

CV Applicant #5

EDUCATION

2016 – 2020 Doctor of Medicine, University of Maryland School of Medicine, Baltimore, MD
2009 – 2013 B.S. Biomedical Engineering (Honors), Johns Hopkins University, Baltimore, MD

EMPLOYMENT HISTORY

2020 – 2023 Resident Physician, Thomas Jefferson University Hospital, Emergency Medicine Residency, Philadelphia, PA

2022 – 2023 Event Physician, National Event Services, Philadelphia, PA

- Staff physician for concerts and baseball games at Citizens Bank Park and music festivals around the area

2022 – 2023 Medical Command Physician, Philadelphia Fire Department, Philadelphia, PA

- Provide medical command assistance to Philadelphia Fire Department prehospital providers

2011 – 2020 Firefighter/Paramedic, Kensington Volunteer Fire Department (KVFD), Kensington, MD

- Provide 9-1-1 EMS and firefighting services to the community as a paramedic/firefighter in a 100% volunteer fire department in a busy suburban area right outside of Washington, DC
- Train new members in Emergency Medical Services and Firefighting

HONORS & AWARDS

2022 – 2023 Chief Resident, TJUH EM Residency

- Work with GME leadership to manage conference schedule and content, create the ED shift schedule for 50 ED residents and 100 off-service residents (at 4 different hospitals), plan wellness events and ensure well-being of all residents, lead recruitment and interview events

2021 – 2022 SKMC Clinical Educators Honor Roll

- Recognized by SKMC medical students for exceptional clinical teaching over the academic year

2021 – 2022 Sonogames 2022, Society for Academic Emergency Medicine (SAEM) Conference

- Participated on a team of three residents competing with other residency programs in a competition assessing ultrasound knowledge and imaging acquisition skills
- Tied for 4th place out of 75 teams

2021 Intern of the Year, TJUH EM Residency

- Awarded to one first-year resident at the Thomas Jefferson University Hospital Emergency Residency Program for their performance as a PGY-1 EM resident

2021 Public Safety Office of the Year Award

- Awarded at the Kensington-Wheaton Chamber of Commerce 37th Annual Community Awards banquet for implementing a virtual online EMS training program for its members and surrounding volunteer fire departments in response to the COVID-19 pandemic social distancing restrictions
- 2021 President's Award, KVFD
 - Awarded by the President of the Kensington Volunteer Fire Department (KVFD) for implementing a virtual online EMS training program for members its members and surrounding volunteer fire departments in response to the COVID-19 pandemic social distancing restrictions
- 2021 20-in-6 Lecture Competition Winner, TJUH EM Residency
 - Won 1st place at the first annual 20-in-6 competition at TJUH EM Residency Program, with a lecture on the topic of Prehospital Ultrasound
- 2019 Sonoslam 2019, American Institute of Ultrasound in Medicine Conference
 - Medical student team competing against other medical schools in the use of POCUS
 - Placed in the top 5, out of 30 participating teams
- 2019 ACP Medical Student Clinical Vignette and Research Poster Competition, ACP Internal Medicine Meeting 2019
 - Selected as one of 5 winners out of 96 finalists
- 2017 Firefighter of the Year Award, KVFD
 - Awarded to one member who demonstrated outstanding service or notable accomplishments in firefighting during the year
- 2017, 2021 Donald B. Bourque Training Achievement Award, KVFD
 - Awarded to one member each year who exemplified himself/herself in one or more training activities or initiatives in the previous year
- 2015- 2018 Top Responder Award, KVFD
 - Responded to over 500 calls for 911 emergency medical or fire services for four consecutive years with the Kensington Volunteer Fire Department
- 2016 Circle of Excellence, KVFD
 - Awarded to five members each year “who provide solid, consistent and professional day-to-day service throughout the year, without whom the department would struggle to maintain the level of service that is expected by the community”
- 2016 EMS Provider of the Month Award
 - Awarded by the Fire Chief of Montgomery County Fire Rescue for a successful resuscitation of sudden cardiac arrest patient
- 2015 Public Safety Officer of the Year Award
 - Awarded at the Kensington-Wheaton Chamber of Commerce 31st Annual Community Awards Banquet in recognition for outstanding commitment to the community

PUBLICATIONS

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1. Konnyaku jelly: A quick preparation and cost effective ultrasound-guided IV phantom model. Journal Publication.

2. Implementing a Statewide Prehospital Sepsis Protocol: Perspectives of Emergency Medical Services Medical Directors. Journal Publication.
3. Genetic model of MS severity (GeM-MSS) predicts future accumulation of disability. Journal Publication.
4. Intracellular production of synthetic RNA granules by ligand- yielded multivalent enhancers. Journal Publication.
5. Finger and Foot Tapping as alternative outcomes of upper and lower extremity function in multiple sclerosis. Journal Publication.
6. Molecular-based diagnosis of multiple sclerosis and its progressive stage. Journal Publication.
7. Development of a sensitive outcome for economical drug screening for progressive multiple sclerosis treatment. Journal Publication.

TEACHING/LECTURES

2022	Intern Ultrasound Orientation, TJUH EM Residency <ul style="list-style-type: none"> • Assisted new EM interns on practicing placement of ultrasound-guided peripheral IVs
2022	SKMC EM Interest Group Lecture <ul style="list-style-type: none"> • Gave a lecture on the emergency management of GI bleeds for first/second year medical students at Sidney Kimmel Medical College (SKMC)
2022	SKMC Gateway to Internship <ul style="list-style-type: none"> • Taught rising 4th year medical students procedures including central line placement, intraosseous access, FAST exam, ultrasound-guided IVs
2022	Refractory ventricular fibrillation, TJUH EM Residency Conference PGY2 Lecture
2021 – 2022	SKMC Medical Student EM Clerkship Orientation <ul style="list-style-type: none"> • Taught third year medical students starting their EM clerkship skills including airway, central line placement and point of care ultrasound
2021	SKMC Point of Care Ultrasound Interest Group Teaching Session <ul style="list-style-type: none"> • Taught first and second year medical students FAST and cardiac POCUS
2020	Tracheostomy Emergencies, TJUH EM Residency Conference PGY1 Lecture
2018	UMSOM Ultrasound Festival 2018, University of Maryland SOM <ul style="list-style-type: none"> • Organized the first annual POCUS conference for medical students • Coordinated with ultrasound vendors to secure 9 ultrasound machines, EM faculty and residents to organize a four-hour skills session for 40 first- and second-year medical students • Taught the FAST exam station to first- and second-year medical students

CONFERENCES/PRESENTATIONS

2022	National EM Conference, Right shoulder pain in a high school basketball player (Poster)
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- 2019 National EM Conference, Mycobacterium Marinum Infection in a Maryland Crabber (Poster)
- 2017 Medical School Research Day. Evaluating the Use of the Ottawa Subarachnoid Hemorrhage Rule in Minimizing Misdiagnoses (Poster)
- 2016 Departmental Retreat. Finger and Foot Tapping as alternative outcomes of upper and lower extremity function in multiple sclerosis (Poster)
- 2015 Departmental Retreat. Database analysis of CNS-cell specific protein biomarker candidates for multiple sclerosis (Poster)

COMMUNITY SERVICE

- 2021-2023 Chinatown Clinic, Philadelphia, PA
 - Performed point-of-care ultrasound studies for patients in the Chinatown clinic which provides free medical care to the underserved population in the Chinatown neighborhood in Philadelphia
- 2021 Afghan Evacuation Medical Response
 - Provided medical screening exams and COVID-19 vaccinations for Afghani refugees from arriving to Philadelphia International Airport

EDUCATION

- 2022 Maimonides Block Camp, Maimonides Medical Center Department of EM, Brooklyn, NY
- 2022 Society for Academic Emergency Medicine (SAEM) Annual Conference, New Orleans, LA
- 2022 American Academy of Emergency Medicine Annual Conference, Baltimore, MD
- 2019 American College of Physicians Annual Conference, Philadelphia, PA

LEADERSHIP

- 2022 – 2023 Chief Resident – TJUH Emergency Medicine Residency
- 2018 UMSOM Ultrasound Festival 2018 – Coordinator
- 2017 – 2018 UMSOM Emergency Medicine Interest Group (EMIG) – Vice President
- 2017 – 2018 UMSOM Point of Care Ultrasound Interest Group (POCUS) – Secretary

CERTIFICATIONS

- 2022 Pennsylvania Base Command Physician
- 2015 Emergency Vehicle Operator
- 2013 Nationally Registered Paramedic
- 2013 Advanced Cardiac Life Support
- 2012 Firefighter I & II

LANGUAGES, INTERESTS & HOBBIES

- Native Japanese speaker
- Firefighting, piano, ukulele, ultimate Frisbee, baseball