

Ashley Erin Hall, MD

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Education and Training

Education

08/2014 – 05/2018 **MD**, Medical College of Georgia at Augusta University, Augusta, GA
08/2010 – 12/2012 **BS in Biology**, Georgia Institute of Technology, Atlanta, GA
01/2008 – 05/2010 University of West Georgia, Carrollton, GA
06/2007 – 12/2007 University of Georgia, Athens, GA

Postdoctoral Training

08/2022 – Present **Emergency Ultrasound Fellow**, Stanford University, Palo Alto, CA
07/2018 – 06/2022 **Emergency Medicine Resident**, University of Michigan, Ann Arbor, MI
Training sites:
Michigan Medicine
 Level I Trauma Center in Ann Arbor, MI
St. Joseph Mercy Ann Arbor Hospital
 Level I Trauma Center in Ypsilanti, MI
Hurley Medical Center
 Level I Trauma Center in Flint, MI

Additional Education

09/2022 **American College of Emergency Physicians - Emergency Ultrasound Management Course**, San Francisco, CA.
Actively participated in an ACEP track designed for physicians to gain management expertise in ultrasound.
09/2022 **Intensive Course in Clinical Research**, Stanford University
Actively participated in a professional development course combining didactics and team activities for those interested in an academic career involving clinical and translational research - with my research proposal being chosen as one of a few for further presentation and discussion

2020 – 2022	Clinical Ultrasound Professional Development Track , University of Michigan <i>Actively participated in a professional development track designed to provide residents with the opportunities and training of an Ultrasound Fellowship - based on the ACEP EUS Fellowship Guidelines</i>
2020 – 2022	Clinical Informatics Professional Development Track , University of Michigan <i>Actively participated in a professional development track for certified Epic physician builder residents to design, construct, and implement EMR builds while participating in quality improvement initiatives</i>

Employment

08/2022 – Present	Emergency Department Clinical Instructor , Stanford University, Palo Alto, CA
02/2015 – 12/2017	Anesthesia Technician , Children’s Hospital of Georgia, Augusta, GA
04/2013 – 06/2014	Emergency Department Lead Scribe , Atlanta Medical Center, Atlanta, GA
11/2013 – 06/2014	Pharmacy Technician , CVS Pharmacy, Gainesville, GA

Certification and Licensure

Certifications

2023 (in process)	Epic SmartForms Administration <i>Trained in building SmartForms with associated text generation and binding to SmartData Elements for EMR optimization and data gathering</i>
2018 - present	BLS (Basic Life Support) Provider
2018 - present	ACLS (Advanced Cardiac Life Support) Provider
2018 - present	PALS (Pediatric Advanced Life Support) Provider
2020	Epic Physician Builder <i>Trained and certified in the ongoing optimization of clinical improvement requests and user interface of the Epic EMR</i>
2018 - present	NRP (Neonatal Resuscitation Program) Provider
2018 - present	ATLS (Advanced Trauma Life Support) Provider

Licensure

2022 – Present	State of California Medical License: A178278
2022 – Present	State of California Medical DEA: FH1839058
2018 – 2022	State of Michigan Limited Educational Medical License
2018 – 2022	State of Michigan DEA
2018 – 2022	State of Michigan Controlled Substance

Honors and Awards

Institutional

2021	Top Teaching Resident Award, Emergency Department, University of Michigan
2019	Residency Recruitment Award, Emergency Department, University of Michigan
2017	Appreciation for Service as a Medical Student Ambassador, SAEM
2015	Exemplary Teamwork Award, Dept of Anesthesia, Children's Hospital of Georgia
2015	Certificate of Appreciation, Office of Admissions, Medical College of Georgia

Educational

2017 – 2018	Dean's Clinical Honor Society, Medical College of Georgia.
2010 – 2012	Dean's List, Faculty Honors, Highest Honors, Georgia Institute of Technology.
2008 – 2012	HOPE (Helping Outstanding Pupils Educationally) Scholarship, Georgia Institute of Technology.

Memberships in Professional Societies

2022 – Present	AMIA (American Medical Informatics Association) member
2018 – Present	AAEM (American Academy of Emergency Medicine) member
2018 – Present	ACEP (American College of Emergency Physicians) member
2018 – Present	EMRA (Emergency Medicine Residents' Association) member
2018 – Present	SAEM (Society for Academic Emergency Medicine) member

Committee and Administrative Services

Stanford University

2022 – Present	Point of Care Ultrasound Governance Committee, Leader <i>Acting as one of the physician leaders collaborating with hospital IT, compliance, and billing to spearhead the hospital-wide implementation of a new point-of-care ultrasound workflow</i>
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- 2022 – Present **Clinician Builder Program Committee, Member**
Engaging in weekly meetings focused on physician builder projects to discuss ongoing initiatives, troubleshooting challenges, and collaboratively developing effective solutions
- 2022 – Present **Ultrasound Quality Assurance Committee, Member**
Responsible for conducting comprehensive quality assurance reviews on all ED ultrasounds within a 48-hour period each week, as well as participating in weekly meetings to review specific cases/teaching topics

University of Michigan

- 2021 – 2022 **Ultrasound Quality Assurance Committee, Resident Director & Member**
- 2021 **Ultrasound Intern Boot Camp, Director**
- 2021 – 2022 **Emergency Critical Care Division Quality Assessment Committee, Member**
- 2021 – 2022 **MiChart Clinical Advisory Committee, House Officer Elected Representative**
- 2021 – 2022 **NORDS (Nursing Orders Simplification Advisory) Committee, Member**
- 2020 – 2022 **Ultrasound Education Committee, Member**
- 2020 – 2022 **Ultrasound Operations Committee, Member**
- 2020 – 2022 **Ultrasound Research Committee, Member**
- 2020 – 2022 **Emergency Medicine Didactics Committee, Member**
- 2019 – 2022 **MiChart-ASAP Build Committee, Physician Builder Member**

Medical College of Georgia at Augusta University

- 2017 – 2018 **Emergency Medicine Interest Group, Co-President**
- 2014 – 2018 **Student Council, Elected Class Social Chair**
- 2017 **SAEM, Student Ambassador**
- 2015 – 2016 **Office of Admissions, Tour Guide**
- 2016 **Intubation Simulation Workshop, Instructor**

Georgia Institute of Technology

- 2010 – 2012 **Project Coordinator for TEAM Buzz (Tech Enhancing Atlanta Metropolitan)**

Presentations:

National

- 05/2023 **Society for Academic Emergency Medicine, Annual Meeting. Austin, TX.**
1. “Vital Valvular Views: Can't-Miss Cardiac Valve Emergencies and How to Identify Them with Point-of-Care Ultrasound”

Regional

04/2023

Association of American Medical Colleges - Western Group on Educational Affairs, Collaborative Spring Conference. Honolulu, HI.

1. “Should medical students replace their stethoscopes with a portable ultrasound device?”

Teaching Activity

Stanford University

02/2023

FAST Ultrasound Rapid Review. SAEM SonoGames Residency preparation. Virtual, Stanford University, Palo Alto, CA.

01/2023 – 03/2023

EMED 216 Point-Of-Care Ultrasound, Instructor.
Stanford University, Palo Alto, CA.

In addition to weekly hands-on teaching/scanning, lectures given:

- Intro to POCUS MSK & Pelvic (03/01/2023)
- Intro to POCUS IVC & Aorta (02/08/2023)
- Intro to POCUS Echo (01/25/2023)

10/2022

Introduction to Point of Care Ultrasound: FAST Exam.
East Palo Alto Academy, East Palo Alto, CA

09/2022 – Present

INDE 204 A/B Practice of Medicine (POM), Instructor.
Stanford University, Palo Alto, CA.

In addition to hands-on teaching, lectures given:

- US Probes/Movements (04/07/2023, 04/10/2023, 04/17/2023, 04/19/2023)
- Intro to POCUS Echo (04/07/2023, 04/10/2023, 04/17/2023, 04/19/2023)
- Intro to POCUS IVC (04/07/2023, 04/10/2023, 04/17/2023, 04/19/2023)

08/2022 – Present

Resident Ultrasound Training Team Challenge (TC) Days, Instructor.
Stanford University, Palo Alto, CA.

In addition to hands-on teaching/scanning, lectures given:

- Operational Change: New POCUS Workflow (05/03/2023, 05/10/2023)
- Resuscitative TEE (05/03/2023, 05/10/2023)

08/2022 – Present

EMED 308A Point-Of-Care Ultrasound Clerkship, Instructor.
Stanford University, Palo Alto, CA.

In addition to weekly QA and case review, lectures given:

- Curated QA: Case-based Ultrasound review (05/11/2023)
- Curated QA: Case-based Ultrasound review (05/04/2023)
- Curated QA: Case-based Ultrasound review (03/02/2023)
- Curated QA: Case-based Ultrasound review (02/23/2023)
- Curated QA: Case-based Ultrasound review (02/16/2023)

- Curated QA: Case-based Ultrasound review (02/09/2023)
- Curated QA: Case-based Ultrasound review (11/24/2022)

University of Michigan

06/2022	Transcranial Doppler. Ultrasound Track Didactics. University of Michigan, Ann Arbor, MI.
04/2022	6-Minute Soap Box: AVAPS vs BiPAP. Emergency Medicine Residency Conference. University of Michigan, Ann Arbor, MI.
01/2022	SonoWars: Shock. Emergency Medicine Residency Conference. University of Michigan, Ann Arbor, MI.
12/2021	Diastology. Ultrasound Track Didactics. University of Michigan, Ann Arbor, MI.
08/2021	Curated QA: Case-based Ultrasound review. Ultrasound Track Didactics. University of Michigan, Ann Arbor, MI.
08/2021	Learning Ultrasound: FAST. Ultrasound Track Didactics. University of Michigan, Ann Arbor, MI.
07/2021	Learning Ultrasound: DVT, Soft Tissue, MSK. Ultrasound Intern Boot Camp. University of Michigan, Ann Arbor, MI.
06/2021	Drug Corner: Anti-Hypertensives. Emergency Medicine Residency Conference. University of Michigan, Ann Arbor, MI.
04/2021	Curated QA: Case-based Ultrasound review. Ultrasound Track Didactics. University of Michigan, Ann Arbor, MI.
03/2021	Acute Leukemia & Lactic Acidosis. Emergency Medicine Critical Care QA. University of Michigan, Ann Arbor, MI.
03/2021	Minimum Teaching Points: 1 st Trimester US. Ultrasound Track Didactics. University of Michigan, Ann Arbor, MI.
01/2021	Curated QA: Case-based Ultrasound review. Ultrasound Track Didactics. University of Michigan, Ann Arbor, MI.
11/2020	Minimum Teaching Points: Soft Tissue US. Ultrasound Track Didactics. University of Michigan, Ann Arbor, MI.
07/2020	Evaluating for Deep Vein Thrombosis. Ultrasound Intern Boot Camp. University of Michigan, Ann Arbor, MI.
05/2020	Airway Devices. Critical Care Intern Boot Camp. University of Michigan, Ann Arbor, MI.
03/2020	Radiology Adds Value Everyday: ED-FAST Score. Department of Radiology Conference. St. Joseph Mercy Hospital, Ann Arbor, MI.
09/2019	Health Care Disparities: Social Isolation. Emergency Medicine Residency Conference. University of Michigan, Ann Arbor, MI.
04/2019	Urine Drug Screen. Intern Insights. Emergency Medicine Residency Conference. University of Michigan, Ann Arbor, MI.

Bibliography

Publications

Hoch VC, Abdel-Hamid M, Liu J, **Hall AE**, Theyyunni N, Fung CM. “ED Point-of-Care Ultrasonography Is Associated with Earlier Drainage of Pericardial Effusion: A Retrospective Cohort Study.” The American Journal of Emergency Medicine, vol. 60, 2022, pp. 156–163., <https://doi.org/10.1016/j.ajem.2022.08.008>.

- Co-Investigator, University of Michigan
- A retrospective cohort study to determine the association between POCUS and time to treatment for patients who had an intervention for a pericardial effusion.

Schmitzberger FF, **Hall AE**, Hughes ME, Belle A, Benson B, Ward KR, Bassin BS. “Detection of Hemodynamic Status Using an Analytic Based on an Electrocardiogram Lead Waveform.” Critical Care Explorations, vol. 4, no. 5, 2022, <https://doi.org/10.1097/cce.0000000000000693>.

- Co-First Author, Co-Investigator, University of Michigan
- A retrospective cohort study to determine if a novel non-invasive technology (AHI: Analytic for Hemodynamic Instability) is able to predict hemodynamic instability without the need for continuous direct measurement of blood pressure.

Poster Presentations

10/2020 **Hall AE**, Jarou ZJ. Predicting Hospital Admission from the Moment of Emergency Department Arrival. UofM AI Symposium, Virtual

Ongoing

2023 – Present Viveta Lobo MD, **Ashley Erin Hall MD**, Zahra-Ghazi Askar MD, Luyao Shen MD, Dorothy Cordova, Ian Brown MD. “Point-of-care ultrasound clinical workflow pilot: design and adoption of a simplified automated workflow within EHR for all clinical settings.”

References

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