

Brent G. Klapthor, MD, MS

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PROFESSIONAL SUMMARY

Board-certified Emergency Medicine physician and EMS subspecialist with fellowship training and clinical experience spanning academic Level 1 trauma centers, community emergency departments, and rural Level 3 facilities. Dual ABEM certification in Emergency Medicine (2024) and EMS Subspecialty (2025) supports authoritative review of both emergency department and prehospital standard of care. Active peer reviewer for *Annals of Emergency Medicine* with formal training in critical appraisal of clinical evidence and research methodology. Seeking to apply this clinical breadth and analytical foundation to medical malpractice consultation and expert witness work in emergency medicine and EMS.

BOARD CERTIFICATION & LICENSURE

ABEM Board Certified – Emergency Medicine 2024

ABEM Emergency Medical Services (EMS) Subspecialty Board Certified 2025

Licensure & Certifications

- California Medical License – Active
- Arizona Medical License – Active
- Active DEA Licenses – Arizona, California
- Active Certifications: ATLS, ACLS/BLS, PALS

MEDICOLEGAL & QUALITY REVIEW EXPERIENCE

Annals of Emergency Medicine 2025 – Present

Ad Hoc Peer Reviewer

- Conduct evidence-based critical appraisal of submitted manuscripts across emergency medicine clinical topics including cardiovascular emergencies, resuscitation, and prehospital care
- Evaluate study methodology, statistical analysis, and alignment with current evidence-based guidelines to support editorial decision-making

EMS Quality Assurance & Medical Oversight 2023 – 2024

University of Utah EMS Fellowship – Salt Lake City, UT

- Performed systematic chart review and protocol compliance auditing of prehospital care cases across multiple EMS agencies in the Salt Lake Valley
- Participated in EMS quality improvement processes including case-based review, performance metric analysis, and documentation evaluation
- Trained in prehospital medical oversight, providing direct accountability for care standards delivered by EMS personnel

POST-GRADUATE TRAINING

University of Utah – EMS Fellowship August 2023 – July 2024

- Covered clinical shifts in both an academic emergency department and moonlighting shifts in rural Wyoming
- Prepared for a future role as an EMS medical director through field response, paramedic education, quality review, and weekly EMS didactics
- Completed coursework towards Wilderness Medical Society Diploma in Mountain Medicine (DiMM)
- Focus areas: air medical & critical care transport, prehospital E-CPR protocols, cardiac arrest care improvement, prehospital agitation management, and EMS/wilderness medicine interface

Kaiser Permanente San Diego – Emergency Medicine Residency June 2020 – June 2023

- Community EM residency program rotating through Kaiser and non-Kaiser hospitals of San Diego

CLINICAL PROFESSIONAL EXPERIENCE

Kaiser Permanente – San Diego, CA *August 2024 – Present*

Per Diem Clinical Staff, Emergency Department

- Per diem attending across 3 Kaiser community emergency departments

Onvida Health Yuma Medical Center – Yuma, AZ *August 2024 – Present*

Per Diem Clinical Staff, Emergency Department

- Rural Level 3 Trauma Center; practice encompasses full breadth of emergency and trauma presentations with limited specialist backup

Providence St. Joseph Hospital – Eureka, CA *January 2026 – Present*

Locums Clinical Staff, Emergency Department

- Rural Level 3 Trauma Center; additional rural and resource-limited clinical context

University of Utah – Salt Lake City, UT *August 2023 – July 2024*

Adjunct Faculty, Emergency Department

- Level 1 Trauma and Quaternary Academic Hospital; supervised residents and fellows

Memorial Hospital of Sweetwater County – Rock Springs, WY *August 2023 – July 2024*

Per Diem Clinical Staff, Emergency Department

- State-designated Area Trauma Hospital; rural and critical access setting

EDUCATION

UC Berkeley–UCSF Joint Medical Program

- M.D. – University of California, San Francisco, May 2020
- M.S. in Health and Medical Sciences – UC Berkeley School of Public Health, May 2018

Clemson University, Calhoun Honors College – Clemson, SC *May 2012*

- B.S. in Chemical Engineering; Economics Minor – Cum Laude & General Honors

PUBLICATIONS

Awad, E., Klapthor, B., Morgan, M.H., & Youngquist, S.T. (2024). The impact of time to defibrillation on return of spontaneous circulation in out-of-hospital cardiac arrest patients with recurrent shockable rhythms. *Resuscitation*, 110286.

Brant-Zawadzki, G., Klapthor, B., et al. (2024). The Performance of ChatGPT-4 and Gemini Ultra 1.0 for Quality Assurance Review in Emergency Medical Services Chest Pain Calls. *Prehospital Emergency Care*, 1–8.

LeSaint, K.T., Klapthor, B., et al. (2020). Buprenorphine for Opioid Use Disorder in the Emergency Department: A Retrospective Chart Review. *Western Journal of Emergency Medicine*, 21(5), 1175.

PRESENTATIONS & GRAND ROUNDS

- Prehospital Management of Crush Injury – University of Utah Trauma/EMS Grand Rounds (June 2024)
- Prehospital Agitation – Ketamine & Excited Delirium – Utah State EMS Medical Directors Course (June 2024)
- Chemical Warfare & Mass Casualty Events – Unified Fire Authority EMS Service, SLC, UT (May 2024)
- Excellence in EMS Care of Acute Coronary Syndromes – Mountain West EMS Service, Tooele, UT (January 2024)
- Why EMS Handoffs Matter – University of Utah EMS Rounds (January 2024)
- Management of the Prehospital Airway in Trauma – University of Utah EMS Rounds (Fall 2023)
- Management of the Agitated Patient in the Prehospital Environment – University of Utah EMS Rounds (Fall 2023)
- Performance Under Pressure in Emergency Medicine – Senior Grand Rounds, Kaiser SD Residency Program (Spring 2023)

POSTER PRESENTATIONS

- Effects of a Prolonged IT Disaster on San Diego County's EMS System and Patient Transport Metrics – NAEMSP 2023, Tampa, FL
 - Partnership with SD County EMS investigating county-wide response to a 2021 cyberattack affecting multiple hospital systems
- Survey of California LEMSA Protocols on Field Termination of Pediatric Resuscitation Efforts – NAEMSP 2023, Tampa, FL
- Masters' Thesis – A Pilot Study on Improved Cook Stoves for COPD Reduction in the Guatemalan Highlands
 - Presented at UC Global Health Research Day (UCSD, April 2018) and International Conference on Occupational and Environmental Exposure (San Francisco, March 2018)

PROFESSIONAL AFFILIATIONS

- American College of Emergency Physicians (ACEP)
- Society for Academic Emergency Medicine (SAEM)
- National Association of EMS Physicians (NAEMSP)
- Wilderness Medical Society (WMS)
- Emergency Medicine Residents' Association (EMRA) – served as national ACEP and Cal-ACEP representative, 2021–2023

ADDITIONAL EXPERIENCE

Teach For America – Denver, CO *June 2012 – June 2014*

- 6th and 7th grade mathematics teacher; consistently led 30+ student classes toward 2+ grade levels of growth
- Contributed to STRIVE Prep, consistently ranked among top 10 public middle schools in Denver for academic growth

Language Skills

- Spanish – Intermediate proficiency; FLAS Fellowship recipient (Trujillo, Peru, July–August 2016)

Global Health

- Himalayan Health Exchange – Ladakh, India (August 2019): Medical elective providing care to isolated communities in rural Northern India
- Guatemala (Summers 2016–2017): 12 weeks of field research on cook stove intervention for COPD in rural highland communities
- Nepal (July–August 2011): Volunteer at rural health clinic, Kathmandu region