

August 19, 2025

National Association of Emergency Medical Technicians
P.O. Box 216
Ridgeland, MS 39158

Subject: Carolla, Jonathan Educational and Professional Accomplishments

To the National Association of Emergency Medical Technicians

I hold a Bachelor of Science in Emergency Medical Care Administration (Eastern Kentucky University, 2021) and a Certificate in EMS Leadership (University of Charleston, 2022). I'm currently completing a Master of Science in Emergency Health Services with a concentration in Education at the University of Maryland, Baltimore County (expected 2025).

Certifications include National Registry Paramedic (NRP), IBSC Certified Flight Paramedic (FPC), and Nationally Certified EMS Educator (NCEE). I am a Pennsylvania EMS Instructor and Supervising Instructor, as well as faculty for AHA (BLS, ACLS, PALS) and NAEMT (PHTLS; AMLS in progress).

Professionally, I serve as Education Coordinator at Life Lion EMS, overseeing orientation, simulation-based training, and continuing education. I've led competency-based FTO programs and launched initiatives such as the Alternative to Transport program and capnography-integrated BLS airway management. As Director of Education for Every Coast Helicopter Operations (ECHO), I manage CAPCE compliance, educational content, lead the conference presenter selection, and assist with the Flight Assistance Support Team (FAST) Academy.

I developed a mobile simulation ambulance that delivers high-fidelity training to underserved EMS agencies across Pennsylvania and helped design updated field training and evaluation structures that align with merging EMS agency goals.

Awards and Recognitions

I was selected as a mentee to the NAEMSE Board of Directors, a national recognition for EMS education leadership. I have presented nationally for NAEMSE and contributed to webinars including:

- "Beyond the Alphabet: Revolutionizing EMS Education for Better Results"
- "I'm an Instructor, Now What?"

I was featured on the ECHO Valor Flight Crew Podcast for my work in building high-fidelity simulation on a low-fidelity budget. My simulation ambulance project was also featured by PennLive for its impact on rural EMS training access.

Involvement in NAEMT and Other EMS Organizations

At Life Lion EMS, I operate and teach at our NAEMT-approved training site, delivering PHTLS and other continuing education courses to both internal and regional EMS providers.

I serve as Director of Education for Every Coast Helicopter Operations (ECHO), helping shape educational content for its national conference and help guide peer support training for the Flight Assistance Support Team (FAST).

I am an active member of the National Association of EMS Educators (NAEMSE) and a member of the International College of Advanced Practice Paramedics (ICAPP). I've contributed to textbook reviews, item writing for EMS specialty certifications, and instructional standards.

I've served on multiple committees at the state level, including the redesign of the Pennsylvania psychomotor evaluation process, rewriting instructor methodology requirements, and revising West Virginia EMS education standards.

Employment and EMS Service

- Education Coordinator, Life Lion EMS (Current)
- Flight Paramedic, Life Lion Critical Care (Current)
- Education Specialist, Emergency Health Services Federation
- EMS Special Projects Coordinator, The Kyle Group
- Director of Education, STAT EMS

Verification Contact: Keith McMinn

Email: [REDACTED]

Other Relevant Information

I helped lead the development of the Wise Five initiative for sudden cardiac arrest in student athletes in partnership with Dr. James Kyle and The Kyle Group. I have hosted national education sessions, mentored educators, and consistently advocated for EMS advancement across clinical, educational, and policy platforms.

My work is driven by a desire to elevate EMS education, unify the profession, and inspire others to lead with purpose and passion.

Jonathan Carolla, BSc, NRP, FPC, NCEE



Professional Summary

Experienced and forward-thinking EMS educator and clinical leader with a proven ability to design, implement, and evaluate high-impact training programs across the prehospital and critical care spectrum. Brings a depth of experience in simulation-based education, field training oversight, and interdisciplinary collaboration, with a focus on aligning clinical education with operational readiness and evidence-based practice. Actively engaged in EMS policy development, curriculum innovation, and mentorship to strengthen the EMS workforce and improve patient outcomes.

Professional Experience

Life Lion EMS — Education Coordinator

February 2025 – Present

- Oversee and evaluate EMS orientation programs, ensuring content aligns with current protocols, industry standards, and operational needs to facilitate seamless onboarding of new providers.
 - Design and deliver targeted continuing education programs focused on clinical excellence, provider development, and compliance with state and national requirements.
 - Collaborate with hospital partners to implement interdisciplinary training initiatives that promote cohesive patient care across the continuum.
 - Coordinate joint training initiatives with Critical Care Education, enhancing cross-team competencies and operational readiness.
 - Partner with the Medical Director on educational initiatives, protocol expansion, and pilot programs such as Alternative to Transport Encounters (ATE), supraglottic airway (SGA) utilization by BLS providers with ETCO2 monitoring, and pre-hospital Point-of-Care Ultrasound (POCUS) implementation.
-

Life Lion Critical Care — Flight Paramedic / Co-Chair, Education Council

March 2022 – Present

- Provide advanced life support and critical care transport for high-acuity patients in both ground and air medical environments, ensuring safe and efficient patient transfers.
- Lead the revision and modernization of the critical care and flight orientation programs, enhancing provider preparedness through simulation, scenario-based evaluations, and mentorship integration.
- Oversee the development of a structured preceptor and mentor framework, fostering a culture of continuous professional development and clinical excellence.
- Collaborate with internal councils on initiatives to enhance clinical education, including protocol updates, QA/QI processes, and competency assessments.
- Contribute subject matter expertise to the development of EMS educational materials for upcoming textbook editions, supporting national EMS education advancement.

Every Coast Helicopter Operations (ECHO) — Education Manager

October 2023 – Present

- Support FAST, Safety, and Future Flight teams by developing and delivering focused educational initiatives aimed at improving flight safety, operational efficiency, and clinical competencies.
 - Collaborate with the ECHO Board on conference planning, ensuring educational content meets the highest standards of relevance, quality, and regulatory compliance.
 - Manage CAPCE compliance processes, including course approval, documentation, and quality assurance for all educational offerings.
 - Assist in the development and refinement of educational content for ECHO subgroups, aligning with industry trends and addressing emerging needs within the air medical community.
-

The Kyle Group — Special Projects & EMS Coordinator

March 2022 – Present

- Assist in the oversight and administration of the NRCTC Paramedic Program, supporting curriculum development, student assessment, and accreditation processes.
- Actively participate in state-level EMS policy and protocol development, providing frontline clinical and educational perspectives to guide evidence-based revisions.
- Collaborate with EMS agencies in West Virginia Region 1 to enhance educational opportunities through supplemental training, skills labs, and scenario-based learning.
- Lead a statewide cardiac arrest initiative focusing on athletic events, improving bystander response through the First Five & Wise Five program, which has gained statewide adoption and is under national evaluation for replication.

Emergency Health Services Federation — Education Specialist

December 2023 – February 2025

- Spearheaded the development of a mobile simulation ambulance, providing cutting-edge simulation training to EMS agencies lacking access to high-fidelity educational resources.
 - Directed the Rural EMS Education Initiative, significantly expanding access to EMS certification courses in underserved communities through innovative delivery methods.
 - Provided expert consultation to regional EMS agencies and educational institutions on program development, quality improvement, and regulatory compliance.
 - Facilitated instructor development workshops and conducted comprehensive course evaluations to enhance instructional quality and student outcomes.
-

STAT EMS LLC — Director of Education

August 2019 – March 2022

- Directed a pilot antibiotic administration program for prehospital providers, leading to its adoption as a state-level protocol after demonstrating improved patient outcomes.
- Successfully recertified the training institute for initial paramedic and critical care education, ensuring continued accreditation and program excellence.
- Overhauled the Field Training Officer (FTO) and orientation programs, implementing a competency-based approach aligned with current best practices.
- Developed and implemented agency-wide COVID-19 protocols, ensuring operational continuity and provider safety in compliance with CDC and federal guidelines.
- Served on the WVOEMS Education Subcommittee, contributing to statewide EMS education policy and curriculum development.

HealthNet Aeromedical Services / Health Team CCT — Flight/Critical Care Paramedic

July 2017 – August 2020

- Delivered critical care interventions during ground and air medical transports for patients requiring advanced medical management and rapid interfacility transfers.
- Collaborated with flight team members to deliver landing zone safety courses and American Heart Association (AHA) certification courses to regional EMS agencies and hospital staff, promoting operational safety and clinical excellence.

Vandalia Health / Charleston Area Medical Center — AHA Instructor

May 2016 – Present

- Serve as AHA Faculty, managing a satellite training site and coordinating certification and recertification courses for ACLS, PALS, BLS, and BLS Instructor disciplines.
 - Provide high-quality instruction that emphasizes practical application and adherence to current AHA guidelines, ensuring provider competency across multiple disciplines.
-

Education

- M.S. in Emergency Health Services Education – University of Maryland, Baltimore Campus (Expected December 2025)
 - Certificate in EMS Leadership – University of Charleston, 2022
 - B.S. in Emergency Medical Care Administration (Cum Laude) – Eastern Kentucky University, 2021
 - A.A.S. in Paramedicine – Eastern Kentucky University, 2020
 - A.A.S. in Board of Governors Program – New River Community and Technical College, 2013
 - Paramedic Certificate – New River Community and Technical College, 2013
-

Certifications & Credentials

- National Registry Paramedic (NRP) — 2013
- IBSC Certified Flight Paramedic (FPC) — 2017
- Pennsylvania Paramedic — 2022
- West Virginia Mobile Critical Care Paramedic — 2016
- Kentucky Paramedic — 2016
- Tennessee Paramedic — 2022
- NEMSMA Basic FTO & FTEP Development & Management — 2025
- Nationally Certified EMS Educator — 2025
- Penn State Health Simulation Instructor — 2024
- Life Lion Field Supervisor Program — 2023
- Pennsylvania EMS Supervising Instructor — 2025
- Pennsylvania EMS Instructor — 2023
- TECC Provider — 2025
- TCCC Level 4 Provider — 2025
- AMLS Instructor — 2023
- GEMS Instructor — 2023
- EMS Safety Instructor — 2023
- PHTLS Instructor — 2019
- PEPP Instructor — 2019
- WVPST Instructor I & II — 2017
- WV Adult Teaching Permit — 2018
- WV Fire Officer I & II — 2014
- STAT EMS FTO Program — 2013
- WV Public Service Training Leadership I — 2008