

Zachary Hagen

EDUCATION

University of Maryland Medical Center
Emergency Medicine Residency, June 2023

Baltimore, MD

Eastern Virginia Medical School
Doctor of Medicine, May 2020

Norfolk, VA

University of Virginia
Bachelor of Science in Biomedical Engineering, 2015

Charlottesville, VA

STATE LICENSES

Maryland State License	(2023-Present)	Missouri State License	(2025-Present)
Florida State License	(2024-Present)	North Carolina State License	(2026-Present)
Alabama State License	(2025-Present)	Ohio State License	(2025-Present)
Idaho State License	(2025-Present)	Pennsylvania State License	(2025-Present)
Illinois State License	(2025-Present)	Utah State License	(2025-Present)
Indiana State License	(2025-Present)	Wisconsin State License	(2025-Present)

CLINICAL EMPLOYMENT

Emergency Medicine Physician, Sarah Bush Lincoln Fayette County

June 2026-Present Vandalia, IL

Part-time physician at a resource-constrained critical access hospital in southern Illinois.

Emergency Medicine Physician, Mount Sinai Medical Center

August 2025-Present Miami, FL

Full-time nocturnist with Mount Sinai Medical Center, working both in free-standing emergency departments and at the main teaching hospital.

DrHouse — Telemedicine Physician

October 2025-Present Remote

Provided on-demand virtual care across a broad spectrum of acute, non-emergent conditions for a high-volume, nationwide telehealth platform.

Emergency Medicine Physician, Lifebridge Health

July 2023-July 2025 Baltimore, MD

Employed full-time by US Acute Care Solutions with credentials at four emergency departments in Baltimore. Carroll Hospital ED is 41 beds with an annual volume of 42k. Northwest Hospital ED is 48 beds with an annual volume of 38k.

Emergency Medicine Physician, ChristianaCare

Feb 2024-June 2025 Elkton, MD

Part-time employment at Christiana's Union Hospital. Union Hospital is a Primary Stroke Center and the designated Forensic Nurse Examiner site for Cecil County.

Tele-triage, University of Maryland Medical System

August 2021-June 2023 Baltimore, MD

Worked as a provider in triage, remotely assessing patients across five University of Maryland Emergency Departments using a telemedicine interface. Activated appropriate clinical pathways for strokes, ACS, and other life-threatening presentations in the waiting room.

NON-CLINICAL EMPLOYMENT

Medical Advisor, Nectar Hydration

August 2019-June 2026 Miami, FL

Worked to ensure consumer safety, marketing accuracy, and FDA compliance within an early-stage consumer goods startup.

Clinical Content Consultant, Doximity

May 2017-Dec 2018 San Francisco, CA

Worked with the editorial team to improve the quality and targeting of content toward U.S. physicians. Also worked with data team on user specialty and subspecialty categorization.

Technical Analyst/Programmer, Epic Systems

Fall 2015-Summer 2016 Madison, WI

Worked with the emergency departments of large hospital systems in New York, Pennsylvania, and Illinois to customize their electronic medical record. Languages: Java, MUMPS, MATHCAD, MATLAB, HTML

PUBLICATIONS

- Dakessian, A., Hagen, Z., Rocksmith, E. R., & Sethuraman, K. N. (2025). *Definition of delayed-onset neurologic sequelae: A scoping review*. Undersea and Hyperbaric Medicine Journal.
- Lewis, M. W., Wu, L., & Hagen, Z. A. (2022). *Stem-H for Medical Social Workers: A Primer*. Oxford University Press.
- Hagen, Z. (2015). The Interaction of the American Military, Medicine, and Society. *Intersect: The Stanford Journal of Science, Technology and Society*, 9(1).
- Hagen, Z. A., & Pickle, J. C. (2023). Hard to Swallow: Esophageal Emergencies. *Critical Decisions in Emergency Medicine*, 37(5).
- Hack, B., Ramon, S., Hagen, Z., Theron, M., Burkhardt, J., & Gillies, G. (2015). Direct Vision in Minimally Invasive Epicardial Procedures: Preliminary Tests of Prototype Instrumentation. *Journal of Medical Engineering and Technology*, 39(5).

PATENTS

- Hagen, Z A (2024). *Syringe with Integrated Test Strip* (US Patent and Trademark Office Appl. 18/804,385, 2024)

LECTURES

- Hagen, Z. (2021, July). *Shuntin' Like My Daddy. Clinicopathologic Case Series*. Baltimore, Maryland. A case presentation of a rare case of meningitis/ventriculitis due to VP shunt erosion into the small bowel.
- Hagen, Z. (2023, May). *Sharknados (and Other Marine Emergencies). Senior Lecture Series*. Baltimore, Maryland. A one-hour lecture overviewing common marine emergencies and management.

PRESS

- An Engineer Revamps His Study Methods for Med School [Interview by Doximity Op-Med "How I Work" Series]. (2017, August 15). Retrieved from <https://opmed.doximity.com/articles/an-engineer-revamps-his-study-methods-for-med-school-415badb54936>

CERTIFICATIONS

ABEM Board Certification, DEA License, BLS, ACLS, PALS, PADI Open Water Diver