

Laleh Gharahbaghian, MD, FACEP, FAAEM
Curriculum Vitae

Office Address

900 Welch Rd, Suite 350
Palo Alto, CA 94304
Email: lalehg@stanford.edu

ACADEMIC APPOINTMENTS

7/2019 – present **Clinical Professor**, Department of Emergency Medicine (EM), Stanford School of Medicine (SoM)
7/12014 – 6/30/2019 **Clinical Associate Professor**, Department of EM, Stanford SoM
7/1/2011 - 6/30/2014 **Clinical Assistant Professor**, EM Division, Department of Surgery, SoM
7/1/2008 – 6/30/2011 **Clinical Instructor**, EM Division, Department of Surgery, SoM
7/1/2007 - 6/30/2008 **Emergency Ultrasound Fellow**, EM Division, Department of Surgery, SoM
7/2006 - 6/2007 **Chief Resident**, EM Residency Program, UC Irvine Medical Center (UCIMC)

ADMINISTRATIVE LEADERSHIP / PROFESSIONAL APPOINTMENTS

1/2022 – present **Director, Process Improvement**, Adult EM, Department of EM, SHC
2/2020 – present **Patient Advocacy Reporting System Messenger**, Stanford HealthCare (SHC)
7/2019 – present **Member, Committee on Faculty Professionalism**, SHC
7/2017 – present **SHC Physician Improvement Leader (PIL)**,
Improvement Capability Development Program (ICDP), Department of EM
7/2017 – 1/2022 **Medical Director**, Adult EM, Department of EM, SHC
7/2016 – 1/2022 **EM Patient Safety Champion**, Department of EM, SHC
5/2016 – present **Co-Trauma Surgery Liaison**, Department of EM, SHC
4/2016 – present **Co-Chair**, Case Review Committee (formerly Professional Practice Evaluation
Committee), Department of EM, SHC
1/2016 – 7/2017 **Assistant Medical Director, Adult EM/Emergency Imaging**, Department of
EM, SHC
1/2016 – 4/2016 **Interim Chief of Quality**, Department of EM, SoM
7/2013 – 3/2017 **Director**, EM Ultrasound (US) Fellowship, EM Division, Department of Surgery
7/2011 – 7/2017 **Director**, EM US Program, Department of EM, SoM
7/2008 - 7/2013 **Co-Director**, EM US Fellowship, EM Division, Department of Surgery, SoM
7/2008 - 7/2011 **Associate Director**, EM US Program, EM Division, Department of Surgery

ACADEMIC EDUCATION

7/2007 - 7/2008 **Fellowship**, EM US, EM Division, Department of Surgery, SoM
7/2004 - 6/2007 **Resident Physician**, Department of EM, UCIMC; Resident of the Year Award
9/2000 - 6/2004 **University of California, Irvine- School of Medicine (UCI-SOM)**, HONORS
8/1997 - 6/1999 **San Diego State University (SDSU)**, San Diego, CA
Post-baccalaureate Pre-Medical Program
9/1994 - 9/1996 **University of California, San Diego (UCSD)** DEGREE: Bachelor of Arts, 1996
HONORS: *cum laude* MAJOR: Psychology MINOR: Biology

EXAMINATIONS

USMLE STEP 1 (2001); STEP 2 (2004); STEP 3 (2005): pass

LICENSURE

Medical Board of California license#: A94604 / DEA#: per request

BOARD CERTIFICATION

American Board of Emergency Medicine 12/2008 – 12/2028

RESEARCH EXPERIENCE

- 6/2020 – 2021 **Co-Investigator**, Principal Investigator (PI): Dr. Michael Gardner (Ortho)
Orthopedic emergencies in COVID times
- 1/2018 – 2019 **Co-Investigator**, PI: Dr. Moon Lee
Implicit Bias with Press Ganey Scores in the Emergency Department
- 11/2016 – 7/2017 **Co-Investigator**, PI: Dr. Sara Crager
Evaluation of emergency nurses' ability to perform a bedside cardiac echo, IVC and thoracic ultrasound for fluid management
- 4/2016 – 4/2017 **Co-Investigator**, Principal Investigator (PI) I: Dr. Viveta Lobo
Evaluation of gamification in EM intern US workshop on US knowledge
- 4/2015 – 1/2016 **Co-Investigator**, PI: Dr. Viveta Lobo
Validation of RADiUS protocol on the dyspneic patient compared to Chest Xray
- 3/2015 – 7/2016 **Co-Investigator**, PI: Dr. Phil Perera
Internal Jugular Vein assessing volume status by bedside US
- 8/2013 – 2015 **Co-Investigator**, PI: Dr. Phil Perera
Validation of the RUSH protocol and assessing volume status by bedside US
- 7/2013 – 1/2015 **Co-Investigator**, PI: Dr. Viveta Lobo
Pre-hospital paramedics ability to acquire and interpret the E-FAST scan
- 10/2012 – 1/2016 **Co-Principal Investigator**
Retrospective image review: Sub-quadrant analysis of the FAST scan
- 8/2011 – 7/2013 **Co-investigator**, PI: Dr. Sarah Williams, SU
Analysis of US accuracy for B lines compared to novel biodesign medical device
- 4/2011 – 7/2013 **Co-Investigator**, PI: Dr. Sarah Williams, SU
Prospective comparison of IVC measurements in Midaxillary versus subxiphoid transducer location and its correlation with physician's volume assessment
- 1/2011 – 12/2011 **Principal Investigator (PI)**, SU – local site for multi-center study
Emergency Medicine (EM) Resident Competency Assessment in Interpretation of Fundamental Emergency Ultrasound Applications
- 6/2010 – 5/2011 **Principal Investigator (PI)**, SU – local site for multi-center NIH-funded study
REASON: Evaluating Cardiac Activity During Cardiac Arrest
- 5/2010 – 5/2011 **Co-Investigator**, PI: Dr. Sarah Williams, SU
The Pressure Applied to the Globe via Bedside Ultrasound using Diaton
- 3/2010 – 8/2010 **Co-Investigator**, PI: Dr. Sarah Williams, SU
PEEPS: Pre-Hospital Evaluation of Effusion, Pneumothorax, and Standstill
- 1/2010 – 7/2010 **Principal Investigator (PI)**, SU
Ability of Cadaver Models for US Education / US-Guided Procedure Education
- 1/2010 – 8/2010 **Co-Investigator**, PI: Dr. Bill Dodge, SU
BLEEP-IT: Bedside Limited Echo in Emergency Physicians
- 4/2009 – 6/2010 **Co-Investigator**, PI: Dr. Stephanie Doniger, SU
EM Residents Ability to Identify Appendicitis With Ultrasound
- 8/2008 – 6/2010 **Co-Investigator**, PI: Dr. Sarah Williams, SU
SITTS: Sonographic Identification of Tube Thoracostomy Study
Confirmation of Tube Thoracostomy Placement by Bedside Ultrasound
- 8/2008 – 2010 **Co-Investigator**, Advisor/PI: Dr. Sarah Williams, SU
Evaluating Endotracheal and Esophageal Intubation using Color Doppler
- 8/2007 – 2010 **Fellow Research Project**, Adviser: Dr. Sarah Williams, SU
Endotracheal and Esophageal Intubation Differentiated by Ultrasound
- 7/2004 – 6/2007 **Resident Research project**, Adviser: Dr. J. Christian Fox, UCI-SOM
An Evaluation of the Sensitivity and Specificity of the FAST scan in Blunt Abdominal Trauma in the Pediatric Population
Funding: \$4500, 2005 Alpha Omega Alpha Carolyn Kuckein Research

- 9/2003 – 2006 Fellowship
Lead Investigator, Adviser: Dr. Jennifer Oman, UCI-SOM
 The Influences on Medical Students for Choosing a Career in EM
- 1/2003 – 2006 **Lead Investigator**, Adviser: Dr. Shahram Lotfipour, UCI-SOM
 The Effect of Emergency Department Observation on Medical Student Interest in Emergency Medicine
- 9/2001 – 6/2004 **Lead Investigator**, Adviser: Dr. Tareg Bey, UCI-SOM
1. Sarin and Other Nerve Agents of the Organophosphate Class: Properties, Medical Effects and Management
 2. Survival After Ethylene Glycol Poisoning in Patient With Arterial pH of 6.58
 3. U.S. Health Care Review
 4. Hospital Based Emergency Medicine in the United States
- 6/1996 - 9/1996 **Research Aide**, Scripps Research Institute, Adviser: Dr. George Koob, UCSD
1. Analyze actions of specific receptors in regards to drug action for decreasing the desire to self-administer cocaine.
- 9/1995 - 9/1997 **Research Assistant** at UCSD/V.A. Medical Center, Adviser: Dr. Jane Paulsen
1. Neuropsychological testing of patients with Alzheimer's and Huntington's diseases
 2. Database management; analyzing and correlating data
 3. Conduct meetings; supervise students; literature review

PUBLICATIONS – Peer Reviewed

1. Ravi S, Patel SR, Laurence SK, Sebok-Syer, SS. **Gharahbaghian, L.** Kotter's 8 stages of change: implementation of clinical screening protocols for assessing patients for COVID-19 – a review of an academic medical centre's preparedness *BMJ Leader* Published Online First: 20 April 2022. doi: 10.1136/leader-2020-000379
<https://bmjleader.bmj.com/content/early/2022/04/20/leader-2020-000379>
<https://bmjleader.bmj.com/content/leader/early/2022/04/20/leader-2020-000379.full.pdf>
2. Lee, MO, Ribeira, R, Fang, A, Cantwell, L., Khanna, K., Smith C., **Gharahbaghian, L.** Protecting the emergency physician workforce during the coronavirus disease 2019 pandemic through precision scheduling at an academic tertiary care trauma center. *JACEP Open*. Feb 2021; 2:e12221. <https://doi.org/10.1002/emp2.12221>
3. Grock A, Jordan J, Zaver F, **METRIQ Study Collaborators** et al. The revised Approved Instructional Resources score: An improved quality evaluation tool for online educational resources. *AEM Educ Train*. 2021;5(3):e10601. Published 2021 May 16. doi:10.1002/aet2.10601
4. Lee M, Altamirano J, Garcia L, Gisondi M, Wang NE, Lippert S, Maldonado YA, **Gharahbaghian L**, Ribeira R, Fassiotto M. Patient Age, Race, and Emergency Department Treatment Area Associated with “Topbox” Press Ganey Scores. *Western Journal of Emergency Medicine*. 2020. Published online ahead of print, 10/19/20. <https://escholarship.org/uc/item/6s0617c1>
5. Hootman, J. **Gharahbaghian, L.** Point of Care Ultrasound and anterior ST-elevation myocardial infarction. *Visual Journal of EM*. Oct 2020; (21) <https://doi.org/10.1016/j.visj.2020.100810>
6. Gildea, T. Anderson KL. Niknam KR., **Gharahbaghian, L.**, Williams, SR, Angelotti, T., Auerbach, PS., Lobo, V. The Utility of Color Doppler to Confirm Endotracheal Tube Placement: A Pilot Study. *WestJEM* 2020 Jul 29;. DOI: 10.5811/westjem.2020.5.45588
7. Colmers-Gray IN, Krishnan K, Chan TM, **METRIQ Study Collaborators** et al. The Revised METRIQ Score: A Quality Evaluation Tool for Online Educational Resources. *AEM Educ Train*. 2019;3(4):387-392. Published 2019 Jul 30. doi:10.1002/aet2.10376
8. Sakamoto, J. T, Storch, I., & **Gharahbaghian, L.** (2019). Cardiac Standstill With Intracardiac Clot Formation. *Clinical Practice and Cases in Emergency Medicine*. Retrieved from <https://escholarship.org/uc/item/31v6g4kp> .

9. Earl-Royal E., Nguyen PD., Alvarez A, **Gharahbaghian, L.** (2019). Detection of Type B Aortic Dissection in the Emergency Department with Point-of-Care Ultrasound. *Clinical Practice and Cases in Emergency Medicine*. Retrieved from <https://escholarhsip.org/uc/item/7jf15054>
10. Lamsam L, **Gharahbaghian L**, Lobo V. Point-of-care Ultrasonography for Detecting the Etiology of Unexplained Acute Respiratory and Chest Complaints in the Emergency Department: A Prospective Analysis. *Cureus*. 2018 Aug 28;10(8):e3218. doi: 10.7759/cureus.3218. PubMed PMID: 30405993; PubMed Central PMCID: PMC6205892.
11. Thoma B, Chan TM, Kapur P, Sifford D, Siemens M, Paddock M, Ankel F, Grock A, Lin M; **METRIQ Study Collaborators**. The Social Media Index as an Indicator of Quality for Emergency Medicine Blogs: A METRIQ Study. *Ann Emerg Med*. 2018 Jul 3. pii: S0196-0644(18)30412-8. doi: 10.1016/j.annemergmed.2018.05.003. [Epub ahead of print] PubMed PMID: 29980461
12. Thoma B, Sebok-Syer SS, Colmers-Gray IN, Sherbino J, Ankel FN, Trueger S, Grock A, Siemens M, Paddock M, Purdy E, Milne WK, Chan TM; **METRIQ Study Collaborators**. Quality Evaluation Scores are no more Reliable than Gestalt in Evaluating the Quality of Emergency Medicine Blogs: A METRIQ Study. *Teaching and Learning in Med*. 2018 Jan 30. doi.org/10.1080/10401334.2017.1414609
13. Thoma B, Sebok-Syer SS, Krishnan K, Siemens M, Trueger NS, Colmers-Gray I, Woods R, Petrusa E, Chan T; **METRIQ Study Collaborators**. Individual Gestalt Is Unreliable for the Evaluation of Quality in Medical Education Blogs: A METRIQ Study. *Ann Emerg Med*. 2017 Mar 2. pii: S0196-0644(16)31662-6. doi:10.1016/j.annemergmed.2016.12.025. [Epub ahead of print] PubMed PMID: 28262317.
14. Lobo V, Hunter-Behrend M, Cullnan E, Higbee R, Phillips C, Williams S, Perera P, **Gharahbaghian L**. Caudal Edge of the Liver in the Right Upper Quadrant (RUQ) View Is the Most Sensitive Area for Free Fluid on the FAST Exam. *West J Emerg Med*. 2017 Feb;18(2):270-280. doi: 10.5811/westjem.2016.11.30435. PubMed PMID: 28210364; PubMed Central PMCID: PMC5305137
15. Carter K, Nesper A, **Gharahbaghian L**, Perera P. Ultrasound Detection of Patellar Fracture and Evaluation of the Knee Extensor Mechanism in the Emergency Department. *West J Emerg Med*. 2016 Nov;17(6):814-816. PubMed PMID: 27833696; PubMed Central PMCID: PMC5102615
16. Kaufman E, Hunter-Behrend M, Leroux E, **Gharahbaghian L**, Lobo V. Thymic Tumor Extension into the Heart, a Rare Finding Found by Point-of-Care Ultrasound. *Cureus*. 2016 Aug 4;8(8):e724. doi: 10.7759/cureus.724. PubMed PMID: 27625910; PubMed Central PMCID: PMC5010378
17. Chong ID, Chao AH, **Gharahbaghian L**, Mitarai T, Hunter-Behrend M, Williams SR, Perera P. Diagnosis and Management of Spontaneous Pneumothorax in the Emergency Department: A Review of the Most Current Clinical Evidence for Diagnosis and Treatment, *Pulm Res & Resp Med Open Journal*. 2016 May 20; 3(2): 23-9. Doi: <http://dx.doi.org/10.17140/PRRMOJ-3-127>
18. Lindquist B., Perera P., Chao AH, Lobo V., **Gharahbaghian, L**. Hemorrhagic Contents within Uterine Sac mimicking Intrauterine Pregnancy: A Case of an Ectopic Pregnancy, *Emerg Med Open Access Journal* Apr 2016.
19. Chiem AT, Soucy Z, Dinh VA, Chilstrom M, **Gharahbaghian L**, Shah V, Medak A, Nagdev A, Jang T, Stark E, Hussain A, Lobo V, Pera A, Fox JC. Integration of Ultrasound in Undergraduate Medical Education at the California Medical Schools: A Discussion of Common Challenges and Strategies from the UMeCali Experience. *J Ultrasound Med*. 2016 Jan 13. pii: 15.05006. [Epub ahead of print] PubMed PMID: 26764278
20. Bhat SR, Johnson DA, Pierog JE, Zaia BE, Williams SR, **Gharahbaghian L**. Prehospital Evaluation of Effusion, Pneumothorax, and Standstill (PEEPS): Point-of-care Ultrasound in Emergency Medical Services. *West J Emerg Med*. 2015 Jul;16(4):503-9. doi: 10.5811/westjem.2015.5.25414. Epub 2015 Jul 14. PubMed

PMID: 26265961; PubMed Central PMCID: PMC4530907

21. Mulkerin W, Mitarai T, **Gharahbaghian L**, Perera P. Splenic Rupture Diagnosed with Bedside Ultrasound in a Patient with Shock in the Emergency Department Following Colonoscopy. *West J Emerg Med*. 2015 Sep;16(5):758-9. doi:10.5811/westjem.2015.6.27548. Epub 2015 Oct 20. PubMed PMID: 26587104; PubMed Central PMCID: PMC4644048
22. Lobo, V., Joshi, N., Chao, A., Poffenberger, C., Williams, S., Perera, P., & **Gharahbaghian, L.** (2015). The Impact of a One-Day Free Point of Care Ultrasound Conference to Medical Students. *Western Journal of Emergency Medicine: Integrating Emergency Care with Population Health*, 16(4.1). Retrieved from <https://escholarship.org/uc/item/1408f0kb>
23. Chao A, **Gharahbaghian L**, Perera P. Diagnosis of pneumoperitoneum with bedside ultrasound. *West J Emerg Med*. 2015 Mar;16(2):302. doi: 10.5811/westjem.2014.12.24945. Epub 2015 Feb 25. PubMed PMID: 25834673.
24. Zachariah S, Joshi N., Perera P., **Gharahbaghian L**. Spontaneous Pneumomediastinum diagnosed by Bedside Ultrasound. *West J Emerg Med*. 2015 Mar;16(2):321-4. doi: 10.5811/westjem.2015.1.24514. Epub 2015 Mar 13. PMID: 25834681
25. Lindquist, B. **Gharahbaghian L**. "Interstitial Neuritis Masquerading as Acute Appendicitis: A Case Report" *Emergency Med*. 2014 Jun 13, 4:4 doi: <http://dx.doi.org/10.4172/2165-7548.1000194>
26. Ennis, JE, Schultz, G., Perera, P., Williams, S., **Gharahbaghian, L.** and Mandavia, D. (2014) Ultrasound for Detection of Ascites and for Guidance of the Paracentesis Procedure: Technique and Review of the Literature. *International Journal of Clinical Medicine*, 2014, **5**, 1277-1293. doi: [10.4236/ijcm.2014.520163](http://dx.doi.org/10.4236/ijcm.2014.520163).
27. Ramarajan, N, Krishnamoorthi, R, **Gharahbaghian, L**, Pirrotta, E, Barth, RA, Wang, NE "Clinical Correlation Needed": What do Emergency Physicians do after an Equivocal Ultrasound for Pediatric Acute Appendicitis?," *J Clin Ultrasound*. 2014 Apr 3. doi: 10.1002/jcu.22153 PubMed PMID 24700515
28. Chisholm CB, Dodge WR, Balise RR, Williams SR, **Gharahbaghian L**, Beraud AS. Focused Cardiac Ultrasound Training: how Much is Enough? *J Emerg Med*. 2013 Apr;44(4):818-22. doi: 10.1016/j.jemermed.2012.07.092. Epub 2013 Jan 22. PMID: 23351569
29. Grover CA, **Gharahbaghian L**. Unilateral facial swelling with fever. Parotitis. *Ann Emerg Med*. 2011 Dec;58(6):e5-6. doi: 10.1016/j.annemergmed.2011.06.017. PubMed PMID: 22099003
30. Jenkins JA, **Gharahbaghian L**, Doniger SJ, Bradley S, Crandall S, Spain DA, Williams SR. Sonographic Identification of Tube Thoracostomy Study (SITTS): Confirmation of Intrathoracic Placement. *West J Emerg Med*. 2012 Sep;13(4):305-11. doi: 10.5811/westjem.2011.10.6680. PubMed PMID: 22942927
31. Zaia BE, Briese B, Williams SR, **Gharahbaghian L**. Use of cadaver models in point-of-care emergency ultrasound education for diagnostic applications. *J Emerg Med*. 2012 Oct;43(4):683-91. doi: 10.1016/j.jemermed.2012.01.057. Epub 2012 Apr 14. PubMed PMID: 22504086
32. Grover CA, Robin JK, **Gharahbaghian L**. Anorexia nervosa: a case report of a teenager presenting with bradycardia, general fatigue, and weakness. *Pediatr Emerg Care*. 2012 Feb;28(2):174-7. doi: 10.1097/PEC.0b013e3182447a56. PubMed PMID: 22307188
33. Fox JC, Boysen M, **Gharahbaghian L**, Cusick S, Ahmed SS, Anderson CL, Lekawa M, Langdorf MI. Test characteristics of focused assessment of sonography for trauma for clinically significant abdominal free fluid in pediatric blunt abdominal trauma. *Acad Emerg Med*. 2011 May;18(5):477-82. doi: 10.1111/j.1553-2712.2011.01071.x. PubMed PMID: 21569167
34. Ayalin T., Kiang C., **Gharahbaghian L.**, Wang NE. "Minor Head Injury" *Pediatric Emergency Trauma Rep*: Mar 2011
35. Zaia BE, **Gharahbaghian L**. Patellar tendonitis. *West J Emerg Med*. 2011 Feb;12(1):139-40. PubMed PMID: 21691492
36. Liang EC, Rossi J, **Gharahbaghian L**. Cardiac tamponade after minimally invasive coronary artery bypass graft. *West J Emerg Med*. 2011 Feb;12(1):116-7. PubMed PMID: 21691484

37. **Gharahbaghian**, L., Schroeder, B., Mittendorff, R., & Wang, N. E. (2010). Pediatric traumatic brain injury: Epidemiology, pathophysiology, diagnosis, and treatment. *Pediatric Emergency Medicine Reports*, 15(9), 105-115
38. **Gharahbaghian** L, Hindiyeh R, Langdorf MI, Vaca F, Anderson CL, Kahn JA, Wiechmann W, Lotfipour S. The effect of emergency department observational experience on medical student interest in emergency medicine. *J Emerg Med*. 2011 Apr;40(4):458-62. doi: 10.1016/j.jemermed.2010.02.020. Epub 2010 Apr 9. PubMed PMID: 20381989
39. **Gharahbaghian** L, Massoudian B, Dimassa G. Methemoglobinemia and sulfhemoglobinemia in two pediatric patients after ingestion of hydroxylamine sulfate. *West J Emerg Med*. 2009 Aug;10(3):197-201. PubMed PMID: 19718385
40. **Gharahbaghian** L, Vigil V, Williams S, et al. Imaging in pediatric abdominal trauma; what test, and why? *Trauma Rep* 2009;10:1-12.
41. **Gharahbaghian** L. Clitoral priapism with no known risk factors. *West J Emerg Med*. 2008 Nov;9(4):235-7. PubMed PMID: 19561754
42. **Gharahbaghian** L, Lotfipour S, McCoy CE, Hoonpongsimanont W, Langdorf M. Central diabetes insipidus misdiagnosed as acute gastroenteritis in a pediatric patient. *CJEM*. 2008 Sep;10(5):488-92. PubMed PMID: 18826743
43. **Gharahbaghian** L. Welcome to the Resident/Student/Fellow Section of WestJEM! *West J Emerg Med*. 2008 Jan;9(1):46. PubMed PMID: 19561703
44. **Gharahbaghian** L, Brosnan DP, Fox JC, Stratton SJ, Langdorf MI. New onset thyrotoxicosis presenting as vomiting, abdominal pain and transaminitis in the emergency department. *West J Emerg Med*. 2007 Aug;8(3):97-100. PubMed PMID: 19561693
45. **Gharahbaghian**, L., Bey, T. "Sarin and Other Nerve Agents of the Organophosphate Class: Properties, Medical Effects and Management." *International Journal of Disaster Medicine*: 2003; 2: 103-108.
46. Bey TA, Walter FG, Gibly RL, James ST, **Gharahbaghian** L. Survival after ethylene glycol poisoning in a patient with an arterial pH of 6.58. *Vet Hum Toxicol*. 2002 Jun;44(3):167-8. PubMed PMID: 12046972

Submitted for Publication:

1. Kurian, D., Sebok-Seyer, S., Losak, M., Shen, S. **Gharahbaghian**, L. 12 Tips for Emergency Department Operations for HealthCare Worker Protection and Resilience in a Global Pandemic (Submitted 3/2021 *Annals Concepts*; Submitted 1/2022 *Prehospital and Disaster Emergency Medicine*)
2. Strehlow, Matthew; Alvarez, Alai; Caretta-Weyer, Holly; Imler, Daniel; **Gharahbaghian**, Laleh; Lee, Moon; Riberia, Ryan; Sebok-Syer, Stefanie; Shen, Sam; Gisondi, Michael. "Precision Emergency Medicine" (Submitted 1/2022 *Academic Emergency Medicine*)
3. Ravi, S., et al. "Effectiveness, Safety and Efficiency of a Drive-Thru Care Model as a Response to the COVID-19 Testing Demand," (Submitted 1/2022 *JACEP Open* – under revision).
4. Ashenburg, N., Patel SR., **Gharahbaghian**, L. Shen SS., Ribeira,R. "There's an App for That! Decreasing Provider's Cognitive Load Using an Admissions App." (Submitted *BMJ Innovations* 4/2022)
5. Ashenburg, N. Ribeira R., et al. Launching an ED Virtual Visit Program: Transforming an ED Fast Track to a Virtual Visit Track" (Submitted 3/2022 to *NEJM Catalyst*, Accepted and in Revisions)
6. Kurian, D. Sundaram V., Graber-Neidich, N. et al. "The Effect of a Walk-In Clinic on Low Acuity Volume In the Emergency Department" (In draft)

ABSTRACT PUBLICATIONS

1. Lee MO, Altamirano J, Garcia L, Gisondi MA, Wang NE, Lippert S, Maldonado YA, **Gharahbaghian L**, Ribeira R, Fassiotto M. Patient Age and Race Associated With Press Ganey Scores in the Emergency Department [Abstract 640]. 2019 Annual Meeting Supplement. Acad Emerg Med. 2019 May;26 Suppl 1:S9-S318.doi: 10.1111/acem.13756. PubMed PMID: 31009162.
2. Crager, S., Cinkowski, C. **Gharahbaghian L**. Training nurses to assess fluid status using point of care ultrasound. Critical Care Medicine: January 2018, Vol 46, Issue 1, p.178.
3. **Gharahbaghian, L**, Boysen, M., Fox JC., McDonough, J., Scruggs, W., Anderson C., Barajas, G. An Evaluation of the Sensitivity and Specificity of the FAST scan in Blunt Abdominal Trauma in the Pediatric Population. Annals of Emergency Medicine: May 2006.
4. Fox JC., **Gharahbaghian, L.**, Boysen, M., Scruggs, WP. An Evaluation of the Sensitivity and Specificity of the FAST scan in Pediatric Blunt Abdominal. Academic Emergency Medicine: Vol 13, Suppl. 1; 142-143, 2006.
5. Hamilton, J.M., Paulsen, J.S., Salmon, D.P., **Gharahbaghian, L.**, and Delis, D.C. The Nature of Intrusion Errors in Alzheimer's and Huntington's Diseases. Journal of the International Neuropsychological Society. January 1997, Vol 3 (1).

Submitted Abstract for Publication:

1. Holder, M., Alansalon, N., McClellan H., Losak M., **Gharahbaghian L.**, From home to here: A Multidisciplinary Approach to Safely Resuscitating Patients with Suspected COVID-19. American Heart Association Resuscitation Science July 2020
2. Laurence, S. **Gharahbaghian L**. Surviving Sepsis in the ED. Vizient Connections Education Summit. Nov 2020

ORAL ABSTRACT PRESENTATIONS

1. Lee MO, Altamirano J, Garcia L, Gisondi MA, Wang NE, Lippert S, Maldonado YA, **Gharahbaghian L**, Ribeira R, Fassiotto M. Patient Age and Race Associated With Press Ganey Scores in the Emergency Department. 2019 SAEM Annual Meeting: May 2019.
2. Crager, S., Cinkowski, C. **Gharahbaghian L**. Training nurses to assess fluid status using point of care ultrasound. Society of Critical Care Medicine: January 2018.
3. Fontes K., Chao AH, Mulkerin WD, Higbee, B, **Gharahbaghian L**, Perera P, Lobo V. Can EMT Students Learn to Interpret and Obtain E-FAST Images After a Brief Online Training Video and Hands-On Session? Western Regional SAEM Scientific Assembly, March 2015.
4. Chao AH, Ennis J, Jammal MG, **Gharahbaghian L**, Perera P. Can the Rapid Ultrasound in Shock (RUSH) Exam be Performed By Emergency Medicine Physicians with Varying Experience with Point-Of-Care Ultrasound? Western Regional SAEM Scientific Assembly, March 2015.
5. **Gharahbaghian, L**. Pirotta, E., Ramarajan, N., Krishnamoorthi, R., Walters, K., Boyle, S., Barth, R., Wang, NE. Clinical Correlation Needed. What Do Emergency Physicians Do After An Equivocal Ultrasound for Pediatric Appendicitis? Western Regional SAEM Scientific Assembly, February 2011.
6. Williams, SR., **Gharahbaghian L.**, Wu, T., Goodwin T., Harter K., Angelotti T., Jeffrey B., Auerbach P. Airway Ultrasound: Confirming Endotracheal Ultrasound using Color Doppler. AIUM Scientific Assembly, March 2010.
7. **Gharahbaghian, L.**, Doniger, S., Goodis J, Williams SR. Sonographic Identification of Tube Thoracostomy Study.
 - a. WINFOCUS, Sydney, Australia, September 2009.
 - b. Western Regional SAEM Scientific Assembly, Sonoma, CA, January 2010.
8. **Gharahbaghian, L**, Boysen, M., Fox JC., McDonough, J., Scruggs, W., Anderson C., Barajas, G. An Evaluation of the Sensitivity and Specificity of the FAST scan in Blunt Abdominal Trauma in the Pediatric Population.

- a. Cal-ACEP Scientific Assembly, San Diego, CA, June 2006
- b. Western Regional SAEM Scientific Assembly, Redondo Beach, CA, March 2006

POSTER PRESENTATIONS

1. Laurence S, **Gharahbaghian L**, Street H, Wessels A, Kerr A, Callagy P, Shen S, Brown IP, McIntyre K, Mohabir P, Miles-Threath C. Surviving Sepsis in the Emergency Department. *Vizient AJMQ*. Aug 2020.
2. Altamirano J, Lee MO, Garcia LC, Gisondi M, Wang NE, Lippert S, Maldonado B, **Gharahbaghian L**, Ribeira R, Fassiotto M. Patient age and race associated with higher Press Ganey scores in the emergency department.
 - a. SAEM Western Regional, Napa, CA Mar 2019
 - b. SAEM Scientific Assembly, Las Vegas, NV, May 2019
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4. Howard, ZD, Steele, B., **Gharahbaghian, L.**, Foy, S., Williams, SR. Prospective comparison of IVC measurements in midaxillary versus subxiphoid transducer location. ACEP Scientific Assembly, Denver, CO Oct 2012.
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9. Williams, SR., **Gharahbaghian L.**, Wu, T., Goodwin T., Harter K., Angelotti T., Jeffrey B., Auerbach P. Airway Ultrasound: Confirming Endotracheal Ultrasound using Color Doppler. SAEM Scientific Assembly, June 2008
10. **Gharahbaghian, L**, Boysen, M., Fox JC., McDonough, J., Scruggs, W., Anderson C., Barajas, G. An Evaluation of the Sensitivity and Specificity of the FAST scan in Blunt Abdominal Trauma in the Pediatric Population.
 - a. SAEM National Scientific Assembly, San Francisco, CA, May 2006
 - b. AIUM National Conference, New York, March 2007
11. **Gharahbaghian, L.**, Hindiyeh, R., Lotfipour, S., Anderson, C., Wiechmann, W., Langdorf, M. The Effect of Emergency Department Observational Experience on Medical Student Interest in Emergency Medicine.
 - a. Cal-ACEP Scientific Assembly, San Diego, CA, June 2005
 - b. 3rd International Mediterranean Emergency Medicine Congress, Nice, France, September 2005
 - c. 12th UCI-SOM Faculty Research Poster Session and Reception, Irvine, CA, October 2005
12. **Gharahbaghian, L.**, Mizani, E., Oman, J., Rudkin, S., The Influences on Medical Students for Choosing a Career in Emergency Medicine. Western Regional SAEM Scientific Assembly, Marina Del Rey, CA, April 2005
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 - b. ACEP National Scientific Assembly, San Francisco, CA, 2005
 - c. Cal-ACEP Scientific Assembly, June 2004
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EDITORSHIP/REVIEWER

7/2010 – present	Reviewer , <i>Western Journal of EM (WestJEM)</i>
7/2010 – 2021	Editor , US Section, <i>Western Journal of EM (WestJEM)</i>
8/2014 – 12/2017	Co-Chair , ACEP US Section Newsletter
1/2012 – 12/2017	Section Editor : ACEP US Section Newsletter: US Tips & Tricks
7/2010 – 2021	Section Editor : US Section, <i>Western Journal of EM (WestJEM)</i>
6/2006 – 2014	Section Editor/Reviewer : Resident/Fellow Section, <i>WestJEM</i>

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7. Perera P, Williams S and **Gharahbaghian L**. Ultrasound for the Evaluation of Acute Cardiac Conditions and in the Resuscitation of the Critically Ill Patient. *Cardiac Emergencies-American College of Emergency Physicians*. Bresler M, Mattu A (Editors). Dallas, Tx: American College of Emergency Physicians; 2014: Chapter 4; Pages 53-89.
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11. Lobo, V., **Gharahbaghian, L.**: Ultrasound Guided Peripheral Nerve Blocks in Dawson M., Mallin M: Introduction to Bedside Ultrasound, Vol 2, Emergency Ultrasound Solutions, 2013. <https://itunes.apple.com/us/book/introduction-tobedside-ultrasound/id647356692?mt=11>
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1. **Gharahbaghian, L.** Lobo, V., Huang, RW., Poffenberger. *Ocular Ultrasound in Resource Limited Settings*, Cambridge 2017
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CHAPTER ACKNOWLEDGEMENTS

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3. Platz, E., Bey, T., Walter, F. International report: current state and development of health insurance and emergency medicine in Germany. The influence of Health insurance laws on the practice of Emergency Medicine in a European country. *Journal of Emergency Medicine*: Vol 25, Issue 2, August 2003; 203-210.
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23. Howard, ZD. **Gharahbaghian, L.** "Ocular Ultrasound" ACEP US Newsletter: Tips & Tricks. April 2012 <http://www.acep.org/content.aspx?id=84878>
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27. **Gharahbaghian, L.** The Power and Importance of Ultrasound in Emergency Departments, SOCEP Bulletin, June 2007
28. **Gharahbaghian, L.** The Power and Use of Simulation at UCI Emergency Medicine Residency Program, SOCEP Bulletin, February 2007
29. **Gharahbaghian, L.** Why You Should Choose UCI for your Training as an Emergency Physician. SOCEP Bulletin, August 2006

PUBLICATIONS - NATIONAL MEDIA

Submitted for publication – non-peer reviewed

1. **Gharahbaghian, L.** Saxena, M., Wilson, J. et al. A Post Roe Society: A Warning from Emergency Physicians – NY Times, USA Today (7/2022)

EDUCATIONAL PROJECT BOOKLETS/PAMPHLETS - distributed

1. Lu, Teng., **Gharahbaghian L.** Critical Cases in Emergency Medicine Course, Case: Diana Arturo/Hepatic Encephalopathy and New –Onset Ascites, SoM 8/2015
2. Lu, Teng., **Gharahbaghian L.** Critical Cases in Emergency Medicine Course, Case: Rubio Martinez/Tamponade: SoM 8/2015

3. Crandall, S. **Gharahbaghian**, L. Emergency Nurses US Seminar Booklet, CalENA US workshop: Stanford, CA 9/2011 & San Diego, CA 11/2011
4. Crandall, S. **Gharahbaghian**, L. Emergency Nurses US Seminar Booklet, CalACEP US workshop: Palm Springs, CA 6/2009 and Yosemite, CA 1/2010.
5. Crandall, S. **Gharahbaghian**, L. Emergency Nurses US Seminar Booklet, EMREF, Palm Springs, CA 5/2009
6. **Gharahbaghian**, L., Doniger, S. Stanford EM US Seminar Booklet, Roatan, Honduras, 2/2009 & 2/2010
7. **Gharahbaghian**, L. Stanford EM US Seminar Booklet, EMCON International conference and US workshop: Salem India, 11/2008 and Assam, India 11/2009
8. **Gharahbaghian**, L. Why You Should Choose UCI for your Training as an Emergency Physician. National Emergency Medicine Student Interest Network website: www.nemsin.com, 7/2006
9. **Gharahbaghian**, L. The UCI Emergency Medicine Residency Orientation Guide to Third Year, 7/2007
10. **Gharahbaghian**, L. The UCI Emergency Medicine Residency Orientation Guide to Second Year, 7/2006
11. **Gharahbaghian**, L. The UCI Emergency Medicine Residency Orientation Guide to Intern Year, 7/2005
12. **Gharahbaghian**, L., Langdorf, M. Chapter: ACLS Workshop and Guidelines. EMIG Regional Medical Student Symposium Procedure Manual, 5/ 2004
13. **Gharahbaghian**, L. The Quick / Dirty Guide to 3rd Year of Medical School. UCI-SOM, Irvine CA, 2003
14. **Gharahbaghian**, L. The 80-page Class of 2005 UCI-SOM *Unofficial* Orientation Guide. UCI-SOM, 2002

PRESS RELEASES / PUBLIC RELATIONS / MEDIA

“What Doctors Look For in a Doctor” – The Paper Gown, August 2022

<https://thepapergown.zocdoc.com/what-doctors-look-for-in-a-doctor/>

“Ceribell, point of care EEG” - Emergency Physicians Monthly, Podcast, February 2022

https://www.youtube.com/watch?v=lnjo8AEF_k4&t=1566s

<https://eptalk.libsyn.com/ep-talk-ep-51-laleh-gharahbaghian>

CBS Bay Area/KRON– CBS News Contributor, October 2021 - present

[New Omicron COVID-19 variant](#)

“Doctor Q&A” –ABC News contributor, May 2020 – 3/2022

ABC News (National): America This Morning and ABC World News Now

<https://www.youtube.com/channel/UCOJrH6M5RcSCkw1ESQ2N8YQ/playlists>

“Behind the Scan: Trends in Point of Care Ultrasound” Panel Discussion (International)- Webinar, 2020 FujiFilm/SonoSite ®

[https://secure.sonosite.com/behind-the-scan-webinar-](https://secure.sonosite.com/behind-the-scan-webinar-two?elqTrackId=f469c9cbbde346b7a5803f6619207f0e&elq=00000000000000000000000000000000&elqaid=4141&elqat=2&elqCampaignId=)

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“Sharing Stories of Life With COVID” - NPR/KQED (National). 2020

<https://www.kqed.org/forum/2010101876775/sharing-stories-of-life-with-covid-19>

“Gun Violence is a public health issue: One physician’s story” – By Laleh Gharahbaghian, MD for Scope Blog, Stanford 2018

<https://scopeblog.stanford.edu/2018/12/12/gun-violence-is-a-public-health-issue-one-physicians-story/>

“Everyone deserves a quality life” — An undergrad’s day in the emergency department – By Ribhav Gupta for Scope Blog, Stanford, 2018

<https://scopeblog.stanford.edu/2018/03/09/an-undergrad-in-the-ed/>

What’s it like to work in the ER on Christmas? An inside look – By Susan Coppa for Scope Blog, Stanford, 2017

<https://scopeblog.stanford.edu/2018/01/04/whats-it-like-to-work-in-the-er-on-christmas-an-inside-look/>

Stars of Stanford Medicine: The Ultra Ultrasonographer – By Vivian Lam for Scope Blog, Stanford, 2017

<https://scopeblog.stanford.edu/2018/05/03/stars-of-stanford-medicine-ultra-ultrasound-supporter/>

More Doctors Tuned to Ultrasound’s Frequency – By Sara Wykes for *Inside Stanford Medicine* 2014

<http://med.stanford.edu/news/all-news/2014/10/ultrasound--the-swiss-army-knife-of-health-care.html>

Ultrasound Has It’s Day – and Evangelists Galore – By Becky Bach for *Stanford Scope* 2014

<https://scopeblog.stanford.edu/2014/10/08/ultrasound-has-its-day-and-evangelists-galore/>

Ultrasound – The Swiss Army Knife of Healthcare – By Marco Daoura for SonoSite News 2014

<http://www.sonosite.com/blog/ultrasound-the-swiss-army-knife-of-health-care/>

Training the Next Generation of Doctors in Ultrasound - SHC MedStaff Update 2014

<http://stanfordhealthcare.org/health-care-professionals/medical-staff/medstaff-update/2014-october/training-next-generation-doctors-ultrasound.html>

Stanford University School of Medicine Hosts Successful UltraFest – for American Institute of Ultrasound in medicine (AIUM) SoundWaves 2013

<http://www.aium.org/soundWaves/article.aspx?aId=696&iId=20131121>

Bedside Ultrasound: Emergency Medicine Physicians Pick Up the Transducer to Speed Triage and Treatment. By Kathy Hardy, *Radiology Today* magazine; Vol 16 No . 6 P.16.

<http://www.radiologytoday.net/archive/rt0615p16.shtml>

GRANTS

2012 - **Pfizer CME grant** – \$20,000 – SonoDocGame.com –Online US education through gamification

TEACHING EXPERIENCE

International/Abroad

10/2010	Course Instructor , OBGYN, Labor and Delivery Emergencies, Nepal
2/2010	Course Instructor , Emergency US Workshop, Roatan, Honduras
11/2009	Course Director , Emergency US Workshop, EMCON International, Assam, India
2/2009	Course Instructor , Emergency US Workshop, Clinica Esperanza, Roatan Honduras
11/2008	Course Director , Emergency US Workshop, EMCON International, Hyderabad, India
11/2008	Course Instructor , Emergency Medical & Research Institute (EMRI), Hyderabad, India
4/2008	Course Director , Emergency US Workshop, Khomeini Hospital, Tehran, Iran
3/2008	ACLS/ATLS and Emergency US Instructor , Atitlan, Guatemala

CME Conference/Workshop Directorships

7/2018 – present **CME Director**, ED Quality Council Case Review, SHC EM, SoM
7/2018 – present **CME Director**, Stanford Resident Trauma Conference, SHC EM, SoM
7/2018 – present **CME Director**, Stanford Resident Morbidity & Mortality Conference, SHC EM, SoM
6/2015 **Course Co-Director**, US in the Crashing Patient, CME workshop, Stanford SoM, CA
4/2015 **Course Co-Director**, Core Topics in Point-of-Care Bedside US, CME course, SoM
6/2013 **Director**, Bedside US CME workshop for AAPS national assembly, Puerto Rico
11/2011 **Course Director**, CalENA Peripheral IV / Bladder US workshop, San Diego, CA
6/2011 **Course Director**, CalACEP Peripheral IV / Bladder US workshop, Newport Coast, CA
1/2011 **Course Director**, CalACEP Peripheral IV US workshop, Yosemite, CA
6/2010 **Course Director**, CalACEP Peripheral IV / Bladder US workshop, San Diego, CA
5/2010 **Course Director**, EMREF Peripheral IV / Bladder US workshop, Palm Springs, CA
4/2010 **Course Director**, Emergency US, Stanford EM National CME Conference, Kauai, HI
1/2010 **Course Director**, CalACEP Peripheral IV / Bladder US workshop, Yosemite, CA
6/2009 **Course Director**, CalACEP Peripheral IV / Bladder US workshop, Palm Springs, CA
5/2009 **Course Director**, EMREF Peripheral IV / Bladder US workshop, Palm Springs, CA

Local/National/CME Instructorships

10/2021 **Lecturer**, RESUSX National Conference, Virtual
4/2019 **Lecturer and Course Instructor**, US workshops
20th Stanford Symposium on EM CME conference, Maui
3/2018 **Lecturer and Course Instructor**, US workshops
19th Stanford Symposium on EM CME conference, Kauai
7/2017 **Course Instructor**, Pediatric ICU US course, SoM
7/2017 **Course Instructor**, Envision High School Course, US section “Ocular”, Stanford
3/2017 **Lecturer and Course Instructor**, US workshops
18th Stanford Symposium on EM CME conference, Maui
10/2016 **Course Instructor**, Stanford SoM Advanced Clinical Skills Course, SoM
10/2016 **Course Instructor**, ACEP Scientific Assembly Global Health US, Las Vegas, NV
5/2016 **Course Instructor**, Educational Games Showcase “Septris, Sicko and SonoDoc”,
Innovations in Medical Education CME course, Stanford SoM
Workshop Direction: Gamification in Medical Education
5/2016 **Course Instructor**, Capstone Course, Bedside US, Stanford SoM
1/2016–present **Curriculum Co-Supervisor**, EM Resident Trauma Curriculum, EM SoM conference
11/2015 **Course Instructor**, Educational Games Showcase “SonoDoc”, 8th Annual American
College of Surgeons/American Educational Institutes (ACS/AEI) Post Graduate CME
Course: Innovations in Surgical Innovations-Expanding Definitions of Simulation, SoM
5/2015 **Course Instructor**, EM CME Maintenance of Certification, US Station, SoM
12/2014-2019 **Course Instructor**, Annual Stanford EM SonoGames, SoM, EM conference
11/2014 **Course Instructor**, EM Maintenance of Certification, Cardiovascular Station, SoM
10/2014-2017 **Course Instructor**, Annual ACEP Scientific Assembly: US Management Course
8/2014 -2019 **Course Instructor**, American College of Surgery, annual Resident US Course, SoM
1/2014- present **Fellowship Instructor**, Ultrasound Leadership Academy, web-based US fellowship
10/2013 - 2016 **Course Co-Director**, Stanford UltraFest, annual Medical Student US Symposium, SoM
10/2013 - 2019 **Course Instructor**, Stanford UltraFest, annual Medical Student US Symposium, SoM
10/2013 **Course Instructor**, ACEP Scientific Assembly: Crashing Patient US, Seattle WA
10/2013 **Course Instructor**, ACEP Scientific Assembly: Procedural US, Seattle WA
4/2013 - 2019 **Course Instructor**, CastleFest – annual CME workshop in Bedside US, Lexington KY
3/2013 – 2015 **Course Instructor**, quarterly US session in Anatomy Core Curriculum, Stanford SoM
2/2013 - 2015 **Course Instructor**, annual Ultrasound in Bedside Anatomy, Stanford SoM
2/2013 **Course Instructor**, UltraFest, Medical Student Ultrasound Symposium, UC Irvine
10/2012 **Course Instructor**, ACEP Scientific Assembly: Procedural US, Denver CO

9/2012 **Course Instructor**, APLS CME course: US guided Central line placement, SoM
8/2012 **Course Director**, Bedside Ultrasound for Mid-level providers, SoM, EM
8/2012 - 2017 **Course Director**, Bedside Ultrasound in Global Health annual workshop, SoM
6/2012 **Course Instructor**, CalACEP Emergency ultrasound workshop, Monterey, CA
6/2012 - 2014 **Course Instructor**, quarterly Stanford CME: 21st Century Med: Bedside US, SoM
6/2009 – 2017 **Course Director**, annual Practice of Med course: preclinical medical students, SoM
4/2012 - 2015 **Course Instructor**, bi-annual APLS CME workshop: US-Guided IV Access, SoM
3/2012 **Course Director**, Stanford/Kaiser Faculty Echo with Simulator workshop, SoM
2/2012 **Course Instructor**, EMIG US workshop, Stanford SoM
2/2012 **Course Instructor**, US workshop, Big Sky Wilderness Medicine Conference, MT
2/2012 **Course Instructor**, Stanford EM Peripheral IV / Bladder US workshop, SoM
11/2011 **Course Director**, Stanford Faculty Development, E-FAST, SoM
11/2011 **Course Director**, annual Stanford/Kaiser/SCVMC resident Emergency US, SoM
11/2011 **Course Instructor**, USC Essentials of Emergency US, San Francisco CA
10/2011 **Course Instructor**, Stanford Faculty Development, US guided lines, SoM
9/2011 **Course Director**, Stanford EM Peripheral IV / Bladder US workshop, SoM
6/2011 **Course Instructor**, CalACEP Emergency US Workshop, Newport Coast, CA
4/2011 - 2015 **Course Instructor**, annual RESUS US Basic and Procedural Workshop, Las Vegas, NV
11/2010 **Course Instructor**, USC Essentials of Emergency Ultrasound, San Francisco CA
7/2010-present **Course Director**, quarterly Stanford Resident Conference M&M lectures
6/2010 **Course Instructor**, Practice of Medicine Course, Emergency US, Stanford SoM
6/2010 **Course Instructor**, CalACEP Emergency US Workshop, San Diego, CA
3/2010- 2016 **Course Instructor**, annual Northern CA Bay Area US Workshop, Monterey, CA
9/2009 – 2017 **Course Director**, annual Faculty Emergency US Workshop, Stanford SoM
7/2009 - 2017 **Course Director**, annual Intern Emergency US Workshop, Stanford SoM
5/2009 – 2015 **Instructor**, annual EM Mock Oral Boards Review, Stanford SoM
4/2009 **Course Instructor**, Emergency US workshop, Stanford EM CME conference, Maui
3/2009 **Course Instructor**, Emergency Echo workshop, Resident EM conference, Stanford SoM
1/2009 - 2017 **Instructor**, annual Cadaver lab: applications of US, Stanford EM Resident Conference
9/2008 **Course Instructor**, US workshop, Stanford Xtreme Conference, San Francisco
7/2008- 2016 **Workshop Instructor**, annual Cricothyrotomy/Airway Lab, SoM, EM Conference
4/2008 **Course Instructor**, Emergency US, International Conference on EM, San Francisco
3/2008 **Course Instructor**, Emergency US workshop, Stanford EM CME conference, Kauai
10/2007 **Vascular Ultrasound Workshop Instructor**, ACEP Scientific Assembly, Seattle, WA
9/2007 **Course Instructor**, Emergency US, Stanford Xtreme Conference, San Francisco
9/2007 **Course Instructor**, SU annual faculty/resident US workshop
2/2007 **The Airway Workshop Instructor**, EMIG Regional Medical Student Symposium, UCI
6/2004 – 2007 **Hands-On Workshop Instructor**, annual ACLS Course, UCI-SOM
2/14/2006 **Course Instructor**, Sonoran Emergency US workshop, Camp Pendleton Naval Hospital
5/2004 **ACLS Workshop Instructor**, EMIG Regional Medical Student Symposium, UCI-SOM
6/2003 **Coordinator/ Instructor**, Quick & Dirty Guide: Third Year Medical School, UCI-SOM
6-8/1996 **Instructor** – biology of AIDS;
Trainer – HIV test counselors, UCSD, Student Health

PUBLIC SPEAKING and PANEL INVOLVEMENTS

5/2018 – present **Judge, Annual Resident Quality Improvement & Patient Safety Symposium**, SHC
4/2018 **Society of Clinical Ultrasound Fellowships (SCUF) Panel**, University of Southern California
2/2012 – 4/2016 **Annual Stanford Women in Medicine**, Stanford SoM
11/2008 – 2017 **Annual Faculty Forum**, Stanford EM Residency Interviews: Emergency US

- 2/2009 - 2016 **Stanford EMIG: Annual “What is Emergency Medicine” panel**
7/2004 – 6/2007 **Residency Panel**, annual EMIG Regional Medical Student Symposium,
UCI-SOM
- 8/2003 **Associated Medical Student Government (AMSG) Co-Presidents’ Address**,
UCI-SOM
- 8/2001 - 6/2004 **“Making the Most of Time as Medical Student”**, UCI Student Leadership
1/2001 - 2/2002 **Bimonthly Interview Speaker**, UCI-SOM, Office of Admissions and Outreach

SIMULATION

Stanford SoM, Division of Emergency Medicine

- 7/2014- 2017 Simulator cases: **US case-based simulation: UltraFest, EM Resident US workshops**
6/2012 – 2017 Simulator cases **SonoSim at Stanford CME US workshop**
2/2008 Simulator case: **Burn, shock**

UCIMC, Department of EM

- 5/2007 Simulator case: **The difficult airway**
2/2007 Simulator case: **Blunt head trauma and spinal cord injury**
1/2007 Simulator case: **Arrhythmia recognition and treatment**
11/2006 Simulator case: **Airway emergency**
10/2006 Simulator case: **Blunt Chest/Abd Trauma**
7/2006 Simulator case: **ACLS, annual test**
7/2006 Simulator case: **ACLS teaching**

DIGITAL/SOCIAL MEDIA/Free Online Access to Medical Education (FOAMed)

1. **ALiEMConnect** Lecture Series (April 2020): From Name, Blame, Shame to System, Fix ‘Em
<https://www.aliemu.com/aliem-connect/>
2. **SonoDocGame**: An Ultrasound Case Based Online Game – Creator and contributor to online game focusing on bedside ultrasound applications and their utility in patient management.
www.sonodocgame.com Go-Live: 2/2019 (Grant: Pfizer \$20,000)
 - a. **Stanford CME: SonoDoc Game**:
<https://med.stanford.edu/cme/courses/online/sonodoc1.html>
3. **SonoSpot** – Creator and contributor to online blog focusing on free ultrasound resources, discussion of ultrasound techniques, cases, studies, educators, and events. www.sonospot.com and [@sonospot](https://twitter.com/sonospot)
 - a. Mentioned in: Riddell J, Brown A, Kovic I, Jauregui J. **Who Are the Most Influential Emergency Physicians on Twitter?** West J Emerg Med. 2017 Feb;18(2):281-287. doi: 10.5811/westjem.2016.11.31299. Epub 2017 Jan 19. PubMed PMID: 28210365; PubMed Central PMCID: PMC5305138 <http://escholarship.org/uc/item/1nw3291x#page-4>
4. **ALiEM podcast**: Conflict with your co-chief residents. <https://soundcloud.com/academic-life-in-em/conflict-laleh>
5. **POCUS Video Series** – contributor / lecturer; online medical student lecture series SoM (Grant)
6. **EMCrit podcast** –
 - a. “Don’t Half –A\$\$ The FAST” with Scott Weingart. Podcast 102 – Don’t Half-Ass your FAST!. *EMCrit Blog*. Published on July 7, 2013. <https://emcrit.org/emcrit/fast-exam/>
 - b. “Quality Case Reviews – the right way” with Scott Weingart. Podcast –*EMCrit Blog*. Published on October, 2020
7. **ALiEM** - Fellowship and Chief Resident Mentor - <http://www.aliem.com/aliem-chief-resident-incubator/>
8. **AAEM/RSA blog - Mentor**, AAEM/RSA blog

LECTURES and PRESENTATIONS – National Scientific Assemblies/CME Conferences

- 10/2021 **“Non-Convulsive Status & Ceribell Brain Monitoring”**

Expert Theater, ACEP National Scientific Assembly, Boston MA

10/2021 **“Non-Convulsive Status & Ceribell Brain Monitoring”** RESUS conference

4/2019 **“US in shock”, “US in Abdominal Pain”, “You can do THAT with US?”**
20th Stanford Symposium on EM CME conference, Maui

4/2018 **“4D and AI Oh My! The US Director Becomes the Innovation Director”**
“Making SoMe Matter: Leveraging Online Education in CUS Training Today”
SCUF National CME Conference, University of Southern CA

3/2018 **“Critical Care US”, “US in Dyspnea”** Stanford EM CME Hawaii conference, Kauai

3/2018 **“Soft Tissue US” and “E-FAST US”** – CastleFest CME, Lexington, KY

4/2017 **“Critical Care US” “US Cases”** Stanford EM CME Hawaii conference, Maui

3/2017 **“US in shock”, “Orthopedic Dilemmas”,**
18th Stanford Symposium on EM CME conference, Maui

10/2016 **“Intro to QA”,** ACEP Scientific Assembly, US Management Course, Las Vegas, NV

5/2016 **“SonoDoc”-** Innovations in Medical Education CME conference, SoM

4/2016 **“Soft Tissue US” and “Pregnancy US”** – CastleFest CME, Lexington, KY

11/2015 **“SonoDoc”-** ASC/AEI Post Graduate CME course, SoM

6/2015 **“Intro and Echocardiography Review”** and **“Case Studies using the RUSH Exam”**
CME workshop: US of the Crashing Patient, Essential Techniques in the Resuscitation of the Critically Ill – SoM

4/2015 **“Soft Tissue Ultrasound”, “Central and Peripheral IV Access”** CastleFest CME, Lexington, KY

4/2015 **“Hepatobiliary, Renal, Aorta US”, “Advanced US: Soft Tissue, Ocular, DVT”**
CME workshop: Core Topics in Bedside Point-of-Care EM US – SoM

10/2014 **“Resident Credentialing”**
ACEP national Scientific Assembly, EM US Management Course, Chicago, IL

3/2014 RESUS national conference **“Pitfalls in Orthopaedics”** Las Vegas, NV

3/2014 **“US tips and Tricks”** Northern CA Bay Area US Workshop, Sonoma, CA

6/2013 AAPS Bedside US CME workshop: **“US Physics” & “Case Based US Review”**

4/2013 RESUS national conference **“Evaluation of the Transplanted Patient”**, Las Vegas NV

3/2013 **“Hepatobiliary Ultrasound”** Northern CA Bay Area US Workshop, Monterey, CA

11/2012 CalAAEM Speaker Series: **“Bedside Ultrasound”**, San Francisco, CA

9/2012 Stanford 21st Century CME US Workshop: **“Aorta/Gallbladder/Renal US”**

6/2012 - 2016 Bi-annual Stanford CME US Workshop: **“RUSH” & “Aorta/Gallbladder/Renal US”**

3/2012 **“Aorta/Renal Ultrasound”** Northern CA Bay Area US Workshop, Monterey, CA

2/2012 **“E-FAST and Quick Look Pelvic”** Big Sky Wilderness Medicine CME, Big Sky, MT

3/2011 **“Hepatobiliary Ultrasound”** Northern CA Bay Area US Workshop, Monterey, CA

6/2010 **“DVT”, “US-guided Perilipheral IV placement”**
CalACEP Annual Assembly, Paradise Point, San Diego CA

4/2010 **“General US: the physics”, “US-guided Lumbar Puncture”**
Stanford EM Hawaii CME conference: US workshop, Kauai, HI

3/2010, 3/2011 **“Hepatobiliary Ultrasound”** Northern CA Bay Area US Workshop, Monterey, CA

5/2009 **“Ultrasound Guided Peripheral IV placement and Bladder scanning”**
EMREF annual assembly, Palm Springs CA

4/2009 **“Imaging of Pediatric Blunt Abdominal Trauma: To CT or not to CT”**
Stanford EM CME Hawaii conference US workshop, Maui HI

4/2009 **“Pulmonary Ultrasound”** and **“Ultrasound guided Lumbar Puncture”**
Stanford EM CME Hawaii pre-conference US workshop, Maui HI

2/2009 **“Ultrasound Guided Peripheral IV placement and Bladder scanning”**
SU, Regional ENA conference

9/2008 **“Imaging of Pediatric Blunt Abdominal Trauma: To CT or not to CT”, “DVT”**
Stanford Xtreme conference and Pre-conference US workshop, San Francisco CA

LECTURES and PRESENTATIONS – GRAND ROUNDS

12/2021	“Career Power of POCUS”; Ultrasound Leadership Academy
7/2021	“Cardiac Arrest, ROSC & Anoxic Brain Injury” Surgery Grand Rounds panel, SHC
12/2020	“Career Power of POCUS”; Massachusetts General
12/2017	“To Err is Human”, Department of EM, SoM
10/2017	KeyNote Address “Ultrasound for You”, Stanford UltraFest, SoM
2/2014	“Bedside US in Abdominal Pain”, Department of Surgery, SoM
3/2013	“Bedside Ultrasound in the Critically Ill”, Department of Surgery, SoM
9/2009	“Imaging of Pediatric Blunt Abdominal Trauma: To CT or not to CT” SoM, Pediatric Grand Rounds/Noon conference
6/2008	“Pediatric Head Trauma” SoM, Pediatric Resident Grand Rounds

LECTURES and PRESENTATIONS –Trauma and EM Morbidity & Mortality Conference Series

1/2022	Supervisor, Trauma Presentation “Penetrating Genital Trauma” SoM EM conference
1/2022	Supervisor, M&M Presentation “CRC case” SoM EM conference
12/2021	Supervisor, M&M Presentation “CRC case” SoM EM conference
11/2021	Supervisor, Trauma Presentation “Penetrating Trauma” SoM EM conference
9/2021	Supervisor, Trauma Presentation “Blunt Traumatic Arrest” SoM EM conference
6/2021	Supervisor, Trauma Presentation “ED Thoracotomy” SoM EM conference
2/2021	Supervisor, Trauma Presentation “Blunt Abdominal Trauma” SoM EM conference
1/2021	Supervisor, Trauma Presentation “Trauma Patient & Disabilities” SoM EM conference
1/2021	Supervisor, M&M Presentation “Pulmonary Hypertension ” SoM EM conference
11/2020	Supervisor, Trauma Presentation “Trauma Resuscitation: Bias” SoM EM conference
11/2020	Panel Representative, Trauma M&M, Surgical Emergencies, SoM
6/2020	Panel Representative, Trauma M&M, Severe Sepsis in Pulmonary Hypertension, SoM
6/2020	Supervisor, M&M Presentation “Stroke in Trauma Patients” SoM EM conference
4/2020	Supervisor, M&M Presentation “COVID cases” SoM EM conference
4/2020	Supervisor, Trauma Presentation “Abdominal Compartment Syn” SoM EM conference
2/2020	Supervisor, Trauma Presentation “SANE Exams” SoM EM conference
2/2020	Supervisor, M&M Presentation “5150/Lack Capacity” SoM EM conference
12/2019	Supervisor, M&M Presentation “ICH, Central Line Access” SoM EM conference
10/2019	Supervisor, M&M Presentation “Cerebellar stroke” SoM EM conference
8/2019	Supervisor, M&M Presentation “Severe Sepsis: Delays” SoM EM conference
7/2019	Supervisor, M&M Presentation “Geriatric Falls” SoM EM conference
2/2019	Supervisor, Trauma Presentation “Traumatic Epistaxis” SoM EM conference
12/2018	Supervisor, Trauma Presentation “Blunt Injuries Without Tachycardia” SoM EM conf
11/2018	Supervisor, M&M Presentation “Acute Glaucoma, Complaints” SoM EM conference
1/2018	Supervisor, M&M Presentation “Food Impaction/Sedation” SoM EM conference
12/2017	Supervisor, Trauma Presentation “Aortic Rupture” SoM EM conference
10/2017	Supervisor, Trauma Presentation “Blunt Trauma” SoM EM conference
10/2017	Supervisor, M&M Presentation “Eating Disorder/Abd Pain” SoM EM conference
9/2017	Supervisor, M&M Presentation “Implicit Bias” SoM EM conference
7/2017	Supervisor, M&M Presentation “ED Ortho Cases” SoM EM conference
5/2017	Supervisor, M&M Presentation “Identification of Acute GI Bleed” SoM EM conference
3/2017	Supervisor, M&M Presentation “CVA and Disposition Issues” SoM EM conference
12/2016	Supervisor, Trauma Presentation “Burn” SoM EM conference
9/2016	Supervisor, Trauma Case Presentation “Diaphragmatic Rupture” SoM EM conference
9/2016	Supervisor, M&M Presentation “Biliary Disease” SoM EM conference
5/2016	Supervisor, M&M Presentation “Missed spinal injury: syncope” SoM EM conference
4/2016	Supervisor, Trauma Presentation “Trauma in pregnancy” SoM EM conference

3/2016 Supervisor, M&M Presentation “**Aortic Dissection**” SoM EM conference

1/2016 Supervisor, M&M Presentation “**Cardiac Asthma/ Shock**” SoM EM conference

12/2015 Supervisor, M&M Presentation “**MD error: Lymphoma & DKA**” SoM EM conference

5/2015 Supervisor, M&M Presentation “**Trauma: Testicular Rupture**” SoM EM conference

9/2014 Supervisor, M&M Presentation “**Rectal Abscess from Assault**”, SoM EM conference

8/2014 Supervisor, M&M Presentation “**Preeclampsia: No Proteinuria**” SoM EM conference

7/2014 Supervisor, M&M Presentation “**TTP**”, SoM EM conference

6/2014 Supervisor, M&M Presentation “**Sepsis-Immunocompromised**”, SoM EM conference

5/2014 Supervisor, M&M Presentation “**Femoral Neck Fracture**”, SoM EM conference

3/2014 Supervisor, M&M Presentation “**Upper GI Bleed/Hemolysis**”, SoM EM conference

1/2014 Supervisor, M&M Presentation “**Septic Cardiomyopathy**”, SoM EM conference

11/2013 Supervisor, M&M Presentation “**Pediatric cerebral abscess**”, SoM EM conference

8/2013 Supervisor, M&M Presentation “**Altered Mental Status**”, SoM EM conference

7/2013 Supervisor, M&M Presentation “**Septic Arthritis**”, SoM EM conference

6/2013 Supervisor, M&M Presentation “**Pediatric Myocarditis**”, SoM EM conference

4/2013 Supervisor, M&M Presentation “**Cerebral Mass**”, SoM EM conference

3/2013 Supervisor, M&M Presentation “**Evolving STEMI**”, SoM EM conference

2/2013 Supervisor, M&M Presentation “**Missed cervical injury and OPLL**”, SoM EM

1/2013 Supervisor, M&M Presentation “**DKA and AMI**”, SoM EM conference

12/2012 Supervisor, M&M Presentation “**Missed Perforated Appy**”, SoM, EM conference

11/2012 Supervisor, M&M Presentation “**Missed Epidural Abscess**”, SoM, EM conference

9/2012 Supervisor, M&M Presentation “**Missed Septic Shock**”, SoM, EM conference

8/2012 Supervisor, M&M Presentation “**Missed AAA and RUSH exam**”, SoM, EM

4/2012 Supervisor, M&M Presentation “**Missed Femoral Neck fracture**”, SoM, EM

3/2012 Supervisor, M&M Presentation “**Urosepsis**”, SoM, EM conference

1/2012 Supervisor, M&M Presentation “**Multi-organ failure**”, SoM, EM conference

11/2011 Supervisor, M&M Presentation “**Ovarian abscess**”, SoM, EM conference

9/2011 Supervisor, M&M Presentation “**Obesity hypoventilation syndrome**”, SoM EM conf.

8/2011 Supervisor, M&M Presentation “**Perforated viscus**”, SoM EM conference

3/2011 M&M Presentation “**Pertussis**”, SoM EM conference

12/2010 M&M Case Presentation “**Bacterial Meningitis**”, SoM, EM conference

8/2010 Supervisor, M&M Presentation “**Psoas Abscess**” SoM, EM Conference

6/2007 M&M Case Presentation: “**Syncope, Acute MI**” UCIMC, Department of EM

5/2007 M&M Case Presentation and Overview: **Necrotizing fasciitis**
M&M Case Presentation and Overview: **Aortic dissection**
M&M Case Presentation and Overview: **Anticholinergic toxicity**
UCIMC, Department of Emergency Medicine

3/2007 M&M Case Presentation: **Face burns, knee dislocation**
M&M Case Presentation: **GI bleed, hyperkalemia**
UCIMC, Department of EM

2/2007 M&M Case Presentation: **Acute disseminated enceph**
M&M Case Presentation: **Blunt chest trauma**
M&M Case Presentation: **Cryptococcal meningitis**
M&M Case Presentation: **Symptomatic bradycardia**
M&M Case Presentation: **Hyperkalemia, arrhythmia**
UCIMC, Department of EM

1/2007 M&M Case Presentation: **Central cord syndrome**
M&M Case Presentation: **Acute Cerebellar stroke**
UCIMC, Department of EM

11/2006 M&M Case Presentation: **Headache, Aneurysm**
M&M Case Presentation: **Shock, Peforated viscus**

- M&M Case Presentation: **Pediatric Altered Mental Status**
UCIMC, Department of EM
- 10/2006 M&M Case Presentation: **“Diabetes Insipidus”**
M&M Case Presentation: **“Thyrotoxicosis”**
UCIMC, Department of EM
- 8/2006 M&M Case Presentation: **“Aplastic anemia”** UCIMC, Department of EM
- 7/2006 M&M Case Presentation: **Digoxin toxicity**
M&M Case Presentation: **Alcoholic cardiomyopath**
M&M Case Presentation: **Acute pericardial effusion**
M&M Case Presentation: **Pneumothorax and Stroke**
UCIMC, Department of EM conference
- 1/2005 M&M Case Presentation: **“Endocarditis”** UCIMC, Department of EM conference
- 11/2004 M&M Case Presentation: **“Meningitis”** UCIMC, Department of EM conference
- 8/2004 M&M Case Presentation: **“Right Upper Quadrant pain in pregnancy”**
M&M Case Presentation and Overview: **Gallstone Pancreatitis**
UCIMC, Department of EM conference
- 7/2004 M&M Case Presentation: **Seizure in Pregnancy**
M&M Case Presentation: **Hemoptysis in Cancer Patient**
M&M Case Presentation: **Adult Acute Epiglottitis**
UCIMC, Department of EM conference

LECTURES and PRESENTATIONS – Other Local, National, International

- 9/2022 **“Challenging Conversations – Consultants and Sign Outs”**
“Efficiency in ED – Consultation Communications”
Foundations Series, Stanford EM Residency Conference
- 9/2021 **“Consultant Communication”** Foundations Series, Stanford EM Residency Conference,
- 11/2020 **“Quality Case Reviews”**; Foundations Series, Stanford EM Residency Conference, SoM
- 7/2020 **EM Quality Presentation**, Council of Clinical Chairs, EM, SoM
- 6/2020- present Annual Lecturer, **Conflict Resolution**; HealthCare Leadership and Advocacy, EM, SoM
- 5/2018 **“Human Error and Quality Review”** SHC Chinese Delegation Tour
- 10/2017 **“DVT”** and **“Ocular US”**, Stanford UltraFest, SoM
- 8/2017 **“FAST scan” “Basic US” “Basic Echo”**, American College of Surgery Course, SHC
- 7/2017 **“General US and Physics”**, **“Lung Ultrasound”**, Pediatric ICU US course, SoM
- 11/2016 **“Basic Cardiac Echo”** American College of Surgery, Resident US Course, Stanford SoM
- 2/2013 Stanford Faculty Development Lunch: **“E-FAST exam”**, SoM EM
- 8/2012 -2017 Stanford annual Global Health course: **“Bedside Ultrasound in Global Health”**, SoM
- 9/2010 **“The RUSH Exam: Rapid US in Shock/Hypotension”** SoM, Faculty Development
- 7/2010-2017 **“Introduction to Emergency Ultrasound and Knobology”**
“Emergency Echo and IVC”, **“Hepatobiliary US”**, **“DVT”**
Annual EM Intern Orientation US workshop, SoM
- 2/2010 **“General US: the physics”**, **“Emergency US: Aorta, Renal, Gallbladder”**,
Global Healing Regional Conference, Roatan, Honduras
- 1/2010 **“High Yield Topics: Ultrasound in EM”** SoM, EM Conference
- 11/2009 **“Pediatric Trauma: A Case Based Review”** SoM, Trauma/EM Conference
- 11/2009 **“Cardiac Ultrasound and CT Angiography”**- EMCON, Assam, India
“The Third Eye: US in Emergency Care” – EMCON, Assam, India
“General US Review: The physics” – EMCON, US workshop, Assam, India
“The FAST scan” – EMCON, US workshop, Assam, India
“Applications of Ultrasound” – EMCON, US workshop, Assam, India
- 7/2009 **“Emergency Echo”** and **“Pulmonary US”** and **“US guided LP”** and **“DVT”**
Annual EM Intern Orientation US workshop, SoM

6/2009 **“Imaging of Pediatric Blunt Abdominal Trauma: CT or not to CT”** SoM, EM Conf

4/2009 **“Visual Diagnosis in Emergency US”** SoM, EM Conference
“M&M of Emergency US” SoM, EM Conference

4/2009 **“Abdominal pain and the Application of US in Emergency Medicine”**
Practice of Medicine Course, SoM

2/2009 **“General US: the physics”**, **“Applications of Emergency US”**
Regional Medical Care Conference, Roatan, Honduras

1/2009 **“US cases in review”**, SU, EM Residency Conference

12/2008 **“Emergency US and Peripheral IV placement”**
Stanford Educational Council quarterly conference

12/2008 **“The Importance of US in Emergency Care”** – Sonosite Investors Conference

11/2008 **“The Role of USA Nurses”** – Hyderabad Hospital, India
“Patient Assessment” – EMRI, Hyderabad, India
“Critical Thinking” – EMRI, Hyderabad, India
“The Third Eye: US in Emergency Care” – EMCON, Salem India
“General US Review: The physics” – EMCON, US workshop, Salem India
“The FAST scan” – EMCON, US workshop, Salem India
“Applications of Ultrasound” – EMCON, US workshop, Salem India

4/2008 **“US cases Review”** SoM, EM Conference

4/2008 **“Advanced Ultrasound Applications”** Khomeini Hospital, Tehran, Iran

3/2008 **“Trauma Evaluation – ATLS”** & **“Emergency Ultrasound”** Hosp. Atitlan, Guatemala

11/2007 **“DVT by Ultrasound”** SoM, EM Conference

9 /2007 – 2013 **“Abdominal pain and Ultrasound”** SoM, monthly Medical Student Conference

9/2007 **“Ultrasound in Chest pain, a review** SoM, EM Conference

8/2007 **“Ultrasound of the Short of Breath Patient”** SoM, EM Conference

5/2007 Joint ED/Trauma Case Review: **Spinal cord injury**
UCIMC, Departments of EM and Trauma Surgery

5/2007 **“Visual Diagnosis”** UCIMC, Department of EM Conference

2/2007 **“MRSA”**, **“Abdominal/GI Review for the Inservice part 1 & 2”**, **“Visual Diagnosis”**
UCIMC, Department of EM Conference

2/2007 Joint ED/Trauma Case Review: **“Liver disease and the trauma patient”**
UCIMC, Departments of EM and Trauma Surgery

1/2007 **“Visual Diagnosis”** UCIMC, Department of EM Conference

11/2006 **“Reading Knee films”** UCIMC, Department of EM Conference

11/2006 Joint ED/Pediatric Case Review: **Methemoglobinemia and Sulphemoglobinemia**
UCIMC, Departments of EM and Pediatrics

10/2006 **“Tylenol overdose and NAC”**, **“EMRA and your role as a LEADER”**
“Visual Diagnosis”
UCIMC, Department of EM Conference

10/2006 Joint ED/Trauma Case Review: **“Penetrating Neck Trauma/ ED management”**
UCIMC, Departments of EM and Trauma Surgery

9/2006 **“Head Trauma”** UCIMC, Department of EM Conference

8/2006 **“Visual Diagnosis”** UCIMC, Department of EM Conference

7/2006 Joint ED/Trauma Case Review: **“Penetrating Chest Trauma/Review of Thoracotomy”**
UCIMC, Departments of EM and Trauma Surgery

7/2006 **“Reading C-spine Films”**, **“Salter Harris Fractures and Classification”**
“Reading Elbow Films”, **“Reading Acute Abdominal Series Films”**
UCIMC, Department of EM Conference

1/2006 **“Respiratory Potpourri for the Emergency Physician”** UCIMC, Department, EM conf

9/2005 **“Pediatric Sepsis”**, UCIMC, Department of Pediatrics, Intensive Care Unit

9/2005 **“Pediatric Case Presentation: Sepsis”**, UCIMC, Department of Pediatrics

OTHER CLINICAL EXPERIENCES

International

2/2010 **Volunteer Physician**, Public Hospital, EM department, Roatan, Honduras
2/2009 **Volunteer Physician**, Clinica Esperanza 'Ms. Peggy's' Clinic, Roatan, Honduras
4/2008 **Visiting Physician**, Ayatollah Khomeini Hospital, Tehran, Iran
11/2003 – 2004 **Flying Samaritans**, Mexico: various health care clinics of the underserved
6/2001-8/2001 **Mar de Jade Medical Student Program**, Chacala, Mexico

Local

7/2008 – 2009 **Volunteer Physician**, Arbor Free Clinic, VA Medical Center, Menlo Park, CA
8/1999 – 8/2000 **Emergency Medical Technician-I and Emergency Dispatcher**, Rural/Metro Corp.
1/1996 - 6/1996 **HIV Test Peer Counselor**, UCSD Student Health Center
9/1995 - 6/1996 **Student Health Advocate**, UCSD Student Health Center
10/1994 - 1/1997 **Hotline Specialist**, AIDS Foundation San Diego

PROCESS IMPROVEMENT – Stanford

6/2020 – 2021 **ED/Trauma Code IR Task Force member**, SHC
1/2020 – 5/2021 **COVID Surge / Process / Workflows / Testing/ Worker Protection**, EM SHC
11/2019 – 2020 **Hip Fracture Pathway ED/Ortho PI Project, ED MD Lead**, SHC
7/2019 – 2021 **RN Triage Protocols Optimization Task Force MD Lead**, EM SHC
7/2019 – 2021 **ED MD Scheduling Optimization Task Force**, EM SHC
6/2019 - 2021 **5150/Lack Capacity Multi-Disciplinary Task Force Lead**, EM SHC
6/2019 – 1/2020 **Qventus: Emergency Department Integration**, MD co-Lead, EM SHC
5/2019 – 1/2020 **Peer Review/CRC SHC-wide Improvement Task Force**, EM SHC
2/2019 – 11/2019 **Decreasing Time for Signing Verbal Orders Project**, EM SHC
2/2019 – 3/2020 **EM/Orthopaedic monthly Process Improvement Meeting**, SHC
Efficiency, Consult turn-around times, Professionalism, Consult Expectations
1/2019 – 11/2019 **Vertical Zone workflow Optimization – MD Lead**, EM SHC
1/2019 – 3/2020 **Triage and Patient Allocation Optimization -MD Lead**, EM SHC
12/2018 –8/2019 **Palliative Care in the ED**, Co-Collaborator, EM SHC
12/2018 **Updated EM Nursing Triage Protocols**, EM SHC
11/2018 **Multi-Disciplinary 2018 Surge Planning**, MD Lead, EM SHC
11/2018 **ED/Pulm Bronchoscopy workflow**, EM SHC
7/2018 – 2021 **Consult Turn-Around-Times Optimization Project, Leader**, EM SHC
7/2018 – 11/2019 **500P Transition Team**, MD member, EM SHC
6/2018 - 2022 **Multi-Department Admissions Grid and iOS App Development**, EM SHC
5/2018 – present **ED Professionalism Task Force Lead** (in conjunction with GME Director), EM
- A3: Survey of MDs, benchmarking, Interventions: standardized communication, Epic handoff smartphrase, ED admissions workflow posting
5/2018 – 5/2019 **ED/Cardiology fluid management in heart failure/severe sepsis/shock**, EM
- Create new Epic sepsis fluid order, Heart failure consult workflow
5/2018 **ED/Psychiatry Alcohol Withdrawal Admission Criteria**, EM SHC
5/2018 **EMTALA flowchart for Psychiatric ED Patients: Inpatient vs Transfer**, SHC
5/2018 **ED/Trauma Captain and Procedure Roles Assignments**, EM SHC
5/2018 **ED/Infectious Disease Tuberculosis algorithm**, EM SHC
- Discharged and admitted patients
5/2018 **ED/Thoracic Surgery Chest Tube Agreement – Updated**, EM SHC
5/2018 **Prolonged Procedures by Specialists for ED Patients Task Force Leader**, SHC Patient Safety
4/2018 – 1/2020 **ED Patient Discharge Planning Optimization** for SHC follow up care needs

4/2018	ED Pain Control Guidelines/Drug Shortage , EM SHC
4/2018 - 2021	ED/GI Endoscopy workflow , EM SHC
4/2018	Walk in Clinic (WIC) Scope of Practice Creation , EM SHC
3/2018 – 2020	ED Patient Experience MD/RN leadership task force, Leader , EM SHC - Interventions/review, bias assessment, resident engagement/education, consult turn-around times, Courtesy of the MD
1/2018 – 5/2020	Complex Patient FYI Faculty Lead , EM – assessment of overuse of ED of socially and medically complex patients
1/2018	ED MD Policies placed in Epic , EM SoM
9/2017	ED/ObGyn Protocols , EM SoM -Labor and Delivery, Trauma Patients, and Post-partum updates
7/2017 – 1/2020	Case Review Committee Training Task Force for SHC
7/2017 – 2020	Patient Complaint review and response , EM SoM
6/2017 – 5/2020	Sepsis Oversight Committee member , EM SHC – Improve sepsis bundle compliance, Sepsis Tip Sheet, Review sepsis fallouts
6/2017 – 2020	ED/Medicine: Admissions Agreement Task Force Leader , EM SoM
5/2017 – 2018	EM Work-In-Progress (WIP) group member – advance academic productivity
4/2017 – present	Improvement Capability Development Program (ICDP) , EM SHC Physician Improvement Leader– RITE: ED-Radiology Turn-Around times for CT scanning (2017), RITE: ED/Med admissions workflow (2017) Courtesy of MD (2018) Sepsis Bundle Compliance, MD satisfaction with Medicine Admissions, ED-CDU Palliative Care Pathway, CDU Pathways and Optimization, Pediatric Low Acuity Throughput Optimizing Discharge Referral Process, Consult Times for General Pediatrics
4/2017 – present	ED/Trauma Workgroup Member , EM SoM – EM vs Trauma Resident procedure scheduling, Case reviews, Trauma-related ED transfer policy, ICH Admission agreement, OB Trauma response, Rib Fracture Protocol, Trauma PPEC/PIPS meetings
2/2017 – present	ED CRC Member , Care Improvement Committee, SHC – Case review process
1/2017	Institute for HealthCare Improvement Course Completion , San Francisco
1/2017 – 7/2017	ED/Orthopedic: Consultation Procedures Disposition Agreement , EM
12/2016 –present	Monthly ED Leadership Management Council Meeting – General academic ED productivity, issues, quality, and solutions
11/2016	Pregnancy tests in the ED from triage . EM SoM
9/2016 - 2017	ED/Surgery Clinical Pathway Project: Bariatric, Biliary, Appendicitis, & More
7/2016 – 1/2020	EM Patient Safety Dyad , SHC – Sepsis compliance, Radiology Over-reads, SAFE reviews, Tier 3 Dyad training
1/2016-3/2016	Interim Chief , Quality/PPEC, EM SoM
1/2016	Faculty Steering Committee: Senior EM Faculty , EM SoM
1/2016	Faculty Steering Committee: EM Resident Roles , EM SoM
12/2014	EPIC Smartforms: Procedural Ultrasound applications development , EM SoM
7/2014	New ED Design workshop/workgroup , EM SoM
9/2013	Kaizen workshop – ED surge planning “Winter is Coming”, EM SoM
7/2013	ED Process Improvement Workgroup – Improving Patient Triage, EM SoM
11/2012–2021	Clinical Liaison to Radiology Department , EM SoM - Imaging turnaround times, AGFA Go-Live, ED XR reads, Quality ED radiology reads, MRI throughput, Surge Planning, Pregnancy policy, SAFE events, WWWC order history, CT auto-protocolling
1/2012- 2017	Director , US billing and credentialing section, EM SoM
2010 – 2016	Member , Professional Practice Evaluation Committee (PPEC) EM SoM

2009 – 2017

Coordinator, Emergency US Quality Assurance, EM SoM

FACULTY/RESIDENT DEVELOPMENT – Electives, Positions, Projects, and Events:

11/2021 **Media Relations Workshop**, SHC (attended)
11/2020 **ACES 2.0** (Advanced Communication Excellence at Stanford) Course Reviewer, SHC
3/2020 -2021 **COVID Updates** – EM SoM
5/2019 **EM Faculty Development Co-Lead** -Challenging Consultations, EM SoM
7/2018–2022 **Stanford EM Resident Elective in Case Reviews Co-Leader**, EM SoM
11/2017 **ACES** workshop completion, SHC
7/2017 **EM Faculty Development Lead** -ED Ortho Injuries and Technique Tricks, EM SoM
7/2017-present **EM Faculty Awards Committee**, Member, EM SHC
3/2017 **EM Faculty Development Lead**- Critical Care US course, EM SoM
1/2017 **EM Faculty Development Lead**- Nerve Blocks, Cadaver Lab, EM SoM
7/2016–present **Coordinator / Director**, Resident Trauma M&M conference, EM SoM
4/2016 – 2017 **Monthly Team Based Trauma Resuscitation committee**, SHC
4/2015 **EM Faculty Development Lead**: Basic US workshop, EM SoM
10/2014 **Stanford/Kaiser Emergency Medicine Resident Journal Club** – Ultrasound Focus
7/2014 **EM Faculty Development Lead**: EM Game – Ultrasound Cases, EM SoM
6/2014 **EM Faculty Development Lead**: the RUSH Exam: lecture and workshop, EM SoM
2/2014 **Trauma Based Trauma Resuscitation Proctoring** team, SHC
7/2013 – 2015 **Faculty Teaching Committee** for Faculty Development, EM SoM
10/2012–2013 **Course Director**, Train the Trainer: Mid-Level provider: Bedside ultrasound, EM SoM
11/2011 -2017 **Course Director**, Stanford Faculty Development, bi-annual US workshop, EM SoM
11/2011 -2017 **Course Director**, annual Stanford/Kaiser/SCVMC resident EM US workshop, EM SoM
7/2011 - 2017 **Coordinator**, Stanford EM Nurse bedside US Peripheral IV/Bladder training, EM SoM
9/2010 **Lecturer**, Faculty Development Dinner: the RUSH Exam, EM SoM
7/2010–present **Coordinator / Director**, Resident M&M conference, EM, SoM
2009 – 2017 **Coordinator**, Emergency US Teaching Files, EM SoM
2009 – 2013 **Coordinator**, Emergency US Resident elective, EM SoM
2009 – 2013 **Coordinator**, Emergency US Educational/Workshop curriculum, EM SoM
2009 – 2014 **Coordinator**, International Emergency US Education, EM SoM
2008 –2018 **Faculty/resident credentialing/privileging** for Emergency US applications, EM SoM
2008 – 2012 EM Nurses’ Annual Education for Ultrasound guided Peripheral IV placement, EM SoM
2008 – 2012 EM Nurses’ Annual Education for Bladder scanning and Volume measurement, EM SoM
2008 **Faculty Workshop/Dinner**: US guided Central Line Placement, EM SoM
2007 – 7/2017 **Coordinator**, US scanning shifts for EM US education for Faculty/Residents, EM SoM
2007 - 2016 **Coordinator**, Emergency Ultrasound Research Organization (EURO), EM SoM

STUDENT DEVELOPMENT – Positions, Projects, and Events:

2008 – 2021 SIMS pre-med program Mentor, SoM
2009 – 2016 Co-Faculty Director, Emergency Medicine Interest Group (EMIG), Stanford SoM
2009 – 2013 Coordinator, Emergency US Student elective, EM SoM

LEADERSHIP

7/2022 - present **US Section Chief Search Committee Member**, EM SoM
2/2022 – 7/2022 **Adult Medical Director Search Committee Member**, EM SoM
6/2021 – present **Board Member**, Clinical Ultrasound Accreditation Program (CUAP), ACEP
-monthly meetings; develop mission/vision/goal
-project: diversity, equity and inclusion for board membership; nominating committee for CUAP Board; Lapsed programs review
7/2020 – present **ED Board Member, Diversity, Equity and Inclusion Committee**, EM, SoM

6/2020 – 3/2022 **Co-Chair, ED Operations Leadership Development, SAEM/AWAEM Administration Committee**

1/2020 – present **PARS Messenger, SHC**

9/2019 **Stanford Residency Program Director Search Committee Member, EM SoM**

7/2019 – present **Co-Lead, EM Supporting Strategic Plan:**
Precision EM in clinical care, formerly titled Optimize the Clinical Environment
-Projects: Standardized Sign Out Process, Physician/Nurse wellness regarding patient placement, Epic charting optimization, Hospital at home

7/2019 – present **Committee of Faculty Professionalism, EM representative, SHC**

5/2019 – present **SAEM: Member, ED Admin and Clinical Operations Committee**

4/2019 – 4/2020 **Management Member, Task Force for PAMA CMS Radiology Imaging**

1/2019 – 1/2020 **SAEM: Academy/Emergency Ultrasound, Social Media Committee member**

2/2018 – present **ED Faculty Affairs & Promotions – Operations Faculty, EM**

1/2018 – 2021 **Unit Based Medical Directors Committee Dyad Member, SHC**
-monthly SHC meetings, annual presentation of EM Department Report Out

11/2017 – 2020 **Co-Trainer, Taxonomy Factors/Case Review Committee, SHC**

7/2017 – present **Improvement Capability Development Program,**
Physician Improvement Leader, Department of EM
-build team to lead projects for various ED process improvement needs,
-bi-annual project presentation to SHC and ICDP leadership

7/2017 – 1/2022 **Quality, Patient Safety and Experience Committee Member, SHC**
-annual presentation of EM Department Report Out

7/2017 – 1/2022 **ED Management Committee (EDMC) faculty lead, Department of EM**

7/2017 – 1/2022 **Medical Director, Adult EM, Department of EM, SoM**

4/2017 12/2015 **Interview Committee, EM Department Chair Search, SoM**

4/2017 **Consultant, Realizing Improvement Through Team Empowerment (RITE):**
ED to IM Admissions

2/2017 **Search Committee member, EM Critical Care Program faculty, SoM EM**

1/2017 – 2019 **Consultant, International Consensus Conference on US in Medical Education, WINFOCUS (World Interactive Network Focused on Critical Ultrasound) and SUSME (Society of US in Medical Education)**
Duties: advise the voting panel and provide essential input through online “consultant” voting as well as through open online discussion forums

7/2016 – 1/2022 **Patient Safety Champion, Department of EM, SHC**

7/2016 **Search Committee member, Director of Pre-Hospital/EMS, SoM EM**

5/2016 – present **Co-Trauma Surgery Liaison, Department of EM, SoM**

4/2016 – 2018 **Lead, Realizing Improvement Through Team Empowerment (RITE):**
CT order to scan time

4/2016 – present **Co-Chair, Case Review Committee, formerly PPEC Committee, EM, SoM**

4/2016 – 2017 **Lead, Radiology/EM A3 project: MRI order to scan for stroke/cord compression**

1/2016 – 2017 **Mentor, AAEM/RSA blog**

1/2016 – 7/2017 **Assistant Medical Director, Adult EM/Emergency Imaging, SoM EM**

1/2016 - 3/2016 **Interim Chief, Quality /PPEC, SoM EM**

12/2015 **Search Committee Director, EM US Faculty, SoM EM**

3/2015 – 2017 **Mentor, ALiEM Fellowship and Chief Resident Incubator**

3/2015 – present **Reviewer, ACEP Clinical US Accreditation Program**

10/2014 – 2018 **Co-Chair, ACEP US Section Newsletter**

11/2012–2021 **Clinical Liaison to Stanford Radiology Department, SoM EM**

1/2012 – 2018 **ACEP US Section Newsletter Editor/Author – Tips and Tricks**

7/2009 – 2013 **CalACEP, Education Committee, Member / Ultrasound Section**

7/2006 – 2012 **CalAAEM, Academic Task Force (ATF) Member**

7/2006 – 6/2007	CalAAEM/ WestJEM Resident Representative , UCIMC
7/2005 – 10/2006	Emergency Medicine Resident’s Association (EMRA) Steering Committee Member
7/2004 – 10/2006	EMRA Representative , UCIMC, Department of Emergency Medicine
9/2003	Executive aide , 2 nd Int’l Mediterranean EM Congress, Spain; Leader: Dr. Antoine Kazzi
7/2003 – 7/2004	Co-President , Associated Medical Student Government (AMSG), UCI-SOM
6/2003 – 7/2004	Co-Vice President , UCI EMIG, Tag Along & Mentoring Program
2/2003 – 7/2004	Medical Student Representative , UCI Alumni Association
2/2003 – 6/2004	American College of Emergency Physicians (ACEP) Delegate , American Medical Association (AMA)
2/2002 – 2/2003	ACEP Alternate Delegate , AMA
10/2001 – 6/2002	Anatomy Student Focus Group , UCI-SOM, Advisor: Dr. Robert Leonard
9/2001 – 7/2004	Founder and Co-Coordinator , The Ride-Along Program, UCI-SOM Advisor: Dr. Jennifer Oman
9/2001 – 5/2002	Dean’s Financial Aid Task Force , UCI-SOM, Advisor: Dr. Alberto Manetta
1/2001 – 2/2002	Chairperson , UCI Clinica Carino, MD Alumni Search Committee, UCI-SOM
9/2000 – 6/2004	Dean’s Student Advisory Board Member , UCI-SOM, Advisor: Dr. Alberto Manetta
9/2000 – 5/2002	Coordinator , Medical Scholars Program, UCI-SOM, Advisor: Dr. Alberto Manetta
8/1998 - 6/1999	Founder and President , Postbac Prehealth Association, SDSU
9/1994 - 6/1996	Founder and Secretary , Determined Advocates of Social Health, UCSD

COMMUNITY SERVICE AND OUTREACH

2010	Lecturer , EMS project, Nepal
2009	Lecturer , EMS project, Hyderabad India
9/2000 – 6/2001	Community Oriented Service Project , Filipino Veterans Healthcare Access, UCI-SOM
9/2000 – 6/2001	Latino Health Access door-to-door Vaccination Project advocate , UCI-SOM
1/1999 - 5/1999	Peer Advisor , Pre-professional Health Advising Office, SDSU
11/1999	Coordinator , Prehealth Associations Come Together Children’s Fundraising day, SDSU
12/1995	Coordinator , National AIDS Day, UCSD

NATIONAL SOCIETY MEMBERSHIPS

2009 – 2019	American Institute of Ultrasound in Medicine (AIUM)
9/2003 – present	American Academy of Emergency Medicine (AAEM)
9/2000 – present	American College of Emergency Physicians (ACEP)
9/2000 – present	Society of Academic Emergency Medicine (SAEM)
9/2000 – 2013	American Medical Association (AMA)
9/2000 – 2009	Emergency Medicine Residents Association (EMRA)
8/1998 – 2005	American Medical Student Association (AMSA)

REGIONAL SOCIETY MEMBERSHIPS

6/2004 – present	Cal-ACEP
6/2004 – present	Cal-AAEM
6/2003 – 6/2007	Society of Orange County Emergency Physicians (SOCEP)

HONORS/AWARDS

2020	Stanford Integrated Strategic Plan Star Award – Clinical Operations Team (COVID)
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2019 **2019 Medical Director Award**, Academy for Women in Academic Emergency Medicine, SAEM national meeting, Las Vegas, NV

2018 **SV Mahadevan Leadership Award (Inaugural)**, Department of EM, SoM

2017 **Teaching Excellence Award**, Academy of Emergency Ultrasound, SAEM

2016 **Certificate of Achievement**, ACEP American Assoc. of Women Emergency Physicians

2016 **Year-End Faculty Clinical Teaching–Honorable mention**, SoM, Department of EM

2015 **Year-End Faculty Clinical Teaching–Honorable mention**, SoM, Department of EM

2014 **ACEP US Section, Award of Distinction, Best Newsletter**, ACEP Scientific Assembly

2014 **Top Section Editor of the Year, WestJEM 2013-2014**

Summer/2012 **Quarterly Faculty Clinical Teaching Award**, SoM, EM Division

Fall/2012 **Quarterly Faculty Clinical Teaching Award**, SoM, EM Division

2012 **Alumni of the Year**, EM Residency, UC Irvine

2011 **Year-End Faculty Clinical Teaching Award**, SoM, EM Division

2010 **Quarterly Faculty Clinical Teaching Award**, SoM, EM Division

2008 **Award of Recognition for Service**, Hospitalito Atitlan, Guatemala

2007 **Quarterly Faculty Clinical Teaching Award**, SoM, EM Division

2007 **Resident of the Year**, UCI EM Residency Graduation, Department of EM, UCIMC

2007 **Best Resident Research Project**, UCIMC, Department of EM
An Evaluation of the Sensitivity and Specificity of the FAST scan in Blunt Abdominal Trauma in the Pediatric Population

2006 **Cal-ACEP Scientific Assembly Best Research Project:**
An Evaluation of the Sensitivity and Specificity of the FAST scan in Blunt Abdominal Trauma in the Pediatric Population

2005 **Long Beach Memorial Medical Center Applause Award for Outstanding Service**
MemorialCare, Intensive Care Unit, Long Beach, CA

2004 **Faculty Award for Clinical Excellence**, UCI-SOM Department of EM

2004 **UCI-SOM Office of Educational Affairs Service Award** and plaque

2004 **Award of Appreciation**, UCI-SOM Department of EM
EMIG Tag Along Program

2004 **AMSG Service Award**, UCI-SOM

2003 **AMSG Service Award**, UCI-SOM

1997 **The National Dean’s List Honor Society**, Volume II, 21st Annual Edition

1995 **Award of Recognition**, AIDS Foundation, San Diego

1994 **Award of Appreciation**, Center for Women’s Studies and Services

1993 **The Volunteer Project Fifth Point of Light**, The Bridge, San Diego

INDUSTRY ENGAGEMENT

2008-2021 **SonoSite/FujiFilm** – Presenter at Investor round ups, Webinars

2019-2020 **QVentus** – Physician lead for ED integration pilot

CONSULTANT WORK

2021 – present **Ceribell**, point of care non-convulsive seizure monitoring

2021 **Intelligent Automation**, AI project for point of care US - *DARPA proposal write-up*

2020-2021 **SonoSite/FujiFilm**, Point-of-care ultrasound webinars, product reviews

2018 – present **EXOImaging**, point of care ultrasound technologies

2017- 2019 **Medical Advisory Board, Exo Systems** – hand-held ultrasound for device development

2017- 2018 **UltraSee** – hand-held ultrasound for device development

MENTORSHIP – Past and Present Mentors:

Mark Langdorf, MD

Chris Fox, MD

Vicki Noble, MD
Resa Lewiss, MD
Jennifer Oman, MD
Sarah Williams, MD
SV Mahadevan, MD
Matt Strehlow, MD
Sam Shen, MD
Don Schreiber, MD

MENTORSHIP – Past and Present Mentees:

Stanford Undergraduates (SIMS):

Shreya Louis
Glenn Yu
Kim Hall
Aliyah Sarro-Schwartz
Haley Spector
Ribhav Gupta

Stanford Medical Students

Jennifer Przybylo
William White

Stanford Emergency Medicine Residents:

Julia Sun, MD
Sophie Cohen, MD
William Gibb, MD
Katrina Houpis, MD
Kimberly Moulton, MD
Siobhan Smith, MD
Katie Doering, MD
Erin Cullnan, MD
Michelle Hunter-Behrend, MD
Maria Ortega, MD

Stanford Ultrasound Fellows

Steve Crandall, MD
Brita Zaia, MD
Zoe Howard, MD
David Francis, MD
Viveta Lobo, MD
Alice Chao, MD
Josh Ennis, MD
Mansour Jammal, MD
Michelle Hunter-Behrend, MD
Chloe Huang, MD

Stanford EM Faculty

Cherrelle Smith, MD
Marjan Skar-Ghazi, MD
Kimberly Schertzer, MD
Viveta Lobo, MD

Jennifer Newberry, MD
Nikita Joshi, MD

Visiting Physicians US program

Patrick Gottlieb, MD - Canada
Leo Ferraro, MD – Brazil
Zaur Ibrahimov, MD - Turkey

CERTIFICATIONS

7/2009 – present	APLS certification, SoM
11/2006 – present	ATLS certification – Committee on Trauma, American College of Surgeons
10/2005-present	Pediatric Advanced Life Support certification – American Heart Association
3/2004 - present	Advanced Cardiac Life Support certification – American Heart Association
3/2002 – 3/2004	Basic Life Support certification for Health care providers – American Heart Association
8/1999 – 8/2001	Emergency Medical Technician (EMT-I) – San Diego and National EMS

PROCEDURE COMPETENCIES - Available upon request

LANGUAGES: Fluent English/Farsi/Spanish, and intermediate American Sign Language

HOBBIES: Making my kids laugh, pianist, dance (hip-hop), cooking, arts & crafts, travel

References available upon request.