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CURRICULUM VITAE
AMY MARIOREZZI, MD
[maiden name Matson]

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EDUCATION

College of Biological Sciences at the University of Minnesota – Twin Cities
Genetics, Cell Biology, and Development
Bachelor of Science, *summa cum laude*, 2007 - 2011

Georgetown University School of Medicine
Doctor of Medicine, *magna cum laude*, 2011 - 2015
Alpha Omega Alpha Honor Society and Joseph Collins Foundation Scholarship recipient

POSTGRADUATE TRAINING

Emergency Medicine Residency
Alpert Medical School of Brown University, Providence RI
PGY1-PGY4, 2015 – 2019
Administrative Chief Resident
2018 – 2019

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

Rhode Island Physician License MD16568
Issued 02/08/2019 – Present

DEA X-Waiver, SAMHSA Buprenorphine practitioner
Issued 01/03/2020 – Present

ACADEMIC APPOINTMENTS

Residency Program Assistant Director, Department of Emergency Medicine, Alpert Medical School of Brown University. Providence, RI.
10/05/2020 – Present

Curriculum Director, Emergency Medicine Residency Program, Alpert Medical School of Brown University. Providence, RI.
10/05/2020 – 06/30/2023

Assistant Professor of Emergency Medicine, Clinician Educator, Department of Emergency

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Medicine, Alpert Medical School of Brown University. Providence, RI.
07/01/2019 – Present

Administrative Chief Resident, Emergency Medicine Residency Program, Alpert Medical School of Brown University. Providence, RI.
2018-2019

HOSPITAL COMMITTEES

Member, Wellness Committee, Brown Emergency Medicine
September 2023 – Present

Member, Application Process Improvement Committee, Council of Residency Program Directors
July 2023 – Present

Peer Supporter, Critical Incident Peer Support Program, Brown Emergency Medicine
March 2022 – Present

Member, Grand Rounds Planning Committee, Brown Emergency Medicine
June 2021 – Present

Alternate Member, Graduate Medical Education Committee, Lifespan
October 2020 – Present

Member/Faculty Interviewer, Residency Recruitment Committee, Brown Emergency Medicine Residency
November 2019 – Present

Member, Clinical Competency Committee, Brown Emergency Medicine Residency
July 2019 – Present

Member, Rhode Island Hospital Cardiac Arrest Committee
07/01/2016 – 06/30/2019

UNIVERSITY COMMITTEES

Co-Chair, Resident Leadership in Medical Education, Alpert Medical School of Brown University
08/01/2016 – 06/30/2018

MEMBERSHIP IN SOCIETIES

Member, Rhode Island Medical Society
08/01/2020 – Present

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Member, Society for Academic Emergency Medicine
07/01/2015 – Present

Member, American College of Emergency Physicians
07/01/2015 – Present

Member, Emergency Medicine Residents' Association
07/01/2015 – 06/30/2019

AWARDS

Resident Hero Award, Brown Emergency Medicine Residency Program
06/15/2023

Excellent in Education Innovation, Brown Emergency Medicine
02/10/2023

Education Innovation Award, RI ACEP
03/10/2022

Excellence in Education Leadership, Brown Emergency Medicine
12/10/2021

Haffenreffer Family House Staff Excellence Award, Rhode Island Hospital
05/29/2019

The Dorothy Miller Clinical Excellence Award, Brown Emergency Medicine Residency
06/20/2019

The Daniel L Savitt Resident Teaching Award, Brown Emergency Medicine Residency
06/20/2019

The Michael A Rolnick MD Award In Emergency Medicine, Georgetown University School
of Medicine
05/17/2015

PROFESSIONAL DEVELOPMENT

AAMC Early Career Women Faculty Leadership Development Seminar
07/18/2023 – 07/21/2023

Medical Education Research Certification at CORD
April 2021- Present

CITI Certification
June 2023 – June 2026

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Harvard Macy Institute, Program for Post-Graduate Trainees: Future Academic Clinician-Educators

12/09/2017 – 12/11/2017

PUBLICATIONS LIST

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

Goldman S, **Matson A**. "A Pain in the Neck Diagnosis: Crowned Dens Syndrome." Rhode Island Medical Journal. 104.4 (May 2021): 40.

Zhang XC, **Matson A**, Gil JA, Chiou D, Wing RD, Kobayashi L, Cruz AI Jr. "Wrist reduction instruction with simulation technology (WRIST) interdisciplinary emergency medicine and orthopedic surgery study." SSH IMSH2021 Technical Proceedings, at SSRN: <http://dx.doi.org/10.2139/ssrn.3808897> doi.: 10.21389/ssrn.3808897 (March 2021).

Duignan K, Quinn A, and **Matson A**. "Serotonin syndrome from sertraline monotherapy: A case report." The American Journal of Emergency Medicine (2019): 158487.

Price A, England K, **Matson A**, Blazar B, & Panoskaltsis-Mortari A. Development of a Decellularized Lung Bioreactor System for Bioengineering the Lung. Journal of Tissue Engineering. 16(8): 2581–2591 (August 2010).

BOOKS AND BOOK CHAPTERS

Marioenzi M, **Matson A**, Sonne C. Cardiac auscultation maneuvers. In, Clinical Interpretation of Cardiac Auscultation, 1st Edition. Editor, Allen J. Taylor MD. Springer Publishing, New York. 2015.

Marioenzi M, **Matson A**, Unverferth K. Auscultation of constrictive pericarditis. In, Clinical Interpretation of Cardiac Auscultation, 1st Edition. Editor, Allen J. Taylor MD. Springer Publishing, New York. 2015.

PUBLICATIONS SUBMITTED OR IN PREPARATION

Schoppel K, Spector J, Okafor I, Church R, Deblois K, Della-Giustina D, Kellogg A, MacVane C, Pirotte M, Snow D, Hays G, **Marioenzi A**, Connelly H, Sheng A. "Gaps in Pediatric Emergency Medicine Education of Emergency Medicine Residents: A Needs Assessment of Recent Graduates." AEM Education & Training. Accepted for publication.

Aliaga L, **Marioenzi A**, et al. Facilitating Adaptive Expertise in Learning Computed Tomography, a Randomized Controlled Study. Data Analysis in Process.

Marioenzi A, Beaulieu A, Regina A, Letterman S, Porter E, Chung A, Jordan J. Understanding the Workforce Involved in EM Academic Scholarly Tracks: Faculty Effort, Requirements and

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Compensation. Data Analysis in Process.

ABSTRACTS

Aliaga L, **Matson A**, et al. Facilitating Adaptive Expertise in Learning Computed Tomography, a Randomized Controlled Study.

- Oral presentation at CORD “Best of the Best” research on 03/24/2023.
- Oral presentation at SAEM Plenary Session on 04/18/2023.

Lawrence A, **Matson A**, Day E, Beaudoin F. Expanding Your Operational Toolkit: Using Computer Simulation to Improve Flow.

- Abstract presentation at ACEP Research Forum on 10/26/2019.

Matson A, Gil J, Zhang XC, Chiou D, Wing R, Kobayashi L, Cruz A. Wrist Reduction Instruction with Simulation Technology (WRIST) Interdisciplinary Emergency Medicine and Orthopedic Surgery Study.

- Abstract poster presentation at CORD on 04/23/2018.
- *Innovations* oral presentation at SAEM on 05/16/2018.

Matson A, Zhang XC, Brown M, Rougas S. Early Medical Student Mentoring from Residents Across Specialties: A Pilot Program.

- Innovations Spotlight oral presentation at SAEM on 05/17/2017.
- Curricular Innovations oral presentation at CORD on 04/29/2017.

SCHOLARLY WORK PUBLISHED IN OTHER MEDIA, PEER-REVIEWED

Matson A, Musisca N. Video How To: Paronychia Drainage. Brown EM Blog. 06/18/2020. Found at <http://brownemblog.com/blog-1/2020/6/12/guided-paronychia-drainage>.

Matson A, Pensa G. AEM Early Access Podcast Series. AEM Early Access 24: Gender Differences in Faculty Rank Among Academic Emergency Physicians. Brown EM Blog. 02/26/2019. Found at <http://brownemblog.com/blog-1/2019/2/7/aem-early-access-24-gender-differences-in-faculty-rank-among-academic-emergency-physicians?rq=bennett>.

Matson A. EUS: Pyloric Stenosis, Early Pregnancy, Serratus Plane Block. Brown EM Blog. 12/22/2015. Found at <https://blogs.brown.edu/emergency-medicine-residency/eus-pyloric-stenosis-early-pregnancy-serratus-plane-block/>.

Matson A. Orthopedic Review: Distal Radius Fracture Reduction. Brown EM Blog. 10/25/2015. Found at <https://blogs.brown.edu/emergency-medicine-residency/orthopedic-review-distal-radius-fracture-reduction/>.

INVITED PRESENTATIONS

NATIONAL

Invited Panelist, Virtual Specialty Forum, AAMC. Held Virtually.

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03/31/2022

Workshop Assistant, iMovie Producers, CORD Academic Assembly. San Diego, CA.

03/29/2022

Faculty Moderator, ePoster Session, CORD Academic Assembly. San Diego, CA.

03/28/2022

Faculty Discussant & National Runner-Up, Clinical Pathologic Case Competition National Finals. ACEP. Boston, MA.

10/25/2021

Faculty Discussant & Division 3 Winner, Clinical Pathologic Case Competition Semi-Finals. Council of Emergency Medicine Residency Directors (CORD). Held Virtually.

04/12/2021

LOCAL

Faculty Facilitator, Orthopedic Splinting Workshop. Brown Emergency Medicine Conference. Department of Emergency Medicine. Providence, RI.

10/05/2022

Faculty Facilitator: Heat Illness. Brown Emergency Medicine MedWars. Department of Emergency Medicine. Providence, RI.

08/31/2022

Wide Complex Tachycardias: Bread & Butter Series. Brown Emergency Medicine Conference. Department of Emergency Medicine. Providence, RI.

10/06/2021

Faculty Facilitator: Altitude Sickness. Brown Emergency Medicine MedWars. Department of Emergency Medicine. Providence, RI.

08/25/2021

Critical Care Core Topics. Brown Emergency Medicine Conference Class Day. Department of Emergency Medicine. Providence, RI.

05/31/2023

06/01/2022

06/02/2021

Second Victim Syndrome. Brown Emergency Medicine Conference. Department of Emergency Medicine. Providence, RI.

03/14/2021

Foundations of Emergency Medicine at Simulation. Brown Emergency Medicine Conference. Department of Emergency Medicine. Providence, RI.

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05/19/2021, Forensic Evidence Collection Kit
04/21/2021, Appendicitis in Pregnancy
03/24/2021, Torsades de Pointes
02/17/2021, Beta-Blocker Overdose
12/23/2020, Approach to the “Red Eye”

Foundations of Emergency Medicine for PGY3/4 Residents. Brown Emergency Medicine Conference. Department of Emergency Medicine. Providence, RI.

10/26/2022, Management of Critically-Ill Pulmonary Hypertension Patients
08/10/2022, Physiologically Challenging Intubations
05/04/2022, Core Critical Care Topics
10/27/2021, Emergency Management of LVADs
08/04/2021, Physiologically Difficult Airways
06/23/2021, Orthopedic Lower Extremity Reduction Techniques
05/12/2021, Orthopedic Upper Extremity Reduction Techniques
12/9/2020, Precipitous Delivery
11/25/2020, ACS in Resource-Limited Settings
08/12/2020, Management of Emergent Cardiac Conditions

Faculty Discussant, Clinical Pathologic Case Competition: Cyanide Toxicity. Brown Emergency Medicine Conference. Department of Emergency Medicine. Providence, RI.

09/02/2020

Spine Imaging in the Emergency Department. Brown Emergency Medicine Conference. Department of Emergency Medicine. Providence, RI.

09/02/2020

Guest Facilitator at Simulation Conference. Department of Obstetrics & Gynecology. Providence, RI.

10/14/2020, Cardiac Arrest and Team Debriefing
02/14/2019, Emergency Management of Anaphylaxis

Joint Surgery/Emergency Medicine Morbidity & Mortality Conference. Department of Emergency Medicine and Department of Surgery. Providence, RI.

08/29/2019

Morbidity & Mortality Conference Series, Brown Emergency Medicine Conference. Department of Emergency Medicine. Providence, RI.

2018-2019 Academic Year

Keeping Current Lecture Series, Brown Emergency Medicine Conference. Department of Emergency Medicine. Providence, RI.

03/21/2018

Cannabinoid Hyperemesis Syndrome, Toxicology Lecture Series, Brown Emergency Medicine Conference. Department of Emergency Medicine. Providence, RI.

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01/25/2017

GRANTS

Seed Grant, Brown Emergency Medicine, \$1,000 (one year)

Gaps in Pediatric Emergency Medicine Education of Emergency Medicine Residents: A Needs Assessment

01/01/2023 – 12/31/2023

Faculty Development Grant, Brown Emergency Medicine, \$40,000 (one year)

Implementation of Academic Tracks to Enhance Emergency Medicine Residents' Academic and Scholarly Development

01/01/2023 – 12/31/2023

UNIVERSITY TEACHING

Faculty Instructor, Month of Medicine Pathway Program, Alpert Medical School of Brown University. Providence, RI, class size of 15 students; 06/23/2023

Faculty Mentor, Advanced Clinical Mentorship, Alpert Medical School of Brown University. Providence, RI, class size of 1 student; 11/01/2022 - 04/01/2023

Workshop Faculty Co-Leader, Patient Care in Complex Systems I: Effective Communication Workshop, Gateways to Medicine Master of Medical Sciences Program. Alpert Medical School of Brown University. Providence, RI, class size of 29 students; 11/11/2019

Resident Course Lecturer, Emergency Medicine Clerkship. Various lecture topics including: ACS, Toxicology, AMS, Abdominal emergencies. Alpert Medical School of Brown University. Providence, RI, class size of 6-8 students per session; 07/01/2017 – 6/30/2019

Resident Course Leader and Instructor, BIOL 6671: Essentials of Procedural Skills. Alpert Medical School of Brown University. Providence, RI, class size of 20 students; 07/01/2016 – 06/30/2018

Physician Mentor, BIOL 3640/3650: Doctoring I and II, Alpert Medical School of Brown University. Providence, RI, class size of 1 student; 07/01/2016 – 06/30/2018

HOSPITAL TEACHING

Curriculum Developer, Life Curriculum, Brown Emergency Medicine Residency. 07/01/2022

Faculty Director and Founder, Residency Academic Tracks, Brown Emergency Medicine Residency.

04/11/2022 – Present

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Faculty Course Director, PGY1 Suture Skills Lab, Brown Emergency Medicine Residency.

06/28/2022

06/29/2021

07/03/2020

Faculty Course Co-Director, PGY1 Procedural Skills Cadaver Lab, Brown Emergency Medicine Residency.

07/16/2023-07/17/2023

07/13/2022- 07/14/2022

07/01/2021-07/02/2021

06/25/2020-06/26/2020

Faculty Lecturer, PGY2 Critical Skills Course, Brown Emergency Medicine Residency.

05/23/2023

04/15/2023

10/21/2021

05/06/2021

03/18/2021

10/14/2020

04/14/2020

Faculty Lecturer, PGY2 Difficult Airway Course, Brown Emergency Medicine Residency.

05/22/2023

04/14/2023

05/05/2021

03/17/2021

04/13/2020

Curriculum Development and Faculty Course Director, Emergency Medicine Foundations, Brown Emergency Medicine Residency.

07/01/2019 – 06/30/2023

Curriculum Development and Faculty Course Director, PGY2 Critical Care Orientation, Brown Emergency Medicine Residency.

06/01/2018 – Present

Resident Lecturer, Morning Report Series, Brown Emergency Medicine Residency.

Various topics: Acute aortic syndromes, Neurologic emergencies, Wide complex tachycardia, Shoulder reduction techniques, Transvenous cardiac pacing. 6-8 learners per session.

07/01/2018 – 06/30/2019

MENTORING

Curriculum Development Faculty Mentor

Class of 2024: Danielle Kerrigan

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Development of “Community Emergency Medicine” lecture series to expose Emergency Medicine residents to common complaints and procedures that occur in community Emergency Departments not affiliated with tertiary care centers.

10/21/2022 – Present

Scholarly Project Faculty Mentor

Class of 2023: Michelle Myles

Development of a novel “Life Curriculum” for senior residents to provide focused teaching on non-clinical topics that are important to practicing Emergency Physicians. Examples include coding, billing, RVUs, medical malpractice, disability insurance, and others. Resident’s project has been accepted for Harvard Macy Institute Program for Post-Graduate Trainees.

07/01/2022 – 06/30/2023

Faculty Mentor, Foundations Course Electives

Class of 2021: Matt Loconte, Brett Murray, Joe Moran, Kevin Pearson

Class of 2023: Camila Tyminski

Residents pursued elective time ranging from 2-4 weeks to develop teaching content and cases for Foundations Course such as advanced critical care cardiology cases, physiologically difficult intubations, toxicology review, and EKG curriculum. Residents facilitated and presented their prepared content at residency-wide conference. The developed content will be part of the recurring annual curriculum.

July 2020 – June 2021

Education Project Faculty Mentor

Class of 2023: Derek Lubetkin

Development of an education project titled “Evolving into an EM Clinical Educator” that has been accepted for Harvard Macy Institute Program for Post-Graduate Trainees.

July 2020 – Present

Appointed Faculty Mentor to the Residency

Class of 2023: Camila Tyminski

July 2019 – October 2020