

## C u r r i c u l u m V i t a e

Richard Gentry Wilkerson, MD

Associate Professor, Department of Emergency Medicine  
University of Maryland School of Medicine

**Date:** March 2, 2024

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## Education

1991 – 1996 B.S., Microbiology and Cell Science, University of Florida  
2000 – 2004 M.D., University of Miami School of Medicine

## **Post-Graduate Training & Education**

2004 – 2008 Residency, Emergency Medicine, SUNY-Downstate  
2011 – 2012 Graduate, ACEP Teaching Fellowship, Dallas, TX

## Certifications

2009 Diplomat, American Board of Emergency Medicine  
2019 Diplomat, American Board of Emergency Medicine (Recertification)

## Medical Licensures

2008 Inactive, New York  
2010 Inactive, Florida  
2010 Inactive, Medical Council of Tasmania, Australia  
2012 Active, Maryland

## Employment History

## **Academic Appointments**

2008 – 2009	Clinical Assistant Professor, Department of Emergency Medicine, State University of New York-Downstate
2010 – 2012	Clinical Assistant Professor, College of Medicine, University of South Florida
2012 – 2020	Assistant Professor, Department of Emergency Medicine, University of Maryland School of Medicine
2020 – Present	Associate Professor, Department of Emergency Medicine, University of Maryland School of Medicine

### **Other Employment & Activities**

1994 – 1995	Technician, University of Florida Organic Chemistry Laboratory Gainesville, FL
1996 – 1998 & 1999 – 2000	Research Technician, Department of Biochemistry, Univ. of Florida; Gainesville, Florida
1997	Technician, Tissue Resource Center, Univ. of Florida; Gainesville, FL.
1998 – 1999	Medical Assistant, Jacksonville Pediatrics; Jacksonville, FL
1999	Coach, Episcopal High School Novice Girls Crew Program, Jacksonville, Florida
1999 – 2000	Coach, University of Florida Women's Crew Program, Gainesville, Florida

### **Professional Society Membership**

2001 – 2012	Emergency Medicine Resident's Association
2010 – 2012	Florida College of Emergency Medicine
2001 – 2009	Diplomate, American College of Emergency Physicians
2009 – present	Fellow, American College of Emergency Physicians
2012 – 2023	Diplomate, American Academy of Emergency Medicine
2017 – present	General Member, Society for Academic Emergency Medicine
2020 – present	Member, American Society of Hematology
2021 – 2023	Associate Member, Society of Critical Care Medicine

### **Honors and Awards**

1988	Eagle Scout, Florida Troop 2, Boy Scouts of America
2008	Resident Award Disaster Preparedness Division
2008	Resident Award Student Education Division
2008	eMedicine Contributor of the Month (December)
2015	Outstanding Teaching Attending Award, Univ. of Maryland Emergency Medicine Residency
2017	Outstanding Reviewer - American Journal of Emergency Medicine
2017	Western Journal of Emergency Medicine Distinguished Reviewer
2017	Western Journal of Emergency Medicine Distinguished Section Editor
2017	Top 20 Outstanding Abstract at Mediterranean Emergency Medicine Conference, Lisbon, Portugal
2018	Top Reviewer – American Journal of Emergency Medicine
2019	Clinician of the Year – Maryland Chapter of The American College of Emergency Physicians
2019	First Place – Best Scientific Writing or Technical Reporting, for “Advanced Management of Opioid Overdose in the Emergency Department,” 40th Annual Specialized Information Publishers Association Awards
2019	Inducted into the inaugural class of the Peter Rosen Fellows Society, part of the National Foundation of Emergency Medicine
2022	Decision Editor of the Year - Clinical Practice and Cases in Emergency Medicine
2023	Decision Editor of the Year - Clinical Practice and Cases in Emergency Medicine

## **Clinical Activities**

### **Clinical Expertise**

Board certified in emergency medicine

Clinical, educational, and research focus in emergency medicine

### **Clinical Activities**

2008 – 2009	Site of Primary Practice: Kings County Hospital & SUNY-Downstate Medical Center ~155,000+ & ~60,000 per year (patient volume) Providing direct patient care and supervising resident trainees 75% clinical (140 hours per month), 25% educational
2010	Site of Primary Practice: Launceston General Hospital (Tasmania, Australia) ~40,000 per year (patient volume) Providing direct patient care (Consultant) and supervising trainees (Registrars) 100% clinical (120 hours per month)
2010 – 2012	Site of Primary Practice: Tampa General Hospital ~100,000 per year (patient volume) Providing direct patient care and supervising resident trainees Director of Research 65% clinical (100 hours per month); 15% administrative; 20% research
2012 – present	Site of Primary Practice: University of Maryland Medical Center ~55,000+ per year (patient volume) Providing direct patient care and supervising resident trainees Coordinator for Clinical Research from Aug 2012-May 2016 Director Emergency Department Observation Services (Clinical Decision Unit) from Nov 2012 - Jun 2015 Director of Clinical Research from May 2016-present 50-75% clinical (30-100 hours per month); 15% administrative; 10-35% research
2020 – 2021	UMMS Teletriage Physician. Provides telemedicine support, entering orders and discharging low-acuity patients triaged in UMMS EDs.
2020 – present	Access Center Physician (ACP) Group. The ACP works in the call center as the primary real-time medical liaison across all 14 hospitals in the University of Maryland Medical System, coordinating patient flow and transfers within and between hospitals to improve efficient matching of healthcare resources to patient needs. 250 - 350 hours per year
2021 – present	MTC Nocturnal Critical Care Support Physician, University of Maryland Midtown Campus. Provides support for ED and ICU for critical procedures such as central access and airway management. 50 - 400 hours/year

### **Development of Clinical Programs**

2012 – 2015	Developed protocols for UMMC Emergency Department Clinical Decision Unit and served as Director of Emergency Department Observation Services
2016	Created and implemented UMMC “Emergency Department Overdose Response Program”
2017	Created and implemented UMMC “Guideline for Initiation of Buprenorphine in the Emergency Department”
2017	Created “Guideline for Emergency Department Care of Patient with Sickle Cell Vaso-Oclusive Crisis”
2019 – present	Clinical Leader to Develop Multi-Disciplinary Sickle Cell Program (0.2 FTE)
2020	Member: COVID-19 Remote Patient Monitoring Pilot Program Development Team
2023	Physician lead: University of Maryland Medical System (UMMS): Take Home Naloxone Program

### **Administrative Service**

#### **Institutional Service**

##### **Departmental Service**

2012 – present	Member, UMSOM Department of Emergency Medicine (UMDEM) Peer Review Committee
2012 – present	Faculty interviewer for prospective resident applicants (8-13 days per year), participate in Resident Selection Meeting
2012 – present	Member, UMDEM Education Committee
2016 – present	Member of UMDEM Resident Clinical Competency Committee
2016 – present	Chair, Program Evaluation Committee
2022 – present	UMDEM Prospective Faculty Interviewer
2022 – present	UMDEM Departmental Reviewer for Human Subjects Research
2023	UMDEM CME Compensation Committee
2023 – present	Reviewer, UMDEM Departmental Pilot Grant Review Committee
2024 – present	Member, Department of Emergency Medicine Appointment, Promotion and Tenure of Faculty (APT) Committee

##### **Hospital Service**

2004 – 2009	Member, Continuous Quality Improvement Committee; Kings County Hospital
2004 – 2009	Member, CBRNE Disaster Response Team: Kings County Hospital
2011 – 2012	Member, Pharmacy & Therapeutics Committee, Tampa General Hospital
2013	Member, 2-Midnight Rule Committee, University of Maryland Medical Center
2013 – 2014	Member, University of Maryland Medical Center Denials Committee
2017 – present	Member, UMMC Pharmacy & Therapeutics Committee

2017 – 2022	Member, UMMC Opioid Task Force 2018-2022 Co-Chair
2017 – present	Member- Professional Assistance Committee, UMMC
2019 – present	Clinical Leader: UMMC Sickle Cell Disease Multi-Disciplinary Care Program
2020 – 2022	Member, UMD COVID-19 Research Advisory Task Force
2022 – present	Co-Chair UMMC Opioid Safety Council
2023 – present	Entity Director, University of Maryland Medical System Overdose Response Program
<b>SOM Service</b>	
2013 – 2022	University of Maryland School of Medicine Council, 2013-2015 Alternate Member 2015-2022 Department Representative
2014 – present	Admissions Interviewer, University of Maryland School of Medicine
2016 – present	Faculty Mentor, Eva Dodge House (UMSOM) Faculty Mentor for Eva Dodge House Community Service Chair & Committee
2016	Judge, 39th Medical Student Research Day, September 14, 2016
2016	Coater, Class of 2020 White Coat Ceremony (November 2016)
2017	Judge, 40th Medical Student Research Day, September 28, 2017
2017	Coater, Class of 2021 White Coat Ceremony (November 2017)
2018	Coater, Class of 2022 White Coat Ceremony (November 2018)
2019	Coater, Class of 2023 White Coat Ceremony (November 2019)
2020 – 2023	Member, University of Maryland, Baltimore Faculty Senate
2020	Judge, 43rd Medical Student Research Day, November 12-13, 2020
2021 – present	Core Educator, UMSOM Medical Education Leadership Academy (MELA)
2021	Coater, Class of 2025 White Coat Ceremony (August 2021)
2021	Judge, 44th Medical Student Research Day, November 15-16, 2021
2022 – present	Full Committee Member, UMSOM Committee on Admissions
2022	Pinner, Class of 2024 Student Clinician Ceremony and Family Celebration (April 2022)
2022	Judge, 45th Medical Student Research Day, November 16, 2022
2023	UM Scholars Program – Application Reviewer
2023	Pinner, Class of 2025 Student Clinician Ceremony and Family Celebration (April 2023)
2023	Coater, Class of 2027 White Coat Ceremony (August 2023)
2023	Office of Student Research Mid-Summer Retreat Roundtable Discussion
2023	Judge, 46 <sup>th</sup> Medical Student Research Day, November 29, 2023
2024	UM Scholars Program – Application Reviewer
<b>International Service</b>	
2020 – 2023	Program Advisory Committee Member, Canadian Physicians for Aid and Relief (CPAR)

## **National Service**

2012	<i>Ad Hoc</i> Reviewer, The African Journal of Emergency Medicine (1x/year)
2014 – present	<i>Ad Hoc</i> Reviewer, Western Journal of Emergency Medicine (20-40x/year)
2014 – present	Co-Editor, Disaster Medicine Section, Western Journal of Emergency Medicine
2014 – 2021	Member, American Academy of Emergency Medicine (AAEM) Education Committee
2015 – 2021	Member, AAEM Scientific Assembly Planning Committee 2016-2017 Chair of Pecha Kucha Planning Subcommittee 2017-2020 Chair of Pre-Conference Program 2020 Vice Chair AAEM Scientific Assembly Planning Committee 2021 Advisor to AAEM Scientific Assembly Planning Committee
2016 – present	<i>Ad Hoc</i> Reviewer, American Journal of Emergency Medicine (12x/year)
2017	Council of Residency Directors (CORD) 2017 Academic Assembly Abstract Reviewer
2018	Moderator, Wine & Cheese Poster Session: CORD 2017 Academic Assembly Advances in Education Research and Innovations Forum
2018	Abstract Reviewer, ACEP Research Forum 2018
2018 – present	Member, SAEM Research Committee
2018 – 2021	Member, AAEM Clinical Practice Committee
2018 – 2020	AAEM Scientific Assembly Young Physicians Section (YPS) Poster Competition Chair
2018 – 2020	AAEM Scientific Assembly Track Moderator
2018 – 2019	SAEM Annual Meeting: Oral Abstract Moderator
2018 – present	Member, CORD Research & Scholarly Productivity Committee
2018 – 2020	ACEP Research Section: Alternate Councilor
2019 – present	Senior Editorial Consultant, American Journal of Emergency Medicine
2019 – present	Member, Emergency Department Sickle Cell Care Coalition (EDSC3)
2019 – present	2020-present Board of Governors
2019	Abstract Reviewer, ACEP Research Forum 2019
2019	<i>Ad Hoc</i> Reviewer, BMJ Case Reports (1x/year)
2019	<i>Ad Hoc</i> Reviewer, JAMA Open (1x/year)
2019 – present	<i>Ad Hoc</i> Reviewer, Annals of Internal Medicine (2x/year)
2020	<i>Ad Hoc</i> Reviewer, PLOS One (1x/year)
2020	<i>Ad Hoc</i> Reviewer, Journal of Emergency Nursing (1x/year)
2020	Abstract Reviewer, ACEP Research Forum 2020
2020 – present	<i>Ad Hoc</i> Reviewer, BMJ Open (1x/year)
2020 – present	<i>Ad Hoc</i> Reviewer, Journal of Emergency Medicine (1x/year)
2020 – 2021	Decision Editor, Clinical Practice and Cases in Emergency Medicine
2020 – 2022	ACEP Research Section: Councilor
2021	Abstract Reviewer, ACEP Research Forum 2021 Special Edition COVID
2021 – present	Deputy Editor, Clinical Practice and Cases in Emergency Medicine
2022 – present	Maryland ACEP: Councilor for ACEP Council Meeting
2022	Moderator & Judge for AAEM Scientific Assembly AAEM / RSA and Western Journal of Emergency Medicine Population Health Research Competition, Baltimore, MD

2022	Abstract Reviewer, ACEP Research Forum 2022
2022	<i>Ad Hoc</i> Reviewer, Chest (1x/year)
2022	ACEP Scientific Assembly: Research Forum 2022 Moderator, San Francisco, CA
2022 – 2024	ACEP Research Section: Secretary
2023	Abstract Reviewer, ACEP Research Forum 2023
2023 – present	Director, Scholars Mentors Program, National Foundation of Emergency Medicine
2024 – present	Member, SAEM Program Committee
2024 – present	Member, SAEM Grants Committee

### **Local Service**

2011 – 2012	Member, Florida College of Emergency Physicians Academic Affairs Committee
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### **Teaching Service**

#### **Undergraduate Student Teaching**

2018	Mentor, Summer Research 2 undergraduates, daily contact during summer
2019	Mentor, Summer Research 2 undergraduates, daily contact during summer
2021	Mentor, Summer Clinical Experience 1 undergraduate, weekly contact during the summer

#### **Medical Student Teaching**

2008 – 2009	Faculty preceptor for First Year Medical School Class: Essentials of Clinical Medicine I at SUNY- Downstate
2012 – 2015	Faculty preceptor for Introduction to Clinical Medicine for Second Year Medical Students (ICM-II); University of Maryland School of Medicine
2014 – present	Faculty Mentor for Foundations in Research and Critical Thinking
2014 – present	Faculty Small Group Leader for MS2 Cardiology Sessions
2017 – 2019	Mentor: Student Ambassador Program at AAEM Scientific Assembly
2020	Faculty Small Group Leader for MS2 Pulmonology Sessions
2020	Faculty Small Group Leader for MS1 Hypothesis Testing
2022	Faculty Instructor- Multisystem – Toxicology Small Groups, February 24, 2022
2022	Faculty Instructor- Introduction to Ultrasound for MS2, August 4, 2022
2022	Faculty Instructor- Multisystem Course for MS2, Cardiac/Pulmonary/Renal, October 27, 2022
2023	Faculty Instructor – Clinical Introduction to First Year (CLIFY) – Opioid Overdose, August 1, 2023
2023	Panelist – Mentor Workshop for First Year Medical Students, October 2, 2023
2023	Mock Residency Interviews (3 medical students, October 2023)

### **Resident Teaching**

2010 – 2012	Faculty facilitator for Resident Journal Club- USF EM Residency Program
2011 – 2012	Faculty facilitator for Evidence-Based Medicine/Critically Appraised Topic Lectures for USF EM Residency Program
2013 – present	University of Maryland Department of Emergency Medicine Resident Grant Committee
2014 – present	Faculty facilitator, University of Maryland Emergency Medicine Residency Journal Club
2015	Panelist, 14 <sup>th</sup> Annual Resident Research Forum June 10, 2015, University of Maryland Emergency Medicine Residency
2016 – present	Assistant Residency Program Director for Emergency Medicine
2016	Panelist, 15 <sup>th</sup> Annual Resident Research Forum June 8, 2016, University of Maryland Emergency Medicine Residency
2017	Faculty: Masters in Emergency Medicine; Apollo GlenEagles Hospital, Kolkata, India
2017	Panelist, 16 <sup>th</sup> Annual Resident Research Forum June 14, 2017, University of Maryland Emergency Medicine Residency
2018	Panelist, 17 <sup>th</sup> Annual Resident Research Forum June 13, 2018, University of Maryland Emergency Medicine Residency
2021	Panelist, 19 <sup>th</sup> Annual Resident Research Forum June 2, 2021, University of Maryland Emergency Medicine Residency
2022	Greater Chesapeake Conference- developed and led a station on the topic- Substance abuse. Attended by ~200 residents and medical students from The University of Maryland, Georgetown, George Washington, Hopkins, and York.

### **Post-Graduate Teaching**

2012	Faculty: Emergency Medicine Practices and Advance Clinical Therapeutics (EMPACT) Course, All India Institute of Medical Sciences (AIIMS), Delhi, India
2017 – present	Faculty for Post-Doctorate Research
2023	1 post-graduate per year (2 total) - >200 contact hours per year
	Faculty: National Foundation of Emergency Medicine/Eureka Conference San Diego, CA

### **Mentoring**

#### **High School Students**

2018	Dildane, Maria
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#### **Undergraduate Students**

2018	Carrigan, Christian (University of Florida)
2019	Croft, Jade (Florida State University)
2021	Smiley, Jasmine (Frostberg University)
2022	Brown, Casey (Loyola University, Maryland)

2022	Raman, Ashley (Johns Hopkins University)
2022 – present	Brecher, Vanesa (University of Maryland, College Park)
2023 – present	*Capati, Ariana (University of Maryland, College Park)
2023 – present	*Ufoh, Annice (University of Maryland, College Park)
2023	Nepenthe, Dzifa (Wellesley College)
	* as part of the UM Scholars Program

#### Post-Graduate Students

2015 – 2021	del Ninno, Thomas
2018	Gautum, Shruti
2018	Ruehle, Sarah
2018 – 2019	El Sibai, Rayan
2018 – 2021	Isaacs, Rachel
2018 – 2023	Lasko, Kyra
2019	Schwartz, Andrew
2019	Weingrad, Aaron
2019 – 2022	Annous, Youssef
2021	Mahmous, Ayed
2021 – 2022	Malherbe, Petrus
2022 – 2023	Dakassian, Alik

#### Medical Students

2021 – 2022	Auville, Kurt
2021 – 2022	Coleman, Benjamin
2021 – 2022	van Biesen, Lexi
2022 – present	Harris, Andrea
2022 – 2023	Yoon, Insun
2022 – 2023	LaBonte, Lindsie
2022 – 2023	Sikorski, Michael
2022 – present	Schwartz, Andrew
2023 – present	Rallo, Melissa
2023 – present	Mondle, Jennifer
2023 – present	De Leon, Ashlee
2024 – present	Escobal, Dominic
2024 – present	Genuit, Andrew
2024 – present	Jain, Sara

#### International Residents

2022	Nimnuan, Waratchaya (Ramathibodi Hospital; Bangkok, Thailand)
2022	Preechakul, Pacharaporn (Ramathibodi Hospital; Bangkok, Thailand)
2023	Deevijit, Chawanlak (Chiang Mai University; Chiang Mai, Thailand)
2023	Ueareekul, Supapilai (Chiang Mai University; Chiang Mai, Thailand)
2023	Chotiratanasak, Saran (Chiang Mai University; Chiang Mai, Thailand)
2023	Pumguman, Jidapa (Somdech Phra Pinklao Hospital; Bangkok, Thailand)
2024	Chumvanichaya, Kritsada (Ramathibodi Hospital; Bangkok, Thailand)
2024	Danrungrot, Teeravit (Chiang Mai University; Chiang Mai, Thailand)

2024 Wongnang, Haruetai (Chiang Mai University; Chiang Mai, Thailand)  
2024 Chalongkulsak, Thanawadee (Chiang Mai University; Chiang Mai, Thailand)

### **Grant/Contract Support**

#### **Active Grants**

2021 – present National Foundation of Emergency Medicine Scholars-Mentor Program  
2-year funding grant (\$30,000/yr) with the objective to stimulate, help train, and produce an academic commitment to Emergency Medicine research through a partnership and sponsorship of industries concerned with products useful in the diagnostics and practice of Emergency Medicine.  
Role: Mentor  
Funding: \$10,000 per year for 2 years

2022 – present UMSOM Department of Emergency Medicine Grant  
Project: Sepsis in Low-resource Settings: Identifying Barriers Related to Infectious Illness Management in Fitche, Ethiopia  
Role: Principal Investigator  
Funding: \$15,000  
Maryland Department of Health Office of Preparedness and Response Grant  
Project: Xylazine and Nitazene Testing in Non-Fatal Opioid Overdoses  
Role: Principal Investigator  
Funding: \$47,228

#### **Active Contracts**

2023 – present ARREST PNEUMONIA: ARRest RESpiraTory failure due to PNEUMONIA  
Role: Site Sub-Investigator  
Study Chairs: Joseph Levitt, MD & Emir Festic, MD  
Funding by NHLBI Grant 1UG3HL141722-01A1

2023 – present CARPO: A Randomized, Double-Blind, Placebo Controlled Dose-Ranging Study of Auxora in Patients with Acute Pancreatitis and Accompanying Systemic Inflammatory Response Syndrome  
Role: Site Principal Investigator  
Sponsor: CalciMedica, Inc.

2023 – present TNX-1300 (Cocaine Esterase)  
TNX-CE-C1202: A Single-Blind, Randomized Study Comparing the Efficacy and Safety of a Single Dose of TNX-1300 to Placebo with Usual Care (UC) for the Treatment of Signs and Symptoms of Acute Cocaine Intoxication in Emergency Department (ED) Subjects  
Role: Site Principal Investigator  
Sponsor: Tonix Pharmaceuticals, Inc.

2024 – present A Phase 4 Study Using a Test-Negative Design to Evaluate the

Effectiveness of a 20-Valent Pneumococcal Conjugate Vaccine against Vaccine-Type Radiologically-Confirmed Community-Acquired Pneumonia in Adults  $\geq$ 65 Years of Age  
Role: Site Principal Investigator  
Sponsor: Pfizer, Inc.

Completed Grants

2015	UMSOM Department of Emergency Medicine Grant Project: The Accuracy of ED-Physician Performed Ultrasound to Identify Vascular Structures at the Three Sites Traditionally Used for Paracentesis Role: Principal Investigator Funding: \$3170
2016	Maryland Industrial Partnerships (MIPS) Grant Project: Evaluation of a Novel Gastrostomy Procedural Method Role: Principal Investigator Funding: \$90,000
2016	UMSOM Department of Emergency Medicine Grant Project: Evaluation of Loop Drainage Technique versus Standard Incision and Drainage for Treatment of Simple Soft Tissue Abscesses Role: Principal Investigator Funding: \$10,000
2016	UMSOM Department of Emergency Medicine Grant Project: Comparative Usability Study of Naloxone Autoinjector versus Improvised Intranasal Delivery System in an At-Risk Population Role: Principal Investigator Funding: \$10,000
2017	Maryland Industrial Partnerships (MIPS) Grant Project: Evaluation of a Novel Gastrostomy Procedural Method Role: Principal Investigator Funding: \$100,000
2018 – 2019	ACEP/Pfizer Independent Grants for Learning & Change (IGLC) Project: Sickle Cell Disease Patient Navigation Program Role: Project Lead & Oversight Funding: \$49,991 for nurse salary support
2019 – 2022	2R44DK115325-02A1, NIDDK Percutaneous Ultrasound Gastrostomy: Clinical Evaluation of a Novel Method for Feeding Tube Placement A pilot clinical safety study supporting dissemination of a novel method for safer, more accessible placement of gastrostomy feeding tubes and to develop a rigorous Human Factors-informed training program for the use of the novel Point- of-Care Ultrasound Magnet Aligned Gastrostomy (PUMA-G) device. Role: Principal Investigator Funding: \$1.2 million

Completed Contracts

2011 – 2012	EZ-NG: Evaluation of a new device, EZ-NG™, for rapid bedside verification of placement of nasogastric tubes in the Emergency Department & ICU Role: Principal Investigator (5%) Sponsor: EZ-NG
2011 – 2012	AST-111: (Sapphire) Evaluation of Novel Biomarkers from Acutely Ill Patients at Risk for Acute Kidney Injury Role: Site Principal Investigator (5%) Sponsor: Astute Medical Inc. Study Principal Investigator: John Kellum, MD
2011 – 2012	ACE React: Evaluation of Ecallantide for the Acute Treatment of ACE Inhibitor Induced Angioedema Role: Site Co-Investigator (5%) Sponsor: Dyax Corp.
2014 – 2015	CAMEO: ACE-I-Induced Angioedema Study Measuring Efficacy of Icatibant Role: Site Principal Investigator (2%) Sponsor: Shire Orphan Therapies, Inc Study Principal Investigator: Alan Kimura, MD, PhD
2014 – 2016	RELAX2: A multicenter, randomized, double-blind, placebo-controlled phase III study to evaluate the efficacy, safety and tolerability of Serelaxin when added to standard therapy in acute heart failure patients Role: Site Sub-Investigator (PI: S. Gottlieb) Sponsor: Novartis
2014 – 2017	Study Principal Investigator: Marco Metra and John Teerlink ProACT: Procalcitonin Antibiotic Consensus Trial Role: Site Principal Investigator (3%) Sponsor: NIGMS, BioMerieux, Thermo Fisher
2015 – 2017	Study Principal Investigator: David T. Huang, MD, Randomized, Placebo-Controlled, Phase 3 Trial of RHB-102 (Ondansetron 24 mg Bimodal Release Tablets) for vomiting due to Presumed Acute Gastroenteritis or Gastritis Role: Site Principal Investigator (5%) Sponsor: Redhill BioPharma, LTD Study Principal Investigator: Terry Plasse, MD
2016	MERCURY- PE: Multicenter trial of Rivaroxaban for early disCharge of pUlmonaRY embolism from the Emergency Department Role: Site Principal Investigator (2%) Sponsor: Janssen
2016 – 2018	ESETT: Established Status Epilepticus Treatment Trial: A multicenter, randomized, blinded, comparative effectiveness study of fosphenytoin, valproic acid, or levetiracetam in the ED treatment of patients with benzodiazepine-refractory status epilepticus. Role: Site Sub-Investigator (Site PI: J. Hopp) Sponsor: National Institute of Neurological Disorders and Stroke
2017 – 2018	ML-3441-306: A Phase 3, Multicenter, Randomized, Double-Blind,

	Comparator-Controlled Study to Evaluate the Safety and Efficacy of Intravenous to Oral Delafloxacin in Adult Subjects with Community-Acquired Bacterial Pneumonia Role: Site Principal Investigator (2%) Sponsor: Melinta
2017 – 2018	SGSC-005: A Phase 2 Study of the Safety and Effectiveness of SANGUINATE in the Treatment of Vaso-occlusive Crises in the Ambulatory Setting: A Placebo-Controlled, Single-Dose, Single-Blind Study in Adults with Sickle Cell Disease Role: Site Principal Investigator (5%) Sponsor: Prolong Pharmaceuticals, LLC
2017 – 2019	RESET: A Phase 3, Multicenter, Randomized, Double-Blind, Placebo-Controlled, Parallel-Group Study To Evaluate The Efficacy And Safety Of Rivipansel (GMI- 1070) In The Treatment Of Vaso-Occlusive Crisis In Hospitalized Subjects With Sickle Cell Disease Role: Site Principal Investigator (10%) Sponsor: Pfizer
2017 – 2019	RESET: An Open-Label Extension Study To Evaluate The Safety Of Rivipansel (GMI-1070) In the Treatment of One or More Vaso-Occlusive Crises In Hospitalized Subjects With Sickle Cell Disease Role: Site Principal Investigator (3%) Sponsor: Pfizer
2017 – 2019	STOP-CP: High-Sensitivity Cardiac Troponin T To Optimize Chest Pain Risk Stratification Role: Site Principal Investigator (15%), Member Steering Committee Sponsor: Roche Study Principal Investigator: Brandon R. Allen, MD & Simon A. Mahler, MD
2019 – 2021	(Site-PI) PI: R. Wilkerson (3%) Use of Methylene Blue in Acquired Methemoglobinemia: Prospective Observational Registry (metHb) Funding Source: Hospital Quality Foundation
2019 – 2020	(Site-PI) PI: R. Wilkerson (3%) The VItamin C, Thiamine And Steroids in Sepsis (VICTAS) Study Subaward of Grant Agreement #2393 The Marcus Foundation
2019 – 2020	(Site-PI) PI: R. Wilkerson (5%) A Phase 3 Randomized, Double-blind, Placebo-controlled, Multicenter Study to Evaluate the Efficacy and Safety of Pimodivir in Combination With the Standard-of-care Treatment in Adolescent, Adult, and Elderly <u>Hospitalized</u> Patients With Influenza A Infection Funding Source: Janssen
2019 – 2020	(Site-PI) PI: R. Wilkerson (5%) A Phase 3 Randomized, Double-blind, Placebo-controlled, Multicenter Study to Evaluate the Efficacy and Safety of Pimodivir in Combination With the Standard-of-care Treatment in Adolescent, Adult, and Elderly <u>Non-Hospitalized</u> Patients With Influenza A Infection

2020	Funding Source: Janssen (Site-PI) PI: R. Wilkerson (5%) A Phase 2, Randomized, Double-blind, Placebo-controlled Study to Evaluate the Safety and Antiviral Activity of BLD-2660 in Hospitalized Subjects with Recently Diagnosed COVID-19 Compared to Standard of Care Treatment
2020 – 2021	(Site-PI) PI: R. Wilkerson A Randomized, Double-blind, Placebo-Controlled, Phase 2 Study to Evaluate the Efficacy and Safety of Mono and Combination Therapy with Monoclonal Antibodies in Participants with Mild to Moderate COVID-19 Illness (BLAZE-4)
2020	A Phase 3, Randomized, Double-Blind, Placebo-Controlled Study Assessing the Efficacy and Safety of Anti-Spike SARS-CoV-2 Monoclonal Antibodies in Preventing SARS-CoV-2 Infection in Household Contacts of Individuals Infected with SARS-CoV-2 Role: Site Sub-Investigator
2020 – 2021	Site PI: Joel Chua (Site-PI) PI: R. Wilkerson A Phase 2 Study to Assess the Virologic Efficacy of REGN10933+REGN10987 Across Different Dose Regimens in Outpatients with SARS-CoV-2 Infection
2020 – 2021	A Master Protocol Assessing the Safety, Tolerability, and Efficacy of Anti-Spike (S) SARS-CoV-2 Monoclonal Antibodies for the Treatment of Hospitalized Patients with COVID-19 Role: Site Sub-Investigator
2020 – 2021	Site PI: Shivakumar Narayanan (Site-PI) PI: R. Wilkerson BLAZE-4: A Randomized, Double-blind, Placebo-Controlled, Phase 2/3 Study to Evaluate the Efficacy and Safety of LY3819253 and LY3832479 in Participants with Mild to Moderate COVID-19 Illness
2020 – 2022	Sponsor: Eli Lilly (Site-PI) PI: R. Wilkerson Regeneron-2067: A Master Protocol Assessing The Safety, Tolerability, And Efficacy Of Anti-Spike (S) SARS-Cov-2 Monoclonal Antibodies For The Treatment Of Ambulatory Patients With COVID-19
2021 – 2022	Sponsor: Regeneron (Site-PI) PI: R. Wilkerson BGE-175-201: A Multicenter, Randomized, Double-blind, Placebo-controlled, Phase 2 Study to Investigate the Efficacy and Safety of Asapiprant in Hospitalized Adults With COVID-19
2021 – 2022	Sponsor: BioAge (Site-PI) PI: R. Wilkerson The EMPATHY Trial: MP0420-CP302 (CSKO136A12201J) A randomized, double-blind, placebo-controlled, multicenter study of ensovibep (MP0420) in ambulatory adult patients with symptomatic COVID-19

2021 – 2022	Sponsor: Novartis (Site-PI) PI: R. Wilkerson A Phase 3b, Randomized, Double-blind, Placebo-controlled, Multicenter Study to Evaluate the Treatment Effect of Voxelotor on Neurocognitive Function in Pediatric Participants 8 to < 18 Years of Age with Sickle Cell Disease
2021 – 2022	Sponsor: Global Blood Therapeutics, Inc. (Site-PI) PI: R. Wilkerson EPH-OBS-US-001: EPH Septic Shock Observational Study (ESSOS)
2019 – 2022	Sponsor: Endpoint Health, Inc. COMPARE-VOE: A Comparison of Individualized vs. Weight Based Protocols to Treat Vaso-Oclusive Episodes in Sickle Cell Disease Role: Site Principal Investigator (8%), Member Steering Committee Study PIs: Paula Tanabe, Ph.D, CCC PI and Huiman Barnhart, Ph.D., DCC PI Funding by NHLBI Grant 1U24HL137907-01A1
2021 – 2022	(Site-PI) PI: R. Wilkerson INSIGHT Protocol Number: 012 Outpatient Treatment with Anti-Coronavirus Immunoglobulin (OTAC) An International Multicenter, Randomized, Double-Blind, Placebo-Controlled Trial of the Safety and Efficacy of Anti-Coronavirus Hyperimmune Intravenous Immunoglobulin for the Treatment of Adult Outpatients in Early Stages of COVID-19 Sponsor: Leidos Biomedical Research, Inc Frederick National Laboratory for Cancer Research Support to the National Institute of Allergy and Infectious Diseases
2023 – present	IDS-22-BACT001 Prospective Blood Culture Collection of Patients with Suspected Cases of Bloodstream Infection (BSI) Role: Principal Investigator Sponsor: Becton, Dickinson and Company

## Publications

### Peer-Reviewed Journal Articles

1. **Wilkerson RG**, Sinert RH. The Use of Paracentesis in the Assessment of the Patient with Ascites. *Ann Emerg Med* 2009; 54:465-468 [peer-reviewed – summary of another article]
2. **Wilkerson RG**, Stone MB. Sensitivity of Bedside Ultrasound and Supine Anteroposterior Chest Radiographs for the Identification of Pneumothorax After Blunt Trauma. *Acad Emerg Med* 2010; 17:11-17 [peer-reviewed]
3. **Wilkerson RG**. Getting the Blues at a Rock Concert: A Case of Severe Methaemoglobinemia. *Emerg Med Austral* 2010; 22:466-469 [case report]
4. **Wilkerson RG**. Angioedema In The Emergency Department: An Evidence-Based Review. *Emerg Med Pract*. 2012; 14(11):1–24. [indexed in PubMed]
5. Kashani K, Al-Khafaji A, Ardiles T, ... , **Wilkerson R**, Zacharowski K and Kellum J. Discovery and validation of cell cycle arrest biomarkers in human acute kidney injury.

- Crit Care. BioMed Central Ltd; 2013 Feb 6;17(1):R25. [multicenter study – peer-reviewed]
6. Koo LW, Layson-Wolf C, Brandt N, Hammersla M, Idzik S, Rocafort T, Tran D, **Wilkerson RG**, and Windermuth B. Qualitative Evaluation of a Standardized Patient Clinical Simulation for Nurse Practitioner and Pharmacy Students. Nurse Ed Prac. 2014; 14(6):740-746 [peer-reviewed]
  7. **Wilkerson RG**, Kim HK, Windsor TA, Mareiniss DP. The Opioid Epidemic in the United States. Emerg Med Clin North Am. 2016; 34(2):e1-e23 [indexed in PubMed]
  8. **Wilkerson RG**, Lemon C. Blast Injuries. Trauma Reports. May 2016 [CME Publication] [not indexed in PubMed]
  9. Adebayo O, **Wilkerson RG**. Angiotensin-converting enzyme inhibitor-induced angioedema worsened with fresh frozen plasma. Am J Emerg Med. 2017; 35(1):192.e1–192.e2 (ePub June 28, 2016) [case report]
  10. Crouter AJ, Abraham MK, **Wilkerson RG**. Empphysematous Pyelonephritis in a Renal Allograft. Am J Emerg Med 2017; 35(3): 520.e1–520.e2 (ePub Sep 22, 2016) [case report]
  11. Huang DT, Angus DC, Chang CCH, et al. Design and rationale of the Procalcitonin Antibiotic Consensus Trial (ProACT), a multicenter randomized trial of procalcitonin antibiotic guidance in lower respiratory tract infection. BMC Emerg Med 2017; 17(1):25 [collaborator – multicenter trial]
  12. Ham J, Ordonez E, **Wilkerson RG**. Care of Acute Gastrointestinal Conditions in the Observation Unit. Emerg Med Clin North Am. 2017; 35(3):571-587 [indexed in PubMed]
  13. Ostermann M, McCullough PA, Forni LG, et al. Kinetics of Urinary Cell Cycle Arrest Markers for Acute Kidney Injury Following Exposure to Potential Renal Insults. Crit Care Med. 2018;46(3):375-383. [collaborator – multicenter investigation]
  14. Huang DT, Yealy DM, Filbin MR, et al. Procalcitonin-Guided Use of Antibiotics for Lower Respiratory Tract Infection. N Engl J Med. 2018;379(3):236-249. [collaborator – ProACT Investigators]
  15. **Wilkerson RG**, Gatz JD, Liu ML. Advanced Management of Opioid Overdose in the Emergency Department. EM Reports 2018; 39(6):1-15 [not indexed in PubMed]
  16. **Wilkerson RG**, Pustavaita A, Carolan H, et al. Percutaneous Ultrasound Gastrostomy: A Novel Device and Bedside Procedure for Gastrostomy Tube Insertion Using Magnetic and Ultrasound Guidance. J Med Dev. 2019;13(2):024501 [peer reviewed]
  17. **Wilkerson RG** and Ogunbodede AC. Hypertensive Disorders of Pregnancy. Emerg Med Clin North Am. 2019;37(2):301-316. [indexed in PubMed]
  18. Li M, Martinelli AN, Oliver WD, **Wilkerson RG**. Evaluation of Ketamine for Excited Delirium Syndrome in the Adult Emergency Department. Am J Emerg Med. 2019; 58(1): 100-105. [indexed in PubMed]
  19. Joannidis M, Forni LG, Haase M, et al. Use of Cell Cycle Arrest Biomarkers in Conjunction With Classical Markers of Acute Kidney Injury. Crit Care Med. 2019;47(10):e820-e826. [collaborator – secondary analysis of multicenter trial]
  20. **Wilkerson RG**, Yuan S, and Windsor TA. Trauma in Pregnancy: A Comprehensive Overview. Trauma Reports. 21:3, May 2020; [CME Publication] [not indexed in PubMed]

21. **Wilkerson RG**, Adler JD, Shah, NG, and Brown R. Silent Hypoxia: A Harbinger of Clinical Deterioration in Patients with COVID-19. *Am J Emerg Med.* 2020; 38(10): p2243.e5-2243.e6. [Case Report] (Published online May 21, 2020)
22. Barnabas RV, Brown ER, Bershteyn A, et al. Hydroxychloroquine as Postexposure Prophylaxis to Prevent Severe Acute Respiratory Syndrome Coronavirus 2 Infection: A Randomized Trial [published online ahead of print, 2020 Dec 8]. *Ann Intern Med.* 2020;10.7326/M20-6519. [as a member of the Hydroxychloroquine COVID-19 PEP Study Team]
23. Ibemere SO, Dubbs SB, Barnhart HX, ..., **Wilkerson RG**, et al. Trial design of comparing patient-specific versus weight-based protocols to treat vaso-occlusive episodes in sickle cell disease (COMPARE-VOE). *Contemp Clin Trials.* 2020;101:106252. doi:10.1016/j.cct.2020.106252.
24. Allen B, Christenson R, Cohen S, ..., **Wilkerson RG**, et al. Diagnostic Performance of High Sensitivity Cardiac Troponin T Strategies and Clinical Variables in a Multisite United States Cohort. *Circulation.* 2021;143(17):1659-1672. (ePublished January 21, 2021)
25. Gatz JD, Gingold D, Lemkin D, **Wilkerson RG**. Association of Resident Shift Length with Procedural Complications. *J Emerg Med.* 2021 May 15;S0736-4679(21)00170-0
26. Rosenbaum S, **Wilkerson RG**, Winters ME, et al. Clinical Practice Statement: What is the Emergency Department Management of Patients with Angioedema Secondary to an ACE-Inhibitor? *J Emerg Med.* 2021 May 15;S0736-4679(21)00182-7
27. Kellum JA, et al. Use of Biomarkers to Identify Acute Kidney Injury to Help Detect Sepsis in Patients With Infection. *Crit Care Med.* 2021; 49(4):e360-e368
28. Rodriguez RM, Torres JR, Chang AM, ..., **Wilkerson RG**, et al. The Rapid Evaluation of COVID-19 Vaccination in Emergency Departments for Underserved Patients Study. *Ann Emerg Med.* 2021 (ePublished May 30, 2021)
29. Dodd KW, Zvosec DL, Hart MA, et al. Electrocardiographic Diagnosis of Acute Coronary Occlusion Myocardial Infarction in Ventricular Paced Rhythm Using the Modified Sgarbossa Criteria. *Ann Emerg Med.* 2021 (ePublished Jun 23, 2021) [collaborator – PERFECT Study Investigator]
30. Wiltjer R, **Wilkerson RG**. Overview of Autism. *EM Reports* 2021; 42(15):1-12 [not indexed in PubMed]
31. Molinari L, Heskia F, Peerapornratana S, et al. Limiting Acute Kidney Injury Progression In Sepsis: Study Protocol and Trial Simulation. *Crit Care Med.* 2021;49(10):1706-1716. [as a Sapphire and Protocolized Care for Early Septic Shock (PROCESS) Investigator]
32. O'Brien MP, Forleo-Neto E, Musser BJ, et al. Subcutaneous REGEN-COV Antibody Combination to Prevent Covid-19. *N Engl J Med.* 2021;385(13):1184-1195. [as a member of the Covid-19 Phase 3 Prevention Trial Team]
33. Ford E, **Wilkerson RG**. Bilateral Hyphema- An Unexpected Complication of Exercise Resistance Band Use: A Case Report. *J Emerg Med.* (ePublished Dec. 23, 2021)
34. **Wilkerson RG**, Moellman JJ. Hereditary Angioedema. *Emerg Med Clin North Am.* 2021; In-Press October 29, 2021 [indexed in PubMed]
  - a. Reprinted as: **Wilkerson RG**, Moellman JJ. Hereditary Angioedema. *Immunol Allergy Clin North Am.* 2023;43(3):533-552.

35. **Wilkerson RG**, Winters ME. Angiotensin-Converting Enzyme Inhibitor-Induced Angioedema. *Emerg Med Clin North Am*. 2021; In-Press October 29, 2021 [indexed in PubMed]
- a. Reprinted as: **Wilkerson RG**, Winters ME. Angiotensin-Converting Enzyme Inhibitor-Induced Angioedema. *Immunol Allergy Clin North Am*. 2023;43(3):513-532.
36. **Wilkerson RG**. Drug Hypersensitivity Reactions. *Emerg Med Clin North Am*. 2021; In-Press October 29, 2021 [indexed in PubMed]
- a. Reprinted as: **Wilkerson RG**. Drug Hypersensitivity Reactions. *Immunol Allergy Clin North Am*. 2023;43(3):473-489.
37. O'Brien MP, Forleo-Neto E, Sarkar N, et al. Effect of Subcutaneous Casirivimab and Imdevimab Antibody Combination vs Placebo on Development of Symptomatic COVID-19 in Early Asymptomatic SARS-CoV-2 Infection. *JAMA*. 2022;327(5):432-441. [as a member of the Covid-19 Phase 3 Prevention Trial Team]
38. McNeilly B, **Wilkerson RG**. Not Feeling Swell: SVC Syndrome falsely attributed to COVID-19 Vaccine Reaction. *J Emerg Med*. (ePublished February 6, 2022)
39. Rosenblatt LS, King SA, Callahan ME, and **Wilkerson RG**. Which Way Would You Slice It? Evaluation of 3 Education Models for the Loop Drainage Technique. *Med Sci Educ*. 2022;32(2):481-494
40. Eswaran V, Chang AM, **Wilkerson RG**, et al. Facemasks: Perceptions and use in an ED population during COVID-19. *Plos One*. 2022;17(4):e0266148.
41. Lurie T, Bonin N, Rea J, Tuteja G, Dezman Z, **Wilkerson RG**, Buganu A, Chasm R, Haase DJ, Tran QK. Patterns of Opioid Prescribing in Emergency Departments During the Early Phase of the COVID-19 Pandemic. *Am J Emerg Med*. 2022; 56:63-70
42. Marshall JD, Heavner JJ, Olivieri PP, Van Ryzin HK, Thomas J, Annous Y, **Wilkerson RG**. Length of Stay and Hospital Cost Reductions After Implementing Bedside Percutaneous Ultrasound Gastrostomy (PUG) in a Critical Care Unit. *J Intensive Care Med*. 2022;37(12):1667-1672.
43. **Wilkerson RG**, Lowie B. Lower Gastrointestinal Bleeding. *EM Reports* 2022; 43(11):121-131 [not indexed in PubMed]
44. Snavely AC, Paradee BE, Ashburn NP, ... **Wilkerson RG**, ... et al. Derivation and validation of a high sensitivity troponin-T HEART pathway [published online ahead of print, 2022 Nov 16]. *Am Heart J*. 2022;256:148-157.
45. Ashburn NP, Snavely AC, O'Neill JC, Allen BR, Christenson RH, Madsen T, Massoomi MR, McCord JK, Mumma BE, Nowak R, Stoprya JP, Huis in't Veld M, **Wilkerson RG**, Mahler SA. Performance of the European Society of Cardiology 0/1-Hour Algorithm With High-Sensitivity Cardiac Troponin T Among Patients With Known Coronary Artery Disease. *JAMA Cardiology*. 2023;8(4):347-356.
46. Prowle JR, Artigas A, Bagshaw SM, Forni LG, Heung M, Hoste E, Marlies O, Koyner JL, Chawla L, Kampf JP, Kwan T, McPherson P, Kellum JA. Serial Urinary C-C Motif Chemokine Ligand 14 and Risk of Persistent Severe Acute Kidney Injury. *Crit Care Explor*. 2023 Mar 1;5(3):e0870. [as a Sapphire Investigator]
47. Neumann JT, Twerenbold R, Ojeda F, et al. Personalized diagnosis in suspected myocardial infarction [published online ahead of print, 2023 May 2]. *Clin Res Cardiol*. 2023;10.1007/s00392-023-02206-3. [As a member of the Artemis Study Group]

48. Williams Roberson S, Nwosu S, Collar EM, et al. Association of Vitamin C, Thiamine, and Hydrocortisone Infusion With Long-term Cognitive, Psychological, and Functional Outcomes in Sepsis Survivors: A Secondary Analysis of the Vitamin C, Thiamine, and Steroids in Sepsis Randomized Clinical Trial [published correction appears in *JAMA Netw Open*. 2023 Apr 3;6(4):e2312173]. *JAMA Netw Open*. 2023;6(2):e230380. Published 2023 Feb 1. [As a VICTAS Investigator]
49. Popp L, Ashburn N, Snavely A, ..., **Wilkerson RG**, et al. Race Differences in Cardiac Testing Rates for Patients with Chest Pain in a Multisite Cohort. *Acad Emerg Med*. 2023;30(10):1020-1028.
50. **Wilkerson RG**, Annous Y, Farhy E, et al. Home Pulse Oximetry Monitoring during the COVID-19 Pandemic: An Assessment of Patient Engagement and Compliance. *Health Policy Technol*. 2023;12(3):100776
51. Malley BE, Yabes JG, Gimbel E, et al. Impact of adherence to procalcitonin antibiotic prescribing guideline recommendations for low procalcitonin levels on antibiotic use. *BMC Infect Dis*. 2023;23(1):30. Published 2023 Jan 19. [As a ProACT Investigator]
52. Tanabe P, Ibemere S, Bosworth H, ... **Wilkerson G**, et al. A Comparison of the effect of patient-specific vs. weight-based protocols to treat vaso-occlusive episodes (VOE) in the emergency department. *Acad Emerg Med*. 2023;30(12):1210-1222.
53. Supples MW, Snavely AC, Ashburn NP, ... **Wilkerson RG**, et al. Performance of the 0/2-Hour hs-cTnT Accelerated Diagnostic Protocol in a Multisite United States Cohort. *Acad Emerg Med*. 2024;31(3):239-248.
54. Glick Z, **Wilkerson RG**. Ruptured Abdominal Aortic Aneurysms. *EM Reports*. 2023; 44(22):253-264 [not indexed in PubMed]
55. Supples MW, ... **Wilkerson RG**, et al. Sex and Race Differences in the Performance of the European Society of Cardiology 0/1-Hour Algorithm with High-Sensitivity Troponin T. *Clin Card*. (Accepted 11/15/2023)
56. European Society of Cardiology 0/1-Hour Algorithm (hs-cTnT) Performance Across Distinct Age Groups. *Heart*. (Accepted 2/3/2024)
57. Ashburn NP, Snavely AC, ... **Wilkerson RG**, Mahler SA. Performance of the European Society of Cardiology 0/1-hour algorithm with high-sensitivity cardiac troponin T at 90 days among patients with known coronary artery disease. *Am J Emerg Med*. 2024;79:111-115.

Correspondence/Letters to the Editor [all are listed in PubMed]

58. **Wilkerson RG**, Stone MB. Ultrasound Identification of Patella Fracture. *Wilderness Environ Med* 2009;20:92-93 [case report – letter to the editor]
59. **Wilkerson RG**. Association of Trichomonas Infection with Gonorrhea or Chlamydia. *J Emerg Med* 2010; Jan 29. [Epub] [letter]
60. **Wilkerson RG**. Treatment of Acquired Angioedema. *Mayo Clin Proc* 2010; 85:101
61. **Wilkerson RG**, Butler KH and Witting MD. Emergency Cricothyroidotomies for Trauma: further considerations. *Am J Emerg Med* 2013; 31:990-1 [letter]
62. **Wilkerson RG**, Hayes BD. Letter in response to "MDMA-induced angioedema treated with icatibant". *Clin Tox* 2016; 54(3):293 [letter]
63. Adebayo O, **Wilkerson RG**. Response to: "Fresh-frozen plasma in ACE inhibitor induced angioedema- so close and yet so far". *Am J Emerg Med* 2017; 35(2):346-347 [letter]

64. Yu S, **Wilkerson RG**. Facebook: A Last Resort for Patient Contact. *Am J Emerg Med* 2017;35(9):1375-1376 (ePub March 18, 2017) [correspondence]
65. **Wilkerson RG**, Martinelli AN, Oliver WD. Treatment of Angioedema Induced by Angiotensin-Converting Enzyme Inhibitor. *J Emerg Med*. May 2018. [letter]
66. **Wilkerson RG**, Dakessian A, Moellman JJ, et al. Clinical trial of C1-INH for treatment of ACEi-induced angioedema. *Am J Emerg Med*. (Available online 11 April 2023) [letter]

#### Professional Organization Newsletters

1. Manoach S, **Wilkerson RG**, Russo CM, Charchafieh J. Case Report: A 12-Month-Old Girl With Partial Airway Obstruction Caused by an Esophageal Coin. ASCCA (American Society of Crit. Care Anesthesiologists) Interchange 2010; 21:13-14
2. Del Ninno T, Khoujah D, **Wilkerson RG**. Take Home Naloxone. EM Resident. June/July 2017
3. Lee R, **Wilkerson RG**. Contrast Induced nephropathy. EM Resident. Oct/Nov 2018
4. **Wilkerson RG**, Annous Y, Hasbini Y. Plus One- Care of the Pregnant Trauma Patient. EM Resident. Aug/Sep 2020
5. Annous Y, Aboabdo M, **Wilkerson RG**. Resident Corner - Applying to Residency in Emergency Medicine Amid the COVID-19 Pandemic: How Will International Medical Graduates Be Affected? Maryland ACEP Newsletter Summer 2020

#### Front Matter

1. Baugh CW, **Wilkerson RG**. Preface: Observation medicine: Providing Safe and Cost-Effective Care Beyond the Emergency Department. *Emerg Med Clin North Am*. 2016; 34(2):xvii-xviii
2. **Wilkerson RG**, Suau S. Preface: Allergic and Immunologic Emergencies. *Emerg Med Clin N Am*. 2022;40(1):xv-xvi.
3. Wilkerson RG, Suau S. Preface: Anaphylaxis, Angioedema, and Other Immunologic Emergencies. *Immunol Allergy Clin North Am*. 2023;43(3):xiii-xiv.

#### Book Chapters

1. **Wilkerson RG**, Approach to the Patient with Ascites, In: AFEM Handbook of Acute and Emergency Care. Wallis LA and Reynolds TA, eds. Oxford University Press–Southern Africa. 2013
2. **Wilkerson RG**, Puncture Wounds, In: Avoiding Common Errors in Emergency Medicine. Mattu A, Chanmugam AS, Swadron SP, et al., eds. Lippincott, Williams and Wilkins. 2017
3. **Wilkerson RG**, Moellman J. Angioedema. In: Mattu A and Swadron S, ed. CorePendum. Burbank, CA: CorePendum, LLC. <https://www.emrap.org/corependium/chapter/recgmcfxPSDNkQRTU/Angioedema>. Updated November 14, 2019. Accessed November 14, 2019.
4. **Wilkerson RG**. Immune System Disorders. In: Dr. Carol Rivers' Preparing for the Written Board Exam in Emergency Medicine 10<sup>th</sup> Ed. Dietrich, Ann editor. Ohio ACEP. 2020.

5. Gaddis GM, Pearson CL, **Wilkerson RG**. Defining a Resident-Level Research/Scholarly Activity Project, In: Resident Research and Scholarly Activity- A Primer. Paxton JH, ed. ACEP Publishing. 2021
6. Paxton JH, **Wilkerson RG**, Bhasin A, et al. How to Properly Design and Conduct a Retrospective Study, In: Resident Research and Scholarly Activity- A Primer. Paxton JH, ed. ACEP Publishing. 2021
7. **Wilkerson RG**. Immune System Disorders. In: Dr. Carol Rivers' Preparing for the Written Board Exam in Emergency Medicine 11<sup>th</sup> Ed. Mattu, Amal editor. Ohio ACEP. 2023.
8. **Wilkerson RG**, Cutaneous Radiation Syndrome, In: Tinitanalli App (pending final publication)
9. **Wilkerson RG**, Acute Radiation Syndrome, In: Tinitanalli App (pending final publication)
10. **Wilkerson RG**, Rhabdomyolysis, In: Tinitanalli App (pending final publication)
11. **Wilkerson RG**, Plantar Puncture Wounds, In: Avoiding Common Errors in Emergency Medicine. Winters ME, et al., eds. Lippincott, Williams and Wilkins. 2024 (pending final publication)
12. **Wilkerson RG**, Ketamine for Procedural Sedation and Pain Management in the Emergency Department, In: Avoiding Common Errors in Emergency Medicine. Winters ME, et al., eds. Lippincott, Williams and Wilkins. 2024 (pending final publication)
13. **Wilkerson RG**, Management of Acute Pain in Patients on Buprenorphine, In: Avoiding Common Errors in Emergency Medicine. Winters ME, et al., eds. Lippincott, Williams and Wilkins. 2024 (pending final publication)

#### Professional Organization Reports

1. Mannerings A, Stader D, Weiner S, Wilkerson G, et al. Overdose Risk in the ED 2024. The Naloxone Project. Available at: <https://www.naloxoneproject.com/s/Overdose-Risk-in-the-ED-2024-02-22.pdf> (Feb 2024)

#### Web-Based Journal Articles

1. **Wilkerson RG**, Sinert R. Trichomoniasis. eMedicine: Emergency Medicine, 2006. <http://www.emedicine.com/emerg/topic613.htm>  
Also, update in 2008, 2009, 2010 and 2011
2. **Wilkerson RG**, Sinert R. Periorbital Infections. eMedicine: Emergency Medicine, 2006. <http://www.emedicine.com/emerg/topic415.htm>  
Also, update in 2008, 2009, 2010 and 2011
3. **Wilkerson RG**, Doty CI. Ménière's Disease. eMedicine: Emergency Medicine, 2008. <http://www.emedicine.com/emerg/topic308.htm>  
Also, update in 2009, 2010
4. Stephens NB, **Wilkerson RG**. Relapsing Fever in Emergency Medicine. Medscape Reference. Updated December 19, 2013. Available at: <http://emedicine.medscape.com/article/787000-overview>.
5. **Wilkerson RG**, Nappe TM. Methemoglobinemia. 2019 Jan 13. Statpearls [Internet]. Treasure Island (Fl): Statpearls Publishing; 2018 Jan-. Available From <http://www.ncbi.nlm.nih.gov/books/nbk537317/> Pubmed PMID: 30726002.

## Multimedia

1. **Wilkerson RG**, “Upper Extremity DVT”, EMedHome  
EMCast, [http://www.emedhome.com/cme\\_emcast\\_list.cfm](http://www.emedhome.com/cme_emcast_list.cfm), March 2014
2. **Wilkerson RG**, “Anaphylaxis”, EMedHome  
EMCast, [http://www.emedhome.com/cme\\_emcast\\_list.cfm](http://www.emedhome.com/cme_emcast_list.cfm), November 2014
3. **Wilkerson RG**, “The Inside Scoop in Icatibant”, EM:RAP <https://www.emrap.org/>, March 2016
4. **Wilkerson RG**, “Use of TXA in EM”, EMedHome  
EMCast, [http://www.emedhome.com/cme\\_emcast\\_list.cfm](http://www.emedhome.com/cme_emcast_list.cfm), April 2016
5. **Wilkerson RG**, “Angioedema”, ERCast <http://blog.ercast.org/>, May 2016
6. **Wilkerson RG**, “Sickle Cell Disease”, EMedHome  
EMCast, [http://www.emedhome.com/cme\\_emcast\\_list.cfm](http://www.emedhome.com/cme_emcast_list.cfm), February 2017
7. **Wilkerson RG**, “The UMMC Experience: Take Home Naloxone”, Maryland Hospital Association Webinar Series; July 2017
8. **Wilkerson RG**, “Initiation of Buprenorphine in the ED”, EMedHome  
EMCast, [http://www.emedhome.com/cme\\_emcast\\_list.cfm](http://www.emedhome.com/cme_emcast_list.cfm), November 2017
9. **Wilkerson RG**, “Angioedema”, EMedHome  
EMCast, [http://www.emedhome.com/cme\\_emcast\\_list.cfm](http://www.emedhome.com/cme_emcast_list.cfm), February 2018
10. **Wilkerson RG**, “Management of the Cirrhotic Patient”, EMedHome  
EMCast, [http://www.emedhome.com/cme\\_emcast\\_list.cfm](http://www.emedhome.com/cme_emcast_list.cfm), February 2018
11. **Wilkerson RG**, “Paradigm Shifts in Care of Patients with Sickle Cell Disease”, Paradigm Shifts: the official podcast of the National Foundation of Emergency Medicine <https://nfoem.com/podcasts/>, 2019
12. **Wilkerson RG**, “Caring for the Sick Sickle Cell Patient”, EMedHome  
EMCast, [http://www.emedhome.com/cme\\_emcast\\_list.cfm](http://www.emedhome.com/cme_emcast_list.cfm), December 2021
13. **Wilkerson RG**, “Review of Guidelines for Angioedema,” EMedHome  
EMCast, [http://www.emedhome.com/cme\\_emcast\\_list.cfm](http://www.emedhome.com/cme_emcast_list.cfm), March 2022
14. **Wilkerson RG**, “Firework Safety,” WBAL Radio, July 4, 2023
15. **Wilkerson RG**, “Spontaneous Bacterial Peritonitis,” EMedHome  
EMCast, [http://www.emedhome.com/cme\\_emcast\\_list.cfm](http://www.emedhome.com/cme_emcast_list.cfm), 2024 (pending release)

## Abstracts, Posters, & Oral Presentations

1. Amitai A, **Wilkerson RG**, Roblin P, Mittal R, Arquilla B. Disaster Preparedness: Training Outcomes for Hospital Staff. Poster Presentation New York ACEP Scientific Assembly 2007
2. **Wilkerson RG**. Corneal Abrasion. Photo Presentation San Francisco SAEM National Meeting 2006
3. Shetty S, Arquilla B, Weiner S, Soghoian S, **Wilkerson G**, and Roblin P. Disaster Training via Annual Workshops in India. Poster Presentation WADEM 16<sup>th</sup> World Congress on Disaster and Emergency Medicine 2009
  - a. Shetty S, Arquilla B, Weiner S, Sogholan S, **Wilkerson G**, Roblin P. (M12) Disaster Training via Annual Workshops in India. Prehospital Disaster Medicine. 2009;24(2):s125.
4. Kenez EL and **Wilkerson RG**. Photo Presentation- A Curious Case of Abdominal Pain. AAEM 21<sup>st</sup> Annual Scientific Assembly March 2015, Austin, Texas.

5. Adams A, Roggio A and **Wilkerson RG**, Sonographic assessment of inadvertent vascular puncture risk during paracentesis using the traditional landmark approach. 19<sup>th</sup> Annual Mid-Atlantic SAEM Regional Meeting. Feb 28, 2015. Washington DC. (Oral presentation given by Ainsley Adams) SAEM National Meeting May 12-15, 2015 San Diego, CA (Oral presentation given by Anthony Roggio)
6. Adams, A, Roggio, A, & **Wilkerson, G.** (2015). 138. Sonographic Assessment Of Inadvertent Vascular Puncture Risk During Paracentesis Using The Traditional Landmark Approach. Academic Emergency Medicine, 22(S1), S67.
7. Adams A, Roggio A and **Wilkerson RG**, Sonographic assessment of inadvertent vascular puncture risk during paracentesis using the traditional landmark approach. Ann Emerg Med. 2015; 66(4S): S132-3 Presented at 2015 ACEP Scientific Assembly Research Forum in Boston, Massachusetts by Ainsley Adams
8. Parker BM, Euerle B and **Wilkerson RG**. Photo Presentation- Lip Abscess Mimicking Angioedema. Presented at AAEM 22<sup>nd</sup> Annual Scientific Assembly February 2016, Las Vegas, NV
9. Spangler R, Cotter B, del Ninno T and **Wilkerson RG**. Impact of a Choosing Wisely Based Educational Initiative in the Emergency Department. Abstract presented at 2016 ACEP Research Forum in Las Vegas, NV
10. Barstow L, Hines M, Logan J, **Wilkerson RG**, Callahan M, Gingold D, del Ninno T, Willis G. Early subcutaneous insulin glargine plus standard of care for treatment of diabetic ketoacidosis. Poster presentation at American Society of Health System Pharmacists (ASHP) Midyear Clinical Meeting, December 2016, Las Vegas, NV
11. del Ninno T, Zhang J, Romeo M, Chen J and **Wilkerson RG**. Comparative Usability Study of Naloxone Autoinjector versus Improvised Intranasal Delivery System in an At-Risk Population. Mediterranean Emergency Medicine Conference, September 2017, Lisbon, Portugal
  - a. \*Selected as a Top 20 Outstanding Abstract
12. **Wilkerson RG**, Pustavoitau A, Carolan H, Goldwasser E, Benner N and Fischer C. Percutaneous Ultrasound Gastrostomy: Demonstrating Proof of Concept in a Human Cadaver Model. Society of Critical Care Medicine Critical Care Congress, February 2018, San Antonio, Texas.
13. Spitzer J, DiRocco D, Morton I, **Wilkerson RG**. Poster 2761 - Comparison of Residents' Attitudes and Knowledge About Opioid Use Disorder: A Cross-Sectional Study. American Psychiatric Association Annual Meeting, May 2018, New York, New York.
14. Tran K, del Ninno T, Baer MR, Law J, **Wilkerson RG**. Poster 57 - Effect of Guidelines for the Care of Patients with Sickle Cell Disease Vaso-occlusive Crisis. AAEM 24<sup>th</sup> Annual Scientific Assembly April 2018, San Diego, CA
15. del Ninno T, Martinez J, **Wilkerson RG**. Poster 125 - Unresponsive in an Alley: An ECG Diagnosis. AAEM 24<sup>th</sup> Annual Scientific Assembly April 2018, San Diego, CA
16. Yu S, Schroeder L, del Ninno T, **Wilkerson RG**. Comparison of Physician versus Nurse assessment of Clinical Opiate Withdrawal Scale (COWS) Evaluation Using Video Simulation. Oral Abstract Presentation at 2018 ACEP Research Forum October, 2018; San Diego, CA
17. DiRocco D, Morton I, Spitzer J, **Wilkerson RG**, Welsh C, Weintraub E. Comparison of Residents' Attitudes and Knowledge About Opioid Use Disorder: One Year Follow Up.

- American Academy of Addiction Psychiatry (AAAM) 29th Annual Meeting and Scientific Symposium December 2018; Bonita Springs, FL
- a. American Journal on Addictions 28 (3), 175
18. Ali K, Bruns BR, Liu LS, **Wilkerson RG**. A Cross Sectional Analysis of Current Tranexamic Acid Use in US Trauma Centers. The London Trauma Conference. December 2018; London, UK
- a. Ali K, **Wilkerson G**, Bruns BR, Liu L. A Cross-Sectional Analysis of Current Tranexamic Acid Use in US Trauma Centers. *Scand J Trauma Resusc Emerg Medicine* 2019, 27(Suppl 1):66
19. **Wilkerson RG**, Carolan H, Goldwasser E, Kent J, Keffer A, Tropello S. Percutaneous Tracheostomy Using Coaptative Ultrasound Methods and Systems. Society of Critical Care Medicine (SCCM) 2019 Critical Care Congress. February 2019; San Diego, CA
20. Yu M, **Wilkerson RG**. A Retrospective Review of the Presentation, Management, and Outcomes of Peritonsillar Abscess Presenting to the Emergency Department. AAEM 25<sup>th</sup> Annual Scientific Assembly March 2019, Las Vegas, NV
21. Chiang C, del Ninno T, Sewaralthahab S, Garbus B, Baer M, Law J, **Wilkerson RG**. Analgesic Dosing for Sickle Cell Vaso-Occlusive Crises in the ED and its Effect on Rate of Admission. AAEM 25<sup>th</sup> Annual Scientific Assembly March 2019, Las Vegas, NV
22. Gatz JD, Gingold D, **Wilkerson RG**. 113 Association of Resident Shift Length With Procedural Performance. *Ann Emerg Med*. 2019; 74(4S): S46
- a. Presented at 2019 ACEP Scientific Assembly Research Forum in Denver, CO by Daniel Gingold
23. Schwartz A, Weingrad A, Dupont E, Baer MR, Law J, Callahan C, **Wilkerson RG**. Association of Time to Initial Emergency Department Analgesia with Rate of Admission in Patients with Uncomplicated Sickle Cell Disease Vaso-Occlusive Crises. *Blood* 2019; 134 (Suppl 1): 2307
- a. Presented at The American Society of Hematology (ASH) 61st Annual Meeting and Exposition. December 2019; Orlando, FL
24. **Wilkerson RG**, Tropello S, Carolan H, Goldwasser E, Kent J, Barasch, N. Validating a Memory Shaped Nitinol Pigtail Guidewire for Coaptative Ultrasound Methods and Systems. Society of Critical Care Medicine (SCCM) 2020 Critical Care Congress. February 2020; Orlando, FL
25. Rosenblatt L, King S, Callahan M, **Wilkerson RG**. Which Way Should You Slice it?: Evaluating Educational Models for Teaching Loop Drainage Technique. Emergencies in Medicine Conference GREAT Abstracts. March 2020. Park City, UT
- a. Rosenblatt L, King S, Callahan M, **Wilkerson RG**. Evaluating Educational Models for Teaching Loop Drainage Technique. *J Emergencies, Trauma, Shock*. 2021;14(1):71.
26. **Wilkerson RG**, Dupont E, Callahan CW. Development of a Sickle Cell Disease Patient Navigation Program and the Impact of Multi-Disciplinary Team Care Plans on Utilization of Hospital-Based Care in Sickle Cell Disease Patients. 16<sup>th</sup> Annual Maryland Patient Safety Conference. March 2020. Baltimore, MD
- a. Selected as a Top 20 Submission
27. Isaacs R, Aligholizadeh E, **Wilkerson RG**. Evaluating Clinician Adherence to American Association for the Study of Liver Diseases Guidelines for Ascites. Emergencies in Medicine Conference GREAT Abstracts. March 2020. Park City, UT

- a. Isaacs R, Aligholizadeh E, **Wilkerson RG**. American Association Guidelines for Ascites Management: Clinician Adherence. *J Emergencies, Trauma, Shock*. 2021;14(1):68.
- 28. Melati M, Annous Y, Dupont E, Chang J, Callahan CW, Baer MR, Law J, **Wilkerson RG**. Multidisciplinary Team Care Plans for Adult Sickle Cell Disease Patients Identified as Frequent Utilizers. Mid-Atlantic Society for Academic Emergency Medicine (SAEM) Annual Meeting. March 2020; Washington DC
  - a. Lightning Oral Presentation by Mary Melati
- 29. Dupont E, Lasko K, Callahan CW, and **Wilkerson RG**. Implementation of an ED-based Nurse Navigator for Patients with Sickle cell disease. 2020 Clinical Practice Summit March 2020. Baltimore, MD [Accepted but meeting cancelled due to COVID-19]
- 30. Hurst J and **Wilkerson RG**. Impact of an Infusion Center on the Utilization of Hospital Based Care by Patients with Sickle Cell Disease. *Blood*. 2020; 136(Supplement 1):6-7
  - a. AAEM 26<sup>th</sup> Annual Scientific Assembly April 2020, Phoenix, AZ [Accepted but meeting cancelled due to COVID-19]
  - b. Oral presentation by Jonathan Hurst (Top 6 abstracts chosen for oral presentation)
- 31. Johnson K, Rosenblatt L, and **Wilkerson RG**. Photo Competition: Double Vision and Headache- Cranial Nerve III Palsy. AAEM 26<sup>th</sup> Annual Scientific Assembly April 2020, Phoenix, AZ [Accepted but meeting cancelled due to COVID-19]
- 32. Wang T and **Wilkerson RG**. Photo Competition: More Than Meets The Eye: Right Periorbital Injury- Pott's Puffy Tumor. AAEM 26<sup>th</sup> Annual Scientific Assembly April 2020, Phoenix, AZ [Accepted but meeting cancelled due to COVID-19]
- 33. Melati M, Annous Y, Dupont E, Chang J, Callahan CW, Baer MR, Law J, **Wilkerson RG**. Multidisciplinary Team Care Plans for Adult Sickle Cell Disease Patients Identified as Frequent Utilizers. *Acad Emerg Med*. 2020; 27(S1): S271.
  - a. Society for Academic Emergency Medicine (SAEM) Annual Meeting. May 2020; Denver, CO [Accepted but meeting cancelled due to COVID-19]
- 34. Allen B, Christenson R, Cohen S, Nowak RM, **Wilkerson RG**, et al. European Society of Cardiology 0/1-Hour High-Sensitivity Troponin Algorithm Performance in a United States Cohort. *Acad Emerg Med*. 2020; 27(S1): S48.
  - a. Society for Academic Emergency Medicine (SAEM) Annual Meeting. May 2020; Denver, CO [Accepted but meeting cancelled due to COVID-19]
- 35. Allen B, Christenson R, Cohen S, Nowak RM, **Wilkerson RG**, et al. One and Done? Performance of a Single Low High-Sensitivity Troponin Level in a Multisite United States Cohort. *Acad Emerg Med*. 2020; 27(S1): S8.
  - a. Plenary Presentation at Society for Academic Emergency Medicine (SAEM) Annual Meeting. May 2020; [Virtual Presentation by Brandon Allen due to COVID-19]
- 36. Allen B, Christenson R, Cohen S, Nowak R, **Wilkerson G**, et al. Evaluation of European Society of Cardiology 0/1-Hour Algorithm in the Diagnosis of 90-Day Major Adverse Cardiovascular Events: A Multicenter United States Cohort Study. European Society of Cardiology (ESC) Congress 2020. August 2020; Amsterdam, The Netherlands
- 37. Rodriguez R, Torres J, Chang A... **Wilkerson G** et al. #54 The Rapid Evaluation of COVID-19 Vaccination in Emergency Departments for Underserved Patients Study. *Ann Emerg Med*. 2021; 78(2S): S28.

38. Hunt A, Kelly M, **Wilkerson G**, et al. #40 Facemasks: Perceptions and Use in an Emergency Department Population During COVID-19. *Ann Emerg Med*. 2021; 78(2S):S21
39. Haggins A, Miller D, Torres J, Chang AM, **Wilkerson G**, et al. REVVED UP: The Rapid Evaluation of COVID-19 Vaccination in Emergency Departments for Underserved Patients. ACEP Research Forum Special Edition - COVID-19. August 2021 (Virtual Presentation)
40. Pickering A, Kuhn D, Sutherland M, and **Wilkerson RG**. 964 - Understanding Emergency Medicine Residency Programs' Scholarly Activity Requirement Implementation - a Mixed Methods Approach. ACEP Research Forum. October 2021; Boston, MA
41. Annous Y, Farhy E, Hurst J, Smedley A, and **Wilkerson RG**. 675 - Home Pulse Oximetry Monitoring for Patients with Suspected COVID-19: A Pilot Assessment of Patient Engagement and Compliance. ACEP Research Forum. October 2021; Boston, MA
  - a. Annous Y, Farhy E, Hurst J, Smedley A, Wilkerson RG. 160 Home Pulse Oximetry Monitoring for Patients With Suspected COVID-19: A Pilot Assessment of Patient Engagement and Compliance. *Ann Emerg Med*. 2021;78(4):S64-S65. doi:10.1016/j.annemergmed.2021.09.171
42. Auville K, Coleman B, Lasko K, Wilkerson G. COVID-19 Vaccine Hesitancy In Emergency Department Patients: An Analysis Of University of Maryland Medical Center Data From The REVVED-UP Study. UMSOM: 44<sup>th</sup> Annual Medical Student Research Day. November 2021; Baltimore, MD
43. Orkoulas-Razis D, Bishop N, Dupont E, Baer MR, **Wilkerson RG**, Law J. Impact of the COVID-19 Pandemic on Acute Care Visits for Patients with Sickle Cell Disease. American Society of Hematology (ASH) 63rd Annual Meeting and Exposition. December 2021; Atlanta, GA
  - a. Orkoulas-Razis D, Bishop N, Dupont E, Baer MR, **Wilkerson RG**, Law JY. Impact of the COVID-19 Pandemic on Acute Care Visits for Patients with Sickle Cell Disease. *Blood*. 2021;138(Supplement 1):3097.
44. Annous Y, Marshall J, Heavner J, Olivieri P, Abdulmahdi M, **Wilkerson RG**. Percutaneous Ultrasound Gastrostomy (PUG) Reduces Time to Gastrostomy Tube Placement in the ICU. Society for Critical Care Medicine 51<sup>st</sup> Critical Care Congress. February 2022; San Juan, Puerto Rico (Accepted)
  - a. Annous Y, Marshall J, Heavner J, Olivieri P, Abdulmahdi M, Wilkerson RG. 586 Percutaneous Ultrasound Gastrostomy Reduces Time to Gastrostomy Tube Placement in the ICU. *Crit Care Med*. 2022;50(1):285.
45. O'Neill JC, Ashburn NP, Snavely AC, Paradee BE, Allen BR, Christenson RH, Nowak R, **Wilkerson RG**, Mumma BE, Madsen T, Stoprya JP, Mahler SA. Performance of the ESC 0/1-Hour Algorithm in Patients with Known Coronary Artery Disease.
  - a. Plenary Presentation at Society for Academic Emergency Medicine (SAEM) Annual Meeting. May 2022; New Orleans, LA
  - b. O'Neill JC, Ashburn NP, Snavely AC, Paradee BE, Allen BR, Christenson RH, Nowak R, **Wilkerson RG**, Mumma BE, Madsen T, Stoprya JP, Mahler SA. #2 Performance of the ESC 0/1-Hour Algorithm in Patients with Known Coronary Artery Disease. *Acad Emerg Med*. 2022;29(S1):S8-S9

46. Stopyra JP, Snavely AC, Paradee BE, Allen BR, Christenson RH, Nowak R, Mumma B, **Wilkerson RG**, Madsen T, O'Neill JC, Ashburn NP, and Mahler SA. Comparison of Chest Pain Pathways Used with High Sensitivity Troponin. Society for Academic Emergency Medicine (SAEM) Annual Meeting. May 2022; New Orleans, LA
- Selected as a Top 100 Abstract
  - Stopyra JP, Snavely AC, Paradee BE, Allen BR, Christenson RH, Nowak R, Mumma B, **Wilkerson RG**, Madsen T, O'Neill JC, Ashburn NP, and Mahler SA. #27 Comparison of Chest Pain Pathways Used with High Sensitivity Troponin. *Acad Emerg Med.* 2022;29(S1):S20
47. Stopyra JP, Snavely AC, Paradee BE, Allen BR, Christenson RH, Nowak R, Mumma B, **Wilkerson RG**, Madsen T, O'Neill JC, Ashburn NP, and Mahler SA. Derivation and Validation of a High Sensitivity Troponin-T HEART Pathway. Society for Academic Emergency Medicine (SAEM) Annual Meeting. May 2022; New Orleans, LA
- Selected as a Top 100 Abstract
  - Stopyra JP, Snavely AC, Paradee BE, Allen BR, Christenson RH, Nowak R, Mumma B, **Wilkerson RG**, Madsen T, O'Neill JC, Ashburn NP, and Mahler SA. #29 Derivation and Validation of a High Sensitivity Troponin-T HEART Pathway. *Acad Emerg Med.* 2022;29(S1):S21
48. Popp LM, Ashburn NP, Snavely AC, Paradee BE, Allen BR, Christenson RH, Nowak R, **Wilkerson RG**, Mumma BE, Madsen T, O'Neill JC, Stopyra JP, Mahler SA. Race Differences in Adverse Cardiac Event, Catheterization, and Revascularization Rates in ED Patients with Chest Pain. Society for Academic Emergency Medicine (SAEM) Annual Meeting. May 2022; New Orleans, LA
- Selected as a Top 100 Abstract
  - Popp LM, Ashburn NP, Snavely AC, Paradee BE, Allen BR, Christenson RH, Nowak R, **Wilkerson RG**, Mumma BE, Madsen T, O'Neill JC, Stopyra JP, Mahler SA. #36 Race Differences in Cardiac Testing Rates for Patients With Chest Pain in a Multisite Cohort. *Acad Emerg Med.* 2022;29(S1):S24-S25
49. Ashburn NP, Snavely AC, Paradee BE, Allen BR, Christenson RH, Nowak R, **Wilkerson RG**, Mumma BE, Madsen T, O'Neill JC, Stopyra JP, Mahler SA. Performance of the ESC 0/1-Hour Algorithm Varies by Age in a Multisite US Cohort. Society for Academic Emergency Medicine (SAEM) Annual Meeting. May 2022; New Orleans, LA
- Selected as a Top 100 Abstract
  - Ashburn NP, Snavely AC, Paradee BE, Allen BR, Christenson RH, Nowak R, **Wilkerson RG**, Mumma BE, Madsen T, O'Neill JC, Stopyra JP, Mahler SA. #31 European Society of Cardiology 0/1-Hour Algorithm Performance Varies by Age in a United States Cohort. *Acad Emerg Med.* 2022;29(S1):S22
50. Ashburn NP, Snavely AC, Paradee BE, Allen BR, Christenson RH, Nowak R, **Wilkerson RG**, Mumma BE, Madsen T, O'Neill JC, Stopyra JP, Mahler SA. The ESC 0/1-Hour Algorithm Performs Similarly between Sexes and Races Using High-Sensitivity Troponin T in a Multisite US Cohort. Society for Academic Emergency Medicine (SAEM) Annual Meeting. May 2022; New Orleans, LA
- Selected as a Top 100 Abstract
  - Ashburn NP, Snavely AC, Paradee BE, Allen BR, Christenson RH, Nowak R, **Wilkerson RG**, Mumma BE, Madsen T, O'Neill JC, Stopyra JP, Mahler SA. #32

- European Society of Cardiology 0/1-Hour Algorithm Performs Similarly Between Sexes and Races. *Acad Emerg Med.* 2022;29(S1):S23
51. O'Neill JC, Ashburn NP, Snavely AC, Paradee BE, Allen BR, Christenson RH, Nowak R, **Wilkerson RG**, Mumma BE, Madsen T, Stoprya JP, Mahler SA. Performance of the 0/2-hour Accelerated Diagnostic Protocol in a Multisite US Cohort. Society for Academic Emergency Medicine (SAEM) Annual Meeting. May 2022; New Orleans, LA
  - a. Selected as a Top 100 Abstract
  - b. O'Neill JC, Ashburn NP, Snavely AC, Paradee BE, Allen BR, Christenson RH, Nowak R, **Wilkerson RG**, Mumma BE, Madsen T, Stoprya JP, Mahler SA. #70 Performance of the 0/2-Hour Accelerated Diagnostic Protocol in a Multisite United States Cohort. *Acad Emerg Med.* 2022;29(S1):S41
52. Nowak R, Mahler S, Madsen T, Christenson R, **Wilkerson G**, Mumma B, Yi F, Allen B. #101 Differentiating Type 1 from Type 2 Acute Myocardial Infarction in the Emergency Department Using the N-terminal Pro B-type Natriuretic Peptide/High-sensitivity Cardiac Troponin T Ratio. ACEP Scientific Assembly Research Forum. Oct 2022; San Francisco, CA
  - a. Nowak R, Mahler S, Madsen T, Christenson R, **Wilkerson G**, Mumma B, Yi F, Allen B. 101 Differentiating Type 1 from Type 2 Acute Myocardial Infarction in the Emergency Department Using the N-terminal Pro B-type Natriuretic Peptide/High-sensitivity Cardiac Troponin T Ratio. *Ann Emerg Med.* 2022;80(4):S50. doi:10.1016/j.annemergmed.2022.08.125
53. Nowak R, Mahler S, Madsen T, Christenson R, **Wilkerson RG**, Mumma B, Yi F, and Allen B. # POS016: Use of the n-terminal pro b-type natriuretic peptide/high-sensitivity cardiac troponin T ratio to differentiate type 1 from type 2 myocardial infarction. European Emergency Medicine Congress. Oct 2022; Berlin, Germany
54. Marshall JD, Olivieri P, Heavner JJ, Ryzin HKV, Thomas J, **Wilkerson RG** (4804) Post Hoc Analysis of Implementing Bedside Percutaneous Ultrasound Gastrostomy in a Critical Care Unit: Assessing Adverse Events and Severity of Illness Between Groups. Oct 2022; Nashville, TN
  - a. Marshall JD, Olivieri P, Heavner JJ, Ryzin HKV, Thomas J, **Wilkerson RG**. Post Hoc Analysis of Implementing Bedside Percutaneous Ultrasound Gastrostomy in a Critical Care Unit: Assessing Adverse Events and Severity of Illness Between Groups. *Chest.* 2022;162(4):A2681.
55. **Wilkerson RG.** (80642) Performance of the High-STEACS Early Rule-Out Pathway for High Sensitivity Cardiac Troponin T at 30-Days in a US Population. European Society of Cardiology Congress. August 2023. Amsterdam, The Netherlands.
56. Mumma BE, Tran N, Allen BR, Christenson R, Nowak RM, **Wilkerson RG**, Weaver M, Yi F, Mahler SA. 21 - Growth Differentiation Factor-15 is Associated With Myocardial Infarction and Death at 30 and 90 Days. Society for Academic Emergency Medicine (SAEM) Annual Meeting. May 2023; Austin, TX.
  - a. Mumma BE, Tran N, Allen BR, et al. 21. Growth Differentiation Factor-15 is Associated With Myocardial Infarction and Death at 30 and 90 Days. *Acad Emerg Med.* 2023;30(S1):17.
57. Snavely AC, Ashburn NP, Allen BR, Christenson C, Nowak RM, **Wilkerson RG**, Mumma BE, Stoprya JP, Mahler SA. 22 - European Society of Cardiology 0/1-Hour, High-Sensitivity Troponin T Algorithm Performance for 90-Day Cardiac Events Among

- Patients With Known Coronary Disease. Society for Academic Emergency Medicine (SAEM) Annual Meeting. May 2023; Austin, TX.
- a. Snavely AC, Ashburn NP, Allen BR, et al. 22. European Society of Cardiology 0/1-Hour, High-Sensitivity Troponin T Algorithm Performance for 90-Day Cardiac Events Among Patients With Known Coronary Disease. *Acad Emerg Med.* 2023;30(S1):17.
58. Montgomery C, Nowak RM, Ashburn NP, Snavely AC, Allen BR, Christenson R, **Wilkerson RG**, Mumma BE, Stopyra JP, Mahler SA. 91 - Sex-Specific High Sensitivity Troponin Thresholds Do Not Rule Out Cardiac Events in Patients With Coronary Disease. Society for Academic Emergency Medicine (SAEM) Annual Meeting. May 2023; Austin, TX.
- a. Montgomery C, Nowak RM, Ashburn NP, et al. 91. Sex-Specific High Sensitivity Troponin Thresholds Do Not Rule Out Cardiac Events in Patients With Coronary Disease. *Acad Emerg Med.* 2023;30(S1):50.
59. Millard MJ, Ashburn NP, Snavely AC, Allen BR, Christenson R, Nowak RM, **Wilkerson RG**, Mumma BE, Stopyra JP, Mahler SA. 95 - 30-Day Performance of High-Sensitivity Troponin in the Evaluation of Patients With Acute Coronary Syndrome, Early Rule-Out Pathway for Cardiac Troponin T in a United States Population. Society for Academic Emergency Medicine (SAEM) Annual Meeting. May 2023; Austin, TX.
- a. Millard M, Ashburn NP, Snavely AC, et al. 95. 30-Day Performance of High-Sensitivity Troponin in the Evaluation of Patients With Acute Coronary Syndrome, Early Rule-Out Pathway for Cardiac Troponin T in a United States Population. *Acad Emerg Med.* 2023;30(S1):52.
60. Ashburn NP, Snavely AC, Allen BR, Christenson R, Nowak RM, **Wilkerson RG**, Mumma BE, Stopyra JP, Mahler SA. 507 - One and Done High-Sensitivity Troponin T Strategy Is Unsafe in Patients With Known Coronary Artery Disease. Society for Academic Emergency Medicine (SAEM) Annual Meeting. May 2023; Austin, TX.
- a. Ashburn NP, Snavely AC, Allen BR, et al. 507. One and Done High-Sensitivity Troponin T Strategy Is Unsafe in Patients With Known Coronary Artery Disease. *Acad Emerg Med.* 2023;30(S1):240.
61. Supples M, Stopyra JP, Ashburn NP, Allen BR, Christenson R, Nowak RM, **Wilkerson RG**, Mumma BE, Mahler SA. 509 - Performance of the High-Sensitivity Cardiac Troponin T 0/2-hour Accelerated Diagnostic Protocol at 90 days. Society for Academic Emergency Medicine (SAEM) Annual Meeting. May 2023; Austin, TX.
- a. Millard M, Ashburn NP, Snavely AC, et al. 95. 30-Day Performance of High-Sensitivity Troponin in the Evaluation of Patients With Acute Coronary Syndrome, Early Rule-Out Pathway for Cardiac Troponin T in a United States Population. *Acad Emerg Med.* 2023;30(S1):52.
62. Dakessian A, Yoon I, Lasko K... **Wilkerson RG**. Use of a Rapid Bedside Semi-Quantitative Test to Detect COVID-19 Immunoglobulin Levels in Vaccinated Immunocompetent Adult Patients. ACEP Research Forum. October 2023; Philadelphia, PA
- a. Dakessian A, Yoon I, Lasko K... **Wilkerson RG**. 238. Use of a Rapid Bedside Semi-Quantitative Test to Detect COVID-19 Immunoglobulin Levels in

- Vaccinated Immunocompetent Adult Patients. *Ann Emerg Med*. 2023;82(4):S108.
63. Harris AW, LaBonte L, Massaccesi G,...**Wilkerson RG**. Potential Impact of Application of the Canadian Syncope Risk Score. ACEP Research Forum. October 2023; Philadelphia, PA
- a. Harris AW, LaBonte L, Massaccesi G,...**Wilkerson RG**. Potential Impact of Application of the Canadian Syncope Risk Score. *Ann Emerg Med*. 2023;82(4):S50.
64. Bhandari N, Tran NK, Allen BR, Christenson RC, Nowak RM, **Wilkerson RG**, et al. Su4059 / 4059 - Sex Differences in Growth Differentiation Factor-15 and Association With Acute Myocardial Infarction and Death at 90 Days in Emergency Department Patients Presenting With Acute Chest Pain and Normal Troponin Levels. American Heart Association Scientific Sessions. November 2023; Philadelphia, PA
- a. Bhandari N, Tran NK, Allen BR, Christenson RC, Nowak RM, **Wilkerson RG**, et al. A bstract 14946: Sex Differences in Growth Differentiation Factor-15 and Association With Acute Myocardial Infarction and Death at 90 Days in Emergency Department Patients Presenting With Acute Chest Pain and Normal Troponin Levels. *Circulation*. 2023;148:A14946
65. Yamane DP, Jones CW, **Wilkerson RG**, et al. High-Velocity Nasal Insufflation vs Non-Invasive Positive Pressure Ventilation for COPD Exacerbation. Society of Critical Care Medicine (SCCM) Critical Care Congress. January 2024; Phoenix, AZ
- a. \*Selected for a Star Research Award
  - b. Yamane DP, Jones CW, **Wilkerson G**, et al. 42. High-Velocity Nasal Insufflation vs Non-Invasive Positive Pressure Ventilation for COPD Exacerbation. *Crit Care Med*. 2024;52(1):S21.
66. Bui T, Wynne A, **Wilkerson RG**, Salerno A. Correlation Between Tongue Thickness and Distance Skin to Epiglottis as Measured by Ultrasound with BMI. Society for Academic Emergency Medicine (SAEM) Annual Meeting. May 2024; Phoenix, AZ (Accepted)

### Major Invited Speeches

#### Local

1. **Wilkerson, R.G.**, “Angioedema”, Kings County Hospital/SUNY-Downstate, Brooklyn, NY, October 2009
2. **Wilkerson, R.G.**, “Hemoglobinopathies”, University of South Florida/Tampa General Hospital Emergency Medicine Grand Rounds, Tampa, FL, March 2011
3. **Wilkerson, R.G.**, “Rhabdomyolysis”, University of South Florida/Tampa General Hospital Emergency Medicine Grand Rounds, Tampa, FL, June 2011
4. **Wilkerson, R.G.**, “Angioedema”, University of South Florida/Tampa General Hospital Internal Medicine Morning Conference, Tampa, FL, November 2011
5. **Wilkerson, R.G.**, “Kawasaki Disease, Sarcoidosis, & Rheumatic Fever”, University of South Florida/Tampa General Hospital Emergency Medicine Grand Rounds, Tampa, FL, February 2012

6. **Wilkerson, R.G.**, “Epistaxis, Cavernous Sinus Thrombosis, Rhinitis, & Sinusitis”, University of South Florida/Tampa General Hospital Emergency Medicine Grand Rounds, Tampa, FL, April 2012
7. **Wilkerson, R.G.**, “Sickle Cell Disease”, University of Maryland Emergency Medicine Residency Conference, Baltimore, MD, November 2012
8. **Wilkerson, R.G.**, “Adverse Drug Reactions: an introduction for radiation technologists”, University of Maryland Medical Center Radiation Technologists Meeting, Baltimore, MD, April 2013
9. **Wilkerson, R.G.**, “Introduction to ECGs”, University of Maryland Medical Center Nurse Practitioners, Baltimore, MD, May 2013
10. **Wilkerson, R.G.**, “Angioedema- There Is More”, Grand Rounds, Department of Anesthesia, Mercy Medical Center, Baltimore, MD, October 2013
11. **Wilkerson, R.G.**, “Introduction to ECGs - II”, University of Maryland Medical Center Nurse Practitioners, Baltimore, MD, November 2013
12. **Wilkerson, R.G.**, “Approach to Anaphylaxis”, University of Maryland Emergency Medicine Residency Intern Orientation, Baltimore, MD, July 2014
13. **Wilkerson, R.G.**, “Anaphylaxis & Angioedema”, University of Maryland Midtown Campus Internal Medicine Residency Grand Rounds, Baltimore, MD, August 2014
14. **Wilkerson, R.G.**, “Introduction to ECGs”, University of Maryland Emergency Medicine Medical Student Rotation Conference, Baltimore, MD, September 2014
15. **Wilkerson, R.G.**, “Don’t Let Your CBRNE Event Become a Disaster”, Grand Rounds, Department of Anesthesia, Mercy Medical Center, Baltimore, MD, January 2015
16. **Wilkerson, R.G.**, “Approach to Anaphylaxis”, University of Maryland Emergency Medicine Residency Intern Orientation, Baltimore, MD, July 2015
17. **Wilkerson, R.G.**, “Introduction to ECGs” – a 2.5 hour course, University of Maryland School of Nursing – Adult-Gerontology Primary Care Nurse Practitioner Program; Baltimore, MD, March 2016
18. **Wilkerson, R.G.**, “Approach to Anaphylaxis”, University of Maryland Emergency Medicine Residency Intern Orientation, Baltimore, MD, July 2016
19. **Wilkerson, R.G.**, “Introduction to ECGs” – a 2.5 hour course, University of Maryland School of Nursing – Adult-Gerontology Primary Care Nurse Practitioner Program; Baltimore, MD, March 2017
20. **Wilkerson, R.G.**, “Take Home Naloxone” Howard County Hospital Department of Emergency Medicine, July 2017
21. **Wilkerson, R.G.**, “Introduction to ECGs” – a 2.5 hour course, University of Maryland School of Nursing – Adult-Gerontology Primary Care Nurse Practitioner Program; Baltimore, MD, March 2018
22. **Wilkerson, R.G.**, “I Can Narcan”, Intern Bootcamp: University of Maryland School of Medicine, Baltimore, MD, May 2018
23. **Wilkerson, R.G.**, “The Emergency Department: On the Front Lines of the Opioid Epidemic”, Baltimore County Department of Health “Prescribing Drugs Responsibly” Conference, Baltimore, MD, May 2018
24. **Wilkerson, R.G.**, “Red Blood Cell Disorders”, University of Maryland Emergency Medicine Residency Conference, Baltimore, MD, November 2018
25. **Wilkerson, R.G.**, “Responding to the Opioid Epidemic”, Mercy Medical Center Grand Rounds for Surgery, Anesthesia & Ob-Gyn, Baltimore, MD, January 2019

26. **Wilkerson, R.G.**, “Responding to the Opioid Epidemic”, University of Maryland Medical Center, Department of Surgery Grand Rounds, Baltimore, MD, January 2020
27. **Wilkerson, R.G.**, “Updates on the Treatment of Sickle Cell Disease”, University of Maryland Emergency Medicine Residency Conference, Baltimore, MD, September 2020
28. **Wilkerson, R. G.**, “Angioedema: A Swelling Epidemic”, University of Maryland Family Medicine Residency Conference, Baltimore, MD, April 2021
29. **Wilkerson, R.G.**, “Introduction to ECGs” – a 2.5-hour course, University of Maryland School of Nursing – Adult-Gerontology Primary Care Nurse Practitioner Program; Baltimore, MD, April 2022
30. **Wilkerson, R.G.**, “Resiliency & Wellness in Emergency Medicine”, University of Maryland Emergency Medicine Residency Conference, Baltimore, MD, June 2022
31. **Wilkerson, R.G.**, “Recent Literature on ACE Inhibitor-Induced Angioedema”, University of Maryland Emergency Medicine Residency Conference, Baltimore, MD, February 2023
32. **Wilkerson, R.G.** and Dubbs, S.B., “Beyond the Pain: Emergencies of Sickle Cell Disease,” University of Maryland Emergency Medicine Residency Conference, Baltimore, MD, August 2023
33. **Wilkerson, R.G.**, “The Opioid Epidemic - A Call to Action”, University of Maryland Medical Center, Department of Obstetrics & Gynecology Grand Rounds, Baltimore, MD, September 2023

State/Regional

34. **Wilkerson, R.G.**, “Explosive Disasters”, Kings County Hospital / SUNY Downstate Emergency Medicine Residency Conference, Brooklyn, NY, July 2013
35. **Wilkerson, R.G.**, “Anaphylaxis: Don’t Let It Take Your Breath Away”, Greater Chesapeake Emergency Medicine Combined Conference, Baltimore, MD, September 2013
36. **Wilkerson, R.G.**, “Explosive Disasters”, Kings County Hospital / SUNY Downstate Emergency Medicine Residency Conference, Brooklyn, NY, July 2014
37. **Wilkerson, R.G.**, “Let’s Have A Blast: Intro to Explosive Disasters”, Kings County Hospital / SUNY Downstate Emergency Medicine Residency Conference, Brooklyn, NY, July 2014
38. **Wilkerson, R.G.**, “Don’t Let Your CBRNE Event Become a Disaster”, Bellevue Hospital Department of Emergency Medicine Grand Rounds, New York, NY, May 2015
39. **Wilkerson, R.G.**, “Let’s Have A Blast: Intro to Explosive Disasters”, Bellevue Hospital Department of Emergency Medicine Grand Rounds, New York, NY, May 2015
40. **Wilkerson, R.G.**, “Explosive Disasters- Let’s Have A Blast!”, UMBC Paramedic Refresher Course; Baltimore, MD, February 2016
41. **Wilkerson, R.G.**, “My Journey on the Gurney”, Maryland ACEP, Baltimore, MD, March 2017
42. **Wilkerson, R.G.**, “Sickle Cell Disease: Primum non nocere”, Grand Round Lecture at Christiana Care Emergency Medicine Residency, Newark, DE, June 2017
43. **Wilkerson, R.G.**, “Anaphylaxis- Don’t Let It Take Your Breath Away”, University Medical Center Hospital Grand Rounds, Washington, DC, November 2017

44. **Wilkerson, R.G.**, “Angioedema- Don’t Let It Take Your Breath Away”, University of Florida- Jacksonville Emergency Medicine Grand Rounds, Jacksonville, FL, November 2017
45. **Wilkerson, R.G.**, “Blood Products in the ED”, Virginia ACEP, The Homestead, VA, February 2019
46. **Wilkerson, R.G.**, “There Will Be Blood: Reversal of the Bleeding Patient on Anticoagulation”, Virginia ACEP, The Homestead, VA, February 2019
47. **Wilkerson, R.G.**, “Responding to the Opioid Epidemic”, Maryland Chapter of the American College of Surgeons Annual Meeting, Annapolis, MD March 2019
48. **Wilkerson, R.G.**, “Sickle Cell Disease Treatment Strategies: Best Practices & Emerging Therapies”, California ACEP Board of Directors Meeting, Sacramento, CA April 2019
49. **Wilkerson, R.G.**, “Angioedema: A Swelling Epidemic”, Grand Round Lecture, Mt. Sinai Hospital, Department of Emergency Medicine, New York, NY September 2019
50. **Wilkerson, R.G.**, “Responding to the Opioid Epidemic”, Grand Round Lecture, Prisma Health Department of Emergency Medicine, Greenville, SC January 2020
51. **Wilkerson, R.G.**, “Be the Change: Improving Care of Sickle Cell Disease”, Grand Rounds Lecture, Department of Emergency Medicine, Virginia Tech Carilion School of Medicine, Roanoke, VA May 2020 [Zoom Conference due to COVID-19]
52. **Wilkerson, R.G.**, Chua, J, Narayanan, S, “Monoclonal Antibody Therapy for COVID-19: Scientific Basis and Ongoing Studies”, Maryland Department of Health, March 2021 [Zoom Conference due to COVID-19]
53. **Wilkerson, R.G.**, “Caring for Patients with Sickle Cell”, Grand Rounds Lecture, Department of Emergency Medicine, Georgetown University/Washington Hospital Center, Washington DC, November 2021
54. **Wilkerson, R.G.**, “Substance Abuse Slingshot”, Educational Station at Greater Chesapeake Emergency Medicine Conference, Ellicott City, MD, September 2022
55. **Wilkerson, R.G.**, “Developing a Winning Research Program”, Grand Rounds Lecture, Department of Emergency Medicine, Charleston Area Medical Center, Charleston, WV (virtual), May 2023
56. **Wilkerson, R.G.**, “Extended Release Buprenorphine”, Part of Maryland ACEP Panel with Mustapha Saheed, MD and Drew Fuller, MD. (virtual), January 2024

#### National

57. **Wilkerson, R.G.**, “Angioedema- Your Worst Airway Nightmare”, Crashing Patient Conference, Baltimore, MD, October 2013
58. **Wilkerson, R.G.**, “Angioedema- Why do we keep treating it all the same?”, 21<sup>st</sup> Annual American Academy of Emergency Medicine Scientific Assembly, Austin, TX, March 2015
59. **Wilkerson, R.G.**, “Rhabdo- Where is the evidence?”, 21<sup>st</sup> Annual American Academy of Emergency Medicine Scientific Assembly, Austin, TX, March 2015
60. **Wilkerson, R.G.**, “Point-Counterpoint- We Should Treat Asymptomatic Hypertension from the ED”, 22<sup>nd</sup> Annual AAEM Scientific Assembly; Las Vegas, NV, February 2016
61. **Wilkerson, R.G.**, “Angioedema- What Can We Do?”, 22<sup>nd</sup> Annual AAEM Scientific Assembly; Las Vegas, NV, February 2016
62. **Wilkerson, R.G.**, “When the Patient is Me!”, Crashing Patient Conference; Baltimore, MD, November 2016

63. **Wilkerson, R.G.**, “Stop the Bleed: Hemorrhage in DOAC Therapy”, 23rd Annual AAEM Scientific Assembly, Orlando, FL, March 2017
64. **Wilkerson, R.G.**, “My Journey on the Gurney”, 23rd Annual AAEM Scientific Assembly, Orlando, FL, March 2017
65. **Wilkerson, R.G.**, “Sickle Cell Disease- Primum non nocere”, 24<sup>th</sup> Annual AAEM Scientific Assembly; San Diego, CA; April 2018
66. **Wilkerson, R.G.**, “The Underestimated Cost of the Opioid Crisis”, International City/County Management Association National Conference, Baltimore, MD September 2018
67. **Wilkerson, R.G.**, “There Will Be Blood: Reversal of the Bleeding Patient on a DOAC”, 25<sup>th</sup> Annual AAEM Scientific Assembly; Las Vegas, NV; March 2019
68. **Wilkerson, R.G.**, “My Journey on the Gurney”, 2020 Rocky Mountain Winter Conference; Breckenridge, CO; February 2020
69. **Wilkerson, R.G.**; Glassberg, J; Freiermuth, C; Young, H. “SCD and COVID Management in the ED”; ASH/ACEP Webinar; November 2020
70. **Wilkerson, R.G.**, “MAT & MAB: Monoclonal Antibodies & Medication Assisted Treatment”, Emergency Department Practice Management Association (EDPMA) Virtual Workshop; May 2021
71. **Wilkerson, R.G.**, “Managing the SICK Sickle Cell Patient”, The Crashing Patient Conference; Baltimore, MD; October 2021
72. **Wilkerson, R.G.**, “Sickle Cell Disease- Complications That Kill”, 2022 Rocky Mountain Winter Conference; Steamboat Springs, CO; March 2022
73. **Wilkerson, R.G.**, “Found Down? Check the Compartments!”, The Crashing Patient Conference; Baltimore, MD; November 2022
74. **Wilkerson, R.G.**, “Developing an Industry-Funded Clinical Research Program,” Society of Critical Care Medicine- Emergency Medicine Research Section Quarterly Meeting; Virtual; October 2023

#### International

75. **Wilkerson, R.G.**, “Chemical Warfare & Disaster Medicine”, Kasturba Medical College, Mangalore, India, October 2008
76. **Wilkerson, R.G.**, “Radiation & Disaster Medicine”, Kasturba Medical College, Mangalore, India, October 2008
77. **Wilkerson, R.G.**, “Emergency Sonography Saves Time & Saves Lives”, INDUS-EM 2008: 4<sup>th</sup> Indo-US Emergency Medicine Summit, Mangalore, India, October 2008
78. **Wilkerson, R.G.**, “Hazard Vulnerability Analysis”, PSG Hospital, Coimbatore, India, October 2009
79. **Wilkerson, R.G.**, “HVA & CBRNE”, INDUS-EM 2009: 5<sup>th</sup> Indo-US Emergency Medicine Summit Coimbatore, India, October 2009
80. **Wilkerson, R.G.**, “FAST Exam”, 3<sup>rd</sup> Emergency Sonography School, B J Medical College, Ahmedabad, India, November 2009
81. **Wilkerson, R.G.**, “Lung Sonography: An Introduction”, 3<sup>rd</sup> Emergency Sonography School, B J Medical College, Ahmedabad, India, November 2009
82. **Wilkerson, R.G.**, “Non-Invasive Ventilation for the Emergency Physician”, Apollo GlenEagles Hospital Masters in Emergency Medicine Program, Kolkata, India April 2017

83. **Wilkerson, R.G.**, “Recognition of the Sick Patient”, Apollo GlenEagles Hospital Masters in Emergency Medicine Program, Kolkata, India April 2017
84. **Wilkerson, R.G.**, “Use of Vasopressors in Sepsis”, Apollo GlenEagles Hospital Masters in Emergency Medicine Program, Kolkata, India April 2017
85. **Wilkerson, R.G.**, “Use of Lactate in Resuscitation”, Apollo GlenEagles Hospital Masters in Emergency Medicine Program, Kolkata, India April 2017
86. **Wilkerson, R.G.**, “Recognition and Management of Shock”, Apollo GlenEagles Hospital Masters in Emergency Medicine Program, Kolkata, India April 2017
87. **Wilkerson, R.G.**, “Management of Acute Decompensated Heart Failure”, Apollo GlenEagles Hospital Masters in Emergency Medicine Program, Kolkata, India April 2017
88. **Wilkerson, R.G.**, “The Lon Chaney Lecture”, Apollo GlenEagles Hospital Masters in Emergency Medicine Program, Kolkata, India April 2017
89. **Wilkerson, R.G.**, “Angioedema & Anaphylaxis”, Apollo GlenEagles Hospital Masters in Emergency Medicine Program, Kolkata, India April 2017
90. **Wilkerson, R.G.**, “Introduction to ECG Analysis”, Apollo GlenEagles Hospital Masters in Emergency Medicine Program, Kolkata, India April 2017
91. **Wilkerson, R.G.**, “Angioedema: Preparing for a Potential Airway Disaster”, Inter-American Emergency Medicine Conference, San Jose, Costa Rica May 2017
92. **Wilkerson, R.G.**, “Seeing Red: Massive Transfusion in Trauma”, Inter-American Emergency Medicine Conference, San Jose, Costa Rica May 2017
93. **Wilkerson, R.G.**, “Sickle Cell Disease: Primum non Nocere”, Mediterranean Emergency Medicine Conference (MEMC), Lisbon, Portugal September 2017
94. **Wilkerson, R.G.**, “Angioedema: The Science Behind Its Treatment”, Mediterranean Emergency Medicine Conference (MEMC), Lisbon, Portugal September 2017
95. **Wilkerson, R.G.**, “I Feel Swell: Allergy, Anaphylaxis, and Angioedema,” Chiang Mai University Hospital, Department of Emergency Medicine, Chiang Mai, Thailand February 2024
96. **Wilkerson, R.G.**, “I Feel Swell: Allergy, Anaphylaxis, and Angioedema,” Nakhon Pathom Hospital, Department of Emergency Medicine, Nakhon Pathom, Thailand February 2024
97. **Wilkerson, R.G.**, “I Feel Swell: Allergy, Anaphylaxis, and Angioedema,” Ramathibodi Hospital, Department of Emergency Medicine, Bangkok, Thailand February 2024

### Community Engagements

98. **Wilkerson, R.G.**, “COVID-19 Vaccine”, Maryland Sickle Cell Disease Association Meeting January 2021
99. **Wilkerson, R.G.**, “COVID-19, Vaccinations, and Disparities in Healthcare”, Healthcare Disparities Webinar, Converted Heart Christian Methodist Church, Calverton, MD, February 2021
100. **Wilkerson, R.G.**, et al., “WEBINAR: Monoclonal Antibody Infusions for the Treatment of COVID-19”, University of Maryland Medical System, Baltimore, MD, February 2021
101. **Wilkerson, R.G.**, “Being an Emergency Physician”, Career Day, Roland Park Elementary & Middle School, Baltimore, MD, April 2021

102. **Wilkerson, R.G.**, et al., “WEBINAR: Monoclonal Antibody Treatment for COVID-19”, Town of Bowie, MD, May 2021