

May 15, 2023

Curriculum Vitae
Gianna Petrone DO

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EDUCATION

Undergraduate **Manhattan College**
Riverdale, NY
B.S. Major in Biology, Cum Laude
8/2005- 6/2009

Medical School **University of New England College of Osteopathic Medicine**
Biddeford, ME
Doctor of Osteopathic Medicine (**DO**)
May 17th 2014
8/2010- 5/2014

POST GRADUATE TRAINING

7/2018-6/2019 Medical Simulation Fellow- Department of Emergency Medicine
Brown University
Providence RI

7/2014-June 2018 Chief Resident- Department of Emergency Medicine
Kent Hospital/ University of New England
Kent County Memorial Hospital
Warwick, RI
Academic community hospital; 70,000 annual visits
Boston Children's Hospital Regional Poison Control Center
Boston, MA
Toxicology rotation; 59,000 annual visits
February 2016

W. Alpert Medical School of Brown University- Hasbro Children's Hospital
Providence, RI
Pediatric Emergency Medicine; 50,000 patients annual visits
12/ 2016-6/2018

University of Maryland School of Medicine-R. Adams Cowley Shock Trauma Cen
Baltimore, MD
Trauma rotations; 8,600 critical patients annual visits
2015-2017

St. Anne's Hospital
Fall River, MA
Emergency Medicine
February 2017

W. Alpert Medical School of Brown University- Women's and Infants Hospital
Providence, RI *Obstetrical and Gynecological Emergency Medicine; 28,000 annual visits*

POST GRADUATE HONORS AND AWARDS

Excellence in Education Leadership Award
Brown Emergency Medicine, Department of
Emergency Medicine, December 11, 2020

PROFESSIONAL LISCENSES AND BOARD CERTIFICATION

7/1/2014- Present BLS
7/1/2014- Present ACLS
7/1/2014- Present PALS
7/1/2014- Present ATLS
7/1/2014- Present RI Limited Medical License: LP03138
2017-Present Massachusetts Full Medical License: 269362
3/6/2018- Present Rhode Island Full Medical License: DO00907

ACADEMIC APPOINTMENTS

Brown Emergency Medicine

Assistant Residency Program Director
October 2022- Present

Brown Emergency Medicine

Director of Resident Simulation for Emergency Medicine Residents
September 2020- June 2023

University of New England College of Osteopathic Medicine

Neurology/ Neuroanatomy Teaching Assistant for MS II Students
July, 2012- September 2012

HOSPITAL APPOINTMENTS

Attending Physician

Brown Emergency Medicine Physicians
Rhode Island Hospital
Providence RI
October 2019-Present

Attending Physician

Brown Emergency Medicine Physicians
The Miriam Hospital
Providence RI
July 2018-Present

Attending Physician (Per Diem)

Kent Hospital
Department of Emergency Medicine
Warwick, RI
10/2018-Present

Obstetric Medicine Consult Service

Women and Infant's Hospital
Providence, RI

8/2015-June 2018

Attending Physician

Holyoke Medical Center
Department of Emergency Medicine
Holyoke, MA
2/2018- June 2018

HOSPITAL COMMITTEES

Special Needs Care Plan Committee July 2016-June 2018

Creating individualized care plans for patients with frequent ED visits

Graduate Medical Education Committee July 2017- June 2018

Patient Satisfaction Committee July 2017-June 2018

MEMBERSHIP IN SOCIETIES

American Osteopathic Association	2014- Present
American College of Emergency Physicians	2014- Present
Rhode Island ACEP Chapter	2014- Present
American College of Osteopathic Emergency Physicians	2014- Present
American Academy of Emergency Medicine, member	2014- Present
Society of Academic Emergency Medicine (SAEM)	2014- Present
Rhode Island Chapter-ACEP-Toxicology Committee Member	2014- Present
Member, Society for Simulation in Healthcare (SSH)	2014- Present

PUBLICATION LIST

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

- 1) Musits AN, Merritt C, **Petrone G**, Merritt R, Brown LL, Wing R, Smith J, Tubbs R, Moretti K, Clyne B. Faculty support bundle for simulation education. *Clin Teach*. 2022. In Press.
- 2) Clyne B, Barber Doucet H, Brown L, Musits A, Jacobs E, Merritt C, Merritt R, Allister L, **Petrone G**, Musisca N, Smith JL, Baird J, Mello MJ. Marinating procedural skills for academic emergency medicine faculty: A needs assessment. *AEM Educ Train*. 2021 Aug 1
- 3) **Petrone G**, Brown L, Binder W, Naganathan S, Pasichow S, Rybasack-Smith H, Duquette C, Palka D, Musits A. The Calm Before the Storm: Utilizing In Situ Simulation to Evaluate for Preparedness of an Alternative Care Hospital During COVID-19 Pandemic. *Disaster Medicine and Public Health Preparedness*. 2021 March 25.
- 4) Naganathan S, Meehan-Coussee K, Pasichow S, Rybasack-Smith H, Binder W, Beaudoin F, Musits A, Sutton E, **Petrone G**, Levine A, Suner S. From Concerts to COVID: Transforming the RI Convention Center into an Alternate Hospital Site in under a Month. *RI Medical Journal*. August 2020; 8-13
- 5) Musits A, Wing R, Simoes M, Style M, **Petrone G**, Musisca N, Brown L. Interdepartmental Collaboration for Simulation-based Education Obstetric Emergencies for Emergency Medicine. *RI Medical Journal*. May 2020; 42-45.

- 6) Musits A, **Petrone G**, Lindquist D, George P. First call simulation: preparing for acute patient decompensation with facilitated, peri-scenario debriefing. *MedEdPORTAL*. 2020;16:10982.

OTHER NON-PER REVIEWED

- 1) **Petrone, G**, MSII *A Medical Student's Immersion into a World of Dementia: Applying Learning by Living Methods in a Memory Care Center*. 64th Annual Scientific Meeting "Lifestyle Leads to Lifespan" *The Gerontologist* (2011)51 (suppl 2) 6/2011-7/2011

SCHOLARLY WORK PUBLISHED IN OTHER MEDIA

- 1) Striving for Equity in Emergency Medicine: A two year rotating curriculum small group series focusing on topics related to DEI and social determinants of health. 2023
- 2) Brown Emergency Medicine Resident Simulation Curriculum. A two year rotating curriculum focusing on system based cases, task training and facilitator supports. 2022
- 3) Brown Emergency Medicine Resident Virtual Simulation Curriculum. A one-year virtual curriculum with recorded case scenarios, task training guide and facilitator supports. 2021
- 4) Brown Emergency Medicine Resident Simulation Curriculum Handbook. A two-year curriculum with administrative and faculty supports. 2020

ABSTRACTS

- 1) Knopov A, Hess S, Musits A, **Petrone G**, Clyne B, Baird J, Dwyer KH. Sonographer Educator in the Emergency Department: Evaluation of a Novel Education Intervention. Accepted accepted for presentation at Council of Residency Directors in Emergency Medicine (CORD EM); March 2023; Las Vegas NV
- 2) Babesia: A Case of Multi-system Organ Failure **Petrone G**, Varamo V Poster: 16th Annual NEOMEN Research and Scholarship Forum; Biddeford, ME. 5/18/2017
- 3) May-Thurner Syndrome **Petrone G**, Zabbo, C. Poster: Kent Hospital/ UNECOM Annual Research Forum; Warwick, RI. 4/2016
- 4) Third Degree Heart Block due to Lyme Carditis **Petrone G**, Zabbo CP Poster: 14th Annual NEOMEN Research and Scholarship Forum; Biddeford, ME. 5/14/2015
- 5) Third Degree Heart Block due to Lyme Carditis **Petrone G**, Zabbo CP Presentation: Kent Hospital/ UNECOM Annual Research Forum; Warwick, RI. 4/26/2015
- 6) Altered Mental Status in an 89-Year-Old Female: Lyme Disease 3rd Degree Heart Block **Petrone G**, Zabbo CP Poster: AAEM 21st Annual Scientific Assembly; Austin, TX. 3/01/2015

INVITED PRESENTATIONS

International

- 1) "Gas, Pearls, and Diamonds: The Application of Debriefing Frameworks." Musits A, **Petrone G**, Pasichow S, Beck A. Workshop: International Meeting for Simulation in Healthcare; Virtual Conference. January 2021.

- 2) “The Calm Before the Storm: Utilizing In Situ Simulation to Evaluate for Preparedness of an Alternative Care Hospital During COVID-19 Pandemic.” **Petrone G**, Brown L, Musits A. Poster presentation: International Meeting for Simulation in Healthcare; Virtual Conference. January 28, 2021.
- 3) “Gas, Pearls, and Diamonds: The Application of Debriefing Frameworks.” Musits A, **Petrone G**, Pasichow S, Beck A. Workshop: International Meeting for Simulation in Healthcare; San Diego, CA. January 22, 2020.
- 4) “Evaluation of Current Educational Methods for Emergency Cricothyrotomy Training Using an Obese Cricothyrotomy Task Trainer.” **Petrone G**, Musits A, Kobayashi L, Baird J. Presentation: International Meeting of Simulation in Healthcare; San Diego CA. January 21, 2020.
- 5) “First Call: Simulation and The Internship Preparation Course.” **Petrone G**, Musits A, Linquist D. Poster Presentation: International Meeting for Simulation in Healthcare; San Diego, CA. January 19, 2020.
- 6) “Optimizing CPR performance with CPR coaching for pediatric cardiac arrest: A randomized simulation-based clinical trial.” Online journal club presentation for Society for Simulation in Healthcare Journal Club Affinity Group. 2/28/2019

National

- 1) “Evaluation of Current Educational Methods for Emergency Cricothyrotomy Training Using an Obese Cricothyrotomy Task Trainer.” **Petrone G**, Musits A, Kobayashi L, Baird J. Presentation: Society of Academic Emergency Medicine; Las Vegas, NV. May 15, 2020.
- 2) “Babesia: A Case of Multi-system Organ Failure” **Petrone G**, Varamo V Oral Presentation: ACOEP Spring Seminar; Bonita Springs, FL. 4/19/2017

Regional

- 1) “May-Thurner Syndrome” Oral Presentation: Grand Rounds Presentations Kent Hospital/UNECOM. 10/15/2014
- 2) “Lower Extremity Vascular Emergencies” Oral Presentation: Emergency Medicine Core Lecture Series Kent Hospital/UNECOM. 10/30/2014
- 3) “Toxicology: Novel Pediatric Ingestions” Oral Presentation: RIACEP Annual Meeting; Providence RI. 12/2/2015
- 4) “Adult Respiratory Distress Syndrome” Oral Presentation: Grand Rounds Presentations Kent Hospital/UNECOM. 1/5/2015
- 5) “Rhabdomyolysis” Oral Presentation: Emergency Medicine Core Lecture Series Kent Hospital/UNECOM. 5/28/2015
- 6) “Thyrotoxicosis in Pregnancy” Oral Presentation: Emergency Medicine Core Lecture Series Kent Hospital/ UNECOM. 2/3/2016
- 7) “Anticonvulsants Overdoses” Oral Presentation: Boston Children’s Department of Toxicology & Regional Poison Control Center; Boston MA. 2/2016
- 8) “Trauma Arrest Management” Oral Presentation: Emergency Medicine Core Lecture Series Kent Hospital/ UNECOM. 8/18/2016

- 9) “Pulmonary Hypertension” Oral Presentation: Emergency Medicine Core Lecture Series Kent Hospital/ UNECOM. 6/18/2017
- 10) “Attending Life” Petrone G. Oral Presentation: Emergency Medicine Conference Guest Lecture. Kent Hospital/ UNECOM 4/25/2019

GRANTS

- 1) Brown Emergency Medicine Innovations Grant: Comparison of Open Versus Percutaneous Emergency Cricothyrotomy Using a Novel Obese Cricothyrotomy Task Trainer. **Gianna Petrone DO**, Andrew Musits MD MS, Leo Kobayashi MD. October 2018. \$7,000.

UNIVERSITY TEACHING, ADVISING and MENTORING ROLES

BLS training. Warren Alpert Medical School of Brown University. Small group facilitator. Average class size 20 Students.	8/4/2018
Teaching Procedural and Technical Skills: A Practical Workshop for Clinicians Warren Alpert Medical School of Brown University. Presenter/ workshop facilitator. Clyne B, Merrit C, Merrit R, Petrone G, Wing R. Average class size: 28	2/4/2020
Emergency Medicine Clerkship Airway and Cardiac Simulations Warren Alpert Medical School of Brown University. Lecturer/simulation facilitator. Average class size: 10 Students.	2018-Present
First Call Medical Student Course Warren Alpert Medical School of Brown University. Lecturer/ simulation facilitator. Average class size: 12	March 6 th and 11 th 2019, January 12 th 2022
Doctoring Mentor Warren Alpert Medical School of Brown University.	August 2020- Present
Medical Student Mentor University of New England College of Osteopathic Medicine Mentoring first year medical students	August 2020- Present
Advanced Clinical Mentorship Warren Alpert Medical School of Brown University Mentoring third year medical student in Emergency Medicine	January 2021- Present
Emergency Medicine Advising Committee Warren Alpert Medical School of Brown University Mentoring fourth year medical students applying to Emergency Medicine	January 2022-Present
Wilderness Medicine Simulations Warren Alpert Medical School of Brown University Facilitating Wilderness Medicine Simulations for MSIV students	April 2023

Warren Alpert Medical School's Month of Medicine
Simulation Day: Pathways Program
Facilitating a simulation session for underrepresented premedical college students. May 2023

Pathways Program Student Mentor
Mentoring a premedical college student including organizing shadowing shifts and bedside teaching
Spring 2023

Project Adam
Collaborating with a local high school to establish a cardiac response team and gain Heart Safe Status.
August 2023

HOSPITAL TEACHING, ADVISING and MONTORING ROLES

Women and Infants OBGYN Resident Simulation Conference
Developing, organizing and facilitating a simulation conference for the OBGYN residents on code strokes, cardiac arrest, FAST exam and resuscitation.
WIH Simulation Center, Class size: 24 October 5th 2023

SEEM Curriculum
Developing and facilitating a new residency curriculum focusing on equity and inclusion
August 2023-Current

EM FITNESS: Faculty Interactive Training on Necessary Emergency Skills & Simulation
Advance Airway Skills: Cricothyrotomy
Faculty facilitator May 23 & October 17 2023

Simulation Elective Facilitator and Mentor
Mentoring Kent Hospital EM residents interested in Emergency Medicine
Number of Mentees: 4 May 2022-Present

Mock Oral Boards Facilitator March 2023, September 13th 2023

Critical Care Simulation Preparation Course
Facilitating Critical Care simulations for PGY2 Residents
Lifespan Medical Simulation Center Average class size: 14 March 23 & May 31, 2023

Emergency Medicine Resident Simulation Monthly Conference. 8/2018- Present
Director of Resident Simulation- Faculty Facilitator.
Lifespan Simulation Center Average class size: 30-40

Physician Assistant Simulation Course: Organizing and facilitation a dedicated simulation curriculum for EMPED program November 2021- Present

Med Wars: Faculty Leader and facilitator for the Annual Med Wars Competition August 2021

Difficult Procedures Course: Small group facilitator for resident advanced airway management.
Lifespan Medical Simulation Center. April 2021

Difficult Procedures Course: Swine Lab: Advanced Procedural Training in cricothyrotomy and thoracotomy	April 2021
Oral Maxillofacial Office Based Emergencies Simulation Coarse. Simulation Facilitator. Lifespan Medical Simulation Center Average class size 15	10/31/2018 & 11/10/2021
BEM Faculty Airway Training in Video Laryngoscopy	April 2020
BEM Faculty Ventilation Management Training	April 2020
Alternative Care Hospital Insitu Simulations	April 2020
Providence Fire Department Pediatric Simulations and Task Training. Small group facilitator. Lifespan Medical Simulation Center. Average class size: 25	3/1/2019
Cardiovascular Institute Department of Cardiothoracic Surgery Physician Assistant	4/22/1019
National Youth and Leadership Forum. Course Instructor. Lifespan Medical Simulation Center. 10 Students per session	7/18 th ,19 th ,24 th /2018
EXPLO Summer Program. Course Instructor. Lifespan Medical Simulation Center. 20 Students per session.	8/3/2018
Internal Medicine Resident Airway Management Course. Course Instructor and Simulation Facilitator. Lifespan Medical Simulation Center. Average class size: 15	8/27/2018
Emergency Medicine Med Wars. Case Facilitator. Kent Hospital/ UNECOM Average class size: 30	8/30/2018
Johnston High School Simulation Day. Course Director and Facilitator. Lifespan Medical Simulation Center. 8 Students per session	12/17/2018
Newport Hospital Quarterly OBGYN Emergencies Simulation Course. Simulation Facilitator. Salve Regina University. Average class size: 10	11/2018
Basic Airway Management Course Instructor, Kent Hospital/UNECOM. Task Training Course for Internal Medicine, Family Medicine and Emergency Medicine PGY1 Residents	6/2017
Suturing and Splinting Course Instructor, Kent Hospital/ UNECOM. Task Training Course for Internal Medicine, Family Medicine and Emergency Medicine PGY1 Residents	6/2017

