



Maria C. O'Rourke, MD FACEP

Emergency Medicine Physician
Point of Care Ultrasound Educator

CONTACT

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HIGHLIGHTS

- Fellow of the American College of Emergency Physicians.
- United States Army Veteran-Major- Iraq War
- Advanced Emergency Ultrasound Fellowship Trained
- POCUS Education Consultant to leading MedTech companies.
- Founder of Emergency Medicine & Critical Care Institute, a leader in POCUS education.
- Seasoned and Experienced Regional Ultrasound Director

PERSONAL

- Fluent in Spanish
- Marathon Runner
- Love to Garden, Cook, & Read
- Proud Mother of 3 boys, love to spend time with Family!

ABOUT

Dedicated Emergency Medicine Physician with a demonstrated commitment to elevating patient care standards through strategic leadership and oversight of ultrasound programs. Leveraging extensive experience as an Ultrasound Director, adept at designing and implementing comprehensive educational curricula while ensuring seamless integration of ultrasound technologies system wide. I am passionate about fostering a culture of continuous learning and innovation to enhance clinical outcomes and drive excellence in emergency medical care.

CERTIFICATIONS

July 2002–Present

- Advanced Cardiovascular Life Support (ACLS)
- Basic Life Support (BLS)
- Advanced Trauma Life Support (ATLS)
- Pediatric Advanced Life Support (PALS)

CURRENT APPOINTMENTS

Attending Emergency Medicine Physician- Per Diem
Sierra View Medical Center – Porterville, CA
(June 2017–Present)

Founder & Chief Medical Officer
Emergency Medicine & Critical Care Institute, LLC.
(December 2016 – Present)

- Leader in POCUS Education, hosting in-person/hands-on POCUS workshops in all areas of POCUS, specializing in Trans-esophageal US for Acute Care Providers.
- Emcc-ultrasound.com

PREVIOUS EXPERIENCE

Interim Medical Director

Olympic Medical Center- Port Angeles, CA

(June 2022– November 2022)

- Locums' temporary role during Emergency Medicine Physician Group transition.

Attending Emergency Medicine Physician

San Jose Regional Medical Center – San Jose, CA

(October 2019–December 2020)

Ultrasound Director- Clinical Emergency Medicine

Graduate Medical Education

Attending Staff

St. Joseph Medical Center – Stockton, CA

(June 2017–October 2017)

- Created EMED Ultrasound Program and implemented Quality Assurance practices.

Emergency Medicine Director

Emergency Ultrasound Director

Graduate Medical Education Director

Attending Staff

Kaweah Delta Health District- Visali, CA

(April 2013- June 2017)

- Created EMED Ultrasound Program and implemented Quality Assurance practices.

Emergency Medicine Physician

Veterans Hospital of Puget Sound- Seattle, WA

(June 2012- April 2013)

- Opened the Newest and Largest Veteran Affairs Emergency Medicine Center.

Regional Emergency Medicine Director, Emergency Medicine Ultrasound Director

St. Anthony Hospital- Federal Way, WA

(July 2009- June 2012)

- Level IV Trauma Center
- Managed EMED Ultrasound Program for all FHS Hospitals.
- Provided guidance, instruction, and hands-on training to the practicing EMED staff.
- Created and oversaw a Virtual POCUS teaching program.
- Implemented Quality Assurance Practices.
- Updated and published FHS EMED Ultrasound practice guidelines.
- Negotiated Price point and Maintenance of new Point of Care Ultrasound systems.

PREVIOUS EXPERIENCE

Emergency Medicine Residency and Ultrasound Fellowship – Faculty Staff

The Mount Sinai, Elmhurst Hospital- New York, NY

July 2008- June 2009

- Emergency Medicine Staff
- Completed EMED Ultrasound Fellowship
- Provided guidance, instruction, and hands-on training to the practicing EMED staff on Clinical Ultrasound.
- Maintained Quality Assurance Practices for all residents and staff for credentialing.
- Conducted bi-monthly Ultrasound Course for Residents, Academic Centers, and Private Emergency Medicine Groups.

Emergency Medicine Residency, Clinical Core Faculty, and Department of Emergency Medicine Quality P&I Director Madigan Army Medical Center (MAMC)- Joint Base Lewis-McChord, WA

June 2002- February 2008

- Level II trauma center
- Bedside teaching, simulation training, ultrasound mentoring, and clinical research assistance.
- Ultrasound credentialed: Bedside Ultrasound- abdomen and pelvic certification.
- Member of MAMC Laboratory and Radiology Utilization Committee.
- Review of resident monthly Morbidity and Mortality.
- Developed, published, and disseminated the first MAMC Department of Emergency Medicine Quality Assurance Newsletter, to promote teamwork, improve resident education, and increase patient safety.

Staff Emergency Medicine

47th Combat Support Hospital, Kuwait

2003

- Deployed in support of Operation Iraqi Freedom.
- Assigned to the first Level III 296-bed Combat Support Hospital.
- My assigned theater was the primary support for 350,000 soldiers.
- Responsible for providing single coverage emergent trauma, medical resuscitations, and direct mass casualties in an eight-bed emergency treatment Section.
- We treated U.S. Soldiers, Enemy Prisoners of War, and Civilian non-combatants.
- Daily use of trauma Ultrasound helped expedite patients to definitive operative or medically managed care.

ADMINISTRATIVE/EDUCATIONAL APPOINTMENTS

Co-Chair

*ACEP Ultrasound Community Medicine Subcommittee
(2021-2023)*

Ultrasound Consultant

*Fujifilm Sonosite - Bothell, WA
(2020-present)*

Chair

*Academic Women Emergency Medicine (AWAEM)
(2018- 2020)*

Education and Content Collaborator

*Intelligent Ultrasound - Alpharetta, GA
(2017-present)*

Article Reviewer

*West Journal of Emergency Medicine (JEM)
(2015-2019)*

Founder & Chief Medical Officer

*Emergency Medicine & Critical Care Institute, LLC. - Gig Harbor, WA
(December 2016 – Present)*

Co-Chair

*Critical Care Committee/Newsletter
CEP America
(2014-2016)*

Director, Quality Assurance

*Madigan Army Medical Center (MAMC)- Joint Base Lewis- McChord, WA
(June 2002- February 2008)*

FACULTY APPOINTMENTS

Assistant Professor

*Touro Osteopathic School of Medicine- Vallejo, CA
(June 2017- June 2020).*

Clinical Assistant Professor of Medicine

*The Mount Sinai, Elmhurst Hospital- New York, NY
(July 2008- June 2009)*

Clinical Assistant Professor of Medicine

*University of Washington – Seattle, WA
(June 2002- February 2008)*

EDUCATION

Board Certification:

- American Board of Emergency Medicine

Licensure:

- State of Washington Medical License (2004-present)
- State of California Medical License (2013-present)
- State of Texas Medical License (2023- present)
- State of Arizona Medical License (2024 to present)
- State Of Oregon (Pending)
- State of New York (1999-2004), inactive

Post Graduate Training:

The Mount Sinai, Elmhurst Hospital- New York, NY

- Emergency Medicine Residency (1999-2002)
- O Chief Resident (2001-2002)
- Emergency Ultrasound Fellowship (2008 – 2009)
- Jersey Shore Medical Center
- Internal Medicine Internship (1998-1999)

Graduate Education

Tufts University School of Medicine- Boston, Massachusetts

- Medical Degree (1994-1998)

Undergraduate Education

Dowling College- Oakdale, NY

- Bachelor of Arts – Natural Sciences & Mathematics (1991)

Hofstra University/ Reserved Officer Training Corps (1990-1992)

Commission:

United States Army

- US Army Basic Training (1989)
- Operating Room Specialist Advanced Individual Training (1989)
- Hofstra University ROTC (1990-1992)
- U.S. Army Chemical Corp Officers Basic Course (1993)
- U.S. Army Decontamination Platoon Leader, 1st Cavalry Division. Fort Hood, Texas, United States Army
- Responsible for the mission accomplishment, combat readiness, and individual welfare of a 40-person platoon.
- Providing battlefield nuclear, chemical, and biological decontamination for a 1,500-person combat brigade in the 1st Cavalry Division. (1993-1994)
- Captain, United States Army Reserves, Medical Corps (1998)
- Second Lieutenant, United States Army, Chemical Corps (1992)

AWARDS AND ACHIEVEMENTS

- Meritorious Unit Citation
- Iraqi Campaign Medal
- Global War on Terrorism Service Medal
- Army Superior Unit Award
- Army Commendation Medal (2OLC)
- Army Achievement Medal (2 OLC)
- National Defense Service Medal (1 BS)
- Army Service Ribbon

NATIONAL PRESENTATIONS

- Feb 2024 - Cardiac Ultrasound Workshop - Gig Harbor, WA
- Dec 2023 - Ultrasound Guided PIV Insertion Workshop - Oregon Endoscopy Center
- Sept 2023 - Society of Clinical Ultrasound Fellows (SCUF) - Portland, Maine
- Aug 2023 – POCUS Workshop for the Acute Care Provider – Gig Harbor, WA
- June 2023 – POCUS Workshop for the Acute Care Provider – Gig Harbor, WA
- March 2023- Pre-AIUM-TEE Workshop - Orlando, FL
- Dec 2021- TEE Course - Orange Park EM Residency Program - Orange Park, FL
- Jan 2021 -TEE Course -Scripps EM Residency Program–La Jolla, CA
- Jan 2020 -TEE in Cardiac Arrest Workshop - UC Davis, CA
- Jan 2019 -TEE in Cardiac Arrest Patients Workshop -St Joseph Medical Center -Stockton, CA
- Nov 2019 -TEE in Cardiac Arrest Symposium - Pismo Beach CA
- May 2019 -TEE in Cardiac Arrest Highland Hospital, Oakland, CA
- Oct 2018 -TEE in Cardiac Arrest - Touro Osteopathic School of Medicine – Vallejo, CA
- Jan 2018 -TEE in Cardiac Arrest Patients -St Joseph Medical Center-Stockton, CA
- Dec 2017 - Introduction to 4 TEE views in the ED & Lung Ultrasound, KDHCDC
- May 2017 - TEE in Cardiac Arrest Patients in the ED, St. Joseph Medical Center, Stockton, CA
- May 2017 - Cardiac Ultrasound Course – KDHCDC
- April 2017 - CEP Symposium, IVC Ultrasound -CA
- April 2017 - CEP Symposium, IVC Ultrasound, CA
- Dec 2016 - Introduction to 4 TEE views in the ED, Lung Ultrasound – KDHCDC - Visalia, CA
- Sept 2016 - CEP Symposium, Critical Care US -CA
- June 2016 - TEE in Cardiac Arrest Workshop - Visalia CA
- April 2016 - CEP Symposium Femoral Nerve Block, CA
- April 2016 - CEP Symposium, Upper Extremity Nerve Block – CA
- April 2010 -Extended TEE views, Poster Presentation- AIUM - Orlando, FL
- April 2009 - AIUM Conference: New York City, N.Y.
- July 2008 - Ultrasound Basic Course, Emergency Medicine Residency Program - Mount Sinai School of Medicine
- April 2006 - Grand Rounds, Update: Emergency Medicine at War, Mount Sinai Emergency Residency Program - Mount Sinai School of Medicine
- March 2005 - Grand Rounds, A View from a Tent: Emergency Medicine on the Battlefield - Yale University Emergency Medicine Program
- Yearly Presentation since 2003 - Neurological Emergency Board Review for In-training exam
- 2003 - Grand Rounds, MAMC, Quality Assurance and Risk Management in the ED – MAMC

PROFFESIONAL PUBLICATIONS

- Young SE, Levsky M, O'Rourke MC. Images in Emergency Medicine: Carpometacarpal Dislocation, *Annals of Emergency Medicine*. July 2005 46 (1) 13,21
- O'Rourke M. Clinical Pearls and Visual Diagnosis Photography, Society of Academic Medicine Annual Meeting, New York City, May 2005
- O'Rourke, Richardson LD, O'Nofrio G. Alcohol-Related Problems: Emergency Physicians' Current Practice and Attitudes. *Journal of Emergency Medicine*. April 2006, 30(3) 263-8
- Willets I, Nassisi D, O'Rourke M. How patients and visitors to an urban emergency department view clinical research. *Academic Emergency Medicine*. OCT-2003; 10(10):1081-5.
- Kwon E, O'Rourke MC. Sinusitis, Chronic. [Updated 2017 Jun 12]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing
- Feroze KB, O'Rourke MC. Transient Loss Of Vision. [Updated 2017 Mar 20]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing
- Mendenhall BR, O'Rourke MC. Central Venous Access, Internal. 2017 Jun 12]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing
- Aponte EM, O'Rourke MC. Thoracentesis. [Updated 2017 Jun 15]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing
- Aponte EM, O'Rourke MC. Paracentesis. [Updated 2017 May 25]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing
- O'Rourke MC, Mendenhall BR. Transesophageal Echocardiogram (TEE) [Updated 2017 Jun 12]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing

PROFFESIONAL REFERENCES

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