

## Alexander Iteen M.D.

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### Education

Emergency Medicine (EM) Residency, 2017 – 2021  
Naval Medical Center San Diego (NMCSD). San Diego, CA.

Doctor of Medicine, Uniformed Services University of the Health Sciences 2013 – 2017  
(USUHS). Bethesda, MD

Bachelor of Science, Biochemistry & Molecular Biology, University of 2009 – 2013  
California, Santa Barbara (UCSB). Goleta, CA

### Academic Appointments

Assistant Professor, Uniformed Services University of the Health Sciences, F. 2022 – Current  
Edward Hébert School of Medicine  
Dept. of Military & Emergency Medicine

### Clinical Positions

Naval Medical Readiness Training Center San Diego, Emergency Medicine 2023 – Current  
Department

Staff Emergency Physician

- 40 bed Emergency Department with ~73,000 annual visits
- Tertiary care facility
- Supervise 1-3 trainees per shift in addition to caring for my own patients
- 56-96 clinical hours per month
- Member of quality assurance team performing peer review and contributing to morbidity and mortality conference case presentations
- Bioskills faculty director overseeing monthly live tissue and cadaveric procedure labs for residents, medical students, and faculty. Procedures include REBOA, cardiac pacing, central venous and arterial access, thoracostomy, and thoracotomy among others
- Medical Education Interest Group faculty lead. Coordinate and facilitate quarterly meetings with senior residents to discuss topics in medical education, focusing on teaching junior learners

Scripps Memorial Hospital Encinitas (CA), Emergency Medicine Department 2023 – Current  
Staff Emergency Physician

- Community hospital with ~60,000 annual visits
- 18-36 clinical hours per month

Amwell Medical Group, Telehealth Urgent Care 2023 – Current

- Telehealth platform
- Perform virtual urgent care visits
- 10-12 clinical hours per month

Naval Hospital Okinawa, Emergency Medicine Department 2021 – 2023  
Staff Emergency Physician

- 15 bed Emergency Department with limited specialty coverage and frequent transfers
- Member of the peer review team completing OPPE/FPPE reviews
- Responsible for APP supervision and EMS direction while on shift

### **Military Service**

1<sup>st</sup> Medical Battalion, 1<sup>st</sup> Marine Logistics Group, Camp Pendleton, CA 2023 – Current  
Emergency Physician

3d Medical Battalion, 3<sup>rd</sup> Marine Logistics Group, Okinawa, Japan 2021 – 2023  
Emergency Physician

Naval Medical Center San Diego 2017 – 2021  
Emergency Medicine Resident Physician

Uniformed Services University of the Health Sciences, Bethesda, MD 2013 – 2017  
Medical Student

### **Institutional Committees & Roles**

III Marine Expeditionary Force, Medical Executive Committee 2022 – 2023

- Education & Training chair. Coordinated lectures and educational material for general medical officers within III MEF

Chief Resident Vivarium & Cadaver Labs, NMCSD EM Residency 2020 – 2021

- Completely revised a 64-page manual covering 25 critical procedures
- Proctored between 4-12 learners, ranging from medical student to peer-residents, twice a month
- Implemented novel procedures into the labs including REBOA and whole blood collection and transfusion

Senior Resident Lead, Sepsis Process Improvement Project, NMCSD Emergency Department (ED) 2020 – 2021

- Efforts saw a significant decrease in time from sepsis recognition to antibiotics and aligned department sepsis care with both Navy and civilian sepsis guidelines
- Recognized as a High Reliability Organization project by the Navy Surgeon General in 2021

## **Board Certification & Licensure**

American Board of Emergency Medicine	2022 – Current
California Medical License	2018 – Current
Florida Telehealth Medical License	2023 – Current

## **Professional Development**

Fellowship, Wilderness Medical Society	2020 – 2023
<ul style="list-style-type: none"><li>• Completed 45 core educational credits, 15 elective credits, and 36 experience credits to achieve fellow status</li><li>• Attended 3 virtual international conferences on wilderness medicine</li></ul>	
American College of Emergency Physicians, Resident Teaching Fellowship	2020 – 2021
<ul style="list-style-type: none"><li>• Virtual due to the COVID-19 pandemic</li><li>• Included small group meetings with key leaders in Emergency Medicine on topics including teaching junior learners, developing curricula, and academic career pathways</li></ul>	
Military Tropical Medicine Course, USUHS, Bethesda, MD	2019
<ul style="list-style-type: none"><li>• Four week didactic and lab course on tropical diseases</li></ul>	
Faculty Development Rotation, USUHS. Bethesda, MD.	2017
<ul style="list-style-type: none"><li>• Four-week rotation with the Family Medicine Department at USUHS</li><li>• Included numerous lectures and meeting with faculty regarding professional development, learning theory, and teaching in medicine</li></ul>	
Fundamentals of Global Health Engagement, USUHS, Bethesda, MD	2014

## **Professional Memberships**

Member, American College of Emergency Physicians	2013 – Current
Fellow, American Academy of Emergency Medicine	2017 – Current (Fellow since 2022)
Fellow, Wilderness Medical Society	2017 – Current (Fellow since 2023)

## **Honors & Awards**

Navy & Marine Corps Commendation Medal	2023
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## Educational Activities

Staff Lead, Medical Education Interest Group, NMCS D EM Residency	2020 – Current
<ul style="list-style-type: none"><li>• Coordinate and facilitate quarterly meetings with senior residents to discuss topics in medical education, focusing on teaching junior learners</li></ul>	
Staff Lead, US Navy Corpsman Role 2 Shock Trauma Platoon Curriculum	2021 – 2023
<ul style="list-style-type: none"><li>• Developed, implemented, and taught a curriculum for US Navy Corpsman serving with 3<sup>rd</sup> Medical Battalion, III Marine Logistic Group, Okinawa, Japan</li><li>• Included 6 hours of didactic and 5 hours of skills based material on damage control resuscitation</li></ul>	
Staff Lead, III Marine Logistics Group, Prolonged Casualty Care Course	2022 – 2023
<ul style="list-style-type: none"><li>• Developed 2 days of skills and didactic material for medical providers serving with III Marine Logistics Group, Okinawa, Japan focused on Prolonged Casualty Care in austere environments</li></ul>	
Senior Resident Lead, Military Unique Curriculum, NMCS D EM Residency	2020 – 2021
<ul style="list-style-type: none"><li>• Revised 12 hours of curriculum for the 2020-2022 academic years to better educate residents on the history, role, and unique aspects of being a uniformed medical officer</li></ul>	
Resident Instructor for Transitional Year Interns at Naval Medical Center San Diego for <i>FAST</i> Ultrasound Exams, Central Line Placement, Airway Management	2018 – 2021
Point of Care Ultrasound Teaching, USUHS	2016 – 2017
<ul style="list-style-type: none"><li>• Instructed first year medical students point of care ultrasound for DVT, central line placement, and <i>FAST</i></li></ul>	
Teaching Assistant, MFP 201 Gunpowder Exercise, USUHS	2017
<ul style="list-style-type: none"><li>• Worked with EM staff instructing and evaluating third year medical students performing ATLS, ACLS, and TCCC in simulated pre-hospital, deployed, and hospital situations</li></ul>	
Teaching Assistant, Underserved Medicine Seminar UCSB	2012-2013
<ul style="list-style-type: none"><li>• Coordinated visits for over 20 guest speakers coming from institutions and NGOs all over the world</li><li>• Participated in office hours and led discussion sessions for roughly 30 hours throughout the course, which had over 120 students enrolled</li></ul>	

## Operational & Humanitarian Experience

Participated the following multinational exercises:

- KMEP 22.3 (JUL 2022)
- Keen Sword 2022

USUHS Capstone Rotation, Makerere University and Mulago Hospitals, Kampala, Uganda 2016

- Spent four weeks working in various departments at Mulago Hospital in Kampala, Uganda
- During the rotation all attending and resident physicians were on strike, therefore I had to take on a leadership role working with the interns who had less training than those in the US
- Taught Basic Life Support skills to interns rotating in the Emergency Department along with bedside teaching
- Spent time working in the pediatric and pediatric malnutrition wards which included bedside teaching
- Gained invaluable experiences in improvised medical care

Summer Operational Experience: Soto Cano AFB, Honduras 2014

- Part of a three-student team sent in 2014
- Participated in a MEDRETE exercise as part of the triage team, seeing over 70 patients personally
- Included several outreach trips to a local clinic to provide supplies and support
- Participated in Medical Unit activities including routine clinic operations under the supervision of an attending Flight Surgeon

### Peer Reviewed Publications

Hildreth AF, Maggio LA, **Iteen A**, Wojahn AL, Cook DA, Battista A. Technology-enhanced simulation in emergency medicine: Updated systematic review and meta-analysis 1991-2021. *AEM Educ Train*. 2023 Mar 14;7(2):e10848. doi: 10.1002/aet2.10848. PMID: 36936085; PMCID: PMC10014971.

Schwarzkoeph BW, Deaton T, **Iteen A**, Bianchi W, Auten J. Pulseless Arrest After Rapid Sequence Intubation of the Massively Hemorrhaged Warfighter: A Case Series. *J Spec Oper Med*. 2022 Spring;22(1):104-107. doi: 10.55460/ANSR-FR0P. PMID: 35278324.

**Iteen A**, Koch EJ, Wojahn A, Gutierrez R, Hildreth A, Rudinsky S, Deaton TG, Zarow GJ. Feasibility of Obtaining Intraosseous and Intravenous Access Using Night Vision Goggle Focusing Adaptors. *J Spec Oper Med*. 2022 Spring;22(1):56-63. doi: 10.55460/WE0Q-YOCA. PMID: 35278315.

**Iteen, A.**, Beall, B. (2021). Abdominal Distention in an Elderly Male . *Visual Journal of Emergency Medicine* , 23; 2021.

**Iteen AJ**, Bianchi W, Sharman T. Pneumomediastinum. In: *StatPearls*. Treasure Island (FL): StatPearls Publishing; 2020.

Casey K, **Iteen A**, Nicolini R, Auten J. COVID-19 pneumonia with hemoptysis: Acute segmental pulmonary emboli associated with novel coronavirus infection

[published online ahead of print, 2020 Apr 8]. Am J Emerg Med. 2020;S0735-6757(20)30239-4. doi:10.1016/j.ajem.2020.04.011

## Online Publications & Book Chapters

**Iteen, Alexander.** “A Case of Severe Malaria in the Emergency Department”. *EM Resident*. October/November 2020. Vol 47. Issue 5. pp. 30-31.

**Iteen, Alexander.** “Lionfish.” *Wilderness Toxicology*, edited by Dac Teoli, Southcrest House, 2019, pp. 190–191.

**Iteen, Alexander.** “Short-Tailed Stingray.” *Wilderness Toxicology*, edited by Dac Teoli, Southcrest House, 2019, pp. 202–203.

**Iteen, Alexander.** “Western Diamondback Rattlesnake.” *Wilderness Toxicology*, edited by Dac Teoli, Southcrest House, 2019, pp. 254–255.

**Iteen, A.** Conklin, K. (2018) Arthrocentesis. In W. Johnson & D. Teoli (Eds.), *CEMRO Essentials: Procedure Quick Guide for Emergency Medicine Residents*. Los Angeles, CA: Southcrest House.

Conklin, K. **Iteen, A.** (2018) Lumbar Puncture. In W. Johnson & D. Teoli (Eds.), *CEMRO Essentials: Procedure Quick Guide for Emergency Medicine Residents*. Los Angeles, CA: Southcrest House.

**Iteen, A.** Goldenberg, W. “*Pediatric Malaria*”. In *PEPID Pediatric Emergency Medicine*, Post (TW) Ed. 2017.

## Posters & Oral Presentations

**Iteen, Alexander,** et al. “Pre-Intubation Shock Index & Post-Intubation Hypotension Among Severely Injured Combat Trauma Patients” Poster Presentation at the American Academy of Emergency Medicine Scientific Assembly, St. Louis, 2021.

**Iteen, Alexander,** et al. “Pre-Intubation Shock Index & Post-Intubation Hypotension Among Patients with Severe Combat Injuries” Oral Presentation at the Academic Research Competition, Naval Medical Center San Diego, 2021.

**Iteen Alexander.** “Malaria in the ED”. Oral Presentation at the Joint Services Symposium on Emergency Medicine. Presented Virtually, 2020.

Schwarzkopf B, Emerling A, **Iteen A,** et al. “Pulsesless Arrest After Rapid Sequence Intubation in 7 Severely Injured Combat Trauma Victims”. Poster at the Joint Services Symposium on Emergency Medicine. Presented Virtually, 2020

Casey, K., ..., **Iteen, A.** “Implementation of a Code Sepsis Protocol at a Military Treatment Facility Emergency Department.” Poster, Continuous Process Improvement Virtual Fair at Naval Medical Center San Diego; San Diego, CA, 2020

Poppe, M. **Iteen, A.** “Twist & Shout: Gallbladder Torsion Presenting as Chest Pain”. Poster Presented at Government Services Chapter of American College of Emergency Physicians Symposium 2018 in Lake Tahoe, CA.

**Iteen, A.** Nguyen, D. Kurzweil, D. Marcellas, K. (May, 2017) “*The Qualities That Matter – Understanding the Medical Student Perspective of Residents as Teachers*”. Poster Presented at USU Research Days (Bethesda, MD).

**Iteen, A.** Miller, R. Stewart, A. (2017, May) “*Validation of a qPCR Assay for Detecting Plasmodium Vivax*”. Poster Presented at USU Research Days (Bethesda, MD)

**Iteen, A.** Fygenon, D. (2012, May) “*Seeded Growth of DNA Nanotubes*”. Poster presented at the Undergraduate Research Symposium at UCSB (Goleta, CA).

**Iteen, A.** Fygenon, D. (2011 September) “*Increasing the Length Distribution of DNA Nanotubes via Heterogenous Self Assembly*” Presentation at the Southern California Conference on Undergraduate Research at Claremont College (Claremont, CA)

## **Grand Rounds & Resident Conference Presentations**

Lectures Given to NMCS D Emergency Medicine Residents & Rotating Medical Students

- The Physiologically Difficult Airway
- Pelvic & GU Trauma
- Damage Control Resuscitation
- Nausea & Vomiting in the Emergency Department
- Acute Heart Failure

Grand Rounds Lecture at NMCS D ED Conference 2021: Surf Zone Injuries