

**Lars-Kristofer N. Peterson, MD FACEP FAAEM HEC-C**  
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- Current Academic Position** Clinical Associate Professor of Emergency Medicine  
Department of Emergency Medicine  
Jacobs School of Medicine and Biomedical Sciences  
University at Buffalo  
August 2024 - Present
- Current Clinical Position** Attending Physician  
UBMD Emergency Medicine  
Buffalo General Medical Center – Buffalo, NY  
August 2024 - Present
- Emergency Department, Buffalo General Medical Center
  - Critical Care Medicine, Buffalo General Medical Center
- Past Academic Positions** Assistant Professor of Medicine  
Assistant Professor of Emergency Medicine  
Division of Critical Care Medicine  
Department of Medicine  
Department of Emergency Medicine  
Cooper Medical School of Rowan University  
January 2017 – July 2024  
Reason for Leaving – Spouse job opportunities in Buffalo, NY
- Assistant Professor of Medicine  
Assistant Professor of Emergency Medicine  
Division of Pulmonary & Critical Care Medicine  
Department of Medicine  
Department of Emergency Medicine  
University of Rochester School of Medicine & Dentistry  
July 2015 – June 2016  
Reason for Leaving – Spouse’s clinical training in Philadelphia, PA
- Past Clinical Positions** Attending Physician  
Cooper University Hospital – Camden, NJ  
July 2016 – July 2024
- Critical Care Medicine Service (Multidisciplinary)
  - Neuroscience Intensive Care Unit
  - Tele-ICU, Cape Regional Medical Center
  - Emergency Department
- Attending Physician, Strong Memorial Hospital  
University of Rochester Medical Center – Rochester, NY  
July 2015 – June 2016
- Medical Intensive Care Unit
  - Surgical Intensive Care Unit
  - Emergency Department
- Attending Physician, Highland Hospital  
UR Medicine – Rochester, NY  
July 2015 – June 2016
- Intensive Care Unit

Attending Physician, Auburn Community Hospital  
UR Medicine Contract – Auburn NY  
December 2015 – June 2016

- Intensive Care Unit

**Post-Graduate Training**

Internal Medicine – Critical Care Medicine Fellowship  
Division of Pulmonary and Critical Care Medicine  
Department of Medicine  
University of Rochester Medical Center  
Rochester, New York  
July 2013 – June 2015

Chief Resident, Emergency Medicine  
Department of Emergency Medicine  
University of Rochester Medical Center  
Rochester, New York  
July 2012 – June 2013

Emergency Medicine Resident  
Department of Emergency Medicine  
University of Rochester Medical Center  
Rochester, New York  
June 2010 – June 2013

**Education**

Doctor of Medicine  
University of Rochester School of Medicine and Dentistry  
Rochester, New York  
August 2005 – May 2010

Bachelor of Science with Honors  
*Summa Cum Laude*  
Molecular and Cellular Biology  
University of Arizona  
Tucson, Arizona  
August 2001 – May 2005

**Board & Specialty  
Certifications**

American Board of Emergency Medicine – Emergency Medicine  
Certificate Number: 55800 Expiration Date: 12/31/2024

American Board of Emergency Medicine – Internal Medicine Critical Care Medicine  
(ABEM-ABIM Joint Sponsored) Certificate Number: 55800  
Expiration Date: 12/31/2025

American Board of Emergency Medicine – Neurocritical Care Medicine  
Certificate Number: 55800 Expiration Date: 12/31/2026

United Council for Neurological Subspecialties – Neurocritical Care  
Certificate Number: NCC5598 Issued: December 2019 (continuous certification)

American Society for Bioethics & Humanities – Healthcare Ethics Consultant  
Certificate Number: 00103897 Expiration Date: 6/30/2027

**Medical Licensure**

State of New York, License: 271039, Expiration Date: 11/30/2026  
State of New Jersey, License: 25MA09905100, Expiration Date: 6/30/2025

## Other Certifications

- Pediatric Advanced Life Support (PALS) – Current
- Advanced Cardiac Life Support (ACLS) – Current
- Basic Life Support (BLS) - Current

## Honors and Awards

- Sergio L. Zanotti-Cavazzoni Faculty of the Year Award – Fellow’s Choice 2024 – Cooper University Healthcare Critical Care Medicine Fellowship - 2024
- Critical Care Teaching Faculty of the Year – Cooper University Healthcare Internal Medicine Residency - 2023
- Critical Care Physician/APP of the Quarter – Cooper University Healthcare – Quarter 1 – 2023
- Presidential Citation – Society of Critical Care Medicine – 2022
- Finalist, Physician of the Quarter – Cooper University Healthcare – Quarter 2 2021, Quarter 4 2021
- Presidential Citation – Society of Critical Care Medicine - 2021
- Fellow, American Academy of Emergency Physicians – 2019
- Fellow, American College of Emergency Physicians – 2018
- Dr. Sandra Schneider Award for Leadership in Emergency Medicine, University of Rochester – 2013
- Phi Kappa Phi, University of Arizona – 2005
- Phi Beta Kappa, University of Arizona – 2003
- Flinn Scholar, Flinn Foundation – 2001

## Administrative Activities

- Cooper University Hospital Medication Safety Committee – Member 2017 – 2024; Co-chair 2017 – 2024
- Cooper University Hospital Code Blue/RRT Committee – Member 2017 – 2024; Chair 2019 - 2024
- Cooper University Hospital Ethics Committee – Member, 2018 – 2024; Vice-Chair, 2020 – 2024
- Cooper University Hospital Patient Safety Committee – Member 2017 – 2024
- Cooper University Hospital Physician Engagement Committee 2017 – 2021
- Cooper University Hospital Critical Care Morbidity and Mortality Review Committee – 2017 – 2024; Chair 2021 – 2024
- University of Rochester Medical Center Critical Care Transport Team Committee – 2014 – 2016
- University of Rochester Medical Center Resuscitation Council 2013 – 2016
- University of Rochester Medical Center Critical Care Quality Council, 2013 – 2016
- University of Rochester Emergency Medicine Residency Curriculum Committee Member 2010 – 2013
- Emergency Medicine Resident Association Technology Committee Chair 2011 – 2012
- Emergency Medicine Resident Association Technology Committee Member 2008 – 2012

## Publications

Acquisto NM, Mosier JM, Bittner EA, Patanwala AE, Hirsch KG, Hargwood P, Oropello JM, Bodkin RP, Kaucher KA, Slampack-Cindric AA, Manno EM, **Peterson LN**, Fulmer J, Galton C, Black TP, Chase K, Gunnerson KJ, Boling B, Murray MJ. Society of Critical Care Medicine Clinical Practice Guidelines for Rapid Sequence Intubation in the Critically Ill Adult Patient. *Crit. Care Med.* 2023;51:1411–1430.

Chandel A, Puri N, Damuth E, Potestio C, **Peterson LN**, Ledane J, Rackley CR, King CS, Conrad SA, Green A. Extracorporeal Membrane Oxygenation for COVID-19: Comparison of Outcomes to Non-COVID-19–Related Viral Acute Respiratory Distress

Syndrome From the Extracorporeal Life Support Organization Registry. *Crit Care Explor.* 2023;5(2):e0861.

Ehrman-Dupre R, Kaigh C, Salzman M, Haroz R, **Peterson LK**, Schmidt R. Management of Xylazine Withdrawal in a Hospitalized Patient: A Case Report. *J Addict Med.* 2022;16(5):595-598

Ben-Jacob TK, **Peterson LN**. Drastic changes in the practice of end-of-life care during the COVID-19 pandemic. *J. Crit Care.* 2022;67:195-197

**Peterson LN**, Green A. Assessing Accuracy and Equity in Crisis Standards of Care. *Critical Care Med.* 2021;49(10):1828-1831

Ingeri LA, Green D, Dunwoody N, **Peterson LN**, Bartock JL, Puri N. Eravacycline pharmacokinetics in a critically ill patient receiving venovenous extracorporeal membrane oxygenation and continuous venovenous haemodialysis. *Journal of Antimicrobial Chemotherapy.* 2021;76(10):2738-2739.

Wydo SM, **Peterson LN**. Cardiopulmonary Resuscitation in Coronavirus Disease 2019: Rebalancing Risk, Reward, and Autonomy\*. *Crit Care Med.* 2021;49(2):347-351.

**Peterson LN**, Gattinoni L. Response to Proning in Moderate to Severe Acute Respiratory Distress Syndrome: A New Talking Point in an Ongoing Conversation\*. *Crit Care Med.* 2020;48(12): 1889-1891

Manoach S, **Peterson LN**. Redundant Safety and Videolaryngoscopy\*. *Crit Care Med.* 2019;47(10):1462-1464.

**Peterson LN**. Diagnosis and Management of Pulmonary Embolism in Pregnancy. In: LaRosa J, ed. *Adult Critical Care Medicine: A Clinical Casebook*. New York, NY: Springer; 2018: Chapter 17.

**Peterson LN**. Alarms, Noise, and Delirium in the ICU. In: Kaufman D, ed. *Current Concepts of Critical Care 2018 Edition*. Mount Prospect, IL: Society of Critical Care Medicine; 2018: Chapter 2.

**Peterson LN**, Chase K. "Pitfalls in the treatment of sepsis." *Emergency Medicine Clinics of North America.* 2017;35(1): 185-198

**Peterson LN**, Apostolakos M. "Pulmonary Embolism in Pregnancy, Part II: Diagnosis, Treatment, and Prevention, Case #1174." *The periFACTS OB/GYN Academy*, 2015.

**Peterson LN**, Apostolakos M. "Pulmonary Embolism in Pregnancy, Part I: Epidemiology, Risk Factors, and Pathophysiology, Case #1172." *The periFACTS OB/GYN Academy*, 2015.

Shah, MN, Swanson PA, Nobay F, **Peterson LN**, Caprio TV, Karuza J. "A novel internet based geriatric education program for emergency medical services providers." *Journal of the American Geriatrics Society.* 2012; 60(9): 1749 – 1754.

Sabbagh MN, Adler CH, Lahti TJ, Connor DJ, Vedders I, **Peterson LK**, Caviness JN, Shill HA, Sue LI, Ziabreva I, Perry E, Ballard CG, Aarsland D, Walker DG, Beach TG. "Parkinson Disease With Dementia: Comparing Patients With and Without Alzheimer Pathology." *Alzheimer Disease & Associated Disorders.* 2009;23(3):295-297.

**Peterson LN**, Fairbanks RJ, Hettinger AZ, Shah MN. “Emergency Medical Service Attitudes Towards Geriatric Prehospital Care and Continuing Medical Education in Geriatrics.” *Journal of the American Geriatrics Society*. 2009;57:530-535.

Sabbagh MN, Shah F, Reid RT, Sue L, Connor DJ, **Peterson LN**, Beach TG. “Pathologic and nicotinic receptor binding differences between mild cognitive impairment, Alzheimer disease, and normal aging.” *Arch. Neurol.* 2006;63(12):1771-1776.

#### Posters/Abstracts

**Peterson LN**, Kaufman D. Diagnosis of partial anomalous pulmonary venous return following central line placement. Abstract in *Critical Care Medicine* 2014;42(12, Suppl.):A1644. Poster session presented at the Society of Critical Care Medicine Congress; 2015 January; Phoenix, AZ.

**Peterson LN**, Wiegand T. Dexmedetomidine as effective adjunctive agent in the treatment of patient with severe alcohol and benzodiazepine withdrawal. Poster session presented at the North American Congress of Clinical Toxicology; 2011 September; Washington, DC.

**Peterson LN**, Shah MN, Fairbanks RJ. Perspectives on continuing education in geriatric care for EMS providers. Poster session presented at the National Association of EMS Physicians; 2008 January; Phoenix, AZ

#### Lectures and Presentations

- Society of Critical Care Medicine Congress 2020 – “Non-Invasive Ventilation – Who, When, and How” – February 14, 2020; Orlando, FL
- Grand Rounds – Tower Health Dept. of Emergency Medicine – “Emergency Department Post Intubation Care” – September 26, 2019; Reading, PA
- Invited Lecture – University of Rochester Emergency Medicine – “The EM Approach to Sub-massive Pulmonary Embolism.” March 22, 2018
- Cooper Critical Care Conference (C4, Regional Philadelphia area conference) – “The ICU is too DAMN loud.” March 20, 2018
- Society of Critical Care Medicine Congress 2018 – “Alarms, noise, and delirium in the ICU.” – February 24, 2018; San Antonio, TX
- Resus/EM Conference (Regional Philadelphia area conference) – “You’ve Just Intubated a Patient – Now What” - August 17, 2017
- Invited Lecture - University of Rochester Emergency Medicine – “What you do matters – Teeing up the ED Ventilated Patient for Success” – May 25, 2017
- Invited Lecture – University of Rochester Maternal-Fetal Medicine Fellowship “VTE in Pregnancy” – 2016
- Invited Lecture – University of Cincinnati Div. of Pulmonary & Critical Care Medicine: “VTE in Pregnancy” – 2016
- University of Rochester EM-CCM Curriculum Lecture: “DART – ACEP’s Sepsis Resuscitation Approach” – 2015
- University of Rochester EM-CCM Curriculum Lecture: “Waiting To Exhale – Rescuing the Obstructive Lung Disease Patient” – 2015
- University of Rochester EM-CCM Curriculum Lecture: “Are we there yet? Quantitative EM Resuscitation” – 2015
- Invited University of Rochester Emergency Medicine Residency Conference: “Acid-Base Disorders Fast” - 2015
- Invited University of Rochester Internal Medicine Residency Conference: “Is there a doctor on the plane? Emergencies at Cruising Altitude” – 2013
- Invited Charles Drew Premedical Society Speaker, University of Rochester: “Emergency Medicine: a contact sport for nerds” – 2011
- Invited Presentation to the American Association of Medical Colleges Student Programming Showcase: “The Emergency Medicine Procedure Experience” – 2007

**Other Teaching Experience**

- Resuscitation Leadership Academy Faculty – Online discussion with students (Physicians, APPs) enrolled in the Resuscitation Leadership Academy
- Designed a novel emergency medicine & critical care didactic and experiential curriculum for the University of Rochester Dept. of Emergency Medicine Residency

**Professional Society Memberships**

Neurocritical Care Society  
Society of Critical Care Medicine  
American College of Emergency Physicians  
American Academy of Emergency Medicine  
Emergency Medicine Resident Association  
American Society for Bioethics and Humanities

**References**

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