

PAUL M. TRINQUERO, MD, FACEP

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EDUCATION & TRAINING

Northwestern University Emergency Medicine Residency Program Emergency Medicine Resident Physician Northwestern University – McGaw Medical Center Training Sites: <i>Northwestern Memorial Hospital, Chicago, IL</i> <i>Northwestern Lake Forest Hospital, Lake Forest, IL</i> <i>Lurie Children’s Hospital, Chicago, IL</i> <i>Cook County Hospital/Stroger, Chicago, IL</i> <i>Methodist Hospital, Gary, IN</i>	2015-2019
Northwestern University – Feinberg School of Medicine Doctor of Medicine, Distinguished Graduate Training Sites: <i>Northwestern Memorial Hospital, Chicago, IL</i> <i>Jesse Brown VA Hospital, Chicago, IL</i> <i>Cook County Hospital/Stroger, Chicago, IL</i> <i>Lurie Children’s Hospital, Chicago, IL</i> <i>Erie West Town Health Center, Chicago, IL</i>	2011-2015
University of Georgia, Athens, GA Bachelor of Business Administration, Economics Bachelor of Business Administration, Finance Minor in Spanish <i>Highest Honors, Summa cum laude</i>	2006-2011

CLINICAL, ACADEMIC, MILITARY, & ADMINISTRATIVE ASSIGNMENTS

Clinical

Emergency Physician Riverside Regional Medical Center, Newport News, VA Riverside Doctors Hospital, Williamsburg, VA	2020- Present
Emergency Physician US Acute Care Solutions Mary Immaculate Hospital, Newport News, VA	2023
Emergency Physician USAF Hospital Langley, Joint Base Langley-Eustis, VA	2019- 2023
Critical Care Evacuation Physician Special Operations Task Force- North & West Africa (SOTF-NWA)	2020
Staff Physician (Internal Moonlighting) Northwestern Memorial Hospital Emergency Department, Chicago, IL Lake Forest Hospital Emergency Department, Chicago, IL	2018-2019
Intensivist (Internal Moonlighting) Lake Forest Hospital Intensive Care Unit, Chicago, IL	2018-2019

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Administrative

Operational Medical Director- Virginia, Legacy EMS Yorktown, VA	2023- Present
Medical Director, Emergency Department USAF Hospital Langley, Joint Base Langley-Eustis, VA	2021- 2023
Product Line Representative (PLR), Emergency Services Defense Health Agency (DHA) Tidewater Market	2022- 2023
Executive Committee of the Medical Staff (ECOMS) USAF Hospital Langley, Joint Base Langley-Eustis, VA	2021- 2023
Executive Member, Credentials Function USAF Hospital Langley, Joint Base Langley-Eustis, VA	2021- 2023
Functional Requirements Evaluator Designee (FRED), Emergency Department USAF Hospital Langley, Joint Base Langley-Eustis, VA	2021- 2023

Academic

Adjunct Faculty, Interservice Physician Assistant Program (IPAP) Graduate School Academy of Sciences, Fort Sam Houston, TX	2021- 2023
PA Student Emergency Department Rotation Coordinator USAF Hospital Langley, Joint Base Langley-Eustis, VA	2021- 2023

Military

Commissioned Officer Health Professions Scholarship Program, Recipient Commissioned Officer Training, Montgomery, AL	2011 2011
Awards and Decorations Meritorious Service Medal Field Grade Officer (FGO) of the Quarter, 633d MDG Army Commendation Medal Aerial Achievement Medal Global War on Terror- Expeditionary Medal USAF Surgeon General Hospital of the Year	2023 2021 2020 2020 2020 2020
Advanced Military Medical Training Critical Care Air Transport (CCAT) Initial, WPAFB, OH Critical Care Air Transport (CCAT) Advanced, U of Cincinnati, OH Tactical Critical Care Evacuation Team (TC CET) U of Cincinnati, OH Introduction to Special Operations Medicine (ISOM) Hurlburt, FL	2019 2019 2019 2019
Expeditionary Skills Training Fieldcraft Hostile (FC-H), Fort Dix, NJ Evasion and Conduct After Capture (ECAC), Lackland AFB, TX	2019 2019
Deployments <i>Tactical Critical Care Evacuation Team (TC CET) North & West Africa</i> Critical Care Evacuation Physician Lead MD, Camp Aguelal Chair, COVID-19 Response Force, Camp Aguelal Special Operations Task Force- North & West Africa (SOTF-NWA) Special Operations Command Africa (SOCAFRICA)	2020

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Joint Combined Exchange Training (JCET)

Flintlock- Feb 2020, Nouakchott, Mauritania

2020

Lead MEDEVAC MD

Medical Advisor, Senior Leadership Summit

Special Operations Command Africa (SOCAFRICA)

EDUCATION EXPERIENCE

Instructor & Preceptor, Difficult IV Access (DIVA) Training

Langley Air Force Base ER

2022-2023

Instructor & Evaluator, EMT Refresher Course

633d Medical Group, Education & Training, Joint Base Langley-Eustis, VA

2022- 2023

Instructor & Evaluator, Tactical Combat Casualty Care

633d Medical Group, Education & Training, Joint Base Langley-Eustis, VA

2021- 2023

Clinical Instructor & Preceptor, Inter-service Physician Assistant Program

USAF Hospital Langley, Joint Base Langley-Eustis, VA

2019- 2023

Instructor, Tactical Combat Casualty Care

Flintlock 2020, Mauritania

2020

Instructor, Special Operations- Prolonged Field Care

Camp Aguéfal, Niger

2020

Instructor & Preceptor, Difficult IV Access (DIVA) Training

Northwestern Memorial Hospital

2017-2019

Instructor, Chicago Cardiac Arrest Resuscitation Education Service

Chicago, IL

2012-2019

Clinical Instructor, Medical Student Suture/Airway Skills Workshop

Feinberg School of Medicine Course # 1425-6104

2015-2019

Clinical Instructor, Medical Student Capstone Transition to Residency Course

Feinberg School of Medicine

2016

Teacher, MCAT Biology Review, The Princeton Review

Athens, GA

2010-2011

Teaching Assistant, Introduction to Honors Program

University of Georgia, Course HONS 1000H

2007-2010

QUALITY IMPROVEMENT PROJECTS

ED Chair, ED Procedural Sedation Policy & RN Validation Course

USAF Hospital Langley ED & Dept of Anesthesia

2022

Director, ED Imaging Guidelines and Follow Up Ultrasound Pathway

USAF Hospital Langley ED & Department of Radiology

2021-2022

Project Lead, 48-hour Follow-up for Ob Pregnancy Unknown Location (PUL)

USAF Hospital Langley ED & Naval Medical Center Portsmouth Ob/Gyne

2021-2022

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ED Representative , ISBARR Standardized Patient Handoff Protocol QI Project <i>Naval Medical Center Portsmouth Internal Medicine & USAF Hospital Langley ED</i>	2022
Co-Chair , Pediatric Clinical Pathways for the ED <i>USAF Hospital Langley ED & Department of Pediatrics</i>	2021-2022
Committee Member , Overnight ED Discharge Pharmacy Transition Team <i>USAF Hospital Langley ED & Inpatient Pharmacy</i>	2020-2021
ED Representative , Hospital Special Committee for Opioid Prescribing <i>USAF Hospital Langley</i>	2020-2021
Committee Member , Quality Review Committee for Psychiatric Boarding in the ER <i>Northwestern University McGaw Medical Center</i>	2018

INSTITUTIONAL & COMMITTEE EXPERIENCE

Quality & Peer Review Committee, Riverside Regional Medical Center	2024-Present
Executive Committee of the Medical Staff (ECOMS), USAF Hospital Langley	2021-2023
Credentialing Function Committee, USAF Hospital Langley	2021-2023
Relations for Healthcare Transformations Course, Senior Leadership	2021
Blood Utilization Committee, USAF Hospital Langley	2021-2022
Pharmacy & Therapeutics Committee, USAF Hospital Langley	2019-2021
COVID-19 Response Force, Camp Aguelal, Niger	2020
Co-Founder, Co-Chair, NUEM Innovations Academy	2018-2019
Co-Chair, Northwestern Emergency Medicine Innovations (NEMI) Program	2016-2018
Asst Editor, <i>The Redbook: Residents' Guide to Off-service Rotations</i> , NUEM	2016
Member, Administration College, NUEM	2013-2017
Member, Research College, NUEM	2013-2017

ADDITIONAL HONORS & AWARDS

Riverside Health System, Service Line Provider of the Month	2024
Medscape- Emergency Medicine Featured Paper	2018
Feinberg Exemplary Professionalism Resident Award	2017-2018
Third Place, 20 in 6 EMRA Resident Lecture Competition, Las Vegas, NV	2016
Distinguished Graduate- Top 20%, Feinberg School of Medicine	2015
Global Health Initiative Scholarship, Stellenbosch, South Africa	2012
Terry Excellence Award for Outstanding Achievement in Economics	2011
Blue Key Honor Society, University of Georgia	2011
Graduation with Highest Honors, Summa cum Laude, University of Georgia	2011
National Merit Scholarship Recipient	2006
Eagle Scout	2003

PEER REVIEWED PUBLICATIONS

Amick, A, Feinsmith, S, Davis, E, Sell, J, Macdonald, V, & **Trinquero, P** et al. (2021). Simulation-Based Mastery Learning Improves Ultrasound-Guided Peripheral Intravenous Catheter Insertion Skills of Practicing Nurses. *Simulation In Healthcare: The Journal Of The Society For Simulation In Healthcare*, Publish Ahead of Print. doi: 10.1097/sih.0000000000000545

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Davis, E, Feinsmith, S, Amick, A, Sell, J, McDonald, V, **Trinquiero, P**, Moore, A, Gappmaier, V, Colton, K, Cunningham, A., Ford, W., Feinglass, J. and Barsuk, J. (2020). Difficult intravenous access in the emergency department: Performance and impact of ultrasound-guided IV insertion performed by nurses. *The American Journal of Emergency Medicine*. doi: <https://doi.org/10.1016/j.ajem.2020.11.013>

Colmers-Gray, I, Krishnan, K, Chan, T, Trueger, N, Paddock, M, Grock, A, Zaver, F, Thoma, B & **METRIQ Study Collaborators (Trinquiero, P, et al)**. (2019). The Revised METRIQ Score: A Quality Evaluation Tool for Online Educational Resources. *AEM Education and Training*, 3(4), 387-392. doi: <https://doi.org/10.1002/aet2.10376>

Trinquiero, P, Pirotte A, Gallagher LP, Iwaki KM, Beach C, Wilcox JE. (2018). Left Ventricular Assist Device Management in the Emergency Department. *Western Journal of Emergency Medicine*, 19(5), pp. 834-841. doi: 10.5811/westjem.2018.5.37023. PMID: 30202496

Thoma, B, Chan, T, Kapur P, Sifford, D, Siemens, M, Paddock, M, Ankel, F, Grock, A, Lin, M & **METRIQ Study Collaborators (Trinquiero, P, et al)**. (2018). The Social Media Index as an Indicator of Quality for Emergency Medicine Blogs: A METRIQ Study. *Annals of Emergency Medicine*, 72(6), 696-702. doi: <https://doi.org/10.1016/j.annemergmed.2018.05.003>

Thoma, B, Sebok-Syer, S, Colmers-Gray, I, Sherbino, J, Ankel, F, Trueger, N & **METRIQ Study Collaborators (Trinquiero, P, et al)**. (2018). Quality Evaluation Scores are no more Reliable than Gestalt in Evaluating the Quality of Emergency Medicine Blogs: A METRIQ Study. *Teaching And Learning In Medicine*, 30(3), 294-302. doi: 10.1080/10401334.2017.1414609

Trinquiero, P, & Levine, M. (2017). High voltage electrical injury. *Visual Journal of Emergency Medicine*, 6, 35-36. doi: 10.1016/j.visj.2016.07.009

Thoma, B, Sebok-Syer, S, Krishnan, K, Siemens, M, Trueger, N, Colmers-Gray, I, Woods, R, Petrusa E, Chan T & **METRIQ Study Collaborators (Trinquiero, P, et al)**. (2017). Individual Gestalt is Unreliable for the Evaluation and Quality of Medical Education. *Annals of Emergency Medicine*, 70(3), 394-402. doi: <https://doi.org/10.1016/j.annemergmed.2016.12.025>

Cummings, B, Pati, S, Sahin, S, Scholpa, N, Monian, P, **Trinquiero, P**. et al. (2015). Differential effects of cocaine exposure on the abundance of phospholipid species in rat brain and blood. *Drug and Alcohol Dependence*, 152, 147-156. doi: 10.1016/j.drugalcdep.2015.04.009

PEER REVIEWED WEB-PUBLICATIONS

Gonzalez, A. Ko, J. (2021, Dec 13). Resuscitative Hysterotomy. [NUEM Blog. Expert Commentary by **Trinquiero, P** and Bortoletto, P]. Retrieved from <http://www.nuemblog.com/blog/resuscitative-hysterotomy>

Patel N, **Trinquiero P**. (2019, Oct 21). Pediatric Ankle Injuries. [NUEM Blog. Expert Commentary by Loftus K]. Retrieved from <http://www.nuemblog.com/blog/peds-ankle>

Farcas A, **Trinquiero P** (2019, February 11). Post-Intubation Checklist [NUEM Blog. Expert Commentary by Pirotte A]. Retrieved from <http://www.nuemblog.com/blog/post-intubation>

Trinquiero P, Gappmaier V. (2018, September 10). Blunt Cardiac Injury [NUEM Blog. Expert Commentary by Koeck E]. Retrieved from <http://www.nuemblog.com/blog/bci>

Trinquiero P, Byrne E (2017, January 17). Pulmonary Embolism: Don't Throw Out That EKG [NUEM Blog. Expert Commentary by Schimmel D]. Retrieved from <http://www.nuemblog.com/blog/ecg-in-pe>

Trinquiero P, Jain S V (2017, January 3). Pneumothorax Part II: Management in the ED. [NUEM Blog. Expert Commentary by Smith S]. Retrieved from <http://www.nuemblog.com/blog/pneumothorax-management>

Trinquiero P, Alkawham L (2016, August 30). The ED Approach To The Comatose Patient [NUEM Blog. Expert Commentary By Fant A]. Retrieved from <http://www.nuemblog.com/blog/the-comatose-patient>

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Contributing Author, ALiEM Review Book

Gottlieb M, Habrat D, Sheehy M, Zidovetzki S, Chou A, ed. ALiEM In-Training Exam Prep: Emergency Medicine. 1st edition. San Francisco: ALiEM Publishing, 2016. ISBN 978-0-9907948-7-5

Trinquero P, Weston V (2016, February 9). The Rash Worth A Midnight Phone Call. [NUEM Blog. Expert Commentary by Zull DN]. Retrieved from <http://www.nuemblog.com/blog/sjs-ten>

NATIONAL PRESENTATIONS

Abstract Presentations

Trinquero P, Amick A, Davis E, Cunningham A, Moore A, Gappmaier V, Feinsmith S, Sell J, Colton K, Barsuk J. "A Simulation-Based Mastery Learning (SBML) Ultrasound-Guided IV Insertion (USGIV) Curriculum for Emergency Medicine Trainees." (Oral Presentation by Paul Trinquero). American College of Emergency Physicians (ACEP) Scientific Assembly Annual Meeting. San Diego, CA. October 2nd, 2018.

Amick A, Trinquero P, Davis E, Cunningham A, Moore A, Gappmaier V, Feinsmith S, Sell J, Colton K, Barsuk J. "Difficult Intravenous Access in the Emergency Department: Incidence, Implications, and Improved Delays in Care with Nurse-Initiated Ultrasound-Guided Intravenous Access." (Oral Presentation by Ashley Amick). American College of Emergency Physicians (ACEP) Scientific Assembly Annual Meeting. San Diego, CA. October 2nd, 2018.

Lectures and Oral Presentations

Trinquero P. "Would You Like A Lactate With That?" EMRA 20 in 6 Resident Lecture Competition, American College of Emergency Physicians (ACEP) Scientific Assembly. Las Vegas, NV. October 17th, 2016.

Video Available: <https://www.emra.org/be-involved/events--activities/20in6-Resident-Lecture-Competition/2016-presentations-20-in-6/#video-trinquero>

REGIONAL PRESENTATIONS

Lectures and Oral Presentations

Trinquero P. "Overview of Mechanical Ventilation with Focus on Lung Protective Ventilation Strategies." Oral Presentation for Multinational Medical Conference, Camp Aguelal. Niger. Special Operations Task Force- North & West Africa on Jun 5th, 2020.

Trinquero P. "Covid-19: Overview of Pathophysiology, Transmission, and Risk Mitigation." Oral Presentation for Multinational Medical Conference, Camp Aguelal. Niger. Special Operations Task Force- North & West Africa on April 15th, 2020.

Trinquero P. "Become a Better Teacher in Three Easy Steps." Oral presentation at the Feinberg Academy of Medical Educators (FAME): Medical Education Day in Chicago, IL on September 25th, 2015.

LOCAL PRESENTATIONS

Poster Presentations

Trinquero P, Farner K, Hassani D, Kang M. "The Casualty Ward in South Africa: Where Emergency Medicine Meets Chronic Care." Northwestern Global Health Poster Session. Chicago, IL. September 5th, 2012.

Lectures and Oral Presentations

"Pathophysiology and Treatment of Alcohol Withdrawal" 2024
Riverside Mental Health and Recovery Center

"Vasoactive Medications in Critical Care" 2020
Medical Conference, Airbase 201, Niger

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“Chest Tube Management: Physiology, Initial Setup, and Troubleshooting” Special Operations Medic Training, Camp Aguelal, Niger	2020
“Introduction to Tactical Combat Casualty Care” Partner Force Medical Course, Arlit, Niger	2020
“Snake Bites and Antivenom” Flintlock 2020, Nouakchott, Mauritania	2020
“Ultrasound Guided Peripheral IV Insertion” Special Operations Medic Training, Camp Aguelal, Niger	2020
“Fundamentals of Airway Management” French Army Medical Conference, Operation Barkhane, Niger	2020
“Hemorrhagic Shock: Fundamentals of Management” Special Operations Medic Training, Camp Aguelal, Niger	2020
“Developing a Neural Network to Predict ED Disposition at the time of Triage” Senior Resident Research Presentation, Northwestern Emergency Medicine Residency	2019
“An Evidenced-Based Approach to Wellness During Residency” Senior Grand Rounds, Northwestern Emergency Medicine Residency	2019
“M&M: March 2019” Morbidity and Mortality, Northwestern Emergency Medicine Residency	2019
“Refractory Headaches” Pecha Kucha Presentations, Northwestern Emergency Medicine Residency	2018
“Barbiturates as Treatment for Alcohol Withdrawal” Illinois Toxikon Consortium, Illinois Poison Center, Chicago, IL	2017
“Risk of Epilepsy after Carbon Monoxide Poisoning” Illinois Toxikon Consortium, Illinois Poison Center, Chicago, IL	2017
“An Overview of ED Thoracotomy” Trauma Conference, Northwestern Emergency Medicine Residency	2017
“Pediatric Orthopedic Injuries” Ask the Expert, Northwestern Emergency Medicine Residency	2017
“Mangled Extremity Severity Score- MESS” Trauma Conference, Cook County Hospital, Chicago, IL	2017
“Imaging in Ovarian Torsion: A Review of the Evidence” Evidence- Based Medicine, Northwestern Emergency Medicine Residency	2016
“Lactate: Physiology and Clinical Utility” Pecha Kucha Presentations, Northwestern Emergency Medicine Residency	2016
“Fundamentals of Difficult IV Access” Internal Medicine Noon Conference, Northwestern Department of Internal Medicine	2016

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CERTIFICATION & LICENSURE

ABEM Board Certification	2021
Federal DEA License	2019-Present
Virginia Medical License	2019-Present
Indiana Medical License	2018-2019
Indiana Temporary Medical License	2015-2019
Illinois Temporary Medical License	2015-2019
Advanced Trauma Life Support (ATLS)	2017
Basic Cardiac Life Support (BLS)	2022
Advanced Cardiac Life Support (ACLS)	2022
Pediatric Advanced Life Support (PALS)	2023
Neonatal Resuscitation Program (NRP)	2015
Advanced Life Support in Obstetrics (ALSO)	2022

PROFESSIONAL SOCIETIES

American College of Emergency Physicians (ACEP)	2015-Present
<i>Fellow of the American College of Emergency Physicians (FACEP)</i>	2024-Present
Illinois College of Emergency Physicians (ICEP)	2015-2019
Society for Academic Emergency Medicine (SAEM)	2015-Present

LANGUAGES

Spanish	
Advanced Medical Spanish Case Studies	2011
Universidad Nacional Autónoma de México, Chicago, IL	
Conversational Spanish	2007
Universidad de Valencia, Valencia, Spain	
French	
Pimsleur- Level 4	2020

MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE

Online Courses

Deep Learning A to Z: Hands on Artificial Neural Networks, Kirill Eremenko, Udemy	2018
Neural Networks and Deep Learning, Andrew Ng, Coursera	2018

REFERENCES

Elena Garrett, MD
Medical Director
Department of Emergency Medicine
Riverside Regional Medical Center
500 J Clyde Morris Blvd
Newport News, VA 23601

William Gartlan, DO

PAUL M. TRINQUERO, MD, FACEP

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Department of Emergency Medicine
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Abra Fant, MD
Program Director
Department of Emergency Medicine
Northwestern Memorial Hospital
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Assistant Professor
Department of Emergency Medicine
Vanderbilt University Medical Center
1313 21st Ave South
703 Oxford House
Nashville, TN 37232