

CURRICULUM VITAE
Jared T Marx, MD, AEMUS FPD

EDUCATION

2000 - 2003	Bachelor of Arts, Spanish; Minor; Chemistry, Weber State University, Ogden, UT
2003 - 2007	Doctor of Medicine, University of Texas Health Science Center at San Antonio, TX

POST DEGREE TRAINING

2007 - 2010	Resident, Emergency Medicine, University of Nebraska Medical Center, Omaha, NE
2010 - 2011	Fellow, Emergency Ultrasound, Palmetto Health Richland, Columbia, SC

CONTINUING EDUCATION AND TRAINING

2010 - 2010	Emergency Ultrasound Management Course, Scientific Assembly, American College of Emergency Physicians, Las Vegas, NV
2012 - 2012	Emergency Ultrasound Management Course, Scientific Assembly, American College of Emergency Physicians, Denver, CO
2012 - 2014	Faculty Leadership Academy- Phases I and II, Advisory Board Company. Washington DC and University of Kansas Hospital, Kansas City, KS
2014 - 2014	Emergency Ultrasound Management Course, Advanced Track, Scientific Assembly, American College of Emergency Physicians, Chicago, IL
2014 - 2015	Faculty Quality Academy, University of Kansas Hospital, Kansas City, KS
02/2018 - 03/2018	Power Presentations, University of Nebraska Medical Center
05/2024 - 05/2024	Resuscitative TEE Workshop, Mayo Clinic

ACADEMIC APPOINTMENTS

2021 - Present	Professor of Emergency Medicine, Emergency Medicine, University of Nebraska College of Medicine, Omaha, NE
2019 - Present	Advanced EM Ultrasonography Fellowship Director, Emergency Medicine, University of Nebraska College of Medicine, Omaha, NE
2020 - 2022	Director: POCUS Coil, College of Medicine, University of Nebraska Medical Center, Omaha, NE
2019 - 2020	Co-Director: POCUS Coil, College of Medicine, University of Nebraska Medical Center, Omaha, NE
2017 - 2021	Associate Professor, Emergency Medicine, University of Nebraska Medical Center, Omaha, NE
2016 - 2017	Associate Professor, Emergency Medicine, University of Kansas School of Medicine, Kansas City, KS
2016 - 2016	Clinical Associate Professor, Emergency Medicine, University of Kansas

2014 - 2017	Hospital, Kansas City, KS Emergency Ultrasound Administrative Fellowship Director, Emergency Medicine, University of Kansas Hospital, Kansas City, KS
2011 - 2016	Clinical Assistant Professor, Emergency Medicine, University of Kansas Hospital, Kansas City, KS
2010 - 2011	Emergency Ultrasound Fellow, Emergency Department, Palmetto Health Richland, Columbia, SC
2009 - 2010	Chief Resident, Emergency Medicine, University of Nebraska Medical Center, Omaha, NE

CERTIFICATIONS AND LICENSES

2007 - 2010	Advanced Trauma Life Support (ATLS)
2007 - 2011	Advanced Cardiovascular Life Support (ACLS)
2007 - 2011	Pediatric Advanced Life Support (PALS)
2011 - Present	American Board of Emergency Medicine 49291
2017 - 2020	Advanced Trauma Life Support (ATLS)
2022 - Present	American Board of Emergency Medicine: Advanced Emergency Medicine Ultrasonography Focused Practice Designation (AEMUS FPD)
2009 - Present	Nebraska Medical License, Nebraska, 25328
2010 - 2013	South Carolina License, South Carolina, 32519
2011 - 2017	Kansas Medical License, Kansas, 04-34966

GRANTS AND CONTRACT SUPPORT

PATENTS

- 1 Oral Specimen Collection Apparatus. (Serial No. US 63/381,250) (UNMC Docket #UNE 21021P) 01/27/2022.

OTHER APPOINTMENTS AND POSITIONS

2010 - 2011	Attending Physician, Emergency Department, Carolina Care LLC; Palmetto Heath Richland, Columbia, SC
2011 - 2015	Ultrasound Director, Emergency Department, University of Kansas Hospital, Kansas City, KS
2011 - 2017	Attending Physician, Emergency Department, University of Kansas Hospital Emergency Medicine, Kansas City, KS
2015 - 2017	Emergency Ultrasound Division Chief, Emergency Medicine, University of Kansas Hospital, Kansas City, KS
2017 - Present	Attending Staff Physician, Emergency Medicine, Nebraska Medicine, Omaha, NE
2017 - Present	Ultrasound Director, Emergency Medicine, Nebraska Medicine, Omaha, NE

CONSULTING POSITIONS

Other

2015 - 2015 Institutional Reviewer, Clinical Ultrasound Accreditation Program (CUAP), American College of Emergency Physicians

HONORS AND AWARDS

2006 George W. Brackenridge Scholarship, University of Texas Health Science Center, San Antonio, TX

2009-2010 Chief Resident Emergency Medicine, Emergency Medicine Residency Program, University of Nebraska Medical Center, Omaha, NE

2010-Present Fellow, American Academy of Emergency Medicine

2012-Present Fellow, American College of Emergency Physicians

2017 Faculty Educator of the Year, University of Kansas Medical Center, Emergency Medicine Residency, Kansas City, KS

2022 Certificate of Appreciation, Clinical Ultrasound Accreditation Program - American College of Emergency Physicians

2023 Licensed Technology - Oral Specimen Collection Apparatus, UNeMed Innovation Awards 2023

MEMBERSHIPS AND OFFICES IN PROFESSIONAL SOCIETIES

Present Member, American College of Emergency Physicians

Present Member, American Academy of Emergency Medicine

Present Member, Society of Academic Emergency Medicine

Present Member, American Institute of Ultrasound in Medicine

Present Member, American Academy of Emergency Medicine

COMMITTEE ASSIGNMENTS**College of Medicine**

2021 - Present Member, Professor and Tenure Promotion Committee (PTPC), University of Nebraska College of Medicine, Omaha, NE

Departmental

2017 - Present Member, Faculty Education Committee, Department of Emergency Medicine; University of Nebraska Medical Center, Omaha, NE

2019 - Present Member, Peer Review Committee, Department of Emergency Medicine; University of Nebraska Medical Center, Omaha, NE

National/International

2015 - 2022 Board Member, Clinical Ultrasound Accreditation Program (CUAP), American College of Emergency Physicians

2017 - 2018 Ex-Officio Board Member, Geriatric Emergency Department Accreditation, American College of Emergency Physicians

2019 - 2021 Board Member - Secretary, ACEP's Clinical Ultrasound Accreditation

Program (CUAP), American College of Emergency Physicians

University-Wide

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| 2011 - 2017 | Member, Hemodynamic Committee, University of Kansas Hospital, Kansas City, KS |
| 2011 - 2017 | Member, Critical Care Committee, University of Kansas Hospital, Kansas City, KS |
| 2015 - 2017 | Co-Chair, Point of Care Ultrasound Committee, University of Kansas Hospital, Kansas City, KS |

UNMC

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| 2025 - Present | Member, Pulmonary Embolism Response Team Review Committee, PERT Team Review |
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PRESENTATIONS

1. Marx J. Critical Care Ultrasound. Emergency Medicine Residency Program; 2011. University of Iowa
2. Marx J. Bedside Ultrasound: Critical Care Ultrasound: Cardiac Ultrasound. Invited Grand Rounds Emergency Medicine Residency Program; 2014. University of Nebraska Medical Center
3. Marx J. Intern Orientation Bedside Ultrasound: Introduction to Bedside Ultrasound. Invited Workshop Emergency Medicine Residency Program, Skills Lab (16 Hours); 2014. University of Nebraska Medical Center
4. Marx J. Bedside Ultrasound: Cardiac Ultrasound. Invited Lecture, Trauma Lecture Series, Department of Surgery; 2015. University of Kansas University
5. Marx J. Midlevel Bootcamp; Bedside Ultrasound: Cardiac Ultrasound. Invited Workshop, Ultrasound Skills Lab (2 Hours); 2016. Kansas University Medical Center
6. Marx J. Midlevel Bootcamp; Bedside Ultrasound: Cardiac Ultrasound. Invited Lecture; 2016. Kansas University Medical Center
7. Marx J. Cases: Shortness of Breath. Emergency Residency: Grand Rounds; 2017. University of Nebraska Medical Center
8. Marx J. Fisica de ultrasonido basico y Bontones Basicos. 2018 Sep. Archbishop Loayza National Hospital, Universidad Peruana Cayetano Heredia, Lima, Lima, Peru
9. Marx J. Ultrasonido Cardiaco Basico. 2018 Sep. Archbishop Loayza National Hospital, Universidad Peruana Cayetano Heredia, Lima, Lima, Peru
10. Marx J. Ultrasonido de Musculo Esqueletico: Efusiones, Dislocaciones, Fracturas, y Tendones. 2018 Sep. Archbishop Loayza National Hospital, Universidad Peruana Cayetano Heredia, Lima, Lima, Peru
11. Marx J. Ultrasonido de Vesicula Biliar. 2018 Sep. Archbishop Loayza National Hospital, Universidad Peruana Cayetano Heredia, Lima, Lima, Peru
12. Marx J. Acceso Venoso con Guia de Ultrasonido e Identificacion y Saqueo de Cuerpos Extranos con Guia de Ultrasonido. 2018 Sep. Archbishop Loayza National Hospital, Universidad Peruana Cayetano Heredia, Lima, Lima, Peru
13. Marx J. Patologia y casos de Aorta Abdominal y Ultrasonido de las Venas Profundas de las Extremidades Bajas. 2018 Sep. Archbishop Loayza National Hospital, Universidad

- Peruana Cayetano Heredia, Lima, Lima, Peru
14. Marx J. Ultrasonido de Tejidos Blandos. 2018 Sep. Archbishop Loayza National Hospital, Universidad Peruana Cayetano Heredia, Lima, Lima, Peru
 15. Marx J. Ultrasonido para Trombosis de las Venas Profundas (TVP) de las Extremidades Bajas. 2018 Sep. Archbishop Loayza National Hospital, Universidad Peruana Cayetano Heredia, Lima, Lima, Peru
 16. Marx J. Ultrasonido de Aorta Abdominal. 2018 Sep. Archbishop Loayza National Hospital, Universidad Peruana Cayetano Heredia, Lima, Lima, Peru
 17. Marx J. Patología y casos en Ultrasonido Cardíaco, Ultrasonido Torácico, y E-FAST. 2018 Sep. Archbishop Loayza National Hospital, Universidad Peruana Cayetano Heredia, Lima, Lima, Peru
 18. Marx J. Ultrasonido Torácico. 2018 Sep. Archbishop Loayza National Hospital, Universidad Peruana Cayetano Heredia, Lima, Lima, Peru
 19. Marx J; Nelsen DJ. Evaluating the Emergent Patient: Pump and Tank. 2019 Aug. Hunan Provincial People's Hospital, Changsha, Hunan, China
 20. Marx J; Nelsen DJ. Evaluating the Emergent Patient: Pipes. 2019 Aug. Hunan Provincial People's Hospital, Changsha, Hunan, China
 21. Marx J; Nelsen DJ. Evaluating the Emergent Patient: General Considerations. 2019 Aug. Hunan Provincial People's Hospital, Changsha, Hunan, China
 22. Marx J. Accreditation Breakout Group Leader. Emergency Ultrasound Management Course: Scientific Assembly Pre-course, American College of Emergency Physicians; 2019 Oct. Denver, CO
 23. Marx JT. Quality, Safety, and Accreditation. Emergency Ultrasound Management Course: Scientific Assembly Pre-course, American College of Emergency Physicians; 2020 Oct 07. Virtual Presentation
 24. Marx JT. POCUS: Heart, Lungs and Fluid Management. Hunan Provincial People's Hospital; 2020 Dec. Changsha, Hunan, China
 25. Marx JT. Lower Extremity DVT Ultrasound. Hunan Provincial People's Hospital; 2020 Dec. Changsha, Hunan, China
 26. Marx JT. Quality, Safety, and Accreditation. Emergency Ultrasound Management Course: Scientific Assembly Pre-course, American College of Emergency Physicians; 2021 Oct 24. Boston, MA
 27. Marx JT. Distance hands-on training in the COVID-19 era. Innovative Ultrasound Cloud Simulation; 2021 Dec 17. Webinar
 28. Marx JT. EFAST - Ultrasound Use in Trauma. Hunan Provincial People's Hospital Ultrasound Conference; 2021 Dec 16. Hunan Provincial People's Hospital, Changsha, Hunan, China - Video Conference
 29. Marx JT. EFAST - Case of Hemoperitoneum. Hunan Provincial People's Hospital Ultrasound Conference; 2021 Dec 16. Hunan Provincial People's Hospital, Changsha, Hunan, China - Video Conference
 30. Marx JT. EFAST - Case of Hemopericardium. Hunan Provincial People's Hospital Ultrasound Conference; 2021 Dec 16. Hunan Provincial People's Hospital, Changsha, Hunan, China - Video Conference
 31. Marx JT. EFAST - Case of Pneumothorax. Hunan Provincial People's Hospital Ultrasound Conference; 2021 Dec 16. Hunan Provincial People's Hospital, Changsha, Hunan, China - Video Conference

32. Marx JT. Clinical Ultrasound Accreditation: Why It Should Matter to You. Emergency Ultrasound Management Course: Scientific Assembly Pre-course, American College of Emergency Physicians; 2022 Sep 30. San Francisco, CA, USA
33. Marx JT. E-FAST in Trauma. Stormont Vail Health: 2022 Trauma & Critical Care Symposium; 2022 Oct 14. Stormont Vail Health, Topeka, KS, USA
34. Marx JT. Point of Care Ultrasound in Evaluation of Acute Kidney Injury. Hunan Provincial People's Hospital Ultrasound Conference; 2022 Dec. Hunan Provincial People's Hospital, Changsha, Hunan, China - Video Conference
35. Marx JT. Point of Care Ultrasound: Basic Renal Ultrasound. Hunan Provincial People's Hospital Ultrasound Conference; 2022 Dec. Hunan Provincial People's Hospital, Changsha, Hunan, China - Video Conference
36. Marx JT. Effectiveness of Remote Mentoring to Teach Focused Cardiac Ultrasound - a randomized control pilot study. IMSH; 2023 Jan 25. Orlando, FL, USA
37. Marx JT. POCUS: Heart, Lungs and Fluid Management. 8th Asia-Pacific International Emergency Forum - Chinese Medical Association; 2023 Jul. Changsha, Hunan, China
38. Marx JT. Ultrasound Accreditation: Why It Should Matter to You. Emergency Ultrasound Management Course: Scientific Assembly Pre-course, American College of Emergency Physicians; 2023 Oct 8. Philadelphia, PA
39. Marx JT. POCUS in the Emergency Department. 2023 Health Overseas Talent Forum; 2023 Dec. Hunan Provincial Health Commission - Hunan, China
40. Marx JT. POCUS in Cardiogenic Shock. 2023 Health Overseas Talent Forum; 2023 Dec. Hunan Provincial Health Commission - Hunan, China
41. King JC; Johnson RR; Geske JA; Marx JT. AAA screening rates in Internal Medicine and Family Medicine at UNMC. 2024 North American Primary Care Research Group - Annual Meeting; 2024 11/20. Quebec City Conventions Center, Quebec City, Quebec, Canada
42. Marx JT. Accreditation and Why It Matters. Emergency Ultrasound Management Course: Scientific Assembly Pre-course, American College of Emergency Physicians; 2024 09/28. Las Vegas, NV
43. Marx JT. E-FAST exam. The Point-of-Care Ultrasound Application Training Course for Acute and Critical Illnesses of Hunan Province (The Ninth Session); 2024 Dec. Changsha, Hunan, China
44. King JC; Johnson RR; Geske JA; Marx JT. AAA screening rates in Internal Medicine and Family Medicine at UNMC. Sound Emergency Medicine Conference; 2025 Feb 07. Des Moines, IA
45. Marx JT. Biliary Ultrasound. SOUND EM; 2025 Feb 7. Unity Point Health - Des Moines, IA
46. Marx JT. Cardiac Ultrasound. SOUND EM; 2025 Feb 8. Unity Point Health - Des Moines, IA
47. Marx JT. Ultrasound Guided Vascular Access. Critical Care Ultrasound Course; 2025 May 20. University of Nebraska Medical Center, Omaha, NE
48. Marx JT. Cardiac Ultrasound. Critical Care Ultrasound Course; 2025 May 20. University of Nebraska Medical Center, Omaha, NE
49. Marx JT. Round Table - Clinical Implementation of POCUS. Critical Care Ultrasound Course; 2025 May 20. University of Nebraska Medical Center, Omaha, NE
50. Marx JT. POCUS Critical Care Cases. Critical Care Ultrasound Course; 2025 May 20.

- University of Nebraska Medical Center, Omaha, NE
51. Marx JT. Shoulder Ultrasound. SOUND EM; 2026 Feb 28. Unity Point Health - Des Moines, IA
 52. Marx JT. Lower Extremity DVT Ultrasound. SOUND EM; 2026 Feb 27. Unity Point Health - Des Moines, IA
 53. Marx JT. POCUS Critical Care Cases. Critical Care Ultrasound Course; 2026 May 05. University of Nebraska Medical Center, Omaha, NE
 54. Marx JT. Cardiac Ultrasound. Critical Care Ultrasound Course; 2026 May 05. University of Nebraska Medical Center, Omaha, NE
 55. Marx JT. Round Table - Clinical Implementation of POCUS. Critical Care Ultrasound Course; 2026 May 05. University of Nebraska Medical Center, Omaha, NE

PUBLICATIONS

A. ARTICLES PUBLISHED IN SCHOLARLY JOURNALS

1. Adhikari S; Marx J; Crum TJ. Point-of-care ultrasound diagnosis of acute Achilles tendon rupture in the ED. *The American Journal of Emergency Medicine*. 2012; Vol. 30 (4): p. e633-634. 0735-6757
2. Brown B; Adhikari SR; Marx JT; Lander L. Introduction of ultrasound into gross anatomy curriculum: perceptions of medical students. *The Journal of emergency medicine*. 2012; Vol. 43 (6) 0736-4679
3. Adhikari SR; Marx J. Point-of-care ultrasound diagnosis of a ruptured live ectopic pregnancy with massive hemoperitoneum. *The Journal of emergency medicine*. 2013 Jan; Vol. 44 (1): p. 194-196. 0736-4679
4. Marx JT; Blaivas M. Airway and Thoracic Ultrasound. *Ultrasound Clinics*. 2014 Apr; Vol. 9 (2): p. 211-216
5. Adhikari S; Schmier C; Marx JT. Focused simulation training: emergency department nurses' confidence and comfort level in performing ultrasound-guided vascular access. *Journal of Vascular Access*. 2015 Jun; Vol. 16 (6): p. 515-520. 1129-7298
6. Marx JT; Virkler J. Diagnosis of an Arteriovenous (AV) Graft Pseudoaneurysm by Bedside Ultrasound in the Emergency Department. *The Journal of emergency medicine*. 2016 Feb; Vol. 50 (2): p. 330-332. 0736-4679
7. Jackson BS, Sepula M, Marx JT, Cannon CM. Inferior Vena Cava Filter Limb Fracture with Embolization to the Right Ventricle. *J Emerg Med*. 53: 248-251. 2017
8. Bowman CF; Pruitt B; Marx J; Thornton SL. Massive Iatrogenic Pediatric Ketamine Overdose with Serial Levels and Minimal Morbidity. *Pediatric emergency care*. 2019 Feb; 0749-5161
9. Jackson BS; Sarani N; Marx JT; Cannon CM. Suture Granuloma Diagnosed and Treated with Bedside Ultrasound. *The Journal of emergency medicine*. 2021 Aug; Vol. 62 (1): p. e1-e4. 0736-4679
10. Lamarche R; Marx JT; Ma J; Claudy SL. Perceived Importance of Ultrasound Vascular Access Education among Residents. *Graduate Medical Education Research Journal*. 2023 Dec; Vol. 5 (2)

B. ARTICLES ACCEPTED FOR PUBLICATION IN SCHOLARLY JOURNALS

Not Applicable

C. ARTICLES SUBMITTED FOR PUBLICATION IN SCHOLARLY JOURNALS

Not Applicable

D. BOOKS PUBLISHED, IN PREPARATION, SUBMITTED OR IN PRESS

Not Applicable

E. CHAPTERS IN BOOKS

1. Marx JT. Mattu A, et al. Avoiding Common Errors in the Emergency Department. Second. Lippincott Williams and Wilkins; 2017. Early Pregnancy: Sifting out the potential catastrophes from the worried well
2. Marx JT. Ultrasound Program Management. 2nd. Springer; 2025. Ultrasound Accreditation

F. BOOKS OR JOURNALS EDITED

Not Applicable

G. ABSTRACTS AND PRELIMINARY COMMUNICATIONS

1. Adhikari S; Schmier CA; Marx J; Barnason SA. Focused ultrasound simulation training: An assessment of emergency medicine nurses' confidence, comfort level and competency in performing us guided vascular access. Acad Emerg Med. 2010, Vol. 17 (5): S119
2. Thornton SL; Pruitt B; Marx J. Massive inadvertent pediatric ketamine overdose with serial levels. Clinical Toxicology. 2015, Vol. 53 (7): 719
3. Gronbeck KR; Barksdale A; Marx JT. The Role of Point of Care Ultrasound in the Diagnosis and Management of Shoulder Dislocation. Annals of Emergency Medicine. 2021 Oct, Vol. 78: s131
4. Lamarche R; Claudy S; Marx JT; Ma J. Pediatric and Medicine Residents' Perceptions of Ultrasound Vascular Access & Results of an Inter-Specialty Simulation-Based Ultrasound Vascular Access Workshop. Chest 2022; Nashville, TN. CHEST Journal. 2022 Oct, Vol. 162: A2603
5. Nguyen TT; Bonk CL; Nelsen DJ; Marx JT. Evaluating the Feasibility of Using a Tele-Mentoring Model in Performing a Two-Point Deep Vein Thrombosis (DVT) Ultrasound Scan with Novice Sonographers. Innovations in Health Sciences Education Journal. 2023 Mar, Vol. 1: Iss 3
6. Marx JT; Bonk CL; Nelsen DJ; Lyden ER; Misra A. Effectiveness of Remote Mentoring to Teach Focused Cardiac Ultrasound - a randomized control pilot study. IMSH 2023; Orlando, FL, USA. The Journal of the Society for Simulation in Healthcare. 2023 Jun, Vol. 18(3): e1-e42

7. Nguyen, Thanh; Marx JT. Evaluating the feasibility of using a tele-mentoring model in performing a two-point deep venous thrombosis (DVT) ultrasound scan with novice sonographers. World Association for Disaster and Emergency Medicine 2025 Conference; Tokyo, Japan. 2025 Jun
8. Nguyen TT; Bonk CL; Nelsen DJ; Tremwel MM; Marx JT. Evaluating the Feasibility of Using a Tele-Mentoring Model in Performing a Two-Point Deep Venous Thrombosis (DVT) Ultrasound Scan with Novice Sonographers. Prehospital and Disaster Medicine. 2026, Vol. 41(s1): s53-s54
9. Larson JP; Pickett SE; Marx JT. Divergent Inferior Vena Cava Findings in Patients with Cardiac Tamponade. SOUND EM; Des Moines, IA. 2026 Feb
10. Ukah O; Marx JT. Asteroid Hyalosis mimicking vitreous hemorrhage on ocular point-of-care ultrasound. SOUND EM; Des Moines, IA. 2026 Feb
11. Higdon JC; Dougherty K; Marx JT. Beyond the Focused Exam: Abnormal Aortic Valve Findings on Emergency Cardiac Ultrasound. SOUND EM; Des Moines, IA. 2026 Feb

H. PUBLISHED AUDIOVISUAL OR COMPUTER-BASED EDUCATIONAL MATERIALS AND COMPUTER SOFTWARE

1. Marx J. POCUS Geek: Ultrasound Physics: Scanning Modes: Pulse Wave Doppler. YouTube; 2016. Internet
2. Marx J. POCUS Geek: Ultrasound Physics: Scanning Modes: M Mode [<https://www.youtube.com/c/POCUSGeek>] YouTube; Sep 2016. Internet
3. Marx J. POCUS Geek: Ultrasound Physics: Scanning Modes: Color Doppler [POCUS Geek: Ultrasound Physics: Scanning Modes: Color Doppler] YouTube; Sep 2016. Internet
4. Marx J. POCUS Geek: Ultrasound Physics: Scanning Modes: B Mode [POCUS Geek: Ultrasound Physics: Scanning Modes: B Mode] YouTube; Sep 2016. Internet
5. Marx J. POCUS Geek: Ultrasound Physics: Basics Physics and Image Generation [<https://www.youtube.com/c/POCUSGeek>] YouTube; Sep 2016. Internet
6. Marx J. POCUS Geek: Ultrasound Physics Attenuation [<https://www.youtube.com/c/POCUSGeek>] YouTube; Sep 2016. Internet
7. Marx J. POCUS Geek: Bedside Ultrasound Basic Cardiac US [<https://www.youtube.com/c/POCUSGeek>] YouTube; Sep 2016. Internet
8. Marx J. POCUS Geek: Bedside Ultrasound Abdominal Aorta [<https://www.youtube.com/c/POCUSGeek>] YouTube; Sep 2016. Internet
9. Marx J. POCUS Geek: POCUS E-FAST: Cardiac Anatomy [<https://www.youtube.com/c/POCUSGeek>] YouTube; Oct 2016. Internet
10. Marx J. POCUS Geek: POCUS E-FAST: Clinical Pearls [<https://www.youtube.com/c/POCUSGeek>] YouTube; Oct 2016. Internet
11. Marx J. POCUS Geek: POCUS E-FAST: Thoracic Anatomy [<https://www.youtube.com/c/POCUSGeek>] YouTube; Oct 2016. Internet
12. Marx J. POCUS Geek: POCUS E-FAST: Abdominal Anatomy [<https://www.youtube.com/c/POCUSGeek>] YouTube; Oct 2016. Internet
13. Marx J. POCUS Geek: POCUS: E-FAST -What are the binary questions? [<https://www.youtube.com/c/POCUSGeek>] YouTube; Oct 2016. Internet
14. Marx J. POCUS Geek: Ultrasound Physics: Imaging Artifacts

- [<https://www.youtube.com/c/POCUSGeek>] YouTube; Oct 2016. Internet
15. Marx J. POCUS Geek: POCUS - Thoracic/Lung Basic Ultrasound and Anatomy [<https://www.youtube.com/c/POCUSGeek>] YouTube; Oct 2016. Internet
 16. Marx J. POCUS Geek: POCUS Lower Extremity Deep Venous Thrombosis (DVT) [<https://www.youtube.com/c/POCUSGeek>] YouTube; Oct 2016. Internet
 17. Marx J. POCUS Geek: POCUS PLAX Severely Reduced EF [<https://www.youtube.com/c/POCUSGeek>] YouTube; Oct 2016. Internet
 18. Marx J. POCUS Geek: POCUS PLAX Normal EF [<https://www.youtube.com/c/POCUSGeek>] YouTube; Oct 2016. Internet
 19. Marx J. POCUS Geek: POCUS -Cardiac PSAX Severely Reduced EF [<https://www.youtube.com/c/POCUSGeek>] YouTube; Nov 2016. Internet
 20. Marx J. POCUS Geek: POCUS -Cardiac PSAX Normal EF [<https://www.youtube.com/c/POCUSGeek>] YouTube; Nov 2016. Internet
 21. Marx J. POCUS Geek: POCUS -Cardiac AP4 Severely Reduced EF [<https://www.youtube.com/c/POCUSGeek>] YouTube; Nov 2016. Internet
 22. Marx J. POCUS Geek: POCUS -Cardiac AP4 Normal EF [<https://www.youtube.com/c/POCUSGeek>] YouTube; Nov 2016. Internet
 23. Marx J. POCUS Geek: POCUS -Cardiac IVC Respiratory Variation [<https://www.youtube.com/c/POCUSGeek>] YouTube; Nov 2016. Internet
 24. Marx J. POCUS Geek: POCUS -Cardiac Subxiphoid Normal EF [<https://www.youtube.com/c/POCUSGeek>] YouTube; Nov 2016. Internet
 25. Marx J. POCUS Geek: POCUS -Cardiac Subxiphoid Severely Reduced EF [<https://www.youtube.com/c/POCUSGeek>] YouTube; Nov 2016. Internet
 26. Marx J. POCUS Geek: POCUS -Cardiac IVC Change with fluids [<https://www.youtube.com/c/POCUSGeek>] YouTube; Nov 2016. Internet
 27. Marx J. POCUS Geek: POCUS Case: Shortness of Breath Case 1 [<https://www.youtube.com/c/POCUSGeek>] YouTube; Dec 2016. Internet
 28. Marx J. POCUS Geek: POCUS Case: Shortness of Breath Case 2 [<https://www.youtube.com/c/POCUSGeek>] YouTube; Dec 2016. Internet
 29. Marx J. POCUS Geek: POCUS Case: Occult Foreign Body Localization and Removal [<https://www.youtube.com/c/POCUSGeek>] YouTube; Jan 2017. Internet
 30. Marx J. POCUS Geek: Teaching Point: Epicardial Fat Pad [<https://www.youtube.com/c/POCUSGeek>] YouTube; Jan 2017. Internet
 31. Marx J. POCUS Geek: Teaching Point: Pericardial Effusion [<https://www.youtube.com/c/POCUSGeek>] YouTube; Jan 2017. Internet
 32. Marx J. POCUS Geek: POCUS Case: Shortness of Breath Case 3 [<https://www.youtube.com/c/POCUSGeek>] YouTube; Feb 2017. Internet
 33. Marx J. POCUS Geek: Teaching Point: Ultrasound vs CXR in Pneumonia [<https://www.youtube.com/c/POCUSGeek>] YouTube; Mar 2017. Internet
 34. Marx J. POCUS Geek: POCUS - EFAST - Pitfalls [<https://www.youtube.com/c/POCUSGeek>] YouTube; Oct 2017. Internet
 35. Marx J. POCUS Geek: POCUS - Female Pelvis - Transabdominal Scanning Sequence [<https://www.youtube.com/c/POCUSGeek>] YouTube; Dec 2017. Internet
 36. Marx J. POCUS Geek: POCUS - Female Pelvis - Transvaginal Scanning Sequence [<https://www.youtube.com/c/POCUSGeek>] YouTube; Sep 2018. Internet
 37. Marx J. POCUS Geek: POCUS - Lung Ultrasound: How to Diagnose a pneumothorax

- with ultrasound [<https://www.youtube.com/c/POCUSGeek>] YouTube; Sep 2018. Internet
38. Marx J. POCUS Geek: POCUS - Lung Ultrasound: Understanding B Lines and Hepatization [<https://www.youtube.com/c/POCUSGeek>] YouTube; Sep 2018. Internet
 39. Marx J. POCUS Geek: POCUS: Basic Renal Ultrasound [<https://www.youtube.com/c/POCUSGeek>] YouTube; Dec 2018. Internet
 40. Marx J. POCUS Geek: POCUS: Gallbladder Ultrasound Anatomy [<https://www.youtube.com/c/POCUSGeek>] YouTube; Dec 2018. Internet
 41. Marx J. POCUS Geek: POCUS - Calculus Cholecystitis Pathophysiology [<https://www.youtube.com/c/POCUSGeek>] YouTube; Dec 2018. Internet
 42. Marx J. POCUS Geek: POCUS: Lower Extremity Deep Venous Thrombosis (DVT) - Updated [<https://www.youtube.com/c/POCUSGeek>] YouTube; Jan 2019. Internet
 43. Marx J. POCUS Geek: POCUS: Right Lower Extremity Deep Venous Thrombosis (DVT) [<https://www.youtube.com/c/POCUSGeek>] YouTube; Jan 2019. Internet
 44. Marx J. POCUS Geek: POCUS: Assessing Cardiac Chamber Size [<https://www.youtube.com/c/POCUSGeek>] YouTube; Feb 2019. Internet
 45. Marx J. POCUS Geek: POCUS: Soft Tissue Ultrasound: Superficial Thrombophlebitis [<https://www.youtube.com/c/POCUSGeek>] YouTube; Mar 2019. Internet
 46. Marx J. POCUS Geek: POCUS: Soft Tissue Ultrasound: Lymphadenopathy [<https://www.youtube.com/c/POCUSGeek>] YouTube; Mar 2019. Internet
 47. Marx J. POCUS Geek: POCUS: Soft Tissue Ultrasound: Subcutaneous Air [<https://www.youtube.com/c/POCUSGeek>] YouTube; Mar 2019. Internet
 48. Marx J. POCUS Geek: POCUS: Soft Tissue Ultrasound: Abscess [<https://www.youtube.com/c/POCUSGeek>] YouTube; Mar 2019. Internet
 49. Marx J. POCUS Geek: POCUS: Soft Tissue Ultrasound: Cobblestoning [<https://www.youtube.com/c/POCUSGeek>] YouTube; Mar 2019. Internet
 50. Marx J. POCUS Geek: POCUS: Soft Tissue Ultrasound: Soft Tissue Edema [<https://www.youtube.com/c/POCUSGeek>] YouTube; Mar 2019. Internet
 51. Marx J. POCUS Geek: POCUS: Venous Access: Part 2 [<https://www.youtube.com/c/POCUSGeek>] YouTube; Mar 2019. Internet
 52. Marx J. POCUS Geek: POCUS: Venous Access: Part 1 [<https://www.youtube.com/c/POCUSGeek>] YouTube; Mar 2019. Internet
 53. Marx J. POCUS Geek: POCUS: Lower Extremity DVT Evaluation: Algorithm for the Low-Risk Patient [<https://www.youtube.com/c/POCUSGeek>] YouTube; Apr 2019. Internet
 54. Marx J. POCUS Geek: POCUS: Lower Extremity: DVT Evaluation: Algorithm for the Moderate-Risk Patient [<https://www.youtube.com/c/POCUSGeek>] YouTube; Apr 2019. Internet
 55. Marx J. POCUS Geek: POCUS: Lower Extremity: DVT Evaluation: Algorithm for the High-Risk Patient [<https://www.youtube.com/c/POCUSGeek>] YouTube; Apr 2019. Internet
 56. Marx J. POCUS Geek: POCUS: Shoulder Dislocation: Ultrasound Guided Analgesia [<https://www.youtube.com/c/POCUSGeek>] YouTube; May 2019. Internet
 57. Marx J. POCUS Geek: POCUS: Evaluating for Shoulder Dislocation with Ultrasound [<https://www.youtube.com/c/POCUSGeek>] YouTube; May 2019. Internet
 58. Marx J. POCUS Geek: Measuring the Fetal Heart Rate with M-Mode [<https://www.youtube.com/c/POCUSGeek>] YouTube; Nov 2019. Internet

59. Marx J. POCUS Geek: Ejected Driver from Rollover at Highway Speeds --EFAST [<https://www.youtube.com/c/POCUSGeek>] YouTube; Mar 2020. Internet
60. Marx J. POCUS Geek: POCUS - COVID Lung Ultrasound [<https://www.youtube.com/c/POCUSGeek>] YouTube; Mar 2020. Internet
61. Marx J. POCUS Geek: POCUS: 1st Trimester Pregnancy Case 1 [<https://www.youtube.com/c/POCUSGeek>] YouTube; Apr 2020. Internet
62. Marx J. POCUS Geek: POCUS: 1st Trimester Pregnancy Case 2 [<https://www.youtube.com/c/POCUSGeek>] YouTube; Apr 2020. Internet
63. Marx J. POCUS Geek: POCUS: 1st Trimester Pregnancy Case 3 - Twin Gestation 6w5d [<https://www.youtube.com/c/POCUSGeek>] YouTube; May 2020. Internet
64. Marx J. POCUS Geek: POCUS: 1st Trimester Pregnancy Case 4 - Ectopic Pregnancy [<https://www.youtube.com/c/POCUSGeek>] YouTube; May 2020. Internet
65. Marx J. POCUS Geek: POCUS: 1st Trimester Pregnancy Case 5 - Complex Adnexal Mass [<https://www.youtube.com/c/POCUSGeek>] YouTube; May 2020. Internet
66. Marx J. POCUS Geek: POCUS: Cardiac Ultrasound - Subxiphoid Short Axis [<https://www.youtube.com/c/POCUSGeek>] YouTube; Jun 2020. Internet
67. Marx JT; Bonk CL. POCUS: 1st Trimester Pregnancy Case 6 - Pregnancy Unknown Location [<https://youtu.be/GFtJ9UwIPeI>] YouTube; Apr 2021. Internet
68. Marx JT. POCUS - Extended Focused Assessment with Sonography in Trauma (EFAST) - Revised 2021 [<https://youtu.be/Xv0abFuo5gY>] 2nd. YouTube; Jun 2021. Internet
69. Marx JT. POCUS - Cardiac Arrest Case and Review [<https://youtu.be/wvfXjim0Lqk>] YouTube; Jul 2021. Internet
70. Marx JT. POCUS - Visually Estimating Cardiac Function [<https://youtu.be/KA-4Gp1b1RY>] YouTube; Jul 2021. Internet
71. Marx JT. POCUS - Positive EFAST exam with hemopericardium [<https://youtu.be/t1z6bMCIHvs>] YouTube; Nov 2021. Internet
72. Marx JT. POCUS - Fall from ladder with lung point and pneumothorax [https://youtu.be/a1goWxA_twM] YouTube; Nov 2021. Internet
73. Marx JT. POCUS: E-FAST - Progression of Free Fluid in the Right Upper Quadrant (RUQ) - Short Video [<https://www.youtube.com/watch?v=gdZoCTG4bLM>] YouTube; Jul 2022. Slides
74. Marx JT. POCUS: Cardiac - Misdiagnosis for Asystole [<https://www.youtube.com/watch?v=a6TQ87-9i-g&t=11s>] YouTube; Aug 2022. Internet
75. Marx JT. POCUS: Misdiagnosis of Pneumothorax [<https://www.youtube.com/watch?v=0N2wPVXdXzA&t=1s>] YouTube; Aug 2022. Internet
76. Marx JT; Rogers SL. UNMC expands its clinical simulation program into infant ultrasound, with BabyWorks. <https://www.intelligentultrasound.com/2022/10/05/unmc-invests-in-babyworks/>; Sep 2022. Internet Vendor Press Release
77. Marx JT. POCUS Geek: Ureterolithiasis at the Uterovesical Junction (UVJ) with Twinkle Artifact [Video] [<https://www.youtube.com/watch?v=uHTYQQI80O4>] YouTube; Nov 2022. Internet
78. Marx JT. POCUS Geek: Urinary Retention with Bilateral Severe Hydronephrosis→†[Video] [<https://www.youtube.com/watch?v=CYf3aHj9OMY>] YouTube; Dec 2022. Internet
79. Marx JT. POCUS Geek: POCUS in Acute Renal Failure→†[Video]

- [<https://www.youtube.com/watch?v=VqnVecMUIGs>] YouTube; Dec 2022. Internet
80. Marx JT. POCUS Geek: Patient Draping for Cardiac Ultrasound—†[Video] [<https://www.youtube.com/watch?v=SdIIRXUe19Y>] YouTube; Mar 2023. Internet
 81. Marx JT. POCUS Geek: Patient Draping for Lung Ultrasound—†[Video] [<https://www.youtube.com/watch?v=dGF1-txkZpY>] YouTube; Mar 2023. Internet
 82. Jorgenson RP; Marx JT. POCUS Geek: Ultrasound Guided Distal Radius Fracture Reduction—†[Video] [<https://www.youtube.com/watch?v=JpQJDbAhp4>] YouTube; Apr 2023. Internet
 83. Marx JT. POCUS: Lung Ultrasound - Basic Anatomy and Lung sliding - Updated - 2nd Edition [<https://youtu.be/PCMozYHVqHo>] POCUS Geek: YouTube; Aug 2023. Internet
 84. Marx J. POCUS: Lung Ultrasound - Basic Anatomy and Lung sliding - updated 2nd Edition [<https://www.youtube.com/watch?v=PCMozYHVqHo>] POCUS Geek: YouTube; Aug 2023. Internet
 85. Marx J. POCUS: Lung ultrasound - identifying B-lines [<https://www.youtube.com/watch?v=Z7blejKdldY>] POCUS Geek: YouTube; Sep 2023. Internet
 86. Marx JT. POCUS: Lung Ultrasound - Identifying B-lines [<https://youtu.be/Z7blejKdldY>] POCUS Geek: YouTube; Sep 2023. Internet
 87. Marx JT. POCUS: Lung Ultrasound - Irregular pleural line [<https://youtu.be/LKjlMYTawGQ>] POCUS Geek: YouTube; Oct 2023. Internet
 88. Marx J. POCUS: Positive E-FAST after MVC - Can you identify all of the findings? [<https://www.youtube.com/watch?v=xKTr9p4TSgM>] POCUS Geek: YouTube; Oct 2023. Internet
 89. Marx JT. POCUS: Case of Cardiogenic Shock [<https://youtu.be/tfMZWyWbeGg>] POCUS Geek: YouTube; Feb 2024. Internet
 90. Marx J. Case of cardiogenic shock [<https://www.youtube.com/watch?v=tfMZWyWbeGg>] POCUS Geek: YouTube; Feb 2024. Internet
 91. Marx JT. Cardiogenic shock case 2: Part 2 explanation [<https://www.youtube.com/watch?v=jooHZaVRLgY>] POCUS Geek: YouTube; May 2024. Internet
 92. Marx JT. Cardiogenic Shock Case 2: Part 1 - Interpretation Challenge & Part 2- Explanation [<https://youtu.be/jooHZaVRLgY>] POCUS Geek: YouTube; May 2024. Internet
 93. Marx JT. AEMUS Fellowship discussion with a community director [<https://youtu.be/I72AHEnofKg>] POCUS Geek: YouTube; Jul 2024. Internet
 94. Marx JT. POCUS Geek AEMUS fellowship discussion with a community director [<https://www.youtube.com/watch?v=172AHEnofKg>] POCUS Geek: YouTube; Jul 2024. Internet
 95. Marx JT. "Walking the needle in" on Lumbar Puncture [<http://youtube.com/watch?v=xck5GgPnCbu>] POCUS Geek: YouTube; Aug 2024. Internet
 96. Marx JT. POCUS: Ultrasound Guided Lumbar Puncture [<https://youtu.be/3wnZ52ocrNE>] POCUS Geek: YouTube; Aug 2024. Internet
 97. Marx JT. POCUS Geek: What is a HIDA scan and how is it performed? [<http://youtube.com/watch?v=8-yNSUsETBQ>] POCUS Geek: YouTube; Sep 2024. Internet

98. Marx JT. Positive E-FAST Exam [<https://youtu.be/NR7Yt72zRyM>] POCUS Geek: YouTube; Feb 2025. Internet
99. Marx JT. POCUS Cases: Lung Ultrasound Nuances - Not all B-Lines are Congestive Heart Failure [https://youtu.be/_DBSsTLZGXw] POCUS Geek: YouTube; Apr 2025. Internet
100. Marx JT. Adjusting the Time Gain Compensation (TGC) [<https://youtube.com/shorts/ntedsDG6Aok?feature=share>] POCUS Geek: YouTube; Apr 2025. Internet
101. Marx JT. Subcutaneous air will make an EFAST equivocal [https://youtube.com/shorts/19O_xJcQ7YU?feature=share] POCUS Geek: YouTube; Apr 2025. Internet
102. Marx JT. Integrating POCUS into Curriculum [<https://podcasts.apple.com/us/podcast/medical-education-trends-meet/id1562951944?i=1000704628630>] Tehran, Iran: Medical Education Trends (MEET) Podcast with Dr Mehrdad Heravi; Apr 2025. Internet
103. Marx JT. POCUS: EFAST - Is there free fluid in the Right Upper Quadrant? [<https://youtu.be/5tgU6go78Qk>] POCUS Geek: YouTube; May 2025. Internet
104. Marx JT. Is this pericardial tamponade? [<https://www.youtube.com/watch?v=9geBZF4oTbY>] POCUS Geek: YouTube; Aug 2025. Internet
105. Marx JT. POCUS: Ocular Ultrasound made simple: refined technique and the primary questions [<https://www.youtube.com/watch?v=D8ECiY16XQM>] POCUS Geek: YouTube; Apr 2026. Internet
106. Marx JT. POCUS: Cardiac ultrasound - severe LVH or poor EF? Avoid this cardiac POCUS mistake [https://www.youtube.com/watch?v=VEP_9zK3c4Q] POCUS Geek: YouTube; May 2026. Internet

I. PUBLISHED CONTINUING EDUCATION MATERIALS

Not Applicable

J. EDITORIALS

Not Applicable

K. CONFERENCE PROCEEDING

Not Applicable

COMMUNITY SERVICE

2024 - 2026	Member, Douglas County Overdose Fatality Review Program, Douglas County Health Department
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EDUCATION / TEACHING ACTIVITY

A. COURSES, TEAM TAUGHT

Physiology Teaching Assistant

Instructor:

University of Texas Health Science Center at San Antonio, Teaching Assistant for MS1 Physiology Lab, 1.00 hour/week, 2004-2005

B. COURSES, INDIVIDUAL TAUGHT

Advanced Emergency Medicine Ultrasonography (AEMUS) Fellowship Scan Lab

Instructor:

University of Nebraska Medical Center - AEMUS Fellowship, POCUS Skills Lab, 2022 - 2024

University of Nebraska Medical Center - AEMUS Fellowship, POCUS Skills Lab, 2025 - 2026

Beginners Spanish for Medical Students

University of Texas Health Science Center at San Antonio, 1.00 hour/week, 2003-2004

C. GRADUATE STUDENT INSTRUCTION

College of Allied Health Professions

Instructor:

POCUS: EFAST, University of Nebraska Medical Center - CAHP, POCUS Lab, 3.00 hours 2018-2019

College of Medicine

Advisor:

POCUS Interest Group, University of Nebraska Medical Center - COM, POCUS Skills Lab, 2.00 hours 2023

College of Medicine

Director:

Curriculum Enhancement Rotation: POCUS - Cardiac and E-FAST, University of Nebraska Medical Center - COM, 4.00 hours/year, 2019 - 2022

Ob/Gyn Clerkship - POCUS: Female Pelvis Transabdominal/Transvaginal, University of Nebraska Medical Center - COM, POCUS Skills Lab, 6.00 hours/quarter, 2019 - 2021

Surgery Clerkship: E-FAST Skills Lab, University of Nebraska Medical Center - COM, POCUS Skills Lab, 2.00 hours/quarter, 2019 - 2022

College of Medicine

Instructor:

ACCT- Airway Lab, University of Nebraska Medical Center - COM, MS3 skills lab, 4.00 hours/year, 2026

College of Medicine

POCUS Coil Scan Lab - Cardiac Ultrasound, University of Nebraska Medical Center - COM, Block 4 - Circulatory, 4.00 hours 2026

POCUS Coil Scan Lab - POCUS Review, University of Nebraska Medical Center - COM, Block 6 - Endocrine, 8.00 hours 2026

POCUS Coil Scan Lab - POCUS Review, University of Nebraska Medical Center -

COM, Block 9 - Endocrine, 4.00 hours 2025
POCUS Coil Scan Lab - Abdominal Organs, University of Nebraska Medical Center - COM, Block 8 - GI, 8.00 hours/year, 2017 - Present
POCUS Coil Scan Lab - Abdominal Vessels, University of Nebraska Medical Center - COM, Block 8 - GI, 8.00 hours/year, 2017 - Present
POCUS Coil Scan Lab - Soft tissue and MSK Ultrasound, University of Nebraska Medical Center - COM, Block 3 - MSK, 3.00 hours/year, 2017 - Present
POCUS Coil Scan Lab - Cardiac Ultrasound, University of Nebraska Medical Center - COM, Block 4 - Circulatory, 8.00 hours/year, 2018 - 2025
POCUS Coil Scan Lab - Kidneys/Bladder, University of Nebraska Medical Center - COM, Block 10 - GU/Gyn/Reproductive, 8.00 hours/year, 2018 - Present
Curriculum Enhancement Series- POCUS: EFAST/Aorta/GB, University of Nebraska Medical Center - COM, 2.00 hours/year, 2023
Curriculum Enhancement Series- RUSH exam and Bald ER Doc, University of Nebraska Medical Center - COM, 2.00 hours/year, 2024

College of Medicine

Lecture:

ACCT- POCUS cases, University of Nebraska Medical Center - COM, MS3 Lecture, 1.00 hour/year, 2026

College of Medicine

MS1: Vascular Anatomy of the Neck with Ultrasound, University of Nebraska Medical Center - COM, 1.00 hour 2009

Clinical US Introduction, University of Nebraska Medical Center - COM, POCUS Orientation and Physics Lecture, 1.00 hour/year, 2020 - 2022

College of Medicine

Acute Care Block - POCUS cases, University of Nebraska Medical Center - COM, MS3 Lecture, 1.00 hour/year, 2021 - 2025

College of Medicine

POCUS physics, University of Nebraska Medical Center - COM, MS1 - Introductory Block, 1.00 hour 2023 - 2025

Clinical Gallbladder Disease, University of Nebraska Medical Center - COM, MS2 Lecture - GI Block - Acute Cholecystitis and Ascending Cholangitis, 1.00 hour/year, 2024 - Present

D. RESIDENCY/FELLOWSHIP

Advanced Emergency Medicine Ultrasonography (AEMUS) Fellowship Didactics

Lecture:

AEMUS: Advanced Cardiac Ultrasound, University of Nebraska Medical Center, 2.00 hours/year, 2020-2024

AEMUS: Advanced Ultrasound Physics, University of Nebraska Medical Center, 1.00 hour/year, 2020-2024

AEMUS: Airway/Neck Ultrasound, University of Nebraska Medical Center, 2021-2024

AEMUS: Basic Cardiac Ultrasound, University of Nebraska Medical Center, 2.00 hours/year, 2020-2024

AEMUS: Basic Ultrasound Physics, University of Nebraska Medical Center, 2020-2024

AEMUS: Bowel Ultrasound, University of Nebraska Medical Center, 2021; 2024
 AEMUS: Critical Care Ultrasound, University of Nebraska Medical Center, 2020-2021
 AEMUS: Female Pelvis: Part 1 - Early Pregnancy, University of Nebraska Medical Center, 2021-2023
 AEMUS: Lower Extremity DVT Ultrasound, University of Nebraska Medical Center, 2020; 2023
 AEMUS: Musculoskeletal Ultrasound, University of Nebraska Medical Center, 2020-2022
 AEMUS: Ocular Ultrasound, University of Nebraska Medical Center, 2020-2022
 AEMUS: Pediatric Ultrasound, University of Nebraska Medical Center, 2022-2023
 AEMUS: Procedural Ultrasound - Lumbar Puncture, University of Nebraska Medical Center, 2022-2024
 AEMUS: Procedural Ultrasound - Vascular Access, University of Nebraska Medical Center, 2021-2023
 AEMUS: Procedural: Nerve Blocks, University of Nebraska Medical Center, 2022-2025
 AEMUS: Renal Ultrasound, University of Nebraska Medical Center, 2020; 2022-2023
 AEMUS: Soft Tissue Ultrasound, University of Nebraska Medical Center, 2020-2023
 AEMUS: Thoracic Ultrasound, University of Nebraska Medical Center, 2020; 2023-2024
 AEMUS: Trauma: E-FAST, University of Nebraska Medical Center, 2020-2023
 AEMUS: Upper Extremity Deep Venous Thrombosis (DVT), University of Nebraska Medical Center, 2022-2024
 Cadaver Lab: Nerve Blocks and Arthrocentesis, University of Nebraska Medical Center - AEMUS fellowship, 2.00 hours/year, 2022-2024
 AEMUS: Introduction to Fellowship, University of Nebraska Medical Center, 1.00 hour/year, 2020 - 2023
 Abdominal Aorta Ultrasound, University of Nebraska Medical Center, 2020
 AEMUS: Abdomen and Bowel Ultrasound, University of Nebraska Medical Center, 1.00 hour 2020
 AEMUS: Basic Emergency Ultrasound Review, University of Nebraska Medical Center, 2.00 hours 2020
 AEMUS: Basic Ultrasound Review: Abdominal Aorta, Lower Extremity DVT, Thoracic, University of Nebraska Medical Center, 2020
 AEMUS: Basic Ultrasound Review: Physics, E-FAST, Cardiac, University of Nebraska Medical Center, 2020
 AEMUS: Basic Ultrasound Review: Pregnancy, Renal, Gallbladder, University of Nebraska Medical Center, 2020
 AEMUS: Basic Ultrasound Review: Soft Tissue, MSK, Vascular Access, University of Nebraska Medical Center, 2020
 AEMUS: Biliary Ultrasound, University of Nebraska Medical Center, 2020
 AEMUS: Female Pelvis Ultrasound - Pregnancy and Gynecologic, University of Nebraska Medical Center, 1.00 hour 2020
 AEMUS: Procedural Ultrasound, University of Nebraska Medical Center, 1.50 hours 2020
 AEMUS: Occult Foreign Body Detection and Removal, University of Nebraska Medical Center, 2021 - 2024
 AEMUS: Emergency Ultrasound Administration, University of Nebraska Medical

Center, 1.50 hours 2021

AEMUS: Testicular Ultrasound, University of Nebraska Medical Center, 2021

AEMUS: Ultrasound in Cardiac Hemodynamics, University of Nebraska Medical Center, 2021

AEMUS: Ultrasound in Pediatrics, University of Nebraska Medical Center, 2021

AEMUS: Vascular Ultrasound: Arterial, University of Nebraska Medical Center, 2021

AEMUS: POCUS Administration Parts 1-4, University of Nebraska Medical Center, 2.00 hours/year, 2022 - 2024

Advanced Emergency Medicine Ultrasonography (AEMUS) Fellowship Didactics

AEMUS: Introduction to Sonographic planes and basic physics, University of Nebraska Medical Center, 2023 - Present

AEMUS: Basics of ultrasound guided procedures, University of Nebraska Medical Center, 2023

AEMUS: Cardiac Part 2 - Supplement views and Tamponade, University of Nebraska Medical Center, 2023

AEMUS: Cardiac: Part 1 - Basic exam, University of Nebraska Medical Center, 2023

AEMUS: Female Pelvis Part 1 - Early Pregnancy Ultrasound, University of Nebraska Medical Center, 2023

AEMUS: Physics: Part 1 - Basic Ultrasound Physics, University of Nebraska Medical Center, 2023

AEMUS: Point of Care Ultrasound Program Administration Part 1 - Billing and Documentation, University of Nebraska Medical Center, 2023

AEMUS: Point of Care Ultrasound Program Administration Part 1 - Billing and Documentation, University of Nebraska Medical Center, 2023

AEMUS: Retroperitoneal: Part 1 - Abdominal Aorta Ultrasound, University of Nebraska Medical Center, 2023

AEMUS: Retroperitoneal: Part 2 - Renal Tract Ultrasound, University of Nebraska Medical Center, 2023

AEMUS: Thoracic ultrasound, University of Nebraska Medical Center, 2023

AEMUS: Vascular: Part 1 - Lower Extremity DVT Ultrasound, University of Nebraska Medical Center, 2023

Advanced Emergency Medicine Ultrasonography (AEMUS) Fellowship Didactics

AEMUS: Abdomen - Advanced Hepatobiliary, University of Nebraska Medical Center, 2024

Advanced Emergency Medicine Ultrasonography (AEMUS) Fellowship Didactics

AEMUS: Abdomen Part 3 - Hepatobiliary Ultrasound - Advanced pathologies, University of Nebraska Medical Center, 2024

AEMUS: Abdomen Part 4 - Bowel Ultrasound, University of Nebraska Medical Center, 2024

AEMUS: Administration Part 2 - Infection control and machine maintenance, University of Nebraska Medical Center, 2024

AEMUS: Administration Part 3- Accreditation, credentialing and privileging, University of Nebraska Medical Center, 2024

AEMUS: Administration Part 4 - POCUS organizations and Department Leadership, University of Nebraska Medical Center, 2024

AEMUS: Cardiac Part 3 - Left Heart Function, University of Nebraska Medical Center,

2024

AEMUS: Cardiac Part 4 - Right Heart Function, University of Nebraska Medical Center, 2024

AEMUS: Education Part 3 - Utilization of social and mixed media, University of Nebraska Medical Center, 2024

AEMUS: Education Part 4 - Competency Assessment, University of Nebraska Medical Center, 2024

AEMUS: Education Part 4 - Competency Assessment, University of Nebraska Medical Center, 2024

AEMUS: Physics Part 2 - Doppler Ultrasound, University of Nebraska Medical Center, 2024

AEMUS: Vascular Part 2 - Upper Extremity DVT Ultrasound, University of Nebraska Medical Center, 2024

Advanced Emergency Medicine Ultrasonography (AEMUS) Fellowship Didactics

AEMUS: Abdomen: Hepatobiliary Ultrasound - Basic, University of Nebraska Medical Center, 2025

Advanced Emergency Medicine Ultrasonography (AEMUS) Fellowship Didactics

AEMUS: Cardiac: Basic exam, University of Nebraska Medical Center, 2025

AEMUS: Cardiac: Supplement views and Tamponade, University of Nebraska Medical Center, 2025

Advanced Emergency Medicine Ultrasonography (AEMUS) Fellowship Didactics

AEMUS: Female Pelvis: Early Pregnancy Pathologies, University of Nebraska Medical Center, 2025

AEMUS: Introduction to Fellowship, University of Nebraska Medical Center, 1.00 hour/year, 2025

AEMUS: Procedural: Para and Thoracentesis, University of Nebraska Medical Center, 2025

AEMUS: Retroperitoneal: Abdominal Aorta Ultrasound, University of Nebraska Medical Center, 2025

AEMUS: Retroperitoneal: Renal Tract Ultrasound, University of Nebraska Medical Center, 2025

AEMUS: Soft Tissue/MSK: Basic Soft Tissue Ultrasound, University of Nebraska Medical Center, 2025

AEMUS: Soft Tissue/MSK: Bones and Joints, University of Nebraska Medical Center, 2025

AEMUS: Trauma: E-FAST, University of Nebraska Medical Center, 2025

Advanced Emergency Medicine Ultrasonography (AEMUS) Fellowship Didactics

AEMUS: Administration: Ancillary Resources, University of Nebraska Medical Center, 2026

AEMUS: Administration: Educational Skills and Competency Assessment, University of Nebraska Medical Center, 2026

AEMUS: Administration: Hospital IT and Machine Maintenance, University of Nebraska Medical Center, 2026

AEMUS: Cardiac: Fractional Shortening, University of Nebraska Medical Center, 2026

AEMUS: Cardiac: MAPSE and Procedural Guidance, University of Nebraska Medical Center, 2026

AEMUS: Education: Development of FOAM, University of Nebraska Medical Center, 2026

AEMUS: Physics: Aliasing and Doppler Techniques, University of Nebraska Medical Center, 2026

Advanced Emergency Medicine Ultrasonography (AEMUS) Fellowship Didactics

AEMUS: Procedural: Occult Foreign body Detection and Removal, University of Nebraska Medical Center, 2026

AEMUS: Soft Tissue/MSK: Airway, University of Nebraska Medical Center, 2026

AEMUS: Soft Tissue/MSK: Ligaments and Muscles, University of Nebraska Medical Center, 2026

Emergency Medicine Residency: Conference Lectures

EFAST and decision making, University of Nebraska Medical Center, 2023

EM Residency Small Group didactics - Acute vision loss, University of Nebraska Medical Center, 2.00 hours 2024

EM Residency Small Group didactics - Acute vision loss, University of Nebraska Medical Center, 2.00 hours 2024

EM Residency Small Group didactics - POCUS in hypotension and critical care, University of Nebraska Medical Center, 2.00 hours 2024

Instructor:

Procedure Lab: Thoracentesis, University of Nebraska Medical Center - EM Residency, 4.00 hours 2026

Sim Lab: Pediatric Bowel, University of Nebraska Medical Center - EM Residency, 2.00 hours 2026

Lecture:

POCUS: 1ST Trimester Pregnancy Ultrasound, University of Nebraska Medical Center, 1.00 hour/year, 2020-2021

POCUS: Abdominal Aorta, University of Kansas Medical Center, 1.00 hour 2013, 2014, 2016

POCUS: Abdominal Aorta, University of Nebraska Medical Center, 1.00 hour/year, 2017; 2019; 2022

POCUS: Cardiac Ultrasound, University of Kansas Medical Center, 1.00 hour/year, 2012-2016

POCUS: Cardiac Ultrasound, University of Nebraska Medical Center, 1.00 hour 2017; 2019; 2021

POCUS: Cases in Emergency Ultrasound, University of Nebraska Medical Center, 1.00 hour/year, 2019; 2020

POCUS: Ectopic Pregnancy, University of Kansas Medical Center, 1.00 hour/year, 2011, 2012, 2013, 2015, 2017

POCUS: EFAST, University of Nebraska Medical Center, 1.00 hour/year, 2017; 2022

POCUS: Gallbladder Ultrasound, University of Kansas Medical Center, 1.00 hour/year, 2013; 2016

POCUS: Gallbladder/Biliary Ultrasound, University of Nebraska Medical Center, 1.00 hour/year, 2019; 2022

POCUS: Lower Extremity DVT, University of Kansas Medical Center, 1.00 hour 2014, 2016

POCUS: Lower Extremity DVT, University of Nebraska Medical Center, 1.00 hour/year,

2017; 2019; 2022; 2026

POCUS: Musculoskeletal Ultrasound, University of Nebraska Medical Center, 1.00 hour
2018-2019

POCUS: Pregnancy Ultrasound, University of Nebraska Medical Center, 1.00 hour/year,
2018; 2020

POCUS: Rapid Ultrasound for Shock and Hypotension, University of Kansas Medical
Center, 1.00 hour/year, 2014-2015

POCUS: Thoracic Ultrasound, University of Nebraska Medical Center, 1.00 hour/year,
2017; 2019

POCUS: Ultrasound Physics and Knobology, University of Kansas Medical Center, 1.00
hour 2014; 2016

Topic: Cholangitis & Cholecystitis, University of Kansas Medical Center, 1.00 hour/year,
2011, 2013, 2014

Topic: Ectopic Pregnancy, University of Kansas Medical Center, 1.00 hour/year, 2011;
2012

Morbidity and Mortality Conference: Endometritis, University of Nebraska Medical
Center, 1.00 hour 2008

Morbidity and Mortality Conference: Intra-Abdominal Abscess, University of Nebraska
Medical Center, 1.00 hour 2008

Case Conference: Cerebellar Stroke, University of Nebraska Medical Center, 1.00 hour
2009

Case Conference: Subarachnoid Hemorrhage, University of Nebraska Medical Center,
1.00 hour 2009

Journal Club: Is Ultrasound useful in Diagnosing Pulmonary Edema, University of
Nebraska Medical Center, 1.00 hour 2009

Morbidity and Mortality Conference: Fight bite: Septic Joint and Tendon Laceration,
University of Nebraska Medical Center, 1.00 hour 2009

POCUS: Ectopic Pregnancy Case, University of Nebraska Medical Center, 1.00 hour
2009

POCUS: Live Ectopic Pregnancy, University of Nebraska Medical Center, 1.00 hour
2009

Topic: Procedural Sedation, University of Nebraska Medical Center, 1.00 hour 2009

Topic: Transfusion Reactions, University of Nebraska Medical Center, 1.00 hour 2009

Case Conference: Acute Glaucoma, University of Nebraska Medical Center, 1.00 hour
2010

Morbidity and Mortality Conference: Subdural Hematoma on Coumadin Therapy,
University of Nebraska Medical Center, 1.00 hour 2010

Radiology Findings You Shouldn't Miss, University of Nebraska Medical Center, 1.00
hour 2010

Research Presentation: Car Seat counseling in the Emergency Department Survey
Results, University of Nebraska Medical Center, 1.00 hour 2010

Radiology Findings You Shouldn't Miss, Palmetto Health Richland, 1.00 hour 2011

POCUS: 1st Trimester Pregnancy, University of Kansas Medical Center, 1.00 hour/year,
2012 - 2017

Topic: Aorta Pathologies, University of Kansas Medical Center, 1.00 hour/year, 2013 -
2014

POCUS: E-FAST, University of Kansas Medical Center, 1.00 hour 2013

POCUS: e-FAST, University of Kansas Medical Center, 1.00 hour 2013

POCUS: Lung & Thoracic, University of Kansas Medical Center, 1.00 hour 2013

POCUS: Ultrasound Guided Vascular Access, University of Kansas Medical Center, 1.00 hour 2013

Topic: Introduction to Fellowships in Emergency Medicine, University of Kansas Medical Center, 1.00 hour 2013

Topic: Non-Cardiogenic Pulmonary Edema, University of Kansas Medical Center, 1.00 hour 2013

POCUS: Thoracic, University of Kansas Medical Center, 1.00 hour 2014

Topic: Emergency Medicine Fellowship Roundtable, University of Kansas Medical Center, 1.00 hour 2014

POCUS: Cases, University of Kansas Medical Center, 1.00 hour 2015

POCUS: Establishing a Bedside Ultrasound Program, University of Kansas Medical Center, 1.00 hour 2016

POCUS: Ultrasound Cases, University of Kansas Medical Center, 1.00 hour 2016

POCUS: Shortness of Breath Ultrasound Cases, University of Kansas Medical Center, 1.00 hour 2017

EMF SG: Febrile Seizure, University of Nebraska Medical Center, 2.00 hours 2018

POCUS: Soft Tissue Ultrasound, University of Nebraska Medical Center, 1.00 hour 2018

POCUS: Ultrasound Guided Procedures, University of Nebraska Medical Center, 1.00 hour 2018

Cadaver Lab: Ocular Ultrasound, University of Nebraska Medical Center, 4.00 hours 2019

EMF SG: Intractable Epistaxis, University of Nebraska Medical Center, 2.00 hours 2019

EMF SG: Intussusception, University of Nebraska Medical Center, 2.00 hours 2019

EMF SG: Spontaneous Bacterial Peritonitis, University of Nebraska Medical Center, 2.00 hours 2019

POCUS: Ultrasound in Evaluation of Hypotension, University of Nebraska Medical Center, 1.00 hour 2019

Topic: Cerebrovascular Accidents, University of Nebraska Medical Center, 1.00 hour 2019

Topic: Low Acuity Back Pain, University of Nebraska Medical Center, 1.00 hour 2019

EMF SG: Testicular Torsion, University of Nebraska Medical Center, 2.00 hours 2020

OYO: Types of Clinical Practices and the Job Search, University of Nebraska Medical Center, 1.00 hour 2020

OYO: Your CV, University of Nebraska Medical Center, 1.00 hour 2020

POCUS: Shock Hemodynamics and RUSH Protocol, University of Nebraska Medical Center, 1.00 hour 2020

EMF SG: Abdominal Aortic Aneurysm, University of Nebraska Medical Center, 2.00 hours 2021

EMF SG: Septic Arthritis, University of Nebraska Medical Center, 2.00 hours 2021

OYO: Personal Finance Part 1: So, are you going to specialize? University of Nebraska Medical Center, 2021

OYO: Personal Finance Part 2: Show Me the Money! University of Nebraska Medical Center, 2021

OYO: Personal Finance Part 3: The Long Game! University of Nebraska Medical Center, 2021

POCUS: EFAST and Trauma MSK Ultrasound, University of Nebraska Medical Center, 1.00 hour 2021

POCUS: Renal/Urinary Tract Ultrasound, University of Nebraska Medical Center, 1.00 hour 2021

Topic: High Yield Radiography, University of Nebraska Medical Center, 2021

Topic: Adult Musculoskeletal Imaging, University of Nebraska Medical Center, 2022

Topic: Adult Thorax Imaging, University of Nebraska Medical Center, 2022

Appendicitis, University of Nebraska Medical Center, 2023

EMF SG: POCUS - RUSH exam, University of Nebraska Medical Center, 2.00 hours 2024

Cadaver Lab: Nerve Blocks, University of Nebraska Medical Center - EM Residency, 4.00 hours 2025

POCUS: Renal/Urinary Tract Ultrasound, University of Nebraska Medical Center, 1.00 hour 2025

Pregnancy Ultrasound, University of Nebraska Medical Center - EM Residency, 1.00 hour/year, 2026

Small Group - Pregnancy Cases, University of Nebraska Medical Center - EM Residency, 2.00 hours/year, 2026

Small Group - Ureterolithiasis, University of Nebraska Medical Center - EM Residency, 2.00 hours/year, 2026

Mentor:

Journal Club: Cardiac US in codes/Pediatric Ocular Ultrasound, University of Nebraska Medical Center, 2.00 hours/year, 2022

Emergency Medicine Residency: Intern Orientation

Director:

POCUS: Introductory Course, University of Nebraska Medical Center, Ultrasound Skills Lab, 8.00 hours/year, 2019-2020

POCUS: Introduction to Bedside Ultrasound Course, University of Kansas Medical Center, Kansas City, KS, 8 Hours Lecture/8 Hours Ultrasound Skills Lab, 16.00 hours/year, 2011 - 2016

POCUS: Introductory Course, University of Nebraska Medical Center, 8 Hours Lecture/8 Hours Ultrasound skills lab, 16.00 hours 2018

POCUS: Introductory Course, University of Nebraska Medical Center, Ultrasound Skills Lab, 8.00 hours/year, 2021 - 2022

POCUS: Introductory Course, University of Nebraska Medical Center, Ultrasound Skills Lab, 6.50 hours 2023 - Present

Instructor:

POCUS: Introduction to Bedside Ultrasound Lab, Palmetto Health Richland, Columbia, SC, 4.00 hours 2010 Jul

Emergency Ultrasound Administrative Fellowship

Lecture:

EUS: Abdominal Aorta, University of Kansas Medical Center, 1.00 hour/year, 2014-2017

EUS: Abdominal Aorta, University of Nebraska Medical Center, 1.00 hour/year, 2019-2020

EUS: Administration, University of Kansas Medical Center, 2.00 hours/year, 2014-2017
EUS: Administration, University of Nebraska Medical Center, 2.00 hours/year, 2019-2020
EUS: Bowel Ultrasound, University of Kansas Medical Center, 2.00 hours/year, 2014-2017
EUS: Cardiac US, University of Kansas Medical Center, 2.00 hours/year, 2014-2017
EUS: Cardiac US, University of Nebraska Medical Center, 2.00 hours/year, 2019-2020
EUS: DVT Ultrasound, University of Kansas Medical Center, 2.00 hours/year, 2014-2017
EUS: DVT Ultrasound, University of Nebraska Medical Center, 2.00 hours/year, 2019-2020
EUS: E-FAST, University of Kansas Medical Center, 2.00 hours/year, 2014-2017
EUS: E-FAST, University of Nebraska Medical Center, 2.00 hours/year, 2019-2020
EUS: Gynecologic Ultrasound, University of Kansas Medical Center, 2.00 hours/year, 2014-2017
EUS: MSK Ultrasound, University of Kansas Medical Center, 2.00 hours/year, 2014-2017
EUS: MSK Ultrasound, University of Nebraska Medical Center, 2.00 hours/year, 2019-2020
EUS: Ocular Ultrasound, University of Kansas Medical Center, 2.00 hours/year, 2014-2017
EUS: Ocular Ultrasound, University of Nebraska Medical Center, 2.00 hours/year, 2019-2020
EUS: Renal Ultrasound, University of Kansas Medical Center, 1.00 hour/year, 2014-2017
EUS: Renal Ultrasound, University of Nebraska Medical Center, 1.00 hour/year, 2019-2020
EUS: Soft Tissue Ultrasound, University of Kansas Medical Center, 2.00 hours/year, 2014-2017
EUS: Soft Tissue Ultrasound, University of Nebraska Medical Center, 2.00 hours/year, 2019-2020
EUS: Testicular Ultrasound, University of Kansas Medical Center, 2.00 hours/year, 2014-2017
EUS: Thoracic Ultrasound, University of Kansas Medical Center, 2.00 hours/year, 2014-2017
EUS: Thoracic Ultrasound, University of Nebraska Medical Center, 2.00 hours/year, 2019-2020
EUS: Ultrasound Physics, University of Kansas Medical Center, 2.00 hours/year, 2014-2017
EUS: Ultrasound Physics, University of Nebraska Medical Center, 2.00 hours/year, 2019-2020
EUS: US Procedural Guidance, University of Kansas Medical Center, 2.00 hours/year, 2014-2017
EUS: US Procedural Guidance, University of Nebraska Medical Center, 2.00 hours/year, 2019-2020
EUS: Vascular Access, University of Kansas Medical Center, 2.00 hours/year, 2014-2017
EUS: Vascular Access, University of Nebraska Medical Center, 2.00 hours/year, 2019-

2020

Fellows

Director:

Emergency Ultrasound Administrative Fellowship, University of Kansas Medical Center, Bradley Jackson, MD, 2014 - 2015

Emergency Ultrasound Administrative Fellowship, University of Kansas Medical Center, Richard Deitz, MD, 2015 - 2017

Emergency Ultrasound Administrative Fellowship, University of Kansas Medical Center, Todd Crane, MD, 2016 - 2017

Advance Emergency Medicine Ultrasonography Fellowship, University of Nebraska Medical Center, Dalton Nelsen, MD, 2019 - 2020

Advance Emergency Medicine Ultrasonography Fellowship, University of Nebraska Medical Center, Cody Bonk, MD, 2020 - 2021

Advance Emergency Medicine Ultrasonography Fellowship, University of Nebraska Medical Center, Martin Tremwel, MD, 2021 - 2022

Advance Emergency Medicine Ultrasonography Fellowship, University of Nebraska Medical Center, Brooke Stephens, MD, 2022 - 2023

Advance Emergency Medicine Ultrasonography Fellowship, University of Nebraska Medical Center, Oluwatobi Ogun, MD, 2022 - 2023

Advance Emergency Medicine Ultrasonography Fellowship, University of Nebraska Medical Center, Ryan Jorgenson, MD, 2022 - 2023

Advance Emergency Medicine Ultrasonography Fellowship, University of Nebraska Medical Center, Jeremy King, DO, 2023 - 2024

Advance Emergency Medicine Ultrasonography Fellowship, University of Nebraska Medical Center, Julie Held, MD, 2023 - 2024

Advance Emergency Medicine Ultrasonography Fellowship, University of Nebraska Medical Center, Rachel Johnson, MD, 2023 - 2024

Advance Emergency Medicine Ultrasonography Fellowship, University of Nebraska Medical Center, Obiaara Ukah MD PhD, 2025 - 2026

Advance Emergency Medicine Ultrasonography Fellowship, University of Nebraska Medical Center, Ryan Fitzner DO, 2025 - 2026

Interdepartmental Education

POCUS: Cardiac Ultrasound, Clarkson Family Medicine Residency, Lecture/POCUS Skills Lab, 2.00 hours/year, 2021 - 2023

POCUS: EFAST, Clarkson Family Medicine Residency, Lecture/POCUS Skills Lab, 2.00 hours/year, 2021 - 2023

POCUS: Lower Extremity DVT Lecture, Clarkson Family Medicine Residency, Lecture/POCUS Skills Lab, 2.00 hours/year, 2022 - 2024

POCUS: Thoracic Ultrasound, Clarkson Family Medicine Residency, Lecture/POCUS Skills Lab, 2.00 hours/year, 2022 - 2024

POCUS: Abdominal Aorta, Clarkson Family Medicine Residency, Lecture/POCUS Skills Lab, 2.00 hours/year, 2024

Instructor:

IM Residency Friday School: Chest Ultrasound, Internal Medicine Residency - University of Kansas Medical Center, 1.00 hour 2017

POCUS: Cardiac, Thoracic, and Renal Ultrasound, University of Nebraska Medical

Center - Nephrology Fellowship, POCUS Skills Lab, 3.00 hours/year, 2018 - 2023
POCUS Vascular Access Lab, Internal Medicine Residency - University of Nebraska Medical Center, Lab, 1.00 hour 2021
POCUS: Cardiac, Thoracic, and Renal Ultrasound, University of Nebraska Medical Center - Nephrology Fellowship, POCUS Skills Lab, 2.00 hours/year, 2025

Lecture:

POCUS: Abdominal Ultrasound in the Hypotensive Patient, Internal Medicine Residency - University of Nebraska Medical Center, 1.00 hour/year, 2019-2021
POCUS: Thoracic Ultrasound, Clarkson Family Medicine Residency, 1.00 hour 2019
POCUS: Cardiac Ultrasound, Clarkson Family Medicine Residency, 1.00 hour 2019

SAEM Sonogames - SAEM Annual Meeting

Advisor:

Sonogames - EM Residency Team Advisor, Society of Academic Emergency Medicine (SAEM); Virtual Meeting, Finished 17th out of 42 teams, 20.00 hours 2021
Sonogames - EM Residency Team Advisor, Society of Academic Emergency Medicine (SAEM); Philadelphia, PA, Finished in the top 20 teams out of > 100 teams nationally, 40.00 hours 2024

Simulation and Cadaver Labs - Emergency Medicine Residency

Instructor:

Sonowars -Emergency Medicine Residency, University of Nebraska Medical Center, 2.50 hours/year, 2019 - Present
Lumbar Puncture, Paracentesis & Thoracentesis with and without Ultrasound guidance, University of Nebraska Medical Center, 4.00 hours/year, 2025
Procedure Lab - Ultrasound Guided Lines, University of Nebraska Medical Center - EM Residency, 4.00 hours/year, 2025

E. CONTINUING EDUCATION (CE) INSTRUCTION

3rd Rock Ultrasound: The Emergency Ultrasound Course: Introductory and Advanced Ultrasound Courses

Instructor:

3rd Rock Ultrasound - Las Vegas, NV, POCUS Skills Lab, 16.00 hours 2010 May
3rd Rock Ultrasound - Las Vegas, NV, POCUS Skills Lab, 16.00 hours 2010 Nov
3rd Rock Ultrasound - Las Vegas, NV, POCUS Skills Lab, 16.00 hours 2011 May

Lecture:

3rd Rock Ultrasound - Las Vegas, NV, Abdominal and Retroperitoneal Ultrasound, 1.00 hour 2010 Nov
3rd Rock Ultrasound - Las Vegas, NV, Ultrasound Guided Vascular Access, 1.00 hour 2011 May
3rd Rock Ultrasound - Columbia, SC, Ultrasound Instrumentation, 1.00 hour 2010 Oct
3rd Rock Ultrasound - Las Vegas, NV, Ultrasound Physics, 1.00 hour 2011 May

3rd Rock Ultrasound: The Emergency Ultrasound Course: Introductory Ultrasound Course

Instructor:

3rd Rock Ultrasound - Columbia, SC, POCUS Skills Lab, 16.00 hours 2010 Oct
3rd Rock Ultrasound - Fayetteville, NC, POCUS Skills Lab, 8.00 hours 2011 Jan

3rd Rock Ultrasound - Sidney, NE, POCUS Skills Lab, 8.00 hours 2013

Lecture:

3rd Rock Ultrasound - Columbia, SC, Ultrasound Guided Vascular Access, 1.00 hour
2010 Oct

3rd Rock Ultrasound - Fayetteville, NC, Delivered Lectures: Physics, Instrumentation,
Abdominal and Retroperitoneal Anatomy and Pathology, Vascular Access, Basic Cardiac
Ultrasound, OB/Gyn Ultrasound, and Trauma Ultrasound, 8.00 hours 2011 Jan

3rd Rock Ultrasound - Warren, MI, Lectures: Physics, Instrumentation, Abdominal and
Retroperitoneal Anatomy and Pathology, Vascular Access, Basic Cardiac Ultrasound,
OB/Gyn Ultrasound, and Trauma Ultrasound, 8.00 hours 2010

3rd Rock Ultrasound - Sidney, NE, Lectures: Physics, Instrumentation, Abdominal and
Retroperitoneal Anatomy and Pathology, Vascular Access, Basic Cardiac Ultrasound,
OB/Gyn Ultrasound, and Trauma Ultrasound, 8.00 hours 2013

Critical Care Ultrasound Course

Director:

University of Nebraska Medical Center - Department of Emergency Medicine; Planning
of the course agenda, recruitment of educational faculty, and overseeing daily course
activities., 2025 - 2026

Instructor:

University of Nebraska Medical Center - Department of Emergency Medicine, POCUS
Skills Lab, 4.50 hours/year, 2025 - 2026

Lecture:

University of Nebraska Medical Center - Department of Emergency Medicine, 2025 -
2026

Emergency Ultrasound Management Course

Instructor:

American College of Emergency Physicians - Scientific Assembly, Group leader for
discussions on POCUS program management, 1.00 hour/year, 2019 - Present

Lecture:

American College of Emergency Physicians - Scientific Assembly, Annual lecture on the
benefits of Clinical Ultrasound accreditation (listed under presentations, though titles may
vary by year)., 2019 - Present

Rural Emergency Medicine Course

Instructor:

University of Nebraska Medical Center, E-FAST exam Ultrasound Skills Lab, 1.00 hour
2023

University of Nebraska Medical Center, Ultrasound Guided Vascular Access (Lab), 1.00
hour 2019

University of Nebraska Medical Center, Ultrasound Guided Vascular Access (Lab), 1.00
hour 2023-Present

Sound Emergency Medicine Conference

UnityPoint Health - Des Moines, 6.00 hours/year, 2025 - 2026

F. ADDITIONAL INSTRUCTION

Behind the Knife

Lecture:

E-FAST Exam, Behind the Knife, Invited Lecture - Educational video created for Behind the Knife - Video used in many of their educational courses including: 1- Trauma Surgery Video Atlas; 2- Dominate Surgery: A High-Yield Guide to Your Surgery Clerkship; 3- Trauma Bay Principles: Beyond ATLS; Also posted to their YouTube channel

(<https://youtu.be/sJJL3aLchl0?si=6l290ZltQOXsfEyK>) and X

(<https://x.com/BehindTheKnife/status/1848020364728672318>), July 2024

Ultrasound and Fluid Responsiveness, Behind the Knife, Invited Lecture - Educational video created for Behind the Knife - Video used in in their educational content "Dominate the Day". Also posted to their YouTube channel

(<https://youtu.be/sJJL3aLchl0?si=ZG1AT5-Yrmk1nopL>) and also on X

(<https://x.com/BehindTheKnife/status/1882200436427379008>), Jan 2025

Nursing Education:

Director:

Nurse Training for Ultrasound Guided Mid-lines, Nebraska Medicine Emergency Department, 3.00 hours/year, 2021

Lecture:

ED Nurse Trauma Education Day - POCUS: e-FAST, University of Kansas Hospital, 1.00 hour/year, 2015

Trauma Nurse Specialist Course

Instructor:

EFAST Exams, Nebraska Medicine, 2.00 hours/year, 2024

EFAST Exams, Nebraska Medicine, 2.00 hours/year, 2025