**CURRICULUM VITAE**

**Marianne Wallis, MD**

Assistant Professor

Department of Emergency Medicine

Department of Anesthesia, Critical Care

University of Colorado School of Medicine

**Academic interests:** Resuscitation, medical education, ARDS, obstetric emergencies, ECMO

**Education**

2006-2010 B.S. in Biochemistry and Environmental Science with a minor in Biology, *Cum Laude*

 Santa Clara University

 Santa Clara, California

2011-2015 Doctor of Medicine

 Loyola University Chicago Stritch School of Medicine

 Maywood, Illinois

**Postgraduate Education and Training**

2015-2018 Intern and Resident in Emergency Medicine

Georgetown University Hospital/MedStar Washington Hospital Center

 Washington, DC

2018-2020 Fellow, Critical Care Medicine

 University of Maryland Medical Center

 Baltimore, MD

**Certifications**

2019 Board Certified: Emergency Medicine

 American Board of Emergency Medicine (ABEM)

2020 Board Eligible: Critical Care Medicine

 American Board of Internal Medicine (ABIM)

**Medical Licensures**

Active Maryland

**Employment History**

2019-2020 Integrity Locums – Baltimore, MD

Emergency medicine attending physician in a community emergency department in

Baltimore city.

2019-2020 University of Maryland Medical Center Tele ICU – Baltimore MD

 Providing consults in a tele-medicine setting for critically ill patients overnight for
 several regional hospitals within the University of Maryland Medical System.

2010-2011 Live Leaf Bioscience – San Carlos, CA

Assisted Chief Scientist with technical writing and literature research in the fields of medicine and biochemistry

Helped to design and statistically analyze clinical trials on both humans and animals

2009-2010 Emergency Medicine Scribe Services – Milbrae, CA

Assisted the ER physician by observing and documenting each patient encounter including examinations, laboratory and diagnostic studies, discharge instructions and final ED diagnosis

**Professional Society Memberships**

**Society of Critical Care Medicine** – Resident/Fellow member 2017 – present

**American College of Emergency Physicians –** Resident member 2015 – 2018

**Emergency Medicine Resident Association** – Resident member 2015 – 2018

**Honors and Awards**

2006 Merit Scholarship Recipient, Santa Clara University

2008 Kuehler Research Grant, Santa Clara University

2012 Medical Student Training in Aging Research Grant Recipient, Loyola University Chicago Stritch School of Medicine

2013 Vice President, Medical Student Union, Loyola University Chicago Stritch School of Medicine

2018 Excellence in Scholarship, Georgetown University Hospital/Medstar Washington Hospital Center

2018 **Silver Snap Shot award: Investigation of Effectiveness of a Sepsis Alert Team on Time to Antibiotics,Society of Critical Care Medicine**

2019 Chief Fellow, Critical Care Medicine, University of Maryland Medical Center

**Publications**

***Peer Reviewed Journal Articles***

1. **Marianne Wallis,** Talha Ahmed. “Mitral valve replacement under venoarterial extracorporeal membrane oxygenation support for severe *Streptococcus mitis* endocarditis.” *Cureus.* April 2020. doi: 10.7759/cureus7556.
2. **Marianne Wallis,** Jonathan Chow, Michael Winters, Michael McCurdy. “Angiotensin II for the emergency physician.” *Emergency Medicine Journal.* February 2020. doi: 10.1136/emermed-2019-209062.
3. **Marianne Wallis**, Matthew D. Wilson, Mihriye Mete, Lydia Koroshetz, Rui Soares, Munish Goyal. “Bedside end tidal carbon dioxide in evaluation for pulmonary embolism.” *Academic Emergency Medicine.* August 2018. doi: 10.1111/acem.13546.
4. Emilee L. Sena, Justin H. Peel, Devin Wesenbera, Shreya Nathan, **Marianne Wallis** et al. "Transport and spectroscopic studies of the effects of fullerene structure on the efficiency and lifetime of polythiophene-based solar cells." *Solar Energy Materials and Solar Cells* 100 (2012): 192-198.
5. Brian H. Johnson, Enaanake Allagoaa, Robert L. Thomasa, Gregory Stettler, **Marianne Wallis** et al. "Influence of functionalized fullerene structure on polymer photovoltaic degradation." *Solar Energy Materials and Solar Cells*94.3 (2010): 537-541.

Pending Revisions:

Outcomes in patients with pneumonia cannulated for veno-venous extracorporeal membrane oxygenation (original research)

***Editorial/Non-Peer Reviewed:***

1. Concise Critical Appraisal: Mentorship in Academic Medicine – *SCCM Critical Connections Blog,* July 1, 2019
2. Discrepancies Between Urban and Rural Emergency Health Care – *AAEM Modern Resident Newsletter*, February/March 2014

***Book Chapters***

1. Jessica Palmer, **Marianne Wallis**, Joelle Borhart. Cardiac arrest in the pregnant patient. In: Emergency Department Management of Obstetric Complications 1st edition. In press, May 2017

***Abstracts***

1. **Marianne Wallis**, Jay Menaker, Katherine Kelley, Michael Mazzeffi, Kristopher Deatrick, David Kaczorowski, Ronson Madathil, Ronald Rabinowitz, Thomas Scalea, Samuel Galvagno. Infectious etiologies of respiratory failure and survival outcomes in VV-ECMO. Poster presented at: 30th Annual Extracorporeal Life Support Organization (ELSO) Conference, September 13, 2019.
2. Katherine Kelley, Samuel Galvagno, **Marianne Wallis,** Michael Mazzeffi, Kristopher Deatrick, David Kaczorowski, Ronson Madathil, Ronald Tessoriero, James O’Connor, Thomas Scalea, Jay Menaker. Tracheostomy in patients on venovenous extracorporeal membrane oxygenation: Is it safe? Poster presented at: 30th Annual Extracorporeal Life Support Organization (ELSO) Conference, September 13, 2019.
3. **Marianne Wallis**, Matthew Wilson, Lydia Koroshetz, Rui Soares, Munish Goyal. Bedside End Tidal Carbon Dioxide in Evaluation for Pulmonary Embolism. Poster presented at: Society for Academic Emergency Medicine, May 16, 2018.
4. **Marianne Wallis**, Matthew Wilson, Lydia Koroshetz, Rui Soares, Munish Goyal. Bedside End Tidal Carbon Dioxide in Evaluation for Pulmonary Embolism. Poster presented at: MedStar Health Research Symposium, April 20, 2018 – *Winner of 3rd place in the PGY 1-3 abstract category.*
5. **Marianne Wallis**, Joseph Izzo, Elaine Bromberek, Nicole Noga, Autumn Graham, Munish Goyal. **Investigation of Effectiveness of a Sepsis Alert Team on Time to Antibiotics. Poster presented at: Society of Critical Care Medicine Annual Congress, February 27, 2018, San Antonio Texas – *Winner of the Silver Snap Shot award.***
6. Rucha Gadgil, Matthew Schriber, **Marianne Wallis**, Munish Goyal. Epidemiology and associated competency in airway education in critical care fellows. Poster presented at: Society of Critical Care Medicine Annual Congress, by Rucha Gadgil, January 22, 2017, Honolulu, HI.
7. **Marianne Wallis**, Areti Tillou, Asmik Tantoushian, Marilyn Cohen. Hospital readmissions of elderly acute care surgery patients. Poster presented at: American Geriatrics Society Annual Meeting, May 4, 2013, Houston, TX.
8. **Marianne Wallis**, Areti Tillou. Hospital readmissions of elderly acute care surgery patients. Poster presented at: St.Albert’s Research Symposium, October 25, 2012, Loyola University Chicago, Maywood, IL.
9. **Marianne Wallis**. Biological and cultural analysis of pesticide use in Primavera, Limon, Costa Rica. Poster presented at: Santa Clara University Undergraduate Science and Engineering Symposium, May 14, 2010, Santa Clara, CA.

***Major Invited Speeches***

*National*

1. “Coding the Pregnant Patient: Special Considerations When Two Lives Are Stake.” American College of Emergency Physicians, Critical Care Section Meeting, October 17, 2016