

EDUCATION

Emergency Medicine Residency at Mount Sinai Morningside-West, New York, NY

July 2018 - Present

Perelman School of Medicine at the University of Pennsylvania, Philadelphia, PA
of Medicine

Doctor August 2014 - May 2018

Wesleyan University, Middletown, CT
Bachelor of Arts in Chemistry (Concentration: Biochemistry)

August 2006 - May 2010

WORK AND RESEARCH EXPERIENCE

“EMRA Simulation Research Grant” Applicant, Pending Judges’ Review

July 2020

Proposal for funding to construct previously published high-fidelity, low-cost meat models for four common ED ultrasound guided nerve blocks and to lead a large resident and attending hands-on procedural workshop. Additionally, I will give an educational lecture on the indications, anesthetics, and risk/benefits and administer pre- and post-workshop surveys to assess for workshop effectiveness. I have program backing to conduct this workshop in the fall of this academic year.

Medical Student Ultrasound Instructor, Hospital of the University of Pennsylvania

January - April 2018

After completing a month-long ED ultrasound elective, I assumed a paid teaching role assisting in biweekly ultrasound workshops for the MS1 class where I led my own station with a standardized patient teaching fellow students indications, interpretation, and basic ultrasonography acquisition skills.

Scholarly Pursuit in ED Ultrasound, Hospital of the University of Pennsylvania

November 2017 - January 2018

Worked alongside an ultrasound fellow in study to evaluate the utility of lung ultrasound in Emergency Department disposition of patients with ESRD on hemodialysis. I enrolled patients in this IRB-approved study, performed a large portion of the ultrasound studies, and assisted in data analysis. The results were presented as a poster at a national nephrology convention.

Ravetch Immunology Lab, *Research Assistant*, Rockefeller University

June 2010 - June 2014

Performed research under Dr. Jeffrey Ravetch in the area of antibody/receptor interactions pertaining to immune and autoimmune responses, specifically the Fc receptor family and its role in maintaining peripheral tolerance.

ACTIVITIES AND LEADERSHIP EXPERIENCE

Ultrasound Resident Co-Chief, Mount Sinai Morningside-West

June 2020 - Present

Assist ultrasound faculty in residency and medical student rotator ultrasound education, including participation in monthly additional scanning shifts, and advocate for residency ultrasound usage in the Emergency Department.

Regional Nerve Block Elective, *Clinical Rotator*, Mount Sinai Morningside-West

June 29, 2020 - July 10, 2020

Organized this new elective to learn ultrasound-guided regional nerve blocks alongside supervising anesthesiologists with the goal of improving competency in relevant Emergency Medicine regional anesthesia.

Penn Emergency Medicine Interest Group, *Co-President*, Perelman School of Medicine

April 2017 - May 2018

Responsibilities included scheduling, organizing, and facilitating Emergency Medicine informational sessions, skills workshops, panel sessions, and activities fairs.

Penn Med Orchestra, *Cellist*, Perelman School of Medicine

August 2016 - May 2018

Rehearsed biweekly and performed in end-of-semester concerts with fellow medical students, residents, and attending physicians.

Funny Bones, *Co-President and Volunteer*, Perelman School of Medicine

December 2014 - December 2015

Created fun “arts and crafts” projects and scheduled dates and student volunteers for monthly visits to the Children’s Hospital of Philadelphia.

Spanish Immersion Program, Student, San Juan del Sur, Nicaragua

July - August 2015

Twenty hours per week of one-on-one Spanish-language instruction while living with a non-English speaking host family.

Delivered Spanish-language presentation regarding women's health to rural community.

Ayira Health Services, Surgical Clinical Volunteer, Lira, Uganda

February - April 2013

Shadowed Dr. Patrick Opio, a general surgeon, at his private practice and in the OR. This was my first exposure to ultrasound, which was the only imaging-modality available in this low-resource setting. In addition, I performed wound care and assisted in a government funded vaccination clinic.

PUBLICATIONS

B-line Score is Predictive of Repeat Acute Care Utilization in Hemodialysis Patients. Poster Presentation, American Society of Nephrology Kidney Week, San Diego, CA Oct 2018.

ACADEMIC LECTURES

Conference Lectures: Thyroid storm complicated by BB/CCB toxicity, Septic prosthetic joint

Morning Reports: Acute exacerbation of severe pulmonary hypertension, Mastering reverse sugar tong fiberglass splinting – a practical, A rare sinusitis presentation – expanding headache differential, Posterior STEMI vs Aortic Dissection

Toxicology Rotation Presentation: Acute alcohol withdrawal

Presentation to Medical Student Rotators: Dog bite management

CERTIFICATIONS

ATLS

ACLS/BLS

PALS

Have met eligibility requirements for certification upon graduation in the 6 core applications of POCUS