



# AAFP

## 2021 Posters

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July 29-31, 2021 – Virtual National Conference of Family Medicine Residents and Medical Students

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

### **Clinical Inquiry**

#### **A Case of Intermittent Unilateral Axillary Lymphadenopathy**

Kimiko Tsuchiya, DO, MHS | Desert Regional Family Residency Program

#### **A Common Underdeveloped and Developing Countries Disease Known as Neurocysticercosis (NCC) in the US as a Vigilant Case for General Practitioners**

Ahmad Behzadpour | American University of the Caribbean

#### **A Cross Sectional Study of Family Medicine Residents to Assess Temporality of Exposure to Social Determinants of Health (SDH) During Medical Training and Its Effect on Perceived Capability to Handle SDH in Clinical Practice**

Neev Shah | Drexel University College of Medicine

#### **A Curious Case of Herpes Zoster in a Healthy 31-year-old Male Post-COVID-19 Infection**

Anum Khan, Samir Beso, Simranjit Deol, and Rummanu Yeasin | Windsor University School of Medicine

#### **A Delayed Diagnosis of Acute Intermittent Porphyrria in a 21-year-old Female**

Hamda Sajjad and Tam Le | American University of Caribbean Medical School

Jack Schnur | St. George's University School of Medicine

#### **A Rare Case of Pembrolizumab Associated Encephalopathy**

Rajanbir Singh | Xavier University School of Medicine

#### **A Rare Case of Rhabdomyolysis Associated With Novel Coronavirus Infection**

Diana Palanker, MD; Jaime Diaz, MD; and Manuela Noriega, DO | HMM Palisades Medical Center

#### **A Rare Primary Squamous Cell Carcinoma of the Parotid Gland from Difficult Diagnosis to Successful Cure**

Xixi Wu | Ross University School of Medicine

#### **A Review of the Manifestations of Anxiety and Impact of Endometrial Pain in Patients of Reproductive Age**

Apurva Mallampati and Krysten Corzo | St. George's University School of Medicine

#### **A Unique Case of Trauma-associated Tic Disorder: A Primary Care Primer for Identifying Signs of Sexual Abuse in Children and Adolescents**

Cassidy Koo and Justine Ku | UC Riverside School of Medicine

### **Acute Primidone Overdose in the Geriatric Patient**

Ross Lenzen, DO | Conway Regional Family Medicine

### **An Unusual Presentation of Bullous Systemic Lupus Erythematosus With Angioedema**

Rafael Del Valle, MD | Manati Medical Center Family Medicine Residency

### **Asian Origin Complementary and Alternative Medicine Perceptions Among Medical Students**

Ana Christina Reyes, Alexandra Over, Connie Chen, and Elise Hsu | Touro College of Osteopathic Medicine-NY (Harlem)

### **Autoimmune Hemolytic Anemia in the Setting of COVID-19 Positivity**

Jacob Leroux, DO | McLaren Bay Region Family Medicine Residency

Angelina Cerimele | Michigan State College of Osteopathic Medicine

### **Avoiding Vaccine Injury During COVID: A Case of Adhesive Capsulitis Provoked by Improper Influenza Vaccine Administration**

Kevin Benavente and Ayesha Quraishi | Marian University College of Osteopathic Medicine

### **Baking Soda Pica Causing Ventricular Fibrillation**

Chenxi Song, MD | Sutter Family Medicine Residency Program

### **BMI at Delivery as a Predictor of Obstetrical-neonatal Complications**

Cristina Marti-Amarista, MD | Hofstra Northwell at Southside Hospital Family Medicine Residency Program

### **Bow Hunters Stroke: Rare Cause of Stroke in Pediatric Population**

Aqsa Khan, MD; Jane Park, MD; and Ashraf Mahmood, MD | Hackensack Meridian Health Palisades Medical Center

### **Cryptogenic PFO as a Cause of Major Embolic Stroke in a Trauma Patient: A Word to the Wise**

Desirae Ehley, Eamonn Byrnes, and Jacquelyn Kennedy | FSU College of Medicine

### **Diagnosing Myocarditis in a Young Adult in the Setting of a Normal ECG**

Shivanie Ramdin and Prachi Singh | Nova Southeastern University Dr. Kiran C. Patel College of Osteopathic Medicine

### **Gastric Signet Ring Cell Carcinoma in a Young Female: A Rising Incidence**

Claire Hoang | Kansas City University

Himadri Shah and Ahjay Bhatia | Nova Southeastern University Dr. Kiran C. Patel College of Osteopathic Medicine

### **How Would You Respond If a 9-year-old Child Asks You, "What is Wrong With Me?"**

Aqsa Khan, MD and Omead Mirgoli, MD | Hackensack Meridian Health Palisades Medical Center, North Bergen, NJ

### **Hydroxyzine Induced Epistaxis**

Jasleen Rai | Aureus University School of Medicine

Amit Grewal | Windsor University School of Medicine

### **Iatrogenic Cushing Syndrome with Osteoporosis Secondary to Inhaled Fluticasone and Ritonavir**

Shreena Dhawan, MD | University of Mississippi Medical Center

### **Infective Endocarditis During the Pandemic**

Kevin Smith | A.T. Still University Kirksville College of Osteopathic Medicine

### **Inpatient Medication-induced Hypoglycemia: An Opportunity to Address Overtreatment in High Risk Patients**

Jamie Mathews | University of Texas Medical Branch

### **Interest and Feasibility of Implementing a Virtual Positive Parenting Program in Santiago, Chile**

Jessica Meyer | University of Rochester School of Medicine and Dentistry

### **Is Epinephrine Still the Digital Boogeyman?**

Amanda McMellon and Seth Bayird | Arkansas College of Osteopathic Medicine

### **Isotretinoin Associated Rhabdomyolysis: Monitoring Creatine Kinase**

Ludonir Sebastiany, MD, MS | Community Health of South Florida Inc.  
Sophia Reyes-Hadsall | University of Miami Miller School of Medicine  
Sergey Arutyunyan, DO | Larkin Community Hospital Inc.  
Alan Wong | LECOM

### **KLA Mimicking Metastatic Disease: An Emerging Global Health Problem**

Muthumeena Kannappan, MD, MPH | SUNY Downstate Health Sciences University

### **Lung Cancer Screening: What Has Changed and What Can We Learn from It?**

Camille Celeste Go, MD and Sylvia Paesani, MD | Larkin Community Hospital Palm Springs Campus Family Medicine Residency

### **Malignant Transformation of Testicular Teratoma to PNET: A Case Report**

Daniyah Elagi, MD | Texas Tech University Health Sciences Center

### **Median Arcuate Ligament Syndrome: A Forgotten Cause of Abdominal Pain**

Himanshi Chopra, MD | McLaren Oakland Family Medicine Program

### **Metastatic Prostate Cancer: An Analysis of Predisposing Risk Factors and Screening Guidelines**

Arti Bhukhen, MD | Middlesex Health Family Medicine Residency Program  
Akta Bhukhen, MD | Eastern Virginia School of Medicine Family Medicine Residency Program

### **Multiple Sclerosis: A Rare Case of Hallucinations**

Oluwasey Adebekun, MD | Henry Ford Allegiance Health Family Medicine

### **Myasthenia Gravis: A Disabling Side Effect of COVID-19 Vaccination?**

Claudia Tusa | Nova Southeastern University Dr. Kiran C. Patel College of Osteopathic Medicine

### **Oral Health Screenings for Preventative Health in a Free Clinic Population**

Ilesh Patel and Reed Geisler | The Ohio State University College of Medicine

### **Persistent Laryngeal Edema Despite Interventional Airway Management in Hereditary Angioedema**

Olufadejimi Kareem, MD | Conway Regional Medical Center Family Medicine Residency Program

### **Polycystic Ovary Syndrome: Taking a Toll on Mental Health? An Evidence-based Review of the Risk of Mood Disorders in Patients with PCOS and Suggestions for Primary Care**

Valerie Armstrong | Royal College of Surgeons in Ireland (RCSI)

### **Running Blind: An Interesting Case of Non-ischemic Central Retinal Vein Occlusion**

Winona Gbedey and Margot Favret | The University of Texas Health Science Center at San Antonio

### **The Deadly Rash of End-stage Renal Disease**

Rhushi Ziradkar, MD | Louisiana State University/Lake Charles Memorial Hospital Family Medicine Residency

### **The Era of Immunotherapy: Nivolumab-induced Adrenalitis And Encephalitis Presenting as Psychosis**

Karen Antwiler, MD and Anna Askari, MD | Eisenhower Health

### **The Importance of Cervical Cancer Screening and Prevention: Patient Presenting with Late Stage Cervical Cancer**

McKenna Tierney and Puja Shah | Nova Southeastern University

### **The Imposter of Stroke**

Anmol Chaudhary, MD | Ochsner LSU Shreveport/Monroe Family Medicine Program

### **The Medibus: A Medical Practice on Wheels**

Marybeth Montrichard | AUIS

### **Toxic Epidermal Necrolysis as an Unusual Cause of Pancytopenia**

Chloe Tran, DO | Dignity Health Northridge Family Medicine Residency Program

### **Transgender Health Care: Understanding the Process of Trans Women Undergoing Hormonal Therapy and Vaginoplasty for Male-to-Female Transitioning**

Alison Cottrell | Rosalind Franklin University

### **Uterine Fibroids: Increasing Options to Preserve Quality of Life**

Alanna Perlin and Megan Nocita | University of Miami Miller School of Medicine

### **Venous Thromboembolism in a Patient With Spindle Cell Sarcoma: Anticoagulation Therapy at the End-of-Life**

Akta Bhukhen, MD | Eastern Virginia Medical School Family Medicine Residency

Matthew Farmer | Eastern Virginia Medical School

Arti Bhukhen, MD | Middlesex Family Medicine Residency

### **Ventricular Fibrillation in the Setting of Prolonged QT Interval and Undiagnosed Graves Disease in Pediatric Patient**

Cornel Popescu | University of Arizona - College of Medicine

Kevin Smith | A.T. Still University

### **Vogt Koyangi Harada Disease: Importance of Broadening the Meningitis Differential**

Megan LeBlanc | A.T. Still University

### **Wait or No Wait for Reducing Body Weight Before Lung Transplant**

Nicole Guynn | Lewis Katz School of Medicine

### **Why So High? Extreme Thrombocytosis in a Patient With Sickle Beta+ Thalassemia**

Mollee Chu | California Northstate University College of Medicine

## **Community Project**

### **Benefit of Community Health Fairs for Identification of Chronic Conditions and Follow-up Rates**

Julianna Szuwalski, Samantha Hobbs, Morgan Williams, and Jenna Reisler | UTMB

### **Connect at UTMB: A Student-led Initiative to Mentor and Tutor Galveston ISD Students in STEM**

Sheina Duncan, Matthan Moy, Regina Hansen, and Andrea Rego | The University of Texas Medical Branch

### **Digitizing the System: Using Technology to Optimize Health Fair Workflow**

Cassandra Dao | Eastern Virginia Medical School

### **Early Indications for Rapid Response Calls In COVID vs. Non-COVID Patients**

Victoria Diamond, Savannah Cofer, and Nathan Seepaulsing | Florida State University College of Medicine

### **Efficacy of a Social Needs Screening and Home Visiting Program**

Allen Hu | University of Pittsburgh School of Medicine

### **Efficacy of an Online Stress Management Education Module Implemented by Medical Students During COVID-19**

Shreeya Joshee, Shalini Jayaweera, Lauren Lim, and Leah Heydman | University of Nevada, Reno School of Medicine

### **Empowering Youth Through Mental Health Education: Using a Popular Education Framework to Facilitate Discussions Around Mental Health**

Eleanor Battino, Clara Ledsky, and Laura Hurley | Rush University Medical College

### **Establishing a Student-run Free Clinic for Refugees**

Grace Benmhend, Yasmin Ayoubi, Azd Al-Mashal, and Rachel Patten | University of South Florida Morsani College of Medicine

### **Implementation of a Diabetes Prevention Program in a Student-run Free Clinic Setting**

Reethika Maddineni, Asfah Mohammed, Shaquille Lewis, and Meredith Huszagh | Vanderbilt University School of Medicine

### **Medication-assisted Withdrawal and Alcohol Use Disorder Treatment in the Ambulatory Setting: A Survey of Primary Care Providers**

Jacob Weiss | University of Vermont Larner College of Medicine

### **Picturing Community: Using Photovoice as an Empowerment Tool With the Youth Health Service Corps**

Clara Ledsky and Eleanor Battino | Rush Medical College

### **Pivoting to a Multidisciplinary Virtual Health Fair With the Compassion Clinic**

Hannah Jagers, Rheyana Branch, Jenci Hawthorne, and Mallory Foster | University of Louisville

### **The Harvest Clinic: Closing the Health Care Access Gap for Migrant Farm Workers**

Taree Chadwick, Olivia Penfil, and Spencer Trivitt | University of Nevada Reno, School of Medicine

### **The Telephonic Outreach Project: Providing a Human Connection to Medically Underserved Communities at the Onset of the COVID-19 Pandemic**

Laura Cuevas, Jessica Colin Escobar, Ava Runge, and Kaavya Cherukuri | UC Irvine School of Medicine

### **The Vot-ER Healthy Democracy Campaign: A National, Medical Student-led Voter Registration Competition Preceding the November 2020 U.S. Elections**

Yoonhee Ha | University of Pennsylvania Perelman School of Medicine

Rory Brown | Columbia University Vagelos College of Physicians and Surgeons

Carlton Lawrence | Harvard Medical School

## **Educational Program**

### **A Biopsychosocial Approach to Death, Dying, and Bereavement: A Course to Further End-of-Life Education for Medical Students**

Simran Kripalani | Cooper Medical School of Rowan University

### **Continuing the Conversation: Addressing Implicit Biases to Promote Equitable Practices and Improve Care for All**

Laura Hurley | Rush Medical College

Supriya Kale | Windsor University School of Medicine

### **Evaluating Health Knowledge, Literacy, and Activity Levels of Elementary Students Through the Nutrition and Health Awareness Program**

Amelia Krouse, Alexis Fehervari, Katelyn Kennedy, and Spandana Madhava | A.T Still University

### **Needs Assessment to Drive Interventions for Patients With Diabetes in an FQHC**

Luis Caceres, MD | Hofstra Northwell at Southside Hospital Family Medicine Residency Program

### **Online Delivery of Culinary Medicine Teaching Kitchen: A Brief Course for Engaging Students in Culinary Medicine to Improve Wellness and Patient Interactions**

Mckenzie Rowe | University of Nebraska Medical Center

## **Promoting Mental Health Among Medical Students: The Role of Mental Health First Aid Training in U.S. Medical Education**

Laura Hurley | Rush Medical College  
Sreedivya Veturi and Parastoo Taravati | Saint James School of Medicine

## **Sprouting Hope: Creating a Safe Zone in the Glades**

Giselle Falconi, MD; Nzingha Saunders, DO; and Jesse Grieb, DO | Lakeside Medical Center

## **Street Medicine: Exposing Medical Students to a Classroom Out on the Streets**

Sheina Duncan, Chukwudiebube Nwadieli, Arijit Bhuyan, and Bradley Nus | The University of Texas Medical Branch

## **The Culture of Healthy Mentorship: A Multi-faceted Program to Support and Empower Medical Students Involved in Faculty-mentored Research**

Neda Ashtari and Tijana Temelkowska | David Geffen School of Medicine at the University of California, Los Angeles

## **The Necessity of Sexual Assault Training for Medical Students**

Nicole Goldberg-Boltz; Mehnoor Haseeb, MPH; Koustubh Kondapalli; and Nicolas Fandino-Rubio | University of Arizona, Tucson

## **Research**

### **Adolescent HIV Pre-Exposure Prophylaxis Prescribing Practices Among Family Medicine Physicians: Limited Immediate Uptake**

Emma Cooper | Sidney Kimmel Medical College at Thomas Jefferson University  
Steven Elsesser, MD | University of Pennsylvania Family Medicine Residency Program

### **Association Between Use of Electronic Cigarettes and Stroke**

Stephanie Lau and Jacob Risher | American University of Antigua

### **Barriers to SDOH Screening and Low SES Reinforce the Patient-provider Power Differential**

Ashley Tang, Tara Ballouz, and Khusbu Patel | Western Michigan Homer Stryker MD School of Medicine

### **Being a Family Medicine Physician during the COVID-19 Pandemic in California: An In-depth Look at Their Experiences as Shared With Students**

Ka Lo | UC Irvine School of Medicine

### **Can an Intervention Based on Nutrition Education, Portion Control, and Behavior Change Motivation Create Sustained Weight Loss and Improve Health?**

Deanna Gorgei | Philadelphia College of Osteopathic Medicine

### **Changes in First Trimester Pregnancy Among Women 15-44 Years Old Between Pre-COVID and COVID periods, 2019-2020, in Bronx, New York: A Retrospective Cohort Analysis**

Natasha Driver, MHSc and Morvarid Sanandaji, Hons BSc | American University of the Caribbean  
Deepika Dhary, MD | Centra Health

### **Comparing Meniscus Repair and Meniscectomy: A Healthcare Database Analysis in the United States**

Shaheen Jadidi, DO | McGaw Medical Center of Northwestern University (Delnor)

### **Comparisons of Hospitalizations and ICU Utilization Between September 2020 and November 2020 Across States**

Millie Pal, Harrison Khong, and Calvin Fung | Des Moines University College of Osteopathic Medicine

### **Core Elements of Antibiotic Stewardship Among Family Physicians in Illinois**

Aqsaa Chaudhry, MD and Jonel Lirjoni | St. James School of Medicine

### **COVID-19 Vaccine Acceptance in Pregnancy**

Priya Desai, DO and Gagandeep Kaur, DO | Western University of Health Sciences

## **Development of an Advance Care Planning Care Pathway for Outpatient Primary Care Clinics**

Emily Leboffe | Penn State College of Medicine

## **Does the Type of Medical Insurance Influence Outcome After Knee Total Joint Replacement?**

Cornel Popescu, MPH | University of Arizona College of Medicine

## **Ectopic Pregnancy Rupture and Chronic Abdominal Pain Conditions**

Antonio Laracunte | Tufts University School of Medicine

Willaim Ciurylo, DO | Portsmouth Regional Hospital Internal Medicine

## **Effects of Coronavirus (COVID-19) on Pregnancy and Delivery**

Adamaka Umeh | All Saints University College of Medicine, Saint Vincent

## **Efficacy of Green Tea Consumption on Reducing Body Weight and Insulin Resistance Markers**

Kaiming Tan | DeBusk College of Osteopathic Medicine at Lincoln Memorial University-Knoxville (DCOM at LMU-Knoxville)

## **Examining Food Accessibility Among Medical Residents**

Danielle Turnquest, MD | Brown Family Medicine

## **Examining Relationships Among Social Media Use and Social Health in Pregnant Women**

Kathryne Staudinger, Marleny Carmona, and Ravneet Waraich | Elson S. Floyd College of Medicine Washington State University

## **Factors Impacting COVID-19 Vaccination Intention Among Medical Students**

Dhir Gala, Allison Parrill, Krishna Patel, and Georgette Nader | American University of Caribbean School of Medicine

## **Grocery Cost Burden in Urban vs. Suburban Areas: A Case Study of Cleveland, OH**

Anna Kotowski | Northeast Ohio Medical University

## **Impact of Providing Fee Data on Routine Blood Work**

Muthumeena Kannappan, MD, MPH | SUNY Downstate Health Sciences University

## **Investigating Residency and Career Outcomes of Dual Degree Graduates at Touro University California**

Zoe Quint | Touro University California College of Osteopathic Medicine

## **Let's Talk About Sex: An Investigation of Primary Care Provider Assessment of Adolescent and Young Adult Sexual Health History**

Carmen Collins, MD and Tameka Hairston, MD | The University of Alabama Tuscaloosa Family Medicine Residency

## **“Look, Mom – No Cavities!” A Resident-led Quality Improvement Initiative to Increase Topical Fluoride Varnish Rates in Primary Care Setting**

Michael Partin, MD; Lynn Weaver, MD; Christopher Davis, MD; and Kaylette Jenkins, DO | Penn State Health Milton S. Hershey Medical Center

## **Minority Older Adults' Emotional Well-being and Use of Technology During COVID-19 Social Isolation**

Sophie Lin and Anuj Marathe | Baylor College of Medicine

## **Patient Satisfaction While Receiving High-risk Obstetric Care Via Telemedicine During COVID-19**

Eliana Garcia, Remy Link, and Rachel Ruckman | University of New Mexico School of Medicine

## **Peripartum Antibiotic Exposure and Postpartum Mental Health: A Retrospective Study**

Emily Cloward, Alexis Amatisto, and Ashlyn Lawson | Western University of Health Sciences College of Osteopathic Medicine of the Pacific Northwest

Ashley Anderson, DO | Samaritan Health Services- Psychiatry Residency

## **Postpartum Contraception Use in an Uninsured Pregnant Population**

Emma Barr | University of Iowa Carver College of Medicine

### **Pregnant Patients' Attitudes Regarding COVID-19**

Sabrina Abraham and Olga Pinkhasov | SUNY Downstate Medical School  
Van Tran, MD | SUNY HSC OBGYN

### **Prostate Cancer Screening in Hospitalized Patients: Results from the Nationwide Inpatient Sample**

Thu Nguyen | Oakland University William Beaumont School of Medicine

### **Public Health Crisis of Anemia in India: A Study of Three Villages**

Aaron Frank; Riya Bansal; and Drew Park, MD | UCI School of Medicine

### **Retrospective Analysis: Travel Restriction Map During the Winter Peak of the 2020 COVID-19 Pandemic as a New Predictor for ICU Bed Utilization**

James Lo and Alexis Cross | Des Moines University

### **Role of Vitamin D in Reducing Need for Supplemental Oxygen Among COVID-19 Patients**

Anita Bajpai, MD; Sarah Duan, DO; Ashlee Erskine, DO; and Shehzein Khan, DO | Riverside University Health System/University of California-Riverside

### **Survive or Give Up: Is There an Option?**

Esha Sharma, MD, MPH | Baptist Memorial Medical Education Program

### **The Accuracy of Clinical and Obstetrical Point-of-Care Ultrasound (POCUS) in Estimating Fetal Weight Versus Actual Birth Weight: A Pilot Prospective Study of Rio Bravo Family Medicine Residency Program**

Manuel Tu, MD and Gina Cha, MD | Rio Bravo Family Medicine Residency Program  
Christina Sugistharaj | Ross University

### **The Association Between Socioeconomic Factors and Influenza Vaccination in Pregnancy**

Michaela Mills, Ana Sosa, and Sonja Radosevic | FIU Herbert Wertheim College of Medicine

### **The Impact of Systemic Racism on Black Women With Breast Cancer**

Joyce Idehen | American University of Antigua  
Auriel Bell | American University of the Caribbean  
Phylicia Thomas | Philadelphia College of Osteopathic Medicine

### **The Incarceration of Black Men: Racial Disparities in Incarceration and the Social Determinants of Health**

Adjoa Kusi-Appiah | Michigan State University College of Human Medicine

### **The Role of Hyperbaric Oxygen Therapy in Septic Shock: Is it Time for Human Studies?**

Thea Dennis | Tulane School of Medicine

### **The Use of Propranolol in Conjunction With Oxytocin for Induction of Labor**

Arthur Grinstead, MD | University of Nebraska Family Medicine Rural Scottsbluff

### **The Use of Quantitative Ultrasound Scan (QUS) as a Screening Tool for Follow-up Detection of Osteoporosis in the General Public: Preliminary Results**

Kathryn Carlisle; Michael Anderson; and Nicholas Pilla, MD | Pennsylvania State University College of Medicine

### **Trends and Risk Factors in Tribal vs. Non-tribal Preterm Deliveries at a Rural Community Hospital in Gujarat, India**

Shital Shah | Warren Alpert Medical School of Brown University

### **Underestimation of the Finger Jam**

Florian Walter | Midwestern University



**Understanding the Experiences of Patients With Post-SSRI Sexual Dysfunction**

Alaina Studt, Margaret Gannon, and Ashley Vaughn | University of Iowa Carver College of Medicine  
Joanna Orzel | Georgetown University School of Medicine

**Veggie Rx: A Fruit and Vegetable Intervention to Improve Health and Health Care**

Tajwar Taher | Oregon Health and Science University; Rutgers RWJUH Somerset Family Medicine

**Waupaca County Medical Transport Location and Cost Disparities**

Matthew Waldrop | Medical College of Wisconsin-Green Bay