

CV Applicant #6

TRAINING/EDUCATION

Yale University, Emergency Ultrasound Fellowship , New Haven, CT <i>Instructor</i>	2023 – 2024
University of Connecticut Emergency Medicine Residency , Farmington, CT <i>Chief Resident 2022-2023</i>	2020 – 2023
University of Connecticut School of Medicine , Farmington, CT <i>Doctor of Medicine, Top 25% of class</i> <i>Certificate in Social Determinants of Health & Disparities</i>	2016 – 2020
Boston College , Chestnut Hill, MA <i>Bachelor of Science in Biology, Magna Cum Laude</i>	2012 – 2016

HONORS/AWARDS

Chief Resident Award	2023
• Award given in recognition of completing the chief resident year	
Research Award	2023
• Yearly award for the third-year emergency medicine resident who demonstrated excellence in research	
Academic Achievement Award	2023
• Yearly award for a third-year resident who has shown exceptional achievement in academic pursuits of medicine	
SonoGames Champion	2023
• Yearly National Ultrasound competition at the Society of Academic Emergency Medicine annual meeting	
Outstanding Resident Teacher Award	2023
• Yearly award given to residents who have received exceptional teaching evaluations from medical students	
Get It Done Award	2021, 2022, 2023
• Yearly award given to the resident in each class with the most logged procedures	
In-Training Exam Achievement Award	2022
• Awarded to the resident in each residency class with the highest In-Training Examination score	
Resident of the Month	2022
• Monthly award voted on by the residents, received for the month of February	
Outstanding Student Teacher Award	2018
• Yearly award given to one student at UConn School of Medicine, voted on by students and faculty members	

PEER REVIEWED MANUSCRIPTS

Evaluation of a Required Vertical Point-of-Care Ultrasound Curriculum for Undergraduate Medical Students.

Association of atypical antipsychotics and mortality for patients hospitalized with pneumonia.

Impact of Cirrhosis on Pneumonia-Related Outcomes in Hospitalized Older Veterans.

PEER REVIEWED CASE REPORTS

Role of Point-of-Care Ultrasound in Assessing an Acute Aortic Thrombus.

Craniopharyngioma Presenting as a Stroke Mimic, a Case Report.

Man with Incidental Ventricular Mass.

Untimely Myocardial Infarction or COVID-19 Vaccine Side Effect.

OTHER PUBLICATIONS

Pneumothorax. Lifelong Learning and Self-Assessment Study Guide 2023. American Board of Emergency Medicine.

PLENARY ORAL PRESENTATIONS

Scanning in Cardiac Arrest: A Scary Truth of Unsaved Ultrasounds. Plenary Oral Presentation. (Primary Presenter). Regional Conference.

Incidence of Phantom Scanning in Cardiac Arrest and Trauma Responses. Plenary Oral Presentation. Regional Conference.

Prevalence and Potential Implications of Perinephric Fluid on Ultrasound. Plenary Oral Presentation. Regional Conference.

ORAL PRESENTATIONS

There Benefit to Transferring Cardiac Arrest Patients for Targeted Temperature Management? Oral Presentation. (Primary Presenter) Regional Conference.

Prevalence and Potential Implications of Perinephric Fluid on Ultrasound. Lightning Oral Presentation. National Conference.

Prevalence and Potential Implications of Perinephric Fluid on Ultrasound. Oral Presentation. National Conference.

Phantom Scanning in Cardiac Arrest: A Scary Truth of Unsaved Ultrasounds. Oral Presentation. (Primary Presenter) **(Top 100 Abstract)** National Conference.

Non-contrast CT Imaging of Modified Trauma Patients Did Not Hinder Treatment or Disposition. Lightning Oral Presentation. (Primary Presenter) National Conference.

Non-contrast CT Imaging of Modified Trauma Patients Did Not Hinder Treatment or Disposition. Abstract. Regional Conference.

Does Naloxone Improve Outcomes in Cardiac Arrests Related to Opiate Overdose? Lightning Oral Presentation. (Primary Presenter) National Conference.

Does Naloxone Improve Outcomes in Cardiac Arrests Related to Opiate Overdose? Lightning Oral Presentation. Regional Conference.

Epinephrine in Cardiac Arrest, Identifying a Potential Endpoint for Resuscitation. Lightning Oral Presentation. (Primary Presenter) Regional Conference.

Cardiac Point-of-Care Ultrasound Increases Resource Use Without Notable Benefit During Traumatic Cardiac Arrest. Regional Conference.

Cardiac Point-of-Care Ultrasound Increases Resource Use Without Notable Benefit During Traumatic Cardiac Arrest. Regional Conference.

Earlier Use of Vasopressors After Out-of-Hospital Cardiac Arrest May Improve Outcomes. Oral Presentation. Regional Conference.

Brief Screening to Assess Food Insecurity in the Emergency Department. Oral Presentation. Regional Conference.

POSTER PRESENTATIONS

Epinephrine in Cardiac Arrest, Identifying a Potential Endpoint for Resuscitation. (Primary Presenter) National Conference.

Earlier Use of Vasopressors After Out-of-Hospital Cardiac Arrest May Improve Outcomes. National Conference.

The Efficacy of Using a Decision-Making Algorithm to Triage Patients with Symptoms Concerning for COVID-19. National Conference.

Comparing clinical characteristics of COVID-19-positive patients to COVID-19-negative patients. (Primary Presenter) National Conference.

Brief Screening to Assess Food Insecurity in the Emergency Department. National Conference.

Effectiveness of simulation case guides for preclinical medical students. Regional Conference.

Association of atypical antipsychotics and mortality for patients hospitalized with pneumonia. National Conference.

Association of atypical antipsychotics and mortality for patients hospitalized with pneumonia. Medical School Research Day.

INVITED PRESENTATIONS/LECTURES/TEACHING

Ultrasound Bootcamp, 2023

- July 24, 2023
- Lecture on biliary point-of-care ultrasound
- Invited lecture delivered to PGY-1 residents
- Hands-on instruction to PGY-1 residents

Ultrasound Bootcamp, 2023

- June 20, 2023
- Lecture on nerve blocks, fascia iliaca nerve block
- Invited lecture delivered to PGY-1 residents
- Hands-on instruction to PGY-1 residents

Thoracic Ultrasound in Sports Medicine, 2022, 2023

- Invited to give lecture on PoCUS thoracic ultrasound for a regional sports medicine ultrasound conference
- Presented to Orthopedic sports medicine faculty and fellows from the New England Region
- Both didactic and hands on teaching instruction

Shock Symposium, 2022, 2023

- Invited hands-on ultrasound instructor
- Taught attendings, fellows, residents, nurses, paramedics, and others ultrasound for shock and cardiac arrest
- 4-hour session of rotating groups

Ultrasound Bootcamp, 2022

- July 18 – 19, 2022
- Invited lecture on nerve blocks: fascia iliaca, serratus anterior, forearm nerve blocks
- Hands-on instruction to PGY-1 residents

VOLUNTEER TEACHING EXPERIENCE/LECTURES

Ultrasound Curriculum, 2020 - 2023

- Volunteered as a resident teaching medical students ultrasound
- Taught at kickoff, fall and spring homeweek, transition to residency, and global health ultrasound session
- Helped design and run stations at sonoslam, a yearly ultrasound competition for medical students
- Taught sessions on common ultrasound applications such as cardiac, thoracic, E-FAST, biliary, aorta, musculoskeletal, bowel, and vascular access
- Both lecture and hands-on teaching experience with medical students as the primary learners
- Over 130 hours of ultrasound teaching experiences

Simulation Curriculum, 2021 - 2023

- Volunteered to teach medical student simulation sessions
- Ran cases and debriefed learners
- Taught third-year students at homeweeks, fourth-year students at transition to residency
- Over 15 hours of simulation teaching experiences as a resident

Residency Lectures

2020 - 2023

- Greater than 10 morning reports focused on EKG/Radiology findings and clinical correlations
- Case conference lectures on variceal bleeds, cerebral T waves, and pulmonary embolism treatments
- Pre-conference lectures on critical care cases, investing, EKG's, radiology, and lumbar puncture in subarachnoid hemorrhage
- Lecture on nerve blocks during ultrasound bootcamp for PGY-1 EM residents

ADDITIONAL TEACHING EXPERIENCE

Anatomy, 2017 - 2020

- Anatomy tutor for first-year medical students, in two-hour sessions
- Developed a longitudinal elective for fourth year medical students to teach anatomy that became a permanent elective within the fourth year medical school curriculum
- Over 100 hours experience
- Received award as "Outstanding Student Teacher" following the 2017-2018 academic year

RESIDENCY ACITIVITES

Chief Resident

2022 - 2023

- 54-resident university program
- Created schedule for residents, ran a lecture series focusing on core curriculum content and board review

- Organized and distributed phones and dragon dictation devices monthly to residents
- Established a new Medical ICU role for emergency medicine residents focused on admissions, procedures, and teaching
- Attended monthly meetings to innovate residency improvements and discuss implemented changes
- Sat on the curriculum committee to plan and improve residency didactics
- Reviewed over 200 residency applications and selected students to interview to help build a future emergency medicine class
- Conducted residency interviews
- Orientation lectures to PGY-1's on both handoffs and academic resource

SonoGames

2021, 2022, 2023

- Finished in the top 3 in a residency-wide ultrasound competition
- Represented the residency at SAEM in the 2021, 2022, and 2023 SonoGames
- 2023 SonoGames Champion out of 92 teams competing

Cardiac Arrest Research

2021-2023

- Proposed and completed a retrospective chart review of over 1,600 patients
- Project lead on multiple projects from the created database
- Oversaw both residents and medical students performing chart review
- Performed statistical analysis on multiple projects
- Multiple abstracts presented at national conferences
- Manuscript submitted

Intravenous Contrast use in Trauma Research

2022-2023

- Project lead on the creation of a retrospective database of 750 patients reviewing intravenous contrast use in trauma
- Oversaw the work of three medical students assisting with the chart review
- Abstract accepted at a national conference for oral presentation

HOSPITAL SERVICE

Emergency Department Observation Pathways

2021-2023

- Envisioned and designed pathways approved for use in the 20-bed ED Observation unit at Hartford Hospital
- Pathways are also available to all Hartford Healthcare Emergency Departments with an ED Observation unit
- Anemia, Atrial Fibrillation, Seizure, and low-risk DVT/PE pathways
- In progress pathways: hypoglycemia and electrolyte repletion

Patient Experience Committee

2021- 2022

- Attended monthly meetings
- Encouraged improvements for patient experience such as provider whiteboard use and visitor policy

MEDICAL SCHOOL SERVICE

Medical Student Mentorship

2021-2023

- Met regularly with medical students interested in Emergency Medicine
- Oversaw collaboration on research projects with medical students interested in gaining research experience
- Guided medical students in the development of an oral presentation for a regional conference
- Resulted in 2 abstracts accepted for oral presentation at a national conference

PROFESSIONAL MEMBERSHIPS

EMRA (Emergency Medicine Resident's Association)

SAEM (Society of Academic Emergency Medicine)

ACEP (American College of Emergency Physicians)

Member of the Ultrasound Residency Education Subcommittee of the Ultrasound Section

AIUM (American Institute of Ultrasound in Medicine)

CERTIFICATIONS

ACLS, BLS, PALS, ATLS, NRP

HOBBIES

Stock Trading, finance, sports (golf, hockey, tennis), running, biking, reading