

DANIEL J. MIGLIACCIO, MD

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Revised: April 20th, 2023

Education

2014-2017	Emergency Medicine Residency Stanford University/Kaiser Permanente Stanford, CA
2010-2014	Stony Brook University School of Medicine Stony Brook, NY Medical Doctor
2004-2008	Adelphi University Garden City, N.Y Bachelor of Science, Exercise Science, Summa Cum Laude

Professional Experience

2022-current	Focused Practice Designation (FPD) in Advanced Emergency Ultrasonography (AEMUS) Board Certified in Advanced Emergency Medicine Sonography through the American Board of Emergency Medicine
2022-current	Ultrasound Division Director Department of Emergency Medicine University of North Carolina School of Medicine Chapel Hill, NC
2019-current	Ultrasound Fellowship Director Department of Emergency Medicine University of North Carolina School of Medicine Chapel Hill, NC
2017-current	Ultrasound Education Leader Department of Emergency Medicine University of North Carolina School of Medicine Chapel Hill, NC
2017-current	Clinical Assistant Professor Department of Emergency Medicine University of North Carolina School of Medicine Chapel Hill, NC
2016-2017	Resident Director, Undergraduate Medical Education Department of Emergency Medicine Stanford University Stanford, CA

2. **Cutaneous Disorders.** Migliaccio, Daniel. EM Coach Emergency Medicine Board Review Textbook. June 2018. **Editor: Andrew Phillips**
3. **Head, Ear, Eye, Nose and Throat Disorders.** Migliaccio, Daniel. EM Coach Emergency Medicine Board Review Textbook. June 2018. **Editor: Andrew Phillips**
4. **Environmental Disorders.** Migliaccio, Daniel. EM Coach Emergency Medicine Board Review Textbook. June 2018. **Editor: Andrew Phillips**

B. In Press Submitted Book Chapters

1. **POCUS Power: The Multidisciplinary Point-of-Care Ultrasound Compendium. Aortic Emergencies on POCUS.** Hoppens, M. Migliaccio, D. **Published by:** Oxford House
2. **Lightning Injuries.** Migliaccio, Daniel. Zafren, Ken. *Mountain Emergency Medicine. Textbook for Healthcare Professionals.* Endorsed by the International Commission for Mountain Emergency Medicine ICAR MEDCOM **Editors:** Hermann Brugger (IT), Luigi Festi (IT), John Ellerton (UK), Peter Paal (AT), Giacomo Strapazzon (IT), Ken Zafren (US) **Published by:** Edra (LSWR Group), Milan, Italy

C. Refereed Papers/Articles

1. **Identifying and Treating Pediatric Ocular Trauma.** Sasine, E. Migliaccio, D. *Pediatric Emergency Medicine Reports 28 (1).* January 2023
2. **Pediatric Cervical Spine Injuries.** Hallmark, J, Robinson, D., Migliaccio, D. *Pediatric Emergency Medicine Reports 27 (8).* August 2022
3. **Identifying and Managing MIS-C (Multi-system Inflammatory Syndrome in Children with COVID).** Allen, A. Migliaccio, D. *Pediatric Emergency Medicine Reports 27(4).* April 2022
4. **Diagnosing and Managing Pediatric Foreign Body Ingestions Part 2.** Gerds, E., Migliaccio, D. *Pediatric Emergency Medicine Reports 27(3).* March 2022
5. **Diagnosing and Managing Pediatric Foreign Body Ingestions Part 1.** Gerds, E., Migliaccio, D. *Pediatric Emergency Medicine Reports 27(2).* February 2022
6. **A Critical Review of Potentially Deadly Pediatric Ingestions.** Deery, C. Yen, M. Migliaccio, D. *Pediatric Emergency Medicine Reports 27(11).* January 2022
7. **Pediatric Mental Health in the Emergency Department.** Allen, A. Migliaccio, D. *Pediatric Emergency Medicine Reports 26(11).* November 2021
8. **Pediatric Facial Lacerations.** Wieland, T., Migliaccio, D. *Pediatric Emergency Medicine Reports 26(10).* October 2021
9. **Throat Infections Part II: Deadly, Must Not Miss, Pediatric Throat Infections.** Migliaccio, D. *Pediatric Emergency Medicine Reports 26(8).* August 2021
10. **Throat Infections Part I: Low Acuity Disease Entities.** Migliaccio, D. *Pediatric Emergency Medicine Reports 26(7).* July 2021

11. **Pediatric Drowning.** Migliaccio, D. *Trauma Reports* 22(2). March 2021
12. **Pediatric Bony Knee Injuries.** Merica, J., Migliaccio, D. *Pediatric Emergency Medicine Reports* 26(1). January 2021
13. **Teen Pregnancy and Associated Complications Part1.** Massimo, L., Migliaccio, D. *Pediatric Emergency Medicine Reports* 25(9). September 2020
14. **Teen Pregnancy and Associated Complications Part 2.** Massimo, L., Migliaccio, D. *Pediatric Emergency Medicine Reports* 25(10). October 2020
15. **Asthma in Pediatrics.** Modi, J., Migliaccio, D. *Pediatric Emergency Medicine Reports* 25(7). July 2020
16. **Positive FAST in Acute Retroperitoneal Bleed.** Myers, J., Migliaccio, D. (March 2019). *Visual Journal of Emergency Medicine*, 15 (2019) 100575
17. **Bedside Cardiothoracic Ultrasound in Pediatric Emergency Medicine, Part 2.** Stenberg, R., Migliaccio, D. *Pediatric Emergency Medicine Reports*. Dec 2018
18. **Bedside Cardiothoracic Ultrasound in Pediatric Emergency Medicine, Part 1.** Stenberg, R., Migliaccio, D. *Pediatric Emergency Medicine Reports*. November 2018
19. **High Risk Chest Pain Course,** Relias. Contributing Author, Case on Aortic Emergencies. Nov 2018
20. **High Risk Abdominal Pain Course,** Relias, Contributing Author, Cases on perforated viscus, biliary pathology, ectopic pregnancy, appendicitis, pancreatitis. Jan 2019
21. **Accuracy of Estimated Creatinine in Multi-stage Ultramarathon Runners.** Lipman, G., Migliaccio, D. *Wilderness and Environmental Medicine*.
22. **Pediatric Abdominal Bedside Ultrasound, A Comprehensive Guide to Making the Diagnosis, Part 2.** Fender, K., Migliaccio, D. *Pediatric Emergency Medicine Reports*, 23(7). July 2018
23. **Pediatric Abdominal Bedside Ultrasound, A Comprehensive Guide to Making the Diagnosis, Part 1.** Fender, K., Migliaccio, D. *Pediatric Emergency Medicine Reports*, 23(8). Aug 2018
24. **Life is no longer linear, life as a Young Physician.** Migliaccio, (2018). Published in AAEM Common Sense Newsletter July/August 2018.
25. **A 54-year-old male with abdominal pain secondary to superior mesenteric artery dissection.** Teeter, W., Migliaccio, D. Stahmer, S. *Visual Journal of Emergency Medicine*, 11 (2018) 62-63
26. **A 61-year-old male with undifferentiated hypotension (IVC mass).** Palomba, K., Migliaccio, D. (Oct 2017). *Visual Journal of Emergency Medicine*, 11 (2018) 36-37
27. **A 64-year-old woman with eye pain and blurred vision (endophthalmitis).** Williamson, M., Migliaccio, D. (Oct 2017). *Visual Journal of Emergency Medicine*, 11 (2018) 10-11
28. **A 44-year-old male with cardiac amyloidosis.** Saleeby, J., Migliaccio, D. (Oct 2017). *Visual Journal of Emergency Medicine*, 11 (2018) 16-17

29. **American Academy of Emergency Medicine Peer Wise ABEM Board Review Questions.** Author, November 2017.
30. **Prevention of Emergency Physician Burnout with Exercise and Nutrition.** Migliaccio, (2017). Published in AAEM Common Sense Newsletter November/December 2017.
31. **Knowledge of an Avalanche Victim Resuscitation Checklist and Utility of an Instructional Course in Italy.** Strapazzon, G., Migliaccio, D., Fontana, D., Stawinoga, A.E., Milani, M., Brugger, H (Oct 2018). *Wilderness Environ Med.* 2017 Oct 23. pii: S1080-6032(17)30242-9. doi: 10.1016/j.wem.2017.08.007.
32. **A Posterior Circulation Stroke Presenting with Isolated Truncal Ataxia.** Migliaccio, D., Lindquist, B (Sept 2018). *Cureus* 9(9): e1709. doi:10.7759/cureus.1709
33. **Gastric perforation causing severe epigastric pain.** Migliaccio, D., Anderson, K. (October 2017). *Visual Journal of Emergency Medicine*, 9 (2017) 65-66
34. **An 82 Year Old Female with Cecal Volvulus.** Migliaccio, D., Lobo, V. (August 2017). *Visual Journal of Emergency Medicine*, 9 (2017) 53-54
35. **A 33 Year Old Female with Abdominal Distention (Ovarian Hyperstimulation).** Migliaccio, D., Lobo, V. (July 2017). *Visual Journal of Emergency Medicine*, 9 (2017) 45-46
36. **A 47 Year Old Female with Acute Worsening of Subacute Abdominal Pain (Cavernous hemangioma)** Migliaccio, D., Newberry, J. (2017). *Visual Journal of Emergency Medicine*, 8 (2017) 25-26
37. **A 39 Year Old Female with Suprapubic Pain (Emphysematous Cystitis)** Migliaccio, D., Lobo, V (2017). *Visual Journal of Emergency Medicine*, 7 (2017) 52
38. **A 61 Year Old Male With Right Eye Pain (Retrobulbar lymphoma)** Migliaccio, D., Lobo, V (2017). *Visual Journal of Emergency Medicine*, 6 (2017) 78-79
39. **Common Pediatric Upper Extremity Overuse Injuries.** Migliaccio, D., & Wang, N. E. (2017). *Pediatric Emergency Medicine Reports*, 22(1).
40. **Accuracy of Acute Kidney Measurements in Multistage Ultramarathon Runners.** Little, C., Lipman, G. Migliaccio, D., Young, D., Krabak, B. *Wilderness Environ Med.* 2016 September (Vol 27, Issue 3, Page 433.
41. **A 16 Year Old Female With Skin Redness (Pustalsis).** Migliaccio, D., Lobo, V (2016). *Visual Journal of Emergency Medicine*, 4C (2016) 15-16
42. **Case of a Red, Swollen Neck (Ludwig).** Migliaccio, D., Sivasankar, S. Diagnose on Sight: Case of a red, swollen neck. *Academic Life in Emergency Medicine.* August 17th, 2016
43. **Bronchiolitis** Migliaccio, D., Imler, D., & Wang, N. E. (2015). *Pediatric Emergency Medicine Reports*, 20(5).
44. **The Effects of Heat and Active Stretch on Subjects Performing the Wingate Power Test:828.** Perez, H. Migliaccio, D. (2015) *Medicine and Science in Sports and Exercise*, 46 (5S):227

45. **Glenohumeral and Scapulothoracic Torque Components in the Over Arm Throwing Athlete and Their Relationship to the Total Arc:**1764. Perez, H. Migliaccio, D. (2010) *Medicine and Science in Sports and Exercise*, 42 (5)
46. **Glenohumeral Internal Rotation Deficiency in the Over Arm Throwing Athlete:**2136. Perez, H. Migliaccio, D. (2009) *Medicine and Science in Sports and Exercise*, 41 (1)

D. In Press/Submitted Articles/Papers

1. **Pediatric Urinary Tract Infection.** Fenton, V., Gerdt, E., Migliaccio, D. *Pediatric Emergency Medicine Reports*
2. **Pediatric Hematological and Oncological Emergencies.** Munoz, T., Migliaccio, D. *Pediatric Emergency Medicine Reports*
3. **Pediatric Respiratory Infections.** Gerdt, E., Migliaccio, D. *Pediatric Emergency Medicine Reports*

II. Abstracts/National Poster Presentations

1. **Fellows Pre-Conference Session Lead, Various topics on POCUS Administration**
 - Society of Clinical Ultrasound Fellowships Conference September 2021.
2. **Year two review: student-guided implementation of ultrasound education for pre-clinical medical students at a large medical school**
 - World Congress on Ultrasound in Medical Education. September 2018.
3. **Utility of an Avalanche Checklist Instructional Course on knowledge acquisition**
 - AAEM Academic Assembly, Young Physician Section Research Poster Presentation, April, 2018
2. **Wow, that is a gigantic right heart? (case of massive pulmonary embolism).**
 - AAEM Academic Assembly, Young Physician Section Research Poster Presentation, April, 2018
3. **A 24 year old female with a snake bite.**
 - AAEM Academic Assembly, Clinical Picture Poster Presentation, April, 2018
4. **A 45 year old female who presents with cardiac tamponade secondary to an aortic dissection.**
 - AAEM Academic Assembly, Clinical Picture Poster Presentation, April, 2018
5. **A 61-year-old male with undifferentiated hypotension (IVC mass).**
 - AAEM Academic Assembly, Clinical Picture Poster Presentation, April, 2018
6. **Accuracy of Acute Kidney Injury Measurements in Multi-stage Ultramarathon Runners.**
 - World Congress of Wilderness Medicine, Telluride, CO, August 1-4, 2016.
 - SAEM Annual Conference May 10, 2017.
 - WRSAEM Annual Conference April 1-2, 2016
7. **Teaching Residents How to Provide Feedback**
 - Stanford Innovations in Medical Education Conference May 28th, 2016
 - WRSAEM Annual Conference April 1-2, 2016
8. **The Effect of Warm and Cold Immersion on Anaerobic Test Performance**
 - American College of Sports Medicine 62nd Annual Meeting in San Diego, California May 2015

Teaching Activities

Regional Oral Presentations

- 2023 The Utilization of Point of Care Ultrasound in Resuscitation. Tar Heel Boot Camp, Hosted by Wake Area Health Education Center (WakeAHEC) on April 14th, 2023 to over 100 critical care practitioners
- 2023 POCUS, the Past, Present and Future. Grand Rounds for the Regional Sonogames with UNC Southeastern Regional and Cape Fear Valley Residency Programs. February 1st, 2023.
- 2022 Thoracic Ultrasound. Cape Fear Valley Emergency Department. Fayetteville, NC on August 17th, 2022.
- 2022 Resuscitative Ultrasound. Cape Fear Valley Emergency Department. Fayetteville, NC on July 8th, 2022.
- 2020 Imaging Shadows. Point of Care Ultrasound in Lung Pathology. Grand rounds for Arrowhead Regional Medical Center Emergency Medicine Residency. Colton, California. November 11th, 2020.

National Oral Presentations

- 2022 Creation of POCUS Simulation Models. Society of Clinical Ultrasound Fellowships National Conference on September 13th, 2022
- 2021 POCUS Advanced Course. Thoracic Ultrasound, Procedural Ultrasound, Resuscitation Ultrasound, DVT Ultrasound, Ocular Ultrasound, Vascular Ultrasound, Trauma Ultrasound. MSK Ultrasound. Third Rock Ultrasound. Columbia, SC.
- 2020 Head and Neck Point of Care Ultrasound. Multi-residency program remote POCUS Elective
- 2020 Vaping Associated Lung Injury (VALI). Webinar on VALI. Relias Media Instructional Webinars
- 2020 What the Headache. Webinar on Migraine Headaches. Relias Media Instructional Webinars
- 2019 POCUS Advanced Course. Thoracic Ultrasound, Procedural Ultrasound, Resuscitation Ultrasound, DVT Ultrasound, Trauma Ultrasound. MSK Ultrasound. Third Rock Ultrasound. Charleston, SC.
- 2019 POCUS Advanced Course. Thoracic Ultrasound, Procedural Ultrasound, Resuscitation Ultrasound, DVT Ultrasound, Trauma Ultrasound. MSK Ultrasound. Third Rock Ultrasound. Columbia, SC.
- 2018 Ultrasound Education through Social Media. World Congress on Ultrasound in Medical Education.

- 2018 Bedside Emergency Cardiac Ultrasonography. *Costal Emergency Medicine Conference*
- 2018 Moving Ahead and How to Get Involved on a National Level for Residents, *Council of Emergency Department Residency Directors (CORD) Academic Assembly*
- 2018 Obstetrics and Gynecology. Migliaccio, Daniel. EM Coach Emergency Medicine Board Review Course
- 2018 Cutaneous Disorders. Migliaccio, Daniel. EM Coach Emergency Medicine Board Review Course
- 2018 Head, Ear, Eye, Nose and Throat Disorders. Migliaccio, Daniel. EM Coach Emergency Medicine Board Review Course
- 2018 Environmental Disorders. Migliaccio, Daniel. EM Coach Emergency Medicine Board Review Course
- 2017 Residents as Teachers, *Stanford Medicine X, Education, 2017*, the future of patient centered medical education, Stanford CA
- 2017 How to Talk Like Ted, *American Academy of Emergency Medicine (AAEM) 23rd Annual Scientific Assembly*, Orlando, FL

International Oral Presentations

- 2020 University of Torino Medical School, Italy. The Covid-19 Experience and POCUS. Presented to the medical students and faculty in the medical school of Turin
- 2016 International Academy of Emergency Medicine: Implementations for International Cooperation on Research and Educational Programs. Presented to the 7th annual *GREAT (Global Research on Acute Conditions Team) Network Conference with MEMC (Mediterranean Emergency Medicine Congress)* in Rome, September 2016

Medical Student Education

Course Director

2017-2019

Assistant Lead, UNC SOM Ultrasound Elective
Provide lectures and didactics to students in the elective

Course Faculty

2019-current

Instructor, Ultrasound Medical School Course
Provide routine didactic and hands on ultrasound education to students in the UNC School of Medicine

Medical Student Lectures

2021	Cardiac Ultrasound
2020	FAST and Cardiac Ultrasound
2019	Transition to Residency, Bedside Ultrasound Fundamentals Workshop
2018	Are you ready to (Sono)Game?, UNC SOM POCUS elective
2018	Environmental Medicine, UNC SOM Emergency Medicine Interest Group
2018	What is in your belly and eye? Abdominal and ocular ultrasound, UNC SOM POCUS Elective
2018	Introduction to FAST, GI and GU Bedside Ultrasound, UNC SOM POCUS Elective
2018	Introduction to Thoracic Bedside Ultrasound, UNC SOM POCUS Elective
2017	Introduction to Cardiac Bedside Ultrasound, UNC SOM POCUS Elective
2017	Introduction to Ultrasound and Knobology, UNC SOM POCUS Elective

Resident and Fellow Education

Leadership 2019-current	Ultrasound Fellowship Director , Department of Emergency Medicine Created program and Gained EUFAC Accreditation in 2021
2018-current	Core Faculty , UNC Emergency Medicine Residency Provide instruction, mentorship and leadership to the Emergency residents. Lead ultrasound educational endeavors (lectures, workshops and hands on sessions) for the UNC Emergency Department
Advisor 2022-2023	Ultrasound Fellow, William Roper, MD Coached for multiple faculty, residency, national lectures and didactic hands-on events. Guided research projects on ultrasound in medical education and regional anesthesia
2022	POCUS Guided Regional Anesthesia, Hip Fracture Protocol, Faculty Instructor
2021-2022	Ultrasound Fellow, Mark Hoppens, MD Coached for multiple faculty, residency and medical student lectures and didactic hands on events. Guided research projects on ultrasound in medical education and regional anesthesia
2018-2023	UNC Sonogames Faculty Director, internal UNC Emergency Medicine Sonogames as well as national UNC Emergency Medicine POCUS team coach for sonogames
2016-2017	Resident Co-Director, Emergency Medicine Interest Group Department of Emergency Medicine Stanford University

UNC Emergency Medicine Residency Lectures

2022	POCUS in HEENT evaluation (lecture and hands on didactics)
2022	POCUS Guided Lumbar Puncture
2022	POCUS Guided Anesthesia for Hip Fractures
2022	Advanced Cardiac Ultrasound
2021	Everything you need to know to master cardiac bedside echo
2021	POCUS Guided Resuscitation
2021	Point of Care Ultrasound Orientation Emergency Medicine
2021	Nerve Block and MSK Ultrasound Hands on Course Faculty Facilitator
2021	Regional Anesthesia, MSK Ultrasound
2021	Beyond the FAST exam, Trauma Ultrasound
2020	Lung Ultrasound, COVID and beyond
2020	Head and Neck Ultrasound
2020	Cardiac Point of Care Ultrasound
2020	Thoracic Ultrasound
2020	Vaping lung injury
2019	Ultrasound in soft tissue infections
2019	Point of Care Ultrasound Orientation Emergency Medicine
2018	HEENT Ultrasound
2018	Thoracic Ultrasound
2018	Cardiac Ultrasound, Advanced
2018	Beyond Burnout
2018	Ultrasound in resuscitation
2018	EM Updates for the Past Year
2018	You want to do what to my eyeball? HEENT Ultrasound
2018	Facing the inevitable (cricothyrotomy)
2018	Bedside Thoracic Ultrasound
2017	Clinical-Pathologic Correlation Conference, Faculty Discussant
2017	Worse Case Scenario, OBGYN Emergencies, Ovarian Hyperstimulation
2017	RUSH Ultrasound Presentation

Faculty Education

2023	POCUS lectures and didactics with faculty members aiming to obtain credentialing
2022	POCUS Basics 101 for faculty aiming to obtain credentialing
2022	Ultrasound protocols in shock and trauma
2022	POCUS Guided Anesthesia for Hip Fractures
2021	Cardiac Ultrasound
2021	POCUS in Regional Anesthesia
2021	POCUS in pulmonary embolism
2020	Current Updates in POCUS of PE
2020	Current Updates in POCUS of Aortic Dissection

Other Learners

2023	Developed and implemented a didactic and practical resuscitative ultrasound course for critical care practitioners. Wake Area Health Education Center
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2022	Ultrasound in the critical patient. UNC Tar Heel Bootcamp, UNC Critical Care Advanced Practice Practitioner
2022	POCUS Guided Anesthesia for Hip Fractures, UNC Emergency Medicine Advanced Practice Practitioners
2018	Aorta Ultrasound, UNC Emergency Medicine Advanced Practice Practitioners
2018	FAST Ultrasound, UNC Emergency Medicine Advanced Practice Practitioners

Stanford University School of Medicine Presentations for Residents, Faculty and Medical Students

2017	Ultrasound SIM Case Creator, Ultrafest at Stanford Created cases for ultrasound conference through the western regional SAEM Stanford, CA
2017	Morbidity and Mortality Conference, Diabetic Ketoacidosis
2017	Trauma Case Presentation: Management of GSWs
2016	Stanford Faculty Development Center, Teaching Workshop
2016	Promoting Mindfulness Seminar Series, in collaboration with the Dean of GME at Stanford University
2016	National Youth Leadership Forum, Wilderness Emergency Medicine.
2016	Stanford Clinical Summer Internship, Burns
2016	Trauma Case Presentation: Management of Burns
2015, 2016	Emergency Medicine Interest Group, in-flight emergencies
2015	Emergency Dermatology
2015	Escape/Extend/MR CLEAN Review
2015	Chest Tubes Q/A
2015, 2016	Flipped Classroom, Chest pain
2015, 2016	Practice of Medicine Workshop – focus on Bedside Ultrasound
2014	Cardiac and Respiratory Emergencies
2014	Eye Emergencies

Grants

- CHER Research Summer Program (CRSP) Grant, \$5000. Funding provided to Donohue, S (Medical Student) to support medical student research/scholarly activity during Summer 2018 (May-August, 2018). Stop the Bleed. Closing knowledge gaps for hemorrhage control in the community. Role: Faculty Mentor and co-PI

Professional Service to Discipline of Emergency Medicine

National Committees

2020-current	Faculty advisor , Society of Clinical Ultrasound Fellowships (SCUF) Fellowship Pre-session Development Session
2020- current	Member , American Academy of Emergency Medicine (AAEM) Point of Care Ultrasound Section
2019-current	Member , Society of Clinical Ultrasound Fellowships (SCUF)
2018-2021	Vice President , Young Physician Section of American Academy of Emergency Medicine (AAEM)
2017-2018	At-Large Board Member , Young Physician Section of American Academy of Emergency Medicine (AAEM)
2017-2021	Communications/Social Media Chair , American Academy of Emergency Medicine (AAEM) YPS.

2016-2017 **Member**, Resident Committee, Council of Emergency Medicine Residency Directors. (CORD)

Editorial Appointments

2019-current **Editorial Board Member**, *Pediatric Emergency Medicine Reports*

2018-current **Subject Matter Expert**, ultrasound, stroke, resuscitation, Relias Publishing

2017-2022 **Review Editor**, Visual Journal of Emergency Medicine

2022 **Reviewer**, Wilderness and Environmental Medicine

2017 **Video Reviewer**, AAEM Board Review Course

2016 **Expert Abstract Peer Reviewer**, Society for Academic Emergency Medicine annual conference 2016 (SAEM16)

Professional Service to University of North Carolina, Chapel Hill

2022-2023 **Member**, Chair Advisory Committee

2022-current **Leader**, Ultrasound Credentialing for Faculty

2022 **Leader**, Introduction to Ultrasound Workshop for Emergency Interns

2021 **Leader**, Introduction to Ultrasound Workshop for Emergency Interns

2020 **Leader**, Introduction to Ultrasound Workshop for Emergency Interns

2019 **Leader**, Introduction to Ultrasound Workshop for Emergency Interns

2018-current **Head**, APP Ultrasound Education, including introduction to Ultrasound workshop

2018 **Member**, UNC SOM LCME (Liaison Committee on Medical Education) Accreditation Committee, Educational Program and Evaluation

2017-2019 **Member**, Ultrasound curriculum implementation group, UNC SOM.

2020-current **Member**, Multi-disciplinary Point of Care Ultrasound Group, UNC Hospital System

2018-current **Head**, Ultrasound Education

2018, 2019, 2020, 2021, 2022 **Resident Conference Module Co-Director**, Resuscitation

2017-2019 **Assistant Director**, UNC SOM Ultrasound Elective Course

2017-current **Coach**, SAEM UNC SonoGames team

2018-2020 **Champion**, Femoral nerve block protocol.

2017-2019 **Member**, Medical School Ultrasound Curriculum Development Committee

2017-current **Member**, Education Committee

2017-current **Member**, Wellness Committee

2017-current **Member**, Publicity/Social Media Committee

Research Statement

At the core of my research is medical education and point of care ultrasound. From my first exposures to academic emergency medicine, I was drawn to medical education. My earliest research involved exercise physiology and research with below knee amputee athletes at Adelphi University. As I transitioned into medicine, I began partaking in research evaluating student wellness while I worked as a graduate assistant in the Adelphi University Wellness Center.

During my residency, I was fortunate enough to have been given the opportunity to participate in the Clinical Honors course in medical education. During this course, I learned the intricacies of research in medical education from field experts. I was able to conduct a small-scale research project on resident feedback. In addition, I explored my interests in wilderness and sports science with conducting research on the kidney function assessment in ultra marathoners. I worked internationally with one of the world's most renowned mountain emergency medicine groups based out of Bolzano, Italy to conduct educational research on the utility of an avalanche checklist on knowledge acquisition of first responders. While at Stanford, I also developed a passion for point of care ultrasound. This led to my first project within ultrasound, which evaluated the internal jugular vein in comparison to the inferior vena cava to determine a patient's volume status.

Since joining the Department of Emergency Medicine at UNC, I have been able to further expand upon my interests of medical education and ultrasound. This past year was quite successful as I was able to create and implement a point of care ultrasound fellowship. As a pillar of the ultrasound fellowship, I aspire to cultivate a culture of high quality research with a focus on ultrasound and medical education as well as optimizing patient care. Studies underway include the utilization of nerve blocks for pain control in patients with femoral fractures and lower extremity injuries, as well as research being conducted on the success of a novel approach to ultrasound education curriculum for emergency residents.

My teaching career began long before I started a journey in medicine. From the time I taught children from underrepresented communities in New York City with the City Parks Foundation, I knew that teaching was at my core. I continued along this path to teach wellness and activeness while I pursued a bachelors in exercise science. I grew up watching my older brother, a “phys-ed” teacher in the inner city of the Bronx, and his impact on his students to better their lives and give them unique opportunities they may have never had. As I continued to learn, I knew I wanted to be able to provide health care and educate patients and students who faced inequities in obtaining health care.

Since my early exposures to academic medicine, it has been a goal of mine to become a leader in medical education. My passion for medical education was initially cultivated when I was fortunate enough to obtain an Honors Certificate in Medical Education from the Clinical Teaching Scholars Program through the Stanford School of Medicine. From the experience I gained through that program, I was selected to be the Resident Director of Undergraduate Medical Education. This provided me invaluable insights into the intricacies of medical education as I participated in curricular development and medical student assessment and evaluation. Specifically, I helped develop and implement a longitudinal ultrasound curriculum. Upon completion of my term I was awarded the “Academic Achievement Award” as well as “Outstanding Achievement in Ultrasound Certificate” from Stanford.

Currently, I serve as Core Faculty for the UNC Emergency Medicine Residency. During my time at UNC, I have led the point-of-care ultrasound elective in the School of Medicine with Dr. Gilcrest and have facilitated lectures/small group ultrasound learning on a monthly basis. I have also directed the transition to residency ultrasound course for medical students matching into emergency medicine and been involved in the UNC SOM LCME accreditation committee. Additionally, I served on the longitudinal ultrasound curriculum implementation group. In recognition for my dedication to mentoring learners, I have received the Socrates Award for outstanding didactic and clinical teaching in EM, the Most Valuable Attending Award for continued outstanding teaching in EM and the Junior Faculty Award from the Academy of Educators. Most recently, I have been fortunate enough to be selected as the Point of Care

Ultrasound Fellowship Director for the Department of Emergency Medicine. In this position, I have been able to obtain national accreditation for our ultrasound program. Ultimately, my goals are to make sure I am in line with the academic mission set forth by our Department as well as the University of North Carolina School of Medicine.

From my experience as an Italian baseball player in my former life, my philosophy of teaching is grounded in coaching. In that role, I strive to create a positive, inclusive learning environment for students and trainees in an effort to foster a passion for continuous, life-long learning. I particularly love to explore the latest educational trends and best practices, and I pride myself on staying up-to-date on the latest literature in medical education. I believe my background and experience in medical education will continue to add value to the medical school and I am thrilled at the opportunity to continue to promote the University of North Carolina's academic mission.