

CURRICULUM VITAE

Jennifer Rogers, MD
(Formerly Jennifer Ruskis, MD)

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EDUCATION

Undergraduate	Georgetown University Bachelor of Science, 2005 Major: Psychology Minor: Biology Honors: Psi-Chi Honor Society Member, graduated <i>cum laude</i> .
Medical School	University of Connecticut School of Medicine Doctor of Medicine, 2010

POSTGRADUATE TRAINING

Residency	Brown University Emergency Medicine Residency 593 Eddy St. Providence, RI 2010-2014
Fellowship	Emergency Ultrasound Fellowship Cook County Health and Rush University 1969 W. Ogden Ave. Chicago, IL 60612 2014-2015

OTHER EDUCATION/TRAINING

ACEP Teaching Fellowship	American College of Emergency Physicians Dallas, TX 2014-2015
Emergency Ultrasound Management Course	American College of Emergency Physicians Scientific Assembly Beginner Track: Chicago, IL 2014 Advanced Track: San Diego, CA 2018
ABEM Certified	Advanced Emergency Medicine Ultrasonography Focused Practice Designation 2022

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

2014-Present	IL Department of Prof Regulation, Physician
2014-Present	DEA Registrant
2015-Present	ABEM Board Certified, Emergency Medicine
2020-Present	RI Board of Registration in Medicine
2022-Present	Focused Practice Designation, Advanced EM Ultrasound

ACADEMIC APPOINTMENTS

2014-2018	Clinical Instructor Rush Medical College, Department of Emergency Medicine Chicago, IL
2018-2021	Assistant Professor Rush Medical College, Department of Emergency Medicine Chicago, IL
2021-Present	Assistant Professor Alpert Medical School of Brown University, Department of Emergency Medicine Providence, RI
2021-Present	Ultrasound Curriculum Director Alpert Medical School of Brown University, Department of Emergency Medicine Providence, RI

HOSPITAL APPOINTMENTS

2014-2016	Attending Physician, Emergency Medicine Department of Emergency Medicine, Rush University Medical Center, Chicago, IL <ul style="list-style-type: none"> ◆ Annual volume 70k, 8 shifts a month.
2015-2020	Attending Physician, Emergency Medicine Department of Emergency Medicine, West Suburban Medical Center, Oak Park, IL <ul style="list-style-type: none"> ◆ Annual volume 60k, 3-5 shifts a month.
2015-2021	Attending Physician, Emergency Medicine Department of Emergency Medicine, John H Stroger Hospital of Cook County, Chicago, IL <ul style="list-style-type: none"> ◆ Annual Volume 120k, 8-12 shifts a month.
2021-Present	Attending Physician, Emergency Medicine Department of Emergency Medicine, Rhode Island Hospital, Providence, RI <ul style="list-style-type: none"> ◆ Annual Volume >100k, Level 1 Trauma Center, Stroke Center

- 2021-Present **Attending Physician, Emergency Medicine**
Department of Emergency Medicine, The Miriam Hospital, Providence,
RI
- ◆ Annual Volume 60k

AREA OF FOCUS LEADERSHIP APPOINTMENTS

- 2017-2019 **Director of Resident Ultrasound Education**
Department of Emergency Medicine, John H Stroger Hospital of Cook
County, Chicago, IL
- ◆ Expanded and improved didactic curriculum for resident ultrasound education.
 - ◆ Designed hands-on didactic curriculum for residents.
 - ◆ Oversaw progress for credentialing requirements for residents prior to graduation.
 - ◆ Designed and executed 2-day ultrasound course for faculty.
- 2019-2020 **Fellowship Director, Emergency Ultrasound**
Department of Emergency Medicine, John H Stroger Hospital of Cook
County, Chicago, IL
- ◆ Oversight and direction of all aspects of fellowship training in Point-of-care Ultrasound.
 - ◆ Helped develop and supervise fellow's required academic project.
 - ◆ 4 hours per week of direct hands-on teaching with fellows.
 - ◆ Enhanced fellowship with new academic affiliate, North Shore Health System, to improve fellow education.
- 2019-2020 **Division Director (Interim), Emergency Ultrasound**
Department of Emergency Medicine, John H Stroger Hospital of Cook
County, Chicago, IL
- ◆ Oversight for ultrasound training and CE for residents (68), Faculty (32), PAs (8).
 - ◆ Execution of new POCUS workflow utilizing Cerner order integration and worklist with QA upgrade.
 - ◆ Provide Quality Assurance and image review for all point-of-care ultrasounds submitted for review.
- 2021-Present **Ultrasound Curriculum Director**
Warren Alpert Medical School of Brown University, Providence, RI
- ◆ Director for ultrasound sessions in BIOL-3640, BIOL-3650 and EM-5990 (approx. 300 students per year).
 - ◆ Designed and implemented preclinical ultrasound curriculum incorporated into The Doctoring Program.
 - ◆ Designed curriculum for ultrasound component of the Internship Prep Course.

- 2021-Present **Director of Ultrasound Education**
 Brown Emergency Medicine, Providence RI
- ◆ Oversight of resident, medical student and faculty ultrasound education.
 - ◆ Coordination of all rotating students and residents.
 - ◆ Design and execution of annual intern orientation workshop.
 - ◆ Design and execution of hands-on didactic curriculum for residents.
 - ◆ Assisted in design and execution of faculty development workshops.
 - ◆ Curriculum developed for resident didactic sessions.
 - ◆ Provide Quality Assurance feedback for point-of-care ultrasound exams submitted for review.
- 2022-Present **Faculty Mentor, Ultrasound Interest Group**
 Warren Alpert Medical School of Brown University, Providence RI
- ◆ Work with M2s to plan and lead sessions on various topics in ultrasound
 - ◆ Coallate FOAMEd resources for medical students to utilize
 - ◆ 8-12 Students/session

HOSPITAL AND UNIVERSITY COMMITTEES

- 2012-2014 Residency Advisory Committee, Rhode Island Hospital EM Residency
- ◆ Participated in a faculty and resident combined task force for residency improvement.
- 2013-2014 Trauma Oversight Committee, Rhode Island Hospital
- ◆ QA and oversight hospital committee for trauma activations and care.
- 2013-2014 Clinical Competency Committee, Rhode Island Hospital EM Residency
- ◆ Member of the committee that evaluated resident milestones.
- 2013-2014 Residency Curriculum Committee, Rhode Island Hospital EM Residency
- ◆ Proposed and implemented experiential and didactic changes to EM Residency Curriculum.
- 2013-2014 Counsel of Chief Residents, Rhode Island Hospital
- ◆ Represented Emergency Medicine Residency on hospital committee
- 2015-2020 Resident Recruitment Committee - Department of Emergency Medicine, Stroger Hospital
- ◆ Interviewed applicants and assisted in the rank list determination for residency.
- 2017-2020 Education Committee – Department of Emergency Medicine, Stroger Hospital

- ◆ Monthly meeting to discuss education and CE for residents, Faculty, PAs.
- ◆ Revamped and streamlined rotation evaluation process for residents.

2017-2020	Faculty Recruitment Committee - Department of Emergency Medicine, Stroger Hospital <ul style="list-style-type: none">◆ Interviewed for faculty positions.
2019-2020	GME Committee – Stroger Hospital of Cook County <ul style="list-style-type: none">◆ Representation of the US Fellowship to GME committee.
2020-2021	Chairperson Recruitment Committee – Stroger Hospital of Cook County <ul style="list-style-type: none">◆ Interviews and off-site meetings with candidates for Chairperson of Emergency Medicine.
2021-Present	Fellowship Interviewer – Brown Emergency Medicine <ul style="list-style-type: none">◆ Interview ultrasound fellowship candidates.
2021-Present	Faculty Interviewer – Brown Emergency Medicine <ul style="list-style-type: none">◆ Interview faculty candidates.

MEMBERSHIP IN SOCIETIES

2010-2014	Member, Emergency Medicine Residency Association (EMRA)
2012-Present	Member, American College of Emergency Physicians <ul style="list-style-type: none">◆ Member, Emergency Ultrasound Section 2013-Present◆ Member, Emergency Ultrasound Section Resident Education Subcommittee 2014-2020
2014-2020	Member, Illinois Chapter of the American College of Emergency Physicians
2014-Present	Member, Society for Academic Emergency Medicine <ul style="list-style-type: none">◆ Member, Academy of Emergency Ultrasound
2019-2020	Member, Society of Clinical Ultrasound Fellows
2020-Present	Member, Rhode Island Chapter of the American College of Emergency Physicians

PUBLICATIONS LIST

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. McGregor, AJ, **Ruskis, J.** “Necrotic Penile Lesion: What a Culture Swab Will Not Reveal” *Emergency Medicine News* 2011:13, 11.

2. Nakitende, D, Gottlieb, M, **Ruskis, J**, Kimball, D, Christian, E, Bailitz, J “Ultrasound for confirmation of thoracostomy tube placement by emergency medicine residents. *Trauma*, 2016.
3. Barr, R, Danziger, C, Hillard, ME, Andolina, C., and **Ruskis, J**. Amount, content and context of infant media exposure: a parental questionnaire and diary analysis. *International Journal of Early Years Education*, 2010; 18(2), 107-122.
4. **Ruskis, J**, Kummer, T. “Diagnosis of metacarpal fracture with equivocal x-ray by point-of-care ultrasound: a case report.” *American Journal of Emergency Medicine* (2014).
5. Pringle K, Mackey JM, Modi P, Janeway H, Romero T, Meynard F, Perez H, Herrera R, Bendana M, Labora A, **Ruskis J**, Fogle J, Partridge R, Levine AC. “A short trauma course for physicians in a resource-limited setting: Is low-cost simulation effective?”. *Injury*. 2015 Sep;46(9):1796-800.
6. Matthew Nelson, Amin Abdi, Shrikar Adhikari, Michael Boniface, Robert Bramante, Daniel Egan, Matthew Fields, Megan Leo, Andrew Liteplo, Rachel Liu, Jason Nomura, David Pigot, Christopher Raio, **Jennifer Ruskis**, Robert Strony, Chris Thom and Resa Lewiss. “Goal-directed Focused Ultrasound Milestones Revised: A Multiorganizational Consensus”. *Acad Emerg Med* 2016 23(11):1274-1279.
7. Dhanani, M, Pfeiffer, K, **Rogers, J**, Leo, M, Sheng, A, Jung, C. “Outcomes of a resident-led ultrasound-guided peripheral intravenous catheter placement training program and validation of a procedural training checklist.” *Intern Emerg Med* 2022 Sept;17(6):1837-1841.

BOOKS AND BOOK CHAPTERS

1. **Ruskis, J**, Feden, J: Arthritis, Infectious, Bacterial in Domino, F, et al (Eds): The 5-Minute Clinical Consult 23rd Ed, Philadelphia: Lippincott Williams and Wilkins, 2015.
2. **Rogers, J**: Cholelithiasis, in Rosen P, Barkin RM, Hayden SR, et al (Eds): The Five-Minute Emergency Medicine Consult, 6th Edition, Philadelphia: Williams and Wilkins, 2019
3. **Rogers, J**: Cholangitis, in Rosen P, Barkin RM, Hayden SR, et al (Eds): The Five-Minute Emergency Medicine Consult, 6th Edition, Philadelphia: Williams and Wilkins, 2019.
4. **Rogers, J**: Cholecystitis, in Rosen P, Barkin RM, Hayden SR, et al (Eds): The Five-Minute Emergency Medicine Consult, 6th Edition, Philadelphia: Williams and Wilkins, 2019.
5. **Rogers, J**: Syncope, in Tintinalli’s Emergency Medicine Mobile App, 2022
6. **Rogers, J**: Heart Failure, in Tintinalli’s Emergency Medicine Mobile App, 2022

ABSTRACTS (ORAL/POSTER)

1. Pringle, K, Mackey, J, **Ruskis, J**, Modi, P, Foggie, J, Levine, A. “The effectiveness of a short trauma training course for physicians in a resource-limited setting: does simulation improve outcomes?” ACEP Scientific Assembly, Seattle, WA, October 2013. Poster Presentation.
2. Guy, A, **Ruskis, J**, Liebmann, O. “Emergency Department Point-of-care Echocardiography Detects Aortic Stenosis.” New England SAEM Regional Assembly, Worcester, MA, March 2014. Poster Presentation.
3. Cone B, Gottlieb M, Krass L, Bonnono S, Moore PQ, Criswell A, **Ruskis J**, Bailitz J, Hafez M. “The County Walk Technique: An Advancement of Standard Peripheral Intravenous Angiocatheter Placement Under Ultrasonographic Guidance.” SAEM Annual Meeting, San Diego, CA, May 2015. Poster and Technique Demonstration.
4. McCauley M, Bailitz J, Horowitz R, Gottlieb M, Hafez M, **Rogers J**, Au A, Gaspari RJ, Noble V, Boulger C, Liu R. “Development of a Mastery Learning Checklist and Minimal Passing Standard for Emergency Resident EFAST Training.” ACEP Research Forum, ACEP Online Scientific Assembly, October 2020. Online Abstract Presentation.
5. Barret Zimmerman, Tracy E. Madsen· Giorgina Giampaolo, Chuyun Xu, **Jennifer Rogers**, Hilary Davenport· Creagh Boulger, Michael Prats, Alice Wu, Megan Leo· Joseph Pare, Meera Muruganandan, Joshua Kaine, Daniel S. Brenner, Pamela Soriano, Nadia A Villarroel, Michele ML, Schroeder, Natalie Strokes, Anna Tyson, Tim Gleeson, Michael Hill, Alyson J. McGregor, Kristin Dwyer. “Multisite Study on Sex and Gender Equity in Focused Cardiac Ultrasound.” NERDS Annual Regional Meeting, Worcester, MA, April 2023. Oral Abstract.
6. Barret Zimmerman, Tracy E. Madsen· Giorgina Giampaolo, Chuyun Xu, **Jennifer Rogers**, Hilary Davenport· Creagh Boulger, Michael Prats, Alice Wu, Megan Leo· Joseph Pare, Meera Muruganandan, Joshua Kaine, Daniel S. Brenner, Pamela Soriano, Nadia A Villarroel, Michele ML, Schroeder, Natalie Strokes, Anna Tyson, Tim Gleeson, Michael Hill, Alyson J. McGregor, Kristin Dwyer. “Multisite Study on Sex and Gender Equity in Focused Cardiac Ultrasound.” SEAM Annual Meeting, Austin, TX, May 2023. Poster Presentation.

RESEARCH IN PROGRESS

1. Sex and Gender in Bedside Cardiac Ultrasound. Co-investigator for IRB approved retrospective multi-center study evaluating the impact of patient gender on quality of bedside ultrasound.
 - Manuscript in development.
2. Using a Digital Module to Teach Systolic Function Interpretation. Co-investigator pending IRB approval to offer an additional digital module to M2 students with their ultrasound curriculum and assessing if interpretation ability and hands-on skills are improved over standard curriculum.

INVITED PRESENTATIONS & WORKSHOPS

Local

1. Grand Rounds Speaker, Department of Emergency Medicine, Alpert Medical School of Brown University, “Blocking the way: Ultrasound-guided nerve blocks in the ED.” Providence, RI, December, 2013
2. Hands-on Skills Instructor, Department of Emergency Medicine, Alpert Medical School of Brown University, Intern Orientation Ultrasound Workshop, Providence, RI, July 2013.
3. Presenter and Discussion Leader, Department of Emergency Medicine, Morbidity and Mortality Monthly Conference, Alpert Medical School of Brown University, Providence, RI, 2013-2014.
4. Grand Rounds Speaker, Department of Emergency Medicine, Rush University Medical Center, “DVT Ultrasound in the Emergency Department.” Chicago, IL, May, 2015.
5. Morbidity and Mortality Conference Case Discussant, Department of Emergency Medicine, John H Stroger Hospital of Cook County, Topic: Missed Appendicitis, Emergency Medicine Resident Conference, PGY 1-4, Chicago, IL, May, 2015.
6. Hands-on Skills Instructor, Department of Emergency Medicine, Stroger Hospital – Cook County Health, Intern Orientation Ultrasound Workshop, Chicago, IL, July 2015.
7. Morbidity and Mortality Conference Case Discussant, Department of Emergency Medicine, John H Stroger Hospital of Cook County, Topic: Pediatric Advanced Life Support, Emergency Medicine Resident Conference, PGY 1-4, Chicago, IL, May, 2016.
8. Hands-on Skills Instructor, Department of Emergency Medicine, Stroger Hospital – Cook County Health, Intern Orientation Ultrasound Workshop, Chicago, IL, July 2016.
9. Morbidity and Mortality Conference Case Discussant, Department of Emergency Medicine, John H Stroger Hospital of Cook County, Topic: Missed Testicular Torsion, Emergency Medicine Resident Conference, PGY 1-4, Chicago, IL, May, 2017.
10. Hands-on skills instructor, Department of Emergency Medicine, Stroger Hospital – Cook County Health, Intern Orientation Ultrasound Workshop Chicago, IL, July 2017
11. Director, Department of Emergency Medicine, Stroger Hospital – Cook County Health, Resident SONOGAMES Competition, Chicago, IL, April 2018.
12. Course director, lecturer, hands-on skills instructor, Department of Emergency Medicine, Stroger Hospital – Cook County Health, Intern Orientation Ultrasound Course. Developed and led 2-day course on point-of-care ultrasound. Lecture Topics: Ultrasound Physics, Renal Ultrasound, Gallbladder Ultrasound, US Guided Vascular Access. Chicago, IL, July 2018.
13. Speaker, Department of Emergency Medicine, John H Stroger Hospital of Cook County, Cardiac

- Ultrasound: When Seconds Count, Emergency Medicine Resident Conference, PGY 1-4, Chicago, IL, August, 2018.
14. Speaker, Department of Emergency Medicine, John H Stroger Hospital of Cook County, Ultrasound Guided Vascular Access, Emergency Medicine Resident Conference, PGY 1-4, Chicago, IL, July, 2019.
 15. Speaker, Department of Emergency Medicine, John H Stroger Hospital of Cook County, Blocking the Way – Nerve Blocks Emergency Medicine Resident Conference, PGY 1-4. Chicago, IL, July, 2019.
 16. Course director, lecturer, hands-on skills instructor, Department of Emergency Medicine, Stroger Hospital – Cook County Health, Intern Orientation Ultrasound Course. Developed and led 3-day course on point-of-care ultrasound. Lecture Topics: Ultrasound Physics, Renal Ultrasound, Gallbladder Ultrasound, US Guided Vascular Access. Chicago, IL, July 2019.
 17. Speaker, Department of Emergency Medicine, John H Stroger Hospital of Cook County, Resuscitative Ultrasound, Emergency Medicine Resident Resus Course, PGY 2, PGY 4 classes. Chicago, IL, October, 2019.
 18. Director, Department of Emergency Medicine, Stroger Hospital – Cook County Health, Resident SONOGAMES Competition, Chicago, IL, February, 2020.
 19. Course director, lecturer, hands-on skills instructor, Department of Emergency Medicine, Stroger Hospital – Cook County Health, Intern Orientation Ultrasound Course. Developed and led 3-day course on point-of-care ultrasound. Lecture Topics: Ultrasound Physics, Renal Ultrasound, Gallbladder Ultrasound, US Guided Vascular Access. Chicago, IL, July 2020.
 20. Speaker, Department of Emergency Medicine, John H Stroger Hospital of Cook County, Head and Neck Ultrasound – Airway and Beyond, Emergency Medicine Resident Conference, PGY 1-4. Chicago, IL, August, 2020.
 21. Speaker, Department of Emergency Medicine, John H Stroger Hospital of Cook County, Basics of Lung Ultrasound, Emergency Medicine Resident Conference, PGY 1-4. Chicago, IL, September, 2020.
 22. Course director, lecturer, hands-on skills instructor, Brown Emergency Medicine, Intern Orientation Ultrasound Workshop, Providence, RI, June 2021.
 23. Speaker, Brown Emergency Medicine, Rapid Cardiac Ultrasound, Emergency Medicine Resident Conference, PGY 1-4, Providence, RI, August, 2021.
 24. Hands-on skills instructor, Alpert Medical School Doctoring Program, Introduction to Ultrasound, M1 and M2 workshop sessions. August-September, 2021.
 25. Hands-on skills instructor, Alpert Medical School Doctoring Program, Renal Ultrasound, M1workshop sessions. October, 2021.

26. Hands-on skills instructor, Alpert Medical School Doctoring Program, Cardiac Ultrasound, M2 workshop sessions. November, 2021.
27. Hands-on skills instructor, Alpert Medical School Doctoring Program, Abdominal Ultrasound, M2workshop sessions. January 2022.
28. Lecturer, hands-on skills instructor, Brown Emergency Medicine, Faculty Know-And-Grow, Providence, RI, January 2022.
29. Hands-on skills instructor, Alpert Medical School, Internship Prep Course, Ultrasound Session. February, 2022.
30. Hands-on skills instructor, Alpert Medical School Doctoring Program, HEENT Ultrasound, M2workshop sessions. March, 2022.
31. Hands-on skills instructor, Alpert Medical School Doctoring Program, Musculoskeletal Ultrasound, M1workshop sessions. March-April, 2022.
32. Director, lecturer and hands-on skills instructor, Brown Emergency Medicine, Intern Orientation Ultrasound Workshop, Providence, RI, June 2022.
33. Speaker, Brown Emergency Medicine, Are you Kidneying Me? Renal Ultrasound, Emergency Medicine Resident Conference, PGY 1-4, Providence RI, November, 2022.
34. Hands-on skills instructor, Alpert Medical School Doctoring Program, Cardiac Ultrasound, M2 workshop sessions. August, 2022.
35. Hands-on skills instructor, Alpert Medical School Doctoring Program, Introduction to Ultrasound, M1 workshop sessions. September, 2022.
36. Hands-on skills instructor, Alpert Medical School Doctoring Program, Renal Ultrasound, M1 workshop sessions. October, 2022.
37. Hands-on skills instructor, Alpert Medical School Doctoring Program, Clinical Correlation Ultrasound, M2 workshop sessions. November, 2022.
38. Hands-on skills instructor, Alpert Medical School Doctoring Program, Abdominal Ultrasound, M2 workshop sessions. January, 2023.
39. Hands-on skills instructor, Alpert Medical School Doctoring Program, HEENT Ultrasound, M1 workshop sessions. February, 2023
40. Hands-on skills instructor, Alpert Medical School Doctoring Program, Point-of-Care Ultrasound – various topics. M4 workshop sessions. February, 2023
41. Hands-on skills instructor, Alpert Medical School Doctoring Program, MSK Ultrasound, M1 workshop sessions. March, 2023

42. Director, lecturer and hands-on skills instructor, Brown Emergency Medicine, Intern Orientation Ultrasound Workshop, Providence, RI, June 2023.
43. Hands-on skills instructor, Alpert Medical School Doctoring Program, Cardiac Ultrasound, M2 workshop sessions. August, 2023.
44. Hands-on skills instructor, Alpert Medical School Doctoring Program, Introduction to Ultrasound, M1 workshop sessions. September, 2023.
45. Hands-on skills instructor, Brown Emergency Medicine, PEM Faculty Know-and-Grow. Topics: US Guided IV Insertion, Cardiac Ultrasound, Lung Ultrasound, E-FAST. September, 2023.
46. Hands-on skills instructor, Alpert Medical School Doctoring Program, Renal Ultrasound, M1 workshop sessions. October, 2023.
47. Hands-on skills instructor, Brown Emergency Medicine Residency, E-FAST. Workshop session for rotating medical students and PGY1-4 residents. October, 2023.

Regional

1. Instructor, Regional Trauma Symposium, invited instructor for regional Trauma Symposium sponsored by Cook County Trauma, lecture topic and workshop instructor: Focused Echo. Chicago, IL, September, 2014.
2. Coordinator, lecturer and hands-on skills instructor, Department of Emergency Medicine, John H Stroger Hospital of Cook County, Intro to Critical Care Ultrasound and RUSH Exam: Cook County Crash Course, Presenter and lead workshop coordinator for C4 Regional Ultrasound Course. Chicago, IL, May, 2015.
3. Lecturer and hands-on skills instructor, Illinois College of Emergency Physicians, ICEP Ultrasound Course Instructor. Topic: Transvaginal and Transabdominal Pelvic Ultrasound, Downers Grove, IL, February, 2016.
4. Lecturer and hands-on skills instructor Illinois College of Emergency Physicians, ICEP Ultrasound Course Instructor: Topics: US guided Vascular Access, Soft Tissue Ultrasound. Downers Grove, IL, 2017.
5. Lecturer and hands-on skills instructor Illinois College of Emergency Physicians, ICEP Ultrasound Course Instructor: Topics: US guided Vascular Access, Soft Tissue Ultrasound. Downers Grove, IL, 2018
6. Lecturer and hands-on skills instructor Illinois College of Emergency Physicians, ICEP Ultrasound Course Instructor: Topics: US guided Vascular Access, Soft Tissue Ultrasound. Downers Grove, IL, 2019.
7. Hands-on skills Instructor. Brown SoundWave Symposium. Topic: Cardiac Ultrasound. Alpert Medical School of Brown University, Providence RI, September 2023.

National

1. Hands-on skills instructor, American College of Emergency Physicians Scientific Assembly, Instructor for cadaver procedure lab. Featured presenter: Pericardiocentesis. Boston MA, 2015.
2. Hands-on skills instructor, American College of Emergency Physicians Scientific Assembly, Instructor for cadaver procedure lab. Washington, DC, 2017.
3. Hands-on skills instructor, American College of Emergency Physicians Scientific Assembly, Instructor for Critical Care Ultrasound Lab. Denver, CO, October, 2019.
4. Planning Committee Member and Facilitator, Society for Clinical Ultrasound Fellowships Pre-Conference Fellow Session. Portland, ME, September 2023.

International

1. Lecturer and hands-on skills instructor, Partners in Health Ultrasound Course, Co-instructor for an intensive two-week course on bedside ultrasound for medicine residents and attendings in resource-poor setting. Hospital St. Nicolas, St. Marc, Haiti, 2014.
2. Hands-on skills instructor, Social Media and Critical Care Conference, SMACC, Instructor for cadaver procedure lab international conference. Chicago, Illinois, USA, 2015.
3. Hands-on skills instructor, Social Media and Critical Care Conference, SMACC, Instructor for cadaver procedure lab international conference. Dublin, Ireland, 2016.
4. Hands-on skills instructor, Social Media and Critical Care Conference, SMACC, Instructor for cadaver procedure lab international conference. Sydney, Australia, 2019.

REVIEWER/EDITORIAL ACTIVITIES

2016-Present Ad Hoc Reviewer, Academic Emergency Medicine Education & Training

CURRICULUM DEVELOPMENT

January, 2013 **Curriculum Development, Nicaragua Trauma Course**
Department of Emergency Medicine, Alpert Medical School of Brown University: International site in Managua, Nicaragua.

- ◆ Curriculum and Simulation authorship for trauma course.
- ◆ 40 Students

March, 2014 **Instructor, Ultrasound Training Course**
Partners in Health Family Medicine Residency, Hospital St. Nicolas, St. Marc, Haiti

- ◆ Co-instructor for an intensive two-week training course on bedside ultrasound for medicine residents and attendings in a resource poor setting.
- ◆ 15 Students.

2015-2020

Instructor, Rush Anatomy Lab

Rush Medical College, Chicago, IL

- ◆ Curriculum Development and Instructor for M1 Sonographic Anatomy course.
- ◆ Didactic and hands-on ultrasound instruction for: Echo, Renal, GI, MSK, Head and Neck.
- ◆ Approx 100 Students.

2017-2019

Director, Resident Ultrasound Education

Department of Emergency Medicine, John H Stroger Hospital of Cook County, Chicago, IL

- ◆ Restructured the longitudinal point-of-care ultrasound curriculum for residents.
- ◆ Developed and implemented a tiered curriculum for residents as they advance in training.
- ◆ Collated and organized online curriculum on ultrasoundninja.com to coordinate rotations.
- ◆ Introduced and organized SonoWars to experiential curriculum.
- ◆ 64 Residents.

2018-2020

Course Director, Intern Orientation Ultrasound Course

Department of Emergency Medicine, John H Stroger Hospital of Cook County, Chicago, IL

- ◆ Developed and ran an intensive 3-day ultrasound course for new interns.
- ◆ Lecture topics include: Fundamentals of Ultrasound, Machine Operation and QA, Renal Ultrasound, Biliary Ultrasound.
- ◆ 17 residents.

2019-2020

Fellowship Director, Emergency Ultrasound

Department of Emergency Medicine, John H Stroger Hospital of Cook County, Chicago, IL

- ◆ Developed year-long curriculum for fellows in emergency ultrasound.
- ◆ Utilized spaced repetition for core and advanced ultrasound topics.
- ◆ Created asynchronous year-long curriculum utilizing text, recent and landmark journal articles and FOAM-Ed resources.
- ◆ Structured faculty hands-on sessions to practice and solidify concepts and skills from asynchronous curriculum.
- ◆ 1 fellow per year.

2021-Present

Director of Ultrasound Education

Brown Emergency Medicine, Providence, RI

- ◆ Supervising attending for Point-of-Care Ultrasound Elective EM-5640.
- ◆ Revamped asynchronous curriculum for rotating residents and medical students.
- ◆ Organize and supervise rotations for residents and medical students.
- ◆ Lead in-person orientation for rotating residents as well as multiple in-person hands-on sessions per month.
- ◆ 56 residents, 10-12 students per year.
- ◆ Developed and run Resident Ultrasound Track (1 resident as of 2023).

2021-Present

Director, Intern Orientation Workshop

Brown Emergency Medicine, Providence, RI

- ◆ Recruited models, secured space and obtained loner equipment for workshop.
- ◆ Organized curriculum.
- ◆ Lectured on Ultrasound Physics, E-FAST, Gallbladder Ultrasound.
- ◆ Hands-on instruction for multiple applications.
- ◆ 14 residents.

2021-Present

Ultrasound Curriculum Director

Warren Alpert School of Medicine, Providence RI

- ◆ Director for ultrasound portion of BIOL-3640 and BIOL-3650.
- ◆ Director for ultrasound session of Internship Preparatory Course BIOL-5990
- ◆ Developed objectives, teaching materials and study questions for preclinical medical curriculum in 8 sessions spanning first and second years.
- ◆ Developed ultrasound session for Internship Prep Course for graduating fourth year students.

MENTORING ROLES

Students

2022-Present

David Dorfman, MD Candidate 2024, Alpert Medical School of Brown University

2022-Present

Nicholas Seidler, MD Candidate 2024, Alpert Medical School of Brown University

Residents

2015-2017	Dr. Stephen Park, Emergency Medicine Resident, Stroger Hospital – Cook County Health
2015-2019	Dr. Mwiche Sinyinza, Emergency Medicine Resident, Stroger Hospital – Cook County Health
2016-2018	Dr. David Murray, Emergency Medicine Resident, Stroger Hospital – Cook County Health
2016-2020	Dr. Justine Seidenfeld, Emergency Medicine Resident, Stroger Hospital – Cook County Health
2018-2019	Dr. Onyinyechi Eke, Emergency Medicine Resident, Stroger Hospital – Cook County Health
2019-2020	Dr. Abdulkareem Agunbiade, Emergency Medicine Resident, Stroger Hospital – Cook County Health
2019-2021	Dr. Nathaniel Leu, Emergency Medicine Resident, Stroger Hospital – Cook County Health
2019-2021	Dr. Victoria Gonzalez, Emergency Medicine Resident, Stroger Hospital – Cook County Health
2019-2021	Dr. Asma Hashim, Emergency Medicine Resident, Stroger Hospital – Cook County Health
2021-Present	Dr. John Martindale, Emergency Medicine Resident, Brown Emergency Medicine
2022-Present	Dr. Allison Pusateri, Emergency Medicine Resident, Brown Emergency Medicine

Fellows

2015-2016	Dr. Damali Nakitende, Emergency Ultrasound Fellow, Stroger Hospital – Cook County Health
2015-2016	Dr. Michael Gottlieb, Emergency Ultrasound Fellow, Stroger Hospital – Cook County Health
2015-2016	Dr. Tina Sundaram, Emergency Ultrasound Fellow, Stroger Hospital – Cook County Health
2016-2017	Dr. John Fields, Emergency Ultrasound Fellow, Stroger Hospital – Cook County Health
2017-2018	Dr. Dallas Holladay, Emergency Ultrasound Fellow, Stroger Hospital – Cook County Health
2019-2020	Dr. Mark Chottiner, Emergency Ultrasound Fellow, Stroger Hospital – Cook County Health
2020-2021	Dr. Kristina Pfeiffer, Emergency Ultrasound Fellow, Stroger Hospital – Cook County Health
2021-2022	Dr. Mazen Alateeq, Non-Clinical Emergency Ultrasound Fellow, Brown Emergency Medicine
2021-2022	Dr. Abdullah Alfahhad, Non-Clinical Emergency Ultrasound Fellow, Brown Emergency Medicine
2021-2022	Dr. Lubna Alshibani, Non-Clinical Emergency Ultrasound Fellow, Brown Emergency Medicine
2021-2022	Dr. Nicole Leonard, Emergency Ultrasound Fellow, Brown Emergency Medicine

2022-Present	Dr. Abdulatif Almaki, Non-Clinical Emergency Ultrasound Fellow, Brown Emergency Medicine
2022-Present	Dr. Bandar Alenze, Non-Clinical Emergency Ultrasound Fellow, Brown Emergency Medicine
2023-Present	Dr. Ali Al-Hojelan, Non-Clinical Emergency Ultrasound Fellow, Brown Emergency Medicine