



Vincent Marsh MD, FACEP, Maj ANG
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Highly trained academic / clinical board certified emergency medicine physician well versed in critical care, rural medicine and ultrasound application. Academic faculty at Wright State University where he prepares the next generation of EM physicians through bedside teaching, medical lecturing, and scholarly research. Dr. Marsh also serves within the Air National Guard as a Critical Care Air Transport (CCAT) Physician. He is Board Certified in Emergency Medicine and is actively practicing Emergency Medicine throughout Ohio and also internationally with the Cleveland Clinic.

CURRICULUM VITAE

Experience

July 2024 - Current

Cleveland Clinic International Operations consulting Emergency Medicine Physician

- Provided expert emergency medicine consultation for The Cleveland Clinic and function as team lead for rapidly deployable resuscitation teams for International VIP Clients. Cleveland Clinic: 9500 Euclid Ave, Cleveland OH 44195

Nov 2022- Current

Emergency Medicine Staff Physician

- Provided direct patient care within a wide range of ED settings spanning from rural critical access hospitals to Level 1 Trauma centers with 100,00+ visits/year. Cases include comprehensive stroke, STEMI, Trauma, Pediatric Medical Center, Obstetric emergencies, etc.
- Primer Health Network, CHP, and Emergency Medicine Physicians Groups

July 2020 - June 2024

USAF Attending Emergency Medicine Physician

- Provided direct patient care to active duty service members, veterans, reservists and family members. Precepted medical students, PA / NP students, and ER residents. Served on multiple hospital committees such as antibiotic stewardship committees.
- Wright Patterson Air Force Base 4881 Sugar Maple Drive, Ohio 45433-5529

July 2022 - Current

USAF Critical Care Air Transport (CCAT) Physician

- Advance practice team formed to provide critical care and resuscitative medical treatment for a wide variety of pathologies across multiple modalities of transport.
Active Duty **July 2022 - June 2024**
- Air National Guard **June 2024 - Current**

October 2021 - April 2022

Al Dhafra Air Base Emergency Medicine Liaison and EMS director

- Sole Emergency Medicine Physician for greater than 2000 person military installation. Functioned as Base wide EMS director, Mass casualty coordinator, and EM liaison to surrounding medical Centers of Excellence (COEs).
- Al Daphra Air Base, UAE

Education

June 2017- June 2020

Emergency Medicine Residency

- WSU EM residency program: 2555 University Blvd, 110 Dayton OH 45324

July 2021

Critical Care Air Transport Training Initial

- Wright Patterson Air Force Base Dayton OH, 45433-5529

July 2022

Critical Care Air Transport Training Advanced

- University of Cincinnati Medical Center Cincinnati OH 45219

August 2013 - May 2017

Doctor of Medicine

- Medical University of South Carolina School of Medicine, Charleston SC

August 2008 - June 2012

Bachelor of Science

- Health Sciences Degree Furman University, Greenville, SC
- *Cum laude*

Presentations / Lectures

LVAD Emergencies - Wright State University EM Conference 2023/2024

Undifferentiated Respiratory Failure- Wright State University EM Conference 2024

Right Ventricular Failure - Wright State University EM Conference 2024

Asthma Treatment- Wright State University EM Conference 2023

Opiate Use Disorder - Wright State University EM Conference 2022

Confidence Intervals and P Value - Wright State University EM Conference 2022

Bayesian Analysis Wright State University EM Conference 2022

Cardiac Arrhythmias -Wright State University EM Conference 2022/2023

Hepatic Encephalopathy- Wright State University EM Conference 2021

Analytical Acid Base- Wright State University EM Conference 2021

CMDA National conference 2019

Department of Medicine 10th Annual Research Symposium: FAST study 2016

MUSC Research Day 2015 - "Beating the Shot Clock" (Pediatric Emergency Medicine)

MUSC Obesity Symposium 2013- "New Impact"

USCG Medical School 2013- "New Impact"

ACSM 59th Annual Meeting, San Francisco, California 2012 – "EMG Research"

Furman Engaged Research Symposium 2012- "EMG Research"

Furman Engaged Research Symposium 2011- "FUEL Study"

Honors & Awards

United States Air Force

Health Professions Scholarship Recipient
Commissioned as Capt USAF 2017
Commissioned Officer Training, Maxwell AFB, 2013
Graduated class > 90th percentile in academic, leaderships, and physical fitness
Class Standardization Officer
Guardian squadron, Oscar flight

Medical University of South Carolina

Pre-clinical semester honors 2013 - 2015

Furman University

Dean's Honors recipient 2009-2012
Susie M. Abney Scholarship recipient 2008-2012
Schoenmeyer Scholarship recipient 2011
Cum Laude
Collegiate Athlete (Football & Rugby)

Research

Published

Sich, M., Marsh V., "Acute Trauma Care in the Era of SARS-CoV-2." *Trauma Reports*, vol. 23, no. 2, 1 Mar. 2022.

"An online, interactive lecture is equivalent to an online, narration-only lecture of the Focused Assessment with Sonography for Trauma ultrasound examination." *Bradley Presley MD¹, Ryan Barnes DO¹, Vincent Marsh², Jon Jennings MD¹, Geoffrey Hayden, MD¹* Division of Emergency Medicine, Medical University of South Carolina,

Marsh, V., Kirby, K., Allmendinger, C., Caterisano, A. (2012) The Production of Electromyographic Activation within 3 Back Muscles during Pronated, Supinated, and Behind the Neck Pull-ups. *ACSM's Journal of Medicine and Science in Sport and Exercise*, 44 (5), 300.

Feigenbaum, M., O'Neil, A., Marsh, V. (2012) Prevalence of Biomarkers of Vascular Disease in Young Adults. *ACSM's Journal of Medicine and Science in Sport and Exercise*, 44 (5), 484.

Internal Studies

"Beating the Shock Clock:" An Electronic Best Practice Advisory as a QI Intervention for Pediatric Emergency Department Septic Shock Care. Lisa Hunt, MD; Cara Slagle, MD; Jessie Litsey, MD; Madeline G. Gehrig, RN, CPEN; Baley Ganger, RN; Vincent Marsh, BS; Joseph Losek, MD; and Rachel Tuuri, MD. (2014)

NEW IMPACT (Greenville Hospital System)- Community: "Implementation of the Obesity Care Model in Greenville County OR Implementation of the Obesity Care Model in a Pediatric Weight Management Clinic" Cara B. Reeves, PhD, Jennifer Trilk, PhD, Vincent Marsh, BS and Kerry Sease, MD. (2013)

Furman University Eating Lean (2011)

The FUEL study was an interventional program that required participants to adhere to a low density high volume diet while markers of health such as Hemoglobin A1c, CRP, LDL, HDL, triglycerides, bone density, body fat, etc. were analyzed periodically.

Educational Leadership

Medical University of South Carolina

Anatomy Teaching Assistant

- Oversaw anatomy education for PA, PT, OT, and NP/CRNA students
- Conducted anatomy labs, facilitated anatomy test, and lead teaching sessions

Educational tutor

- Medical education tutor for PA, PT and OT students

Founder and president of “Life Outside of Medicine”

- Student organization dedicated to serving MUSC families
- Provide support for full time MUSC students with families.
- Coordinated physician lead small groups for students and spouses.

Student Representative for Emergency Medicine student group

- Recruitment, event planning, and simulation lab coordinator

Internships

Cardiac Rehab “Heart- Life”

- Greenville Hospital System, Greenville, SC (August 2011- November 2011)
- Reading and recording telemetry printouts, monitoring and assisting rehab patients, recording patient history, blood pressure, heart rate, glucose levels, changes in medicine, and perceived pain. I was also in charge of leading strength and conditioning classes for senior members.

Volunteer Work

Down Syndrome Association of the Lowcountry

- One-on-one mentoring/facilitated group activities (2014 - 2017)

MUSC Cares Clinic

- Health clinic for underfunded patients in Charleston SC. (2014 - 2016)

James Island Christian School (K-12)

- Science lectures, student mentoring, school maintenance (2013-2015)

Patterson Academy Charity Dodge Ball Tournament

- Fundraiser for children with neurological disorders (March 2015)

MUSC Sugar-free Fall Festival

- Event for Pediatric diabetic patients (2013)

SCRUBS Program @ Roper St. Francis Hospital Charleston, SC

- The SCRUBS volunteer program was designed to provide students with hands on experience, good bedside manner, and an appreciation for all hospital staff as they work alongside nurses caring for patients. 2010

Greenville Hospital System- Pediatric Outpatient Clinic

- Vo2 max testing, creating exercise prescriptions , participated in counseling for families, organized events (July 2012-October 2012)

Medical Missions

Soddo Christian Hospital in Ethiopia

- Served in trauma, radiology, orthopedic surgery, OB/GYN, and general surgery (August 25th 2012 –September 8th 2012)

Membership in Professional/Scientific Societies

- American College of Emergency Physicians (ACEP) Current
- Wilderness Medicine Society Current
- American Medical Association (AMA) 2013-2017
- American College of Sports Medicine (ACSM) 2011-2012

Collegiate Sports

- Collegiate football, Furman University (2008-2009)
- Club rugby, Furman University (2009-2010)

Certifications

- Terrorism, Preparedness, and Public Health Certification – University at Albany, School of Public Health (2015)
- Difficult Airway Course Shock Trauma University of Maryland Medical center Baltimore, Maryland Dec 2018
- Advanced Trauma Life Support (ATLS) -Current
- Pediatric Advanced Life Support (PALS)-Current
- Advanced Cardiac Life Support (ACLS)-Current
- Neonatal Resuscitation Program (NRP)-Current
- Board Certification Emergency Medicine-Current