Brittney Grella, MD, and Erica De Clemente, MD | Hackensack Meridian Health Ocean Medical Center Family Medicine Residency*

### **Enhancing Value-based Health Care With Walk-in Clinic Hours: A Primary Care Provider Intervention to Decrease Low Acuity (ESI 4-5) Emergency Room Overutilization**

*Derek Baughman, MD | WellSpan Good Samaritan Hospital Family Medicine Residency Program*

## **Examining Physician Attitudes Towards Sadomasochism**

*Angie Koo and Nicholas DeFelice | University of Illinois College of Medicine*

## **Hiding Behind the Hospital Curtain**

*Leah Brown, MD | Internal Medicine Residency at Vanderbilt University  
Safia Siddiqui | WellStar Kennestone Hospital Family Medicine Residency*

## **I Know Me: A Pilot Feasibility Study of Photovoice With Complex Care Patients**

*Ben Kaplan | University of North Carolina School of Medicine*

## **Impact of RN-led Medicare Annual Wellness Visits on Preventive Services**

*Carolina Paredes Molina, MD | Mayo Clinic School of Medicine*

## **Improving Access and Removing Barriers to Long-acting Reversible Contraception at an Inner-city Academic Medical Center**

*Mary Reid, MD | Detroit Medical Center Wayne State University Obstetrics and Gynecology Residency Program  
Maurice-Andre Recanati, MD | Wayne State University School of Medicine  
Nimish Sudan | American University of Integrative Science School of Medicine  
Monica Mansour | Wayne State School of Medicine*

## **Infants Cared for by Mother's Family Physician Maternity Care Provider Have Higher Well-baby Attendance Rates**

*Bridget Doyle | A.T. Still University School of Osteopathic Medicine in Arizona*

## **Is There a Link Between Cesarean Section Indication and Ethnicity? A Retrospective Data Analysis**

*Christopher DeAngelo, Katherine Pattee, Charles Oertli, and Sasha Yovanovich | Creighton University School of Medicine*

## **Lacking Companionship: What Does It Mean and How Can We Help?**

*Amanda Hurtig, Brendan Cokington, Corbin Wertz, and David Warnky | University of Kansas School of Medicine*

## **Marijuana and Mental Health**

*Abdulrahman Rahim, DO | Samaritan Family Medicine*

## **Open Access for CRC Screening for Uninsured and Underserved Patients of FQHC in Miami-Dade County: Quality Improvement Pilot Project Evaluation**

*Evelina Todd, MD, and Magdeley Mordan, MD | Borinquen Health Care Center*

## **Patterns of Access and Healthcare Utilization Among Non-urban Transgender and Nonbinary Patients at a Large Safety Net Health System in Colorado**

*Corey Walsh | University of Colorado School of Medicine*

## **Primary Care Needs in Survivors of Gun Violence**

*Danny Flautero | Georgetown School of Medicine*

## **Risk and Predictors of Suicide Among Patients With Breast Cancer in the United States**

*Esha Sharma, MD | Baptist Memorial/Church Health Family Medicine Residency Program*

## **Rural Implementation of a Buprenorphine Program for Opiate Use Disorder: A Single Instrumental Case Study**

*Cara Eberhardt | University of California San Francisco*

## **Storytelling in Primary Care: The Effect of Mifepristone Regulations on Clinicians and Patient Care**

*Roya Yavari, MD | Mount Sinai Downtown Residency in Urban Family Medicine  
Libby Brubaker, DO | Harlem Residency in Family Medicine*

## **Valuable Interventions for Food Insecurity: Patient Perspectives**

*Catherine Kress, DO, and Jaya Durvasula, MD | Western Wisconsin Rural Family Medicine Residency*

## **Additional Displays: AAFP Foundation Leadership Projects**

### **Addressing the Lack of Healthcare Services Utilized by Uninsured Immigrants in Palm Beach County, Florida**

*Nigel Jagoo, MS, MSM | Edward Via College of Osteopathic Medicine-Auburn*

### **Beyond the Birds and the Bee's: A Comprehensive Sexual Education**

*Karishma Tolani, MD | Virginia Commonwealth University Riverside Family Medicine Residency, Newport*

### **Fostering C.A.R.E: Coordinating Access to Healthcare Resources for Transition-Aged FostEr Youth**

*Aaron Thompson MD, MS | Cone Health Family Medicine Residency, Greensboro*

### **Growing Grit at the Front Lines: Its Potential Impact on Professional Quality of Life Among Family Medicine Residents**

*Carolyn Pearce, MD | Ventura County Medical Center Family Medicine Residency*

### **Health Literacy Promotion for Obesity Prevention in Children and Adolescents**

*Nicole Rosemin | American University of Integrative Sciences/School of Medicine, St. Michael*

### **Identifying and Addressing Food Insecurity in a Milwaukee Family Medicine Residency**

*Nicole Runkle | Medical College of Wisconsin, Wauwatosa*

### **Revamping Chronic Pain in the Via Christi Family Medicine Residency**

*Matthew Traxler, MD | Via Christi Family Medicine Residency, Wichita*

### **Screening for Traumatic Stress in Latinx Immigrant Adolescents**

*Elizabeth Wetterer | Georgetown University School of Medicine, Washington, DC*

### **Tibetan American Medical Association (TAMA)**

*Dorjee Norbu | Rush Medical College, Chicago*