

# Maryland EMS News

For All Emergency Medical Clinicians

Vol. 49 No. 3

March 2023

## Miltenberger Emergency Services Seminar 2023

**THE 18<sup>TH</sup> MILTENBERGER EMERGENCY SERVICES SEMINAR** drew approximately 150 EMS, Fire, Law Enforcement, and Public Safety personnel from across Western Maryland and around the state to Rocky Gap Casino Resort in Flintstone, Maryland, March 9-11, 2023.

This year's diverse array of workshops provided continuing education opportunities for a variety of disciplines, including EMS, Nursing, Fire, and Dispatch. Pre-conference programming included the PEPP-4 Hybrid Course for ALS and BLS clinicians, designed by the American Academy of Pediatrics and administered by the MIEMSS EMS for Children Department, which focuses on assessment and management of ill or injured children. Other pre-conference offerings included a daylong 12-Lead ECG Interpretation Workshop; a multifaceted Nursing/ALS Program; a Stop the Bleed<sup>®</sup> Clinician Instructor Course; and Dispatch track focusing on "Expecting the Unexpected".

During his state of Maryland EMS address, MIEMSS Executive Director Dr. Ted Delbridge told attendees that Maryland's formal EMS system, which celebrates its 50<sup>th</sup> anniversary this year, "stands out" as a national model "because of you and the work you do every day."

Virginia Office of EMS State



*Virginia Office of EMS State CEU Educator Bob Page, M.Ed, NRP, CCP, NCEE, CHSE, CHSOS, kicked off a full day of breakout sessions with his spirited keynote address concerning the ever-expanding use of naloxone within the context of the ongoing opioid crisis.*

CEU Educator Bob Page, M.Ed, NRP, CCP, NCEE, CHSE, CHSOS, kicked off a full day of breakout sessions with his spirited keynote address concerning the ever-expanding use of naloxone within the context of the ongoing opioid crisis. Other conference highlights included an offsite advanced vehicle rescue session, held at Winter's Towing in nearby Cumberland, Maryland, as well as a special dinner honoring the staff of the Critical Care Coordination Center (C4), which helps physicians identify available hospital

critical care resources when patient transfers are necessary.

Donald Lehman, a retired Maryland State Police Trooper/Medic who now serves as Lead Paramedic Instructor for the Washington County Department of Emergency Services, emphasizes the importance of programming like the Miltenberger Emergency Services Seminar to professional development. "I tell my students [that] how you continue

See **MILTENBERGER** page 36

# EMS News Digest

■ **Allegany County EMS Records Fastest 9-1-1 Response Times in County's History** (*Fox 45 Baltimore*). Despite the inherent challenges that rural emergency medical services face, under Director of Emergency Services James Pyles, Allegany County EMS has pared its average 9-1-1 response time to less than 10 minutes, the fastest in its history. Read more: <https://fox-baltimore.com/news/local/allegany-county-ems-records-fastest-911-response-times-in-county-history>

■ **MDH Announces Expanded Educational Loan Repayment Programs for Healthcare Professionals** (*Maryland Department of Health*). The Maryland Department of Health has announced the largest expansion of the Maryland Loan Repayment Program (MLRP) for the 2023 application cycle. In exchange for service obligations to practice in areas of healthcare professional

shortage, eligible health care providers and support staff can earn higher education loan repayment assistance from \$5,000 to \$100,000, depending on licensure. Broadened legislative authority and greater state and federal resources will allow applications from an expanded pool of healthcare professionals, including full and part-time physicians, physician assistants, nurses, and nursing support staff. Read more: <https://health.maryland.gov/newsroom/Pages/Maryland-Department-of-Health-announces-expanded-educational-loan-repayment-programs-for-healthcare-professionals.aspx>

■ **FDA Approves First Over-the-Counter Naloxone Nasal Spray** (*US Food and Drug Administration*). On March 29, the FDA approved Narcan, 4 milligram (mg) naloxone hydrochloride nasal spray for over-the-counter (OTC), nonprescription, use – the first naloxone product ap-

proved for use without a prescription. The FDA's action paves the way for the life-saving medication to reverse an opioid overdose to be sold directly to consumers in places like drug stores, convenience stores, grocery stores and gas stations, as well as online. Read more: <https://www.fda.gov/news-events/press-announcements/fda-approves-first-over-counter-naloxone-nasal-spray>

■ **Fire and EMS: Be Alert for Alternative Fuel Vehicle Conversions** (*US Fire Administration*). As alternative fuels become increasingly popular, many vehicle owners are opting for professional and home conversions that change fossil fuel-powered vehicles into vehicles that run on alternative fuels. It's important for all first responders to be aware of alternative fuel conversions because vehicles powered by anything other

See *EMS NEWS DIGEST* page 24

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# Notice of Funding Opportunity for 2023 Rural EMS Training Grant Program

*Applications Due May 1, 2023*

**THE SUBSTANCE ABUSE AND MENTAL HEALTH SERVICES ADMINISTRATION (SAMHSA)**, part of the U.S. Department of Health and Human Services, has announced a Notice Of Funding Opportunity (NOFO) for the 2023 Rural EMS Training Grant Program. There have been important revisions to the amount of funding available and the anticipated number of awards that will be granted.

SAMHSA encourages rural EMS agencies (both fire-based and non-fire based) operated by a local or tribal government, as well as rural non-profit EMS agencies, to apply.

Review the NOFO announcement for a full description of the



*To apply for the 2023 Rural EMS Training Grant Program, scan the QR code above.*

training program, eligibility information and award details. All applications are due May 1, 2023.

The goal of this SAMHSA program is to recruit and train EMS personnel in rural areas with a particular focus on addressing substance use disorders (SUD) and co-occurring disorders (COD) substance use and mental disorders. Grant recipients will be expected to train EMS personnel on SUD and COD, trauma-informed, recovery-based care for people with such disorders in emergency situations and, as appropriate, to maintain licenses and certifications relevant to serve in an EMS agency.

To apply, scan the QR code at right, or go to <https://www.grants.gov/web/grants/search-grants.html?keywords=TI-23-011>. ■

## *National Distracted Driving Enforcement Mobilization | April 3-10, 2023*

**U DRIVE. U TEXT.**



**THE "U DRIVE. U TEXT. U PAY."** high-visibility enforcement media campaign centers on aiding law enforcement officers in their efforts to keep texting and distracted drivers off the road. Distracted driving is a first offense in many States and continues to gain recognition across the nation as a deadly traffic safety epidemic. The National Highway Traffic Safety Administration (NHTSA) has prepared campaign materials for use by law enforcement and public safety personnel. Download them here: <https://www.trafficsafetymarketing.gov/get-materials/distracted-driving/u-drive-u-text-u-pay>. ■



# Miltenberger Emergency Services Seminar 2023

March 9-11 | Rocky Gap Casino Resort, Flintstone, Maryland



*"[Western Maryland EMS] has longer transport times than most folks do. With Miltenberger, they know what to do for those longer transports and more acute injuries that we see."*

**DWAYNE KITIS**

MIEMSS Region I/II Coordinator



Scan the QR code above for more photo and video coverage of the Miltenberger Emergency Services Seminar 2023..



*"You get 75% of your knowledge from interacting with other people from throughout the state, and the other 25% from the classes that you're in."*

**RICK KOCH**

Battalion Chief | Ocean City Fire Department



# Miltenberger Emergency Services Seminar 2023

March 9-11 | Rocky Gap Casino Resort, Flintstone, Maryland



*"Being a part of something as large as this, it's a great experience to make you feel like you belong, like you're really part of the family of the Maryland EMS system."*

**RAMEEN SHAFIEI, MD**

*Allegany County  
EMS Medical Director*

*"We like to close the loop for [EMS clinicians], so they know exactly what happened to their patients. We can't do what we do without them."*

**REBECCA GILMORE**

*Trauma Program Manager,  
R Adams Cowley Shock Trauma Center*





## ~ *Maryland EMS News* "Save the Date" Calendar ~

### MARCH 2023

- **25:** *Public Fire and Life Safety Educator Seminar.* Maryland Fire and Rescue Institute, College Park, MD. (<https://www.mfri.org/schedule/seminars/>)
- **28-30:** *Adult Mental Health First Aid Instructor Training Program.* Virtual. (<https://tinyurl.com/MHFAINstructorTraining>)
- **30:** *American College of Emergency Physicians - Maryland Chapter Education Conference & Annual Meeting.* University of Maryland SMC Campus Center, Baltimore, MD. (<https://www.mdacep.org/>)
- **31:** *Deadline for submitting nominations for the 2023 Maryland Stars of Life and Right Care When It Counts Awards.* Nomination forms are available online at <https://miemss.org/home/documents>.

### APRIL 2023

- **12:** *Maryland Highway Safety Summit.* Maritime Conference Center, Linthicum Heights, MD. (<https://tinyurl.com/MDHwySafetySummit2023>)
- **26-30:** *EMS Care 2023.* Ocean City Fontainebleu Resort, Ocean City, MD. Further details coming soon.

### MAY 2023

- **4-5:** *ACS Point/Counterpoint XL.* Baltimore Marriott Inner Harbor at Camden Yards, Baltimore, MD. (<https://mdcot.com/point-counterpoint-xl-2023/>)
- **4-5:** *ENA by the Bay.* US Navy-Marine Corps Memorial Stadium, Annapolis, MD. (<https://tinyurl.com/ENA-ByTheBay2023>)
- **6-12:** *National Nurses Week.*
- **21-27:** *48<sup>th</sup> Annual National EMS Week.* (<https://www.naemt.org/initiatives/ems-week>)

### JUNE 2023

- **17-22:** *Maryland State Firemen's Association Annual Convention & Conference.* Ocean City Ocean City Convention Center, Ocean City, MD. (<https://tinyurl.com/MSFAConvention2023>)

### SEPTEMBER

- **19:** *64<sup>th</sup> Annual Mid-Atlantic Life Safety Conference.* Johns Hopkins University Applied Physics Laboratory, Laurel, MD. (<https://www.midatlanticlifesafetyconference.com/>)
- **23:** *Maryland Fire-Rescue Services Memorial 2023 Annual Gala.* DoubleTree by Hilton, Annapolis, MD. For tickets, sponsorships, or questions, email [mdmemorialgala@gmail.com](mailto:mdmemorialgala@gmail.com).

*Submit events to Patrick Tandy at [ptandy@miemss.org](mailto:ptandy@miemss.org).*

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**April 27-30, 2023**  
**Ocean City, MD**

Presented By:

Maryland's Regional EMS Advisory Councils  
The Maryland Institute for Emergency Medical Services Systems



# Maryland EMS Care 2023

April 27-30, 2023

The Ocean City Fontainebleau Resort in Ocean City, Maryland

## The Program

Once again, EMS Care is bringing new and exciting nationally recognized speakers to town, as well as your favorite presenters from years past. Three full days of pre-conference workshop offerings will begin on Thursday, April 27, 2023. Renowned speakers on today's hot topics and an enticing resort setting make this an inviting conference for emergency medical services clinicians, nurses, fire/rescue personnel, and their families.

## Continuing Education

All workshops have been approved by the Maryland Institute for Emergency Medical Services Systems (MIEMSS) for continuing education for ALS and BLS clinicians. Throughout the weekend, EMTs can fulfill the 12 hours of didactic (4 Medical, 4 Trauma, and 4 Local) training required for recertification. Conference staff will be available on-site to assist attendees with their CEU requirements. For specific questions regarding continuing education requirements, please contact the MIEMSS Office of Licensure and Certification at 410-706-3666.

## The Hotel

EMS Care 2023 will be returning to the beautiful Ocean City Fontainebleau Resort located at 10100 Coastal Highway, Ocean City, Maryland 21842. The room rates for the conference are as follows: Double \$130/night (Wed, Thurs nights) and \$152/night (Fri, Sat nights). All rates are based on single or double occupancy; a \$15/night charge will be applied for extra persons. Children under 18 stay free in their parent's room. To receive these rates, you must make your reservations **NO LATER** than **April 10, 2023**. After this date, the room rates will return to the prevailing rate. The block of rooms reserved for conference participants will fill up quickly. For more information or to make your reservations, call 410-524-3535 and request the EMS Care group rate or visit the website to book online:

<https://res.windsurfercrs.com/ibe/details.aspx?propertyid=17056&nights=1&checkin=4/25/2023&group=EM0425&lang=en-us>

## Stay for the Fun!

The Conference is located in the heart of beautiful Ocean City. The beachfront hotel is within easy walking distance to many local attractions and just a short drive from the boardwalk, outlet shopping, the Ocean Downs Casino, and an abundance of fabulous restaurants. If you prefer to stay in, the Ocean City Fontainebleau Resort offers numerous amenities, including an indoor swimming pool, a health spa, a children's playground on the beach, arcade games, Breakers Pub, and their famous "All You Can Eat Prime Rib, Crab Legs, and Seafood Buffet" in the oceanfront Horizons Restaurant.

## Vendors

This year, vendors from a variety of disciplines will join us beginning at 4:00 PM on Friday, April 28, for a vendor meet-and-greet, featuring a cash bar with happy hour pricing from 4:00 PM to 6:00 PM. Later, join us Friday from 6:00 PM to 9:00 PM for our annual vendor reception. This free reception will include light hors d'oeuvres complemented by iced tea and a cash bar with happy hour pricing until 9:00 PM! Door prizes and, as always, outstanding fellowship will be provided! Be sure to stop by and visit each of the vendors and get your bingo card stamped for a chance to win one of three great prizes.



**Fees and Expenses**

This year, we are pleased to announce that those who register by Thursday, March 30, 2023, will receive the discounted “Early Bird” registration rate of \$250 for the full two-day conference, or \$135 for a one-day Saturday or Sunday registration. Beginning Friday, March 31, the standard full two-day (Saturday and Sunday) conference registration fee will be \$260, or \$140 for a one-day registration (either Saturday or Sunday). This fee includes all expenses for workshops, lectures, AV material, and printing costs. Also included are continental breakfasts and full lunches, as well as morning and afternoon snacks on both days. Conference attendees will receive access to download lecture materials online. Pre-conference workshops are offered for additional fees as indicated on the attached registration form.

**Registration**

Registration is limited and on a first-come, first-served basis. **Online registration** for EMS Care is available at <https://cvent.me/ProKmr>

You will receive an email confirmation after completing your registration. Any requests for changes to your schedule must be received by April 15, 2023, and should be emailed to [mdemscare@gmail.com](mailto:mdemscare@gmail.com), Subject: Schedule Change Request. Requests for refunds must be submitted in writing by Sunday, April 15, 2023. **All cancellations are subject to a 20% processing fee.** You may transfer your registration to another person at no-cost. Returned checks are also subject to a \$25 processing fee.

**Walk-in registrations will be accepted pending availability of space.**

**Directions**

Driving directions to the Ocean City Fontainebleau Resort are available on the hotel website at <https://ocbeachresort.com>.

**For More Information**

Visit the MIEMSS website at [www.miemss.org](http://www.miemss.org), or follow the Maryland EMS Care page on Facebook [www.facebook.com/mdemscare](https://www.facebook.com/mdemscare).

## Pre-Conference Activities

### Thursday, April 27, & Friday, April 28, 2023

#### **IAFF Peer Support Training (8:30 AM – 4:30 PM)**

##### **International Association of Fire Fighters**

This 2-day course provides Fire, EMS, Public Safety personnel the necessary knowledge and skills to provide support to their peers, have a basic understanding of common behavioral health issues affecting the fire service, how to serve as a bridge to community resources or behavioral health treatment when indicated, and skills to build or enhance their peer-support programs. Course Fee: \$75 {16 Hrs, BLS: Local/ALS: NCCP Individual}

**NOTE: In addition to registering through CVENT, you must register separately for this course directly using the link below:**

[https://my.iaff.org/Web/Events/Event\\_Display.aspx?EventKey=HS2023\\_024&WebsiteKey=7403ace1-c45e-4dbc-b9cd-d5803a7d91da](https://my.iaff.org/Web/Events/Event_Display.aspx?EventKey=HS2023_024&WebsiteKey=7403ace1-c45e-4dbc-b9cd-d5803a7d91da)

*Speakers and materials for this course have been sponsored by a grant from the Maryland Department of Health with funds from the Hospital Preparedness Program provided by the Assistant Secretary for Preparedness and Response, US Health and Human Services. All fees associated with this pre-conference offering are intended to cover conference resort fees, meals, and refreshments.*

#### **Tactical Emergency Casualty Care (TECC) (8:30 AM – 4:30 PM)**

##### **Joe Ogershok, EMT-A, 8-koi**

This 2-day course presents the three phases of tactical care and integrates parallel EMS nomenclature:

- Hot Zone/Direct Threat Care that is rendered while under attack or in adverse conditions.
- Warm Zone/Indirect Threat Care that is rendered while the threat has been suppressed but may resurface at any point.
- Cold Zone/Evacuation Care that is rendered while the casualty is being evacuated from the incident site.

Course Fee: \$325 {16 Hrs, BLS: Trauma/ALS: NCCP Individual}

### Friday, April 28, 2023

#### **BLS Healthcare CPR (1 PM – 4 PM)**

##### **Dwayne Kitis, CRT, Region I/II Coordinator, MIEMSS**

This Healthcare Clinician BLS course follows the current American Heart Association guidelines. This course is a 4-hour, instructor-led session designed to provide knowledge and skills associated with single and multi-rescuer BLS for adults, children, and infants. Emphasis is placed on the importance of early, high-quality CPR; early defibrillation; team dynamics; and utilization of the AHA links in the chain of survival. Upon successful completion of this course (written exam and skill evaluations), each participant will receive a verification card from the AHA. Expiration of verification occurs 2 years from the last day of the month in which the card was issued.

Course Fee: \$40 {3 Hrs, BLS: Medical/ALS: NCCP Individual}

## Main Conference Activities

### Friday, April 28, 2023

#### Early Bird Check-In (4:00 PM – 6:00 PM)

Skip the Saturday morning line, and check-in early before you head over to the vendor hall!

#### Vendor Preview and Cash Bar (4:00 PM – 6:00 PM)

Stop by and mingle with our impressive cadre of vendors and “talk shop” with your peers. A cash bar with happy hour pricing will also be available.

#### Vendor Reception and Cash Bar (6:00 PM – 9:00 PM)

Join us for our annual vendor reception. This free reception will include light hors d'oeuvres complemented by iced tea and a cash bar with happy hour pricing until 9:00 p.m.! Door prizes and, as always, outstanding fellowship will be provided! Be sure to stop by and visit each of the vendors and get your bingo card stamped for a chance to win one of three great prizes.

### Main Conference Program Descriptions

This year we are happy to announce five tracks in addition to our general sessions.

**Medical** – **Trauma** – **Pediatrics** – **Operations** – **Management/ Leadership**

### Saturday, April 29, 2023

**7:00 AM – 8:00 AM: Conference Registration and Continental Breakfast**

**8:00 AM – 8:15 AM: Opening Ceremonies**

**Jeffrey Sexton, NRP, President, Emergency Education Council of Region III**

**8:15 AM – 9:00 AM: MIEMSS State of the State**

**Theodore Delbridge, MD, MPH, Executive Director, MIEMSS**

MIEMSS Executive Director Dr. Ted Delbridge will highlight the latest developments and trends in Maryland EMS.

{1 Hrs, BLS: Local/ALS: NCCP Individual}

**9:00 AM – 10:00 AM: Keynote Address**

#### Science Behind the Protocols 2023

**Timothy Chizmar, MD, FACEP, FAEMS, State Medical Director, MIEMSS**

Have you ever wondered why we perform certain procedures or give some medications but not others? In a time-sensitive emergency, knowing what to do is just as important as knowing *why* you are doing it. Don't just memorize the protocols! Join State EMS Medical Director Dr. Timothy Chizmar as he delves into the science behind the Maryland EMS Protocols, including the “why” for several upcoming changes starting in July 2023.

{1 Hrs, BLS: Trauma/ALS: NCCP Individual}

**10:00 AM – 10:30 AM: Break**



**10:30 AM – 12:00 PM: General Session****Medical Challenges in Chemical Incidents**

**Mark Kirk, MD, Director of Chemical Defense, Countering Weapons of Mass Destruction Program, Department of Homeland Security**

Course Description: Chemical incidents present unique challenges to EMS clinicians, from decontamination, to treatment modalities. Join Dr. Mark Kirk, Emergency Physician, Medical Toxicologist, and leading expert on chemical defense, as he walks us through current threats, how to recognize them, and what to do once you've assessed the patient.

{1.5 Hrs, BLS: Medical/ALS: NCCP Individual}

**12:00 PM – 1:00 PM: Lunch****1:00 PM – 2:00 PM: Breakout #1****(1A) GCS < 8 = Intubate? A New Approach to Airway Management Decision Making**

**Cody Winniford, BA, NRP, CCP-C, FP-C, Air Medical Base Supervisor, PHI Air Medical**

"GCS is less than 8 means you intubate" - a gross oversimplification of perhaps the most difficult aspect of airway management, that being the decision to take over and manage a patient's airway. Not to mention, it incorrectly orients clinicians only to consider airway management in those that meet that GCS threshold, despite it being well-established that there are patients who present with a GCS greater than 8 that often do require airway management. To the novice airway practitioner, this "GCS rule" may seem to be a great mental shortcut to avoid all of the agonizing over whether or not to intubate a patient. This presentation will offer attendees a new mental model to use to approach the decision to intubate/manage an airway.

{1 Hr, BLS: Medical/ALS: NCCP Individual}

**(1B) Where's the "First Knuckle"? Hand Trauma from the Field**

**Kathryn Burroughs, MS, PA-C, Physician Assistant , MedStar Union Memorial Hospital**

Join Kathryn Burroughs, from Maryland's upper extremity receiving center, for this case-based discussion of hand trauma. Ms. Burroughs will discuss hand anatomy, EMS protocols for upper extremity trauma, and how to best transport the patient and "package" the parts.

{1 Hr, BLS: Trauma/ALS: NCCP Individual}

**(1C) Newly Born Infants: Assessment of Age, Establishment of Breathing, Circulation and Warmth, and Safe Transport**

**Jenny Guyther, MD, UMMS Emergency Medicine and Pediatric Residency Coordinator, Attending Physician; Deputy Medical Director Baltimore City FD; Associate Region III Medical Director, MIEMSS**

**Nikki Brandon, MS, NNP-BC, UMMS Maryland Regional Neonatal Transport Team Program Coordinator**

**Jo Ann Bernard ,BSN, MS, NNP, JHCC Maryland Regional Neonatal Transport Team Program Coordinator**

When EMS is called to assist with the delivery of a new infant, Mother Nature takes the steps into her own hands ... most of the time. Dry, warm, position, stimulate, and safe transport are needed. However, other times it is essential to understand the transition from intrauterine to extrauterine life and know the key steps to take – in the correct order. This team of experts will emphasize the principles of neonatal resuscitation and stabilization as they apply in the out-of-hospital or within interfacility environments. The team will review how to estimate gestational age, and introduce the participants to MR. SOPA, and the actions needed to keep the newly born infant STABLE.

{1 Hr, BLS: Medical/ALS: NCCP Individual}

**(1D) Medevac Utilization and IFR****Nathan Wheelock, MS, FP-C, NRP, Lieutenant, Maryland State Police - Aviation Command**

Join Lt. Nathan Wheelock from the Maryland State Police - Aviation Command for a comprehensive review of medevac utilization in Maryland, and what instrument flight rules (IFR) means for EMS clinicians requesting medevacs. Lt. Wheelock will cover aircraft and crew capabilities, weather considerations, options and limitations, scene communications, and landing zone considerations.

{1 Hr, BLS: Local/ALS: NCCP Individual}

**(1E) Ethical and Legal Issues in EMS****Adam Malizio, Assistant Attorney General, MIEMSS**

Join Adam Malizio, Assistant Attorney General for MIEMSS and former CRT-I, as he walks through common ethical and legal dilemmas that EMS clinicians encounter. Mr. Malizio will help demystify some of the common questions that arise from EMS clinicians, and share general insights on avoiding common legal pitfalls facing EMS clinicians.

{1 Hr, BLS: Local/ALS: NCCP Individual}

**2:00 PM – 2:15 PM: Break**

**2:15 PM – 3:15 PM: Breakout #2**

**(2A) Ventricular Assist Devices: Pearls for the Prehospital Clinician****Kim Boswell, MD, Critical Care Physician, University of Maryland Medical Center**

What's a ventricular assist device (VAD)? This breakout will discuss what VADs are, how patients with VADs typically present, and some of the common malfunctions EMS clinicians might encounter. Dr. Boswell will discuss various assessment and treatment options to use with patients who have a VAD.

{1 Hr, BLS: Medical/ALS: NCCP Individual}

**(2B) CAVE to Pressure: A Checklist for Prehospital Management of Traumatic Cardiac Arrest****Cody Winniford, BA, NRP, CCP-C, FP-C, Air Medical Base Supervisor, PHI Air Medical**

Of all the death and disability that falls under the umbrella of "trauma", traumatic cardiac arrest (TCA) remains an area in which prehospital systems have made only modest and/or marginal gains in improving survival. While some camps advocate for a "do not attempt resuscitation" approach, others tout a "diesel infusion" scoop and run approach. Neither of these is of much benefit to a patient. If the chances of death are consistently greater than 95% in TCA, then we can surmise that any attempt to resuscitate these patients would prove to be futile. But what about the 6% that have a chance of survival? What is different in that patient population, and what can prehospital clinicians do differently or better to ensure that patient's 6% chance of survival? This presentation will serve to provide a checklist and a mental model for the management of traumatic cardiac arrest in the prehospital environment.

{1 Hr, BLS: Trauma/ALS: NCCP Individual}

**(2C) Tricky Trauma Assessment in Kids: Tots to Teens & In Between**

**Jennifer Anders, MD, FAAP, Associate State EMS Medical Director for Pediatrics, MIEMSS**  
**Nicholas Wyhs, NRP, PhD, FP-C, Johns Hopkins School of Medicine**

This case-based discussion session will explore pediatric trauma mechanisms and EMS clinician assessment priorities. Participants will learn tips for performing a thorough and child-friendly trauma assessment and understanding specific types of injury and the possible diagnoses that result. Both BLS and ALS clinicians will leave with an expanded skill set and increased confidence for your next pediatric trauma call.

{1 Hr, BLS: Trauma/ALS: NCCP Individual}

**(2D) Mental Health: Where Are We Now?**

**Eric Olson, FF/NRP, Peer Support Team Coordinator, Ocean City Fire Department**

Mental health carries a stigma that we are finally starting to break-down in public safety. Join Eric Olson for a discussion on the components of health and wellness that affect those of us in public safety. Mr. Olson will share strategies for improving your mental and physical health, as well as discuss some of the programs and resources being used locally.

{1 Hr, BLS: Local/ALS: NCCP Individual}

**(2E) Leadership in EMS**

**James Matz, NRP, Deputy Chief of EMS, Baltimore City Fire Department**

Leadership is defined as "the action of leading a group of people or an organization," but what does it really mean? Far beyond check-box classes and given rank, true leadership begins. Join Chief James Matz as he looks back on his decades of EMS service and shares his tips and tricks for success, as well as some common pitfalls for up-and-coming leaders.

{1 Hr, BLS: Local/ALS: NCCP Individual}

**3:15 PM – 3:30 PM: Break**

**3:30 PM – 4:30 PM: General Session**

**Growing a Better Trauma Decision Tree - What You Need to Know in 2023**

**Timothy Chizmar, MD, FACEP, FAEMS, State EMS Medical Director, MIEMSS**

**Jennifer Anders, MD, FAAP, Associate State EMS Medical Director for Pediatrics, MIEMSS**

The Trauma Decision Tree is both protocol and a practical quick reference for EMS clinicians making destination decisions for injured patients. Originally published in 1976 and revised every 10 years, the 2021 "National Guidelines for the Field Triage of Injured Patients" proposed changes in specific criteria based on input from 4,000 EMS, ED, and Trauma professionals. This presentation will highlight the updates incorporated into the Maryland "Trauma Tree" and discuss the evidence and expertise that led to these changes.

{1 Hr, BLS: Trauma/ALS: NCCP Individual}



**Sunday, April 30, 2023****7:00 AM – 8:00 AM: Conference Registration and Continental Breakfast****8:00 AM – 9:30 AM: General Session****Stroke Pearls for the Prehospital Clinician****Kenny Barajas, DNP, CEN, Chief, Office of Care Integration, MIEMSS**

Time is Brain! When someone is having a stroke, EMS is in the middle link in the stroke chain of survival. Delivery of the patient to the hospital while providing prehospital assessment, care and prior notification is critical. EMS clinicians will learn beyond the basics in stroke assessment, care and treatment both on the road and in the hospital.

{1.5 Hrs., BLS: Medical/ALS: NCCP Individual}

**9:30 AM – 9:45 AM: Break****9:45 AM – 10:45 AM: General Session****Diamonds: Not a Trauma Patient's Best Friend****Heidi Halterman, MSN, RN, CEN, TCRN, NRP, Senior Clinical Nurse II, R Adams Cowley****Shock Trauma Center; Asst. Chief of EMS, Mount Airy Vol. Fire Co., Inc.**

Join Heidi Halterman, Assistant EMS Chief of the Mount Airy Vol. Fire Co., and Shock Trauma Nurse, as she discusses the transition from the "Trauma Triad of Death" to the "Lethal Diamond" and the effects of blood loss and shock on the trauma patient, as well as how EMS clinicians can intervene to help save trauma victims.

{1 Hr, BLS: Trauma/ALS: NCCP Individual}

**10:45 AM – 11:00 AM: Break****11:00 AM – 12:00 PM: Breakout #3****(3A) OB, Oh My! - Obstetric Complications****Abby Butler, Director, Perinatal and Neonatal Referral Centers, MIEMSS**

In the EMS world, obstetrics is high-risk and low-frequency. This makes it difficult for providers to feel comfortable caring for the perinatal population. "OB, Oh My!" will cover the basics as well as some complications you may see in the field, with the goal of easing some of the "oh my" you may feel when coming across an OB patient.

{1 Hr, BLS: Medical/ALS: NCCP Individual}

**(3B) The Unique Challenges of Sports Equipment During Patient Care****Edward Strapp, FP-C, TP-C, NRP, ATC, LAT, Trooper/Flight Paramedic, Maryland State Police; Certified Athletic Trainer, Sports Medicine Emergency Management**

Sports equipment provides a unique challenge for EMS clinicians who respond to athletic injuries. Join Edward Strapp as he reviews common sports equipment and best practices for speedy removal while limiting patient movement and discomfort. This breakout will offer EMS clinicians hands-on practice of common sports equipment removal.

{1 Hr, BLS: Trauma/ALS: NCCP Individual}

**(3C) Too Close to the Water's Edge – Pediatric Drowning**

**Bruce Klein, MD, FAAP, Associate Professor, Pediatrics; Director, Transport Services  
Johns Hopkins Children's Center**

The terms "near-drowning" and "secondary drowning" are no longer recognized – any exposure during a water emergency requires swift response and aggressive management, along with rapid transport to definitive care. EMS clinicians will learn the obvious and subtle signs of distress that emerge over the first few minutes, and then hours, following the exposure.

Treatment and transport priorities will be highlighted.

{1 Hr, BLS: Medical/ALS: NCCP Individual}

**(3D) Social Determinants of Health for EMS Clinicians**

**Matthew Burgan, NRP, CP-C, Community Paramedic, Frederick County Fire Rescue**

Social determinants of health (SDOH) have a major impact on people's health, well-being, and quality of life. SDOHs contribute to wide health disparities and inequities. This course will provide an overview of what SDOHs are, and how they impact our patients, and what we can do to better advocate for our patients.

{1 Hr, BLS: Medical/ALS: NCCP Individual}

**(3E) Peer Support Response to LODD's**

**Mike Wells, EMT, Firefighter, Prince George's County Fire/EMS Department**

**Kristy Brinn, NRP, Captain, Baltimore City Fire Department**

Captain Kristy Brinn of the Baltimore City Fire Department and Firefighter Mike Wells of the Prince George's County Fire/EMS Department will discuss the deployment of behavioral health and peer-support resources in the wake of the January 2022 triple line-of-duty deaths (LODD) to the Baltimore City Fire Department.

{1 Hr, BLS: Local/ALS: NCCP Individual}

**12:00 PM – 1:00 PM: Lunch**

**1:00 PM – 2:00 PM: Breakout #4**

**(4A) Prehospital Ultrasound: The "Waves" of the Future**

**Jonathan Wendell, MD, Medical Director, Anne Arundel County Fire Department**

Advances in technology have allowed the implementation of ultrasound programs for prehospital clinicians. This lecture will expand on this emerging technology, and further explore the use of prehospital ultrasound.

{1 Hr, BLS: Medical/ALS: NCCP Individual}

**(4B) Prehospital Use of TXA in Maryland, A Review of Our First Year**

**Matthew Levy, DO, MSc, FAEMS, FACEP, NRP, Chief Medical Officer, Howard County Fire & Rescue; Region III Medical Director, MIEMSS; Associate Professor, Johns Hopkins**

Maryland recently added TXA to its EMS protocols. This breakout will provide an overview of the cases in which TXA was utilized, the clinical circumstances under which it was administered, and discuss overall trends being seen across Maryland.

{1 Hr, BLS: Trauma/ALS: NCCP Individual}

**(4C) The ABCs of Pediatric ECGs for EMS**

**Caleb Ward, MB BChir, MPH, Associate Research Director, Division of Emergency Medicine Children's National Hospital; EMSC-DC Program Director; Assistant Professor of Pediatrics & Emergency Medicine**

Children have unique cardiac anatomy and physiology when compared to adult patients. Obtaining and interpreting a pediatric ECG is an essential part of caring for a child with a cardiac problem. This presentation will review the differences between Adult and Pediatric ECG and provide clinicians with practice cases in order to recognize and manage common ECG patterns for pediatric cardiac emergencies.

{1 Hr, BLS: Medical/ALS: NCCP Individual}

**(4D) "Don't Crash Our Party": EMS, Creating a Culture of Safety**

**Ethan Freyman, JD, NRP, CCEMT-P, Acting EMS Captain, BWI Fire and Rescue Department**

How do we achieve a culture of safety? ACpt. Freyman will discuss how EMS clinicians can assist in facilitating the creation of a safe work environment through the utilization of the 6 core elements created by NHTSA as part of its "Strategy for a National EMS Culture of Safety".

{1 Hr, BLS: Local/ALS: NCCP Individual}

**(4E) QA/QI From The Bottom of The Food Chain ... Company Level Quality Assurance**

**Jason Gullion, NRP, Lieutenant, Baltimore City Fire Department**

In quality assurance/improvement, there is no single correct answer. We will briefly review why we do QA/QI, review QA/QI resources, and discuss why QA/QI initiatives are important at the lowest level of the EMSOP (the company level). We will also review actual incidents and discuss how they can be handled at the company level. Finally, we will wrap up with an opportunity for discussion from attendees and allow an opportunity to learn from each other's QA experiences. This discussion will provide resources and perspective to implement or revive company level QA initiatives.

{1 Hr, BLS: Local/ALS: NCCP Individual}

**2:00 PM – 2:15 PM: Break**

**2:15 PM – 3:15 PM: Closing Keynote Address**

**TECC & Rescue Task Force Updates, Myths & Misconceptions**

**Geoffrey Shapiro, NRP, Director, EMS & Operational Medicine Training, The George Washington University School of Medicine and Health Sciences;**

**Co-Chair, The Committee for Tactical Emergency Casualty Care**

Join Geoffrey Shapiro, Co-Chair of the Committee for Tactical Emergency Casualty Care, as he demystifies Tactical Emergency Casualty Care (TECC) and Rescue Task Forces (RTF). Mr. Shapiro will share the current guidance and dispel common myths and misconceptions surrounding tactical care.

{1 Hr, BLS: Trauma/ALS: NCCP Individual}

**3:15 PM – 3:20 PM: Closing Ceremonies**

**Jeffrey Sexton, NRP, President, Emergency Education Council of Region III**



Saturday, April 29, 2023					
Track	Medical	Trauma	Pediatrics	Operations	Mgmt./Leadership
0700 - 0800					
0800 - 0815	Opening Ceremonies, Mr. Jeff Sexton, NRP - President, Emergency Education Council of Region III (Crystal Ballroom)				
0815 - 0900	MIEMSS State of the State - Dr. Theodore Delbridge, Executive Director, MIEMSS (Crystal Ballroom)				
0900 - 1000	Science Behind the Protocols - Dr. Timothy Chizmar, State EMS Medical Director, MIEMSS (Crystal Ballroom)				
1000 - 1030					
1030 - 1200	Dr. Kirk - Healthcare Challenges in Chemical Incidents (Crystal Ballroom)				
1200 - 1300					
1300 - 1400	Winniford - GCS < 8 = Intubate? A New Approach to Airway Management Decision Making	Burroughs - Where's the "1st Knuckle"? Hand Trauma from the Field	Dr. Guyther/ Brandon/ Bernard - Newly Born Infants	Wheellock - Medevac Utilization and IFR	Malizio - Legal Issues in EMS
1400 - 1415					
1415 - 1515	Dr. Boswell - Ventricular Assist Devices: Pearls for the Prehospital Clinician	Winniford - CAVE to Pressure: A Checklist for Prehospital Management of Traumatic Cardiac Arrest	Dr. Anders/ Dr. Whys - Sticky Trauma Assesment in Kids	Olson - Mental Health: Where are we now?	Matz - Leadership in EMS
1515 - 1530					
1530 - 1630	Dr. Anders/ Dr. Chizmar - Growing a Better Trauma Decision Tree - What You Need to Know in 2023 (Crystal Ballroom)				

<b>Sunday, April 30, 2023</b>					
Track	Medical	Trauma	Pediatrics	Operations	Mgmt./Leadership
0700 - 0800					
0800 - 0930	Dr. Barajas - Stroke Pearls for the Prehospital Clinician (Crystal Ballroom)				
0930 - 0945	<i>Break</i>				
0945 - 1045	Heidi Halterman - Diamonds: Not a Trauma Patient's Best Friend (Crystal Ballroom)				
1045 - 1100	<i>Break</i>				
1100 - 1200	Butler - OB, Oh My! Obstetric Complications	Strapp - The Unique Challenges of Sports Equipment During Patient Care	Dr. Klein - Too Close to the Water's Edge	Burgan - Social Determinants of Health for EMS Clinicians	Wells/ Brinn - Peer Support Response to LODD's
1200 - 1300	<i>Lunch</i>				
1300 - 1400	Dr. Wendell - Fundamentals of Prehospital Ultrasound	Dr. Levy - Prehospital Use of TXA in Maryland. A Review of Our First Year	Dr. Ward - The ABCs of Pediatric ECGs	Freyman - "Don't Crash Our Party:" EMS, Creating a Culture of Safety	Gullion - QA/QI From The Bottom of The Food Chain
1400 - 1415	<i>Break</i>				
1415 - 1515	Mr. Shapiro - TECC & Rescue Task Force Updates, Myths & Misconceptions (Crystal Ballroom)				
1515 - 1530	Closing, Mr. Jeff Sexton, NRP - President, Emergency Education Council of Region III (Crystal Ballroom)				



**BROCHURE**



**CONFERENCE  
WEBSITE**

**April 27-30, 2023  
Ocean City, MD**

Presented By:

Maryland's Regional EMS Advisory Councils  
The Maryland Institute for Emergency Medical Services Systems



## Critical Care Coordination Center (C4) Staff Honored at Miltenberger Emergency Services Seminar



*Critical Care Coordination Center (C4) staff, clockwise from top left: Dr. Tara Roque, Associate C4 Medical Director; Billy Woods; Jason Wolf; Alexander Kelly, MIEMSS Region I/II Associate Coordinator; Cherish Harding; Kevin Wells; Phil Rook; Kristin Zambrano; Todd Bowman; Dr. Jennifer Anders, C4 Pediatric Medical Director, Associate State EMS Medical Director for Pediatrics; Mustafa Sidik, MIEMSS Region III Associate Coordinator; Steven Corioni; Dwayne Kitis, C4 Manager, MIEMSS Region I/II Coordinator; Cheryl Hinebaugh; Tess Meyer; Abigail Kelley; Vittoria Denhard. Not pictured: Dr. Samuel Galvagno, C4 Medical Director; Melissa Kelly, C4 Administrator; Chris Shue; Jeffrey Huggins, MIEMSS Director of Field Operations; Michael Cooney, MIEMSS Region V Associate Coordinator; Amanda Henderson; Brayden Pennington; Courtney Morean; Darbi Catlin; Donna Geisel; Elijah Crowe; Gina Netreba; Isaac Cessna; Jeffrey Sexton; Jessica Canon; Josh Hook; Kathy Bever; Krissy Dowden; Lorenzo Cropper; Mariah Dent; Mike Slaubaugh; Phil Rumer; Ryan King; Ryan Lesko; Sara Gismondi.*

**A SPECIAL DINNER** honoring the staff of the Critical Care Coordination Center (C4), which helps physicians identify available hospital critical care resources when patient transfers are necessary, was held on March 10, 2023, at the Rocky Gap Casino Resort in Flintstone, Maryland, during the 18<sup>th</sup> Miltenberger

Emergency Services Seminar.

MIEMSS Executive Director Dr. Ted Delbridge personally thanked the C4 staff, noting that C4 has received referrals from more than 80 different hospitals and emergency departments across Maryland and the surrounding region. "People talk to you because they know that you'll

help them," he said.

MIEMSS developed the Critical Care Coordination Center (C4) as a means to help physicians identify available hospital critical care resources when patient transfers are necessary. Since then, over 5,300

*See C4 page 36*

# MID ATLANTIC LIFE SAFETY

64th Annual

CONFERENCE 2023

## CALL FOR PRESENTATIONS NOW OPEN!

Submission Deadline: May 1, 2023

TAKE YOUR  
EDUCATION TO THE  
NEXT LEVEL

**Johns Hopkins**

APPLIED PHYSICS LAB  
KOSSIAKOFF CENTER  
LAUREL, MARYLAND

8:00 am to 4:00 pm

Tuesday, September 19, 2023

FOR MORE INFO  
OR TO SUBMIT A  
PRESENTATION

GO TO:

[midatlanticlifesafetyconference.com](http://midatlanticlifesafetyconference.com)

### Presentation Topics

Code Enforcement, Community Risk Reduction/Fire Prevention/Public Education,  
Emergency Medical Services, Recruitment & Retention, Natural Disaster/Response & Recovery,  
Wildland Urban Interface (WUI), Mental/Behavioral Health & Wellness, Public Information/Risk Mitigation,  
Public Safety Grants (Writing, Availability), Health/Safety/Wellness



✉ [malsc@fabsc.com](mailto:malsc@fabsc.com)



[midatlanticlifesafetyconference.com](http://midatlanticlifesafetyconference.com)





## Meet the Region V Pediatric EMS Champions

**MARYLAND'S EMS SYSTEM** is comprised of 29 EMS operational programs divided into five regions. In this month's article, we continue to highlight some of the members of the Region V Pediatric Team.

### KAREN O'CONNELL, MD, MEd | REGION V PEDIATRIC MEDICAL DIRECTOR

**KAREN O'CONNELL, MD, MEd** is the Region V Pediatric Medical Director. She is also the Director of Patient Safety and Resuscitation in the Emergency Medicine and Trauma Center for Children's National Medical Center. As evidenced by all of her roles, Dr. O'Connell is passionate about family-centered care and resuscitation medicine. It comes as no surprise that some of her favorite things about her career are comforting anxious parents and families as well as connecting with pediatric patients at their level.

When not at work, Dr. O'Connell can be found on her farm, with all its creatures (horses, chickens, cats, and dogs). She loves all equestrian activities as well as gardening, reading, yoga, and swimming. Growing up, her favorite book was Marguerite Henry's *Misty of Chincoteague*, as well as any other horse books.

A fun fact about Dr. O'Connell: she was a member of the 1988 US Olympic team for pentathlon, which is comprised of five disciplines – equestrian stadium jumping, running, swimming, fencing, and shooting.

Dr. O'Connell shares that she was drawn to EMS due to the culture of the first responder community, especially the passion, bravery, courage, and commitment to community that exists within EMS.



### ROSNI STRUDWICK, NRP MONTGOMERY CO. PEDIATRIC EMS CHAMPION

**ROSNI STRUDWICK, NRP** is one of the Pediatric EMS Champions for Montgomery County. Rosni is a Master Firefighter/Paramedic with Montgomery County Fire & Rescue Service. She started out as a lifeguard while in college but found she wanted to help people in a more impactful way. Rosni subsequently joined Kensington Volunteer Fire Department as a volunteer EMT, and within a year was hooked.

Rosni shares that her favorite thing about this career in public service is the ability to help people in

See **STRUDWICK** page 30



### CAITLAND KELSHAW, NRP CHARLES CO. PEDIATRIC EMS CHAMPION

**CAITLAND KELSHAW, NRP** is the Pediatric EMS Champion for Charles County. Caitland is a Paramedic for the Charles County Department of Emergency Services. She shares that growing up she always wanted to be a Paramedic. On the road to accomplishing that dream, Caitland became heavily involved in aquatics and teaching swim lessons, which grew into her teaching preschool for about five years. She strongly feels this opportunity to be part of EMSC is the perfect combination of her experiences and pas-

See **KELSHAW** page 30



**HEATHER HOWES, NRP**  
CALVERT CO. PEDIATRIC EMS CHAMPION

**HEATHER HOWES, NRP** is one of the Pediatric EMS Champions for Calvert County. Heather is the EMS Coordinator for Calvert County Fire, Rescue and EMS. She has a special interest in pediatric care as well as CISM/Peer Support. She was drawn to EMS and working with Maryland EMSC due to her passion for helping people and caring for them in times of need. Heather notes that, generally speaking, EMS clinicians are uncomfortable caring for kids, and she wanted to help change that in her community. When



See **HOWES** page 30

**NICOLE DUPPINS, NRP**  
PRINCE GEORGE'S CO. PEDIATRIC EMS CHAMPION

**NICOLE DUPPINS, NRP** is a Pediatric EMS Champion for Prince George's County. She is also the Quality Improvement Lieutenant for Prince George's County Fire/EMS. Lieutenant Duppins shares that she initially wanted to be a doctor, however, time and money did not allow for it. As such, she joined the fire department and went immediately into the paramedic class. She quickly learned that she could do a lot for a person in the prehospital setting and make the same impacts she wanted to as a doctor. She be-



See **DUPPINS** page 30

Don't miss...



April 26-30, 2023

Ocean City Fontainebleau Resort

Ocean City, Maryland

See full program beginning on page 7 of this issue of *Maryland EMS News*!

**EMS NEWS DIGEST...**

(Continued from page 2)

than gasoline or diesel may not react to heat, flames or water suppression efforts in the same way as traditional vehicles. This is a potential threat to the safety of firefighters and other emergency personnel. Read more: <https://www.usfa.fema.gov/blog/ci-030123.html>

■ **Lori Cherry named Chief of Charles Co. EMS and Special Operations Division** (*The Southern Maryland Chronicle*). The Charles County Department of Emergency Services has announced the appoint-

ment of Lori Cherry as the chief of its Emergency Medical Services and Special Operations Division. Cherry has been employed with Charles County Government since 2005, where she began as a paramedic and has progressively been promoted through each rank to be named chief. She is the first female chief in Charles County's Emergency Medical Services' 22-year history. Read more: <https://southernmarylandchronicle.com/2023/02/13/lori-cherry-named-chief-of-charles-co-emergency-medical-services-and-special-operations-division/>. ■



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Facebook and Twitter: @MarylandEMS ■ Instagram: @maryland\_ems





# Progress of the Public Access Trauma Care Program

**THE PUBLIC ACCESS TRAUMA CARE (PATC)** program has expanded equipment distribution and training opportunities in Montgomery and Prince George's Counties. These initiatives will increase the accessibility of medical equipment to allow individuals to render life-saving medical aid to injured patients.

Injuries that result in traumatic bleeding events can occur in various settings throughout communities. Automobile collisions, workplace accidents, construction mishaps, sports injuries, penetrating trauma, and other medical events can all lead to significant blood loss. A victim suffering from a major bleeding incident may potentially bleed out before the arrival of medical professionals. The Maryland-National Capital Region Emergency Response System (MDERS) developed the PATC program to provide civilians with the requisite knowledge, skills, abilities, and equipment to treat life-threatening injuries.

A PATC individual kit contains the medical supplies to treat major bleeding injuries, pneumothorax, and hypothermia. The kit contains a Combat-Application-Tourniquet (C-A-T), emergency trauma dressing, compressed gauze, medical gloves, trauma shears, chest seals, a Mylar® blanket, a permanent marker, a mini duct tape roll, and an instruction card. Five kits and a patient movement device are placed in a durable bag located in an accessible cabinet.

MDERS has coordinated with regional partners on the installation and placement of these medical supplies throughout the Maryland-National Capital Region (MD-NCR). In the last year, PATC 5-pack kits have



been placed in Montgomery College, Prince George's County Public high schools, Prince George's County government buildings, and University of Maryland Global Campus facilities. Planned installations will occur later this year in Montgomery County government buildings and at the Universities at Shady Grove. The totality of these distributions exceeds 1,000 PATC 5-pack kits provided to our regional partners to create an immediate medical response capability to treat time-sensitive injuries.

In conjunction with the allocation of PATC 5-pack kits, MDERS has developed and procured training materials to educate the public to identify and treat medical emergen-

cies. Five training videos were created to show viewers how to apply a chest seal, apply direct pressure, apply a tourniquet, maneuver a victim into the recover position, and pack a wound. A training presentation was created and provided to regional partners to allow for instruction on the basic medical steps needed to render proper aid to injured individuals. To support these trainings and promote hands-on practice with the PATC medical supplies, MDERS has established a training cache that can be utilized by our partners. MDERS has also acquired a training cache for Montgomery County Public Schools and will soon supply a training cache Prince George's County Public Schools to teach students about the basic medical skills associated with the PATC program.

MDERS will continue investments in equipment and training for the PATC program will help promote prompt medical intervention by civilians to render life-saving medical aid. If you have any questions about the PATC program, please reach out via email to [mders.org@maryland.gov](mailto:mders.org@maryland.gov). ■





Maryland Fire-Rescue  
Services Memorial

**2023 Annual**

*Gala*

Please join us at the  
**Double Tree in Annapolis on  
September 23, 2023.**

Doors open at 6:00 Dinner at 7:00  
Tickets are \$60 each or \$600 for a table

For tickets, sponsorships, or questions  
email us at

[mdmemorialgala@gmail.com](mailto:mdmemorialgala@gmail.com)

**Raffles • Door Prizes • Silent Auction • Music • Fun**



## MARYLAND STARS OF LIFE AWARDS

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Each year, the Maryland Institute for Emergency Medical Services Systems (MIEMSS) celebrates EMS Week by honoring men and women across Maryland who have contributed to the EMS system. The eight categories for awards relate to specific incidents occurring from January 1, 2022, through December 31, 2022. For further information, call 410-706-3994, or email [awards@miemss.org](mailto:awards@miemss.org).

### MARYLAND STAR OF LIFE AWARD

This award may be given to an individual, multiple individuals, or teams on the same incident for an outstanding rescue under extreme circumstances by EMS personnel.

### MARYLAND EMS CITIZEN AWARD

This award is intended for citizen rescuers who have demonstrated quick thinking, fast action, and heroism.

### EMS CLINICIAN OF THE YEAR

This award recognizes a clinician who has made outstanding contributions in the past year to the continuous improvement of emergency medical services in Maryland (for example, in the areas of quality assurance, public or EMS education, prevention, delivery of EMS services, and new technology).

### EMD CLINICIAN OF THE YEAR

This award is given for extraordinary efforts in assisting the public through dispatch in this vital portion of the Chain of Survival.

### OUTSTANDING EMS PROGRAM

This award recognizes a program that offers an innovative approach to reducing death and disability. The program must be affiliated with an EMS system component, such as a hospital, educational facility, rescue squad, or EMS organization.

### LEON W. HAYES AWARD FOR LIFETIME EXCELLENCE IN EMS

This award is given to an individual who has devoted a lifetime of dedication to excellence in patient care, compassion and respect for each patient, and commitment to continuous improvement of the Maryland EMS system through his/her professional and personal life.

### MARYLAND EMS-CHILDREN (EMS-C) AWARD

This award is given to an adult or program that has demonstrated ongoing dedication and commitment to improving the care for children and for promoting Family Centered Care in a Maryland EMS program or hospital.

### MARYLAND EMS-GERIATRIC (EMS-G) AWARD

This award is given to an individual or program that has demonstrated ongoing dedication and commitment to improving the EMS care of the elderly in Maryland.

**NOMINATIONS FOR 2023 are DUE by FRIDAY, MARCH 31, 2023.**

**SUBMIT THROUGH THE ONLINE LINK: <http://www.miemss.org/home/documents>**

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# The Right Care When It Counts

## Maryland EMSC 2023 Program



The Maryland EMS for Children program is in search of children and youth in Maryland who have demonstrated steps to take in an emergency or ways to be better prepared for an emergency. Actions taking place January 1, 2022, through December 31, 2022, are eligible for nomination. We will be recognizing children and youth who acted so that others would receive “The Right Care When It Counts.” Each nominee will receive a patch and certificate and be eligible for a state award at a ceremony during EMS Week 2023.

**Questions? Email [awards@miemss.org](mailto:awards@miemss.org)**

**Children and youth who have met one or more of the following criteria are eligible for Right Care Awards:**

1. Activates the Emergency Response System by calling 9-1-1 in an emergency
2. Calls the Poison Control Center in an emergency (1-800-222-1222)
3. Provides family emergency phone numbers, address, and contacts to emergency responders
4. Knows and practices an emergency plan at home
5. Applies knowledge learned in a first aid class
6. Performs CPR and/or uses an AED effectively
7. Knows his or her medical history (allergies, medications, special needs, etc.) and shares this information with emergency care providers
8. Participates in fire and injury prevention education in the community
9. Prepares, with his or her family, to respond to a disaster
10. Provides emergency assistance in the community

**Nominations for 2023 are DUE by March 31, 2023 (Friday)**  
Submit through the online link: <http://www.miemss.org/home/documents>





American College of Surgeons

# Point Counterpoint Conference



*In Person!*



May 4th and 5th  
Baltimore Marriott,  
Inner Harbor at Camden Yards

**Register at  
MDCOT.com**



**CONTINUING MEDICAL EDUCATION CREDIT INFORMATION**

**Accreditation:**  
The American College of Surgeons is accredited by the Accreditation Council on Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

**How Many Credits Will I Earn?**  
The American College of Surgeons designates this activity for a maximum of 16.75 CME credits for physicians. The American College of Surgeons designates this activity for a maximum of 16.75 CME credits for nurses.

**ACS** **AMERICAN COLLEGE OF SURGEONS**  
Point-Counterpoint Conference



**DUPPINS...**

*(Continued from page 24)*

came involved with EMSC after taking the QA Officer position.

Additionally, Lieutenant Duppins is the EMS contact for the Pediatric Emergency Care Applied Research Network (PECARN) projects with Children's National Medical Center and the Prince George's County Child Fatality Review Team.

What does she love best about her career? Interacting with the public as well as the relationships and bonds she has made throughout the years. The best piece of advice she ever received, she explains, is that everything happens when it is supposed to happen.

When not at work, Lieutenant Duppins enjoys riding her motorcycles with her girls. ■



Maryland Institute for  
Emergency Medical  
Services Systems

OFFICE OF

## CLINICIAN SERVICES

*The Office of Clinician Services is responsible for providing training and continuing education opportunities to Maryland's volunteer and career emergency health care clinicians, as well as coordinating EMD and ALS grant funding. Scan the QR code to learn more.*

**KELSHAW...**

*(Continued from page 23)*

sions.

As a child, Caitland says she was the weird kid in school who loved math and was a huge band geek. When she wasn't in the band room, she was in the dark room, developing pictures. Nowadays, she loves making macramé, spending time with her best friends, playing Among Us with her sister, or joking with her husband.

If Caitland came with a warning label, it would have to be "CHAOS" – Caitland Has Arrived On Shift! She shares that she is the resident "Dad Joke" Queen. Any station where she works, she hides a dad joke. Caitland also brings a dry-erase marker with her and leaves jokes for the nurses or patients at hospitals or for her colleagues at other stations when she can. She offers an example of one her jokes: "What do you call a fake noodle? An im-pasta!" ■

**HOWES...**

*(Continued from page 24)*

asked what she loves most about her career, she answered simply, "All of it."

Growing up, Heather loved playing Candy Land and Sorry. Her first

job was as a shampoo girl. Science was her favorite subject in school.

When not at work, Heather can be found spending time with her family. She shares that she also serves as the Girl Scout Leader for two troops. ■

**STRUDWICK...**

*(Continued from page 23)*

an astounding way. It has given her an appreciation for her community and its people. Recently, Rosni had the privilege of working at McGuire Air Force Base with the Afghan Refugee Mission, as a Rapid Response Paramedic in their Emergency Department, which she describes as an awesome experience.

Growing up, Rosni enjoyed playing outside with friends. This included riding bikes, climbing trees, jumping rope, hide-and-seek, catching insects...the list goes on and on.

The best piece of advice Rosni ever received is to "have a conversation with your patients, and you will always remember to ask the right questions to treat them." If she could have one super power, it would be the power of healing. From a very young age, Rosni wanted to be either a doctor, physical therapist, or a nurse. Growing up in a country where healthcare is mostly available to the middle and upper classes, she notes it was difficult for the poor to receive the right care. The power to heal, she explains, would offer her the ability to help those who need it but cannot afford it. ■

Maryland Department of Transportation Motor Vehicle Administration's (MDOT MVA)

## Maryland Highway Safety Office

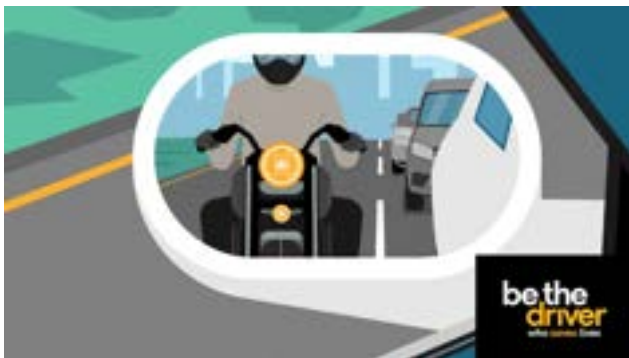
*The MDOT MVA Highway Safety Office (MHSO) is dedicated to saving lives and working with many partners across the State to reduce the number of crashes each year. In addition, the MHSO looks for ways to reduce crash severity and ways to treat crash victims easier and faster.*

***Maryland aims to reduce the number of crashes, and the resulting deaths and injuries, to zero by 2030.***

### Watch for Motorcycles

As warmer weather becomes more frequent, we will see an increase in motorcyclists on our roadways. Many drivers, unaccustomed to seeing them over the winter, may have trouble remembering to look twice before changing lanes.

Ensure that you take the time to look again and pay particular attention to motorcyclists on the road this spring and summer—they can be easy to miss in your blind spot. Be the Driver who Looks Twice for motorcyclists and together we can all get to our destinations safely.



### Emphasis Area Team Meetings

Looking to become more involved in local road safety? MHSO welcomes participation from the EMS community for all emphasis areas. Mark your calendar for the upcoming meetings:

- Impaired Driving:  
April 24, 2023 (10:00 a.m. – Noon)
- Speed & Aggressive Driving:  
May 10, 2023 (10:00 a.m. – Noon)
- Occupant Protection & Distracted Driving:  
May 18, 2023 (10:00 a.m. – Noon)

Register on our website at  
<https://zerodeathsmd.gov/events/>

### Slow Down and Stay Alert in Work Zones

Every day in Maryland there are countless men and women working to improve the safety and functionality of our roads. The roads are their offices, and they rely upon the cooperation of the public to obey traffic laws, slow down and stay alert while traveling through work zones to keep them safe.

As we enter April and approach National Work Zone Awareness Week April 17-21, we urge you to join us in sharing the message to SLOW DOWN and STAY ALERT in and around work zones.

We will be sharing work zone awareness messaging on our ZeroDeathsMD social media pages throughout April as well as highlighting Go Orange Day on April 19. Show your support by wearing orange and posting on social media with the hashtags #NWZAW and #Orange4Safety.

Thank you for helping us keep everyone safe on our roads.







## **American Trauma Society (ATS) - Maryland Division APPLICATION FOR “Stop the Bleed” Program GRANT FUNDS**

The National American Trauma Society (ATS) has joined the White House and other trauma and emergency care partners in the “Stop the Bleed” campaign. This important initiative provides bystanders at emergency situations with the tools and knowledge to stop life threatening bleeding. No matter how rapid the arrival of emergency medical services (EMS), bystanders will always be first on the scene. A person who is bleeding can die from blood loss within five minutes, therefore it is important to quickly stop the blood loss. "Stop the Bleed" is a nationwide campaign to empower individuals to act quickly and save lives. Working with the private sector and nonprofit organizations, this campaign directs knowledge gained by first responders and our military, into the hands of the public to help save lives. The ATS, Maryland Division is looking to help build both national and statewide awareness of the campaign and the important role bystanders can play in saving lives.

In order to assist in the implementation of this critically important program, the ATS, Maryland Division will be providing three grants in the amount of \$2,500 to EMS personnel at the jurisdictional level or individual EMS companies in Maryland. These funds may be used to promote the training of Marylanders in the Stop the Bleed program. By providing these funds to Maryland’s EMS personnel, the ATS is working to increase the training across the state. The ATS feels that the EMS community plays an important role in this important educational effort. These funds may be used in a variety of ways to either start or enhance programs. Training materials, promotional materials, and actual bleeding control kits are all ways that the funds may be spent. All Maryland EMS jurisdictional programs, individual EMS companies, and Fire/EMS departments are eligible to apply. The grant proposals will be judged on their merit by members of the ATS, Maryland Division Board. They will be looking for specific details in the proposals such as number of bleeding control kits purchased, number of community members trained, or number public employees trained. **All grant proposals must be received by April 30, 2023.** Award winners will be notified during the summer of 2023.

The ATS, Maryland Division looks forward to assisting Maryland’s emergency medical services with this critical endeavor as we better prepare our state for these types of emergencies. The American Trauma Society is a voluntary, non-profit organization dedicated to preventing traumatic injuries and reducing their consequences. The main missions of the ATS are to provide injury prevention information through public education and to serve as leaders in the development, advocacy, and maintenance of trauma systems.

**Thanks for all you do for Maryland’s trauma and EMS system!**

For more information on the “Stop the Bleed” campaign, please visit [dhs.gov/stopthebleed](https://dhs.gov/stopthebleed).

For more information on the American Trauma Society, please visit [amtrauma.org](https://amtrauma.org)

**American Trauma Society Maryland Division**

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# American Trauma Society - Maryland Division 2023 APPLICATION for Emergency Services Personnel “Stop the Bleed” Program GRANT FUNDS

**DEADLINE: April 30, 2023**

*Please Print or Type*

**Part I – Requesting Jurisdiction/Company**

Name of EMS Jurisdiction/Company/Department:

\_\_\_\_\_

Complete Mailing Address:

\_\_\_\_\_

City/Town: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

County: \_\_\_\_\_

Federal ID # \_\_\_\_\_

Name of Contact Person: \_\_\_\_\_

Day Phone #: \_\_\_\_\_

Fax #: \_\_\_\_\_

E-mail Address: \_\_\_\_\_

**Part II – Grant Request**

Grant funds will purchase the following: (You may attach a separate sheet)

List Items	Cost per unit	Purpose/Use	Total

You may provide any additional pages with information or documentation that you consider useful or appropriate for the review of this grant application.

**Part III - Authorization**

I, \_\_\_\_\_, represent that the above information is accurate and correct. The grant request has been made for the purchase of items which have been identified, and should the grant be awarded the \_\_\_\_\_ Company will assume ownership of the materials and equipment and will maintain the equipment in accordance to FDA requirements and the Grant agreement under which Grant funds are provided including the requirement that an appropriate official provide the American Trauma Society – Maryland Division a sworn certification as to the expenditure of any grant funds. This will be tracked by invoices and proof of payment. Furthermore, I hereby certify that the Constitution or By-Laws of the requesting Company contains a non-discrimination clause consistent with the Governor’s Code of Fair Practices.

Signature of authorizing official:

\_\_\_\_\_

**For Official Use:**

ATS Board Reviewer \_\_\_\_\_

Date: \_\_\_\_\_

Approval:  Yes  No



**Please email your  
Stop the Bleed Grant Proposals to:**

**[rhartsock@netzero.net](mailto:rhartsock@netzero.net)**

**Deadline: April 30, 2023**

**MILTENBERGER...**

*(Continued from page 1)*

with the most modern, up-to-date education and protocols and patient treatment is by going to conferences like this, because you get the cutting-edge,” says Lehman.

UPMC Western Maryland Director of Emergency Medicine and Allegany County EMS Medical Director Dr. Rameen Shafiei, who presented a session on trauma airway management, concurs. “Keeping your skills honed if you’re not taking care of a trauma or doing an intubation every day” can be challenging for EMS clinicians in such a sparsely populated region, explains Shafiei. Moreover, taking part in a program on the scale of Miltenberger also “makes you feel like you belong, like you’re really part of the family of the Maryland EMS system.”

Staci Moser, MSN, RN, NPD-BC, CEN, who serves as clinical

*“The Miltenberger Emergency Services Seminar is a great opportunity to interact with other disciplines from throughout the state. We can bounce ideas off one another [and] it’s good to put a face to a name.”*

**LISA OPEL, RN**

*ED Clinical Coordinator,  
UPMC Western Maryland*



educator in the emergency department at Meritus Medical Center in Hagerstown, Maryland, takes advantage of the continuing education opportunities that Miltenberger affords her team. “Even being an old nurse, I learned a couple new things,” quipped Moser, who sent nearly 10 members of her team to this year’s conference.

At the end of the day, the Miltenberger Emergency Services Seminar

also offers a chance for partners like Baltimore’s R Adams Cowley Shock Trauma Center (RACSTC) to “close the loop” with local EMS clinicians regarding what ultimately becomes of their patients, according to RACSTC Trauma Program Manager Rebecca Gilmore, MSN, RN, TCRN. “Giving them that information, I think, is useful for both sides,” says Gilmore. “We can’t do what we do without them.” ■

**Maryland EMS News****MIEMSS**

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**Governor Wes Moore**

**Lt. Governor Aruna Miller**

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**C4...**

*(Continued from page 1)*

assists have been generated. C4 is staffed with two (2) critical care coordinators and a Central Intensivist Physician (CIP) 24/7. Any Maryland hospital with a patient needing a critical care transfer or treatment guidance can contact the C4 at 410-706-7797 and select Option #1 to be connected with the Adult ICU coordinator and physician team. The C4 coordinator has a near-real time view of statewide hospital critical care bed capacity. The CIP then works with referring physicians to identify patients’ anticipated critical care needs. The C4 coordinator and CIP, working jointly with the sending and receiving facilities, match the patients with available criti-

cal care resources that can manage the patients’ conditions.

MIEMSS subsequently expanded the C4 to include Pediatrics, accessed by calling 410-706-7797 and selection Option #2, which connects the caller with the Pediatric coordinator and pediatric emergency care and critical care physician team. “C4-Pediatrics” provides an EMS Coordinator and Central Advisor Pediatric Physician available 24/7 by phone. C4-Pediatrics provides consultation and facilitates the transfer of patients requiring a Pediatric Intensive Care Unit or Pediatric Acute Care Unit utilizing the intensive care bed surveillance system at MIEMSS. Efforts are underway for a statewide tour to promote the CH this fall. ■