

Maryland EMS News

For All Emergency Medical Clinicians

Vol. 49 No. 4

April 2023

Celebrating 50 Years of the Maryland EMS System

THE 1960s SAW INCREASING recognition of a need to develop a comprehensive and sophisticated system of pre-hospital emergency medical care in Maryland. Up to that point, prehospital services primarily consisted of nominally equipped vehicles and personnel, which often delivered critically ill or injured patients to facilities which themselves could not provide the proper necessary care.

Care focused on what Dr. R Adams Cowley described as the “golden hour between life and death,” during which irreparable harm or even death might be prevented in critically injured patients, took a tremendous leap forward in 1969 when the Center for the Study of Trauma – later to become the R Adams Cowley Shock Trauma Center – opened its doors in Baltimore. Working closely with the Maryland State Police, the Shock Trauma Center received its first medevac transport the following year.

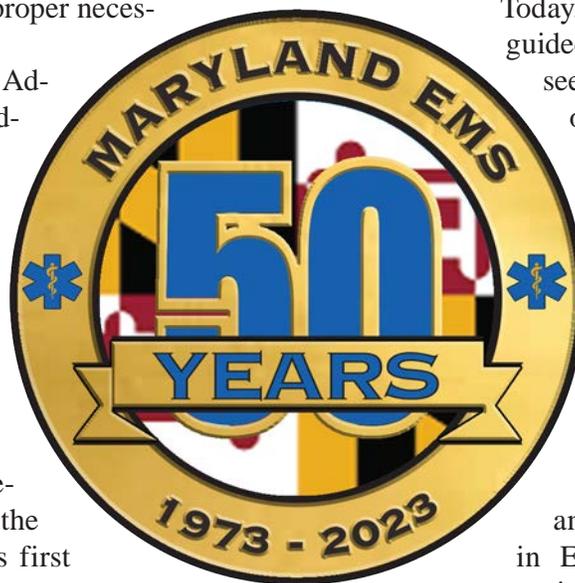
When a close friend was severely injured in an automobile crash, Governor Marvin Mandel took an active interest in Dr. Cowley’s work. In Mandel, Maryland found a champion for the development of a state-of-the-art emergency medical care system that would be able to respond to and treat critically ill or injured patients no matter where they might be in the state. On February 26, 1973, the Governor issued an Executive Order calling for the creation of the nation’s first statewide EMS system. It established the Maryland Institute for Emergency Medicine, under Cowley’s direction, at the Shock Trauma Center, while also creating a division of emergency medical services within the Maryland Department of Health and

Mental Hygiene. As the system subsequently evolved to reflect the times and available technologies, both entities would later be combined to form the Maryland Institute for Emergency Medical Services (MIEMSS), consisting of EMS Field Operations, the R Adams Cowley Shock Trauma Center, and the National Study Center.

Today, consistent with Maryland law and guided by the EMS Plan, MIEMSS oversees and coordinates all components of Maryland’s statewide EMS system, including planning, operations, evaluation, and research. It provides leadership and medical direction, conducts and/or supports a variety of EMS educational programs, operates and maintains a statewide communications system, designates trauma and specialty centers, licenses and regulates commercial ambulance services, and participates in EMS-related public education and prevention programs.

For 50 years, the Maryland EMS system has served as a model for similar systems across the country and around the world. This year, MIEMSS will lead a yearlong celebration of this golden anniversary, beginning with the creation of special logo commemorating the systems five decades of service to the citizens of and visitors to the State of Maryland. Work is also currently underway to develop an interactive virtual timeline of the EMS system’s evolution.

Learn more about MIEMSS at our website, www.miemss.org. Check back for more information on this



See *EMS@50* page 34

EMS News Digest

■ **Carroll County Hires 16 Lieutenants for Its New Fire and EMS Department** (*EMSI*). Sixteen lieutenants started working in Carroll County's new Department of Fire and Emergency Medical Services, effective March 2, following an extensive hiring process that involved combing through 92 applicants. The department has hired four shift commander lieutenants and 12 station lieutenants, all men, and eight of them from Carroll County, which intends to hire up to 134 more personnel from an applicant pool of more than 300. Read more: <https://www.ems1.com/ems-management/articles/md-county-hires-16-lieutenants-for-its-new-fire-and-ems-department-fvabNFk4GMkbbNsc/>

■ **Baltimore County Fire Department Creates New Position to Reduce Hospital Wait Times** (*WMAR*). As concerns over Baltimore-area hospital wait times grew

in the wake of COVID, local leaders have struggled to address the challenges. The Baltimore County Fire Department just announced that it will launch a Medical Duty Officer position at the 9-1-1 dispatch center on April 2. The hope is that the officer will help move EMS units more efficiently and help reduce hospital wait times. Read more: <https://www.wmar2news.com/local/baltimore-county-fire-department-creates-new-position-to-reduce-hospital-wait-times>

■ **Worcester County Addressing EMS Workers Crossing State and County Lines** (*WBOC*). There are concerns from some Worcester County officials about EMS crews crossing state and county lines. EMS crews are called into Accomack, Somerset and Sussex County when needed. Worcester County Commissioner Joe Mitrecic said the county continues to increase fund-

ing for EMS and fire, and would like compensation when they are sent into neighboring communities outside the county. Read more: https://www.wboc.com/worcester-county-addressing-ems-workers-crossing-state-and-county-lines/article_4fec9982-ca98-11ed-ae7-9f245ea8c352.html

■ **As Opioids Overdose Deaths Keep Rising, Report Urges Lawmakers to Develop New Approaches** (*Maryland Matters*). Lawmakers should view America's staggering opioid crisis, including the rise of illicit fentanyl, through an "ecosystems" approach, according to a recent report published by the California-based RAND Corporation, a nonprofit organization that focuses on several areas, including the US military, education, national security, and health care. Read more:

See EMS NEWS DIGEST page 34

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FROM THE OFFICE OF THE STATE EMS MEDICAL DIRECTOR

Xylazine in Overdose Patient Encounters

A VERY POTENT SEDATIVE medication called Xylazine has been detected in the illicit drug supply in Maryland. Xylazine, also known as “tranq,” is a veterinary tranquilizer that produces serious and life-threatening effects in humans. Although it is not an opioid, xylazine is being added to fentanyl or heroin in order to extend the effects of these drugs. The prevalence of xylazine in the illicit drug supply has been increasing sharply over the past three years. It was implicated in 19.3% of overdose deaths in Maryland in 2021, compared with 4.3% of fatal overdoses in 2019. (Friedman, J et al. “Xylazine spreads across the US: A growing component of the increasingly synthetic and polysubstance overdose crisis.” *Drug and Alcohol Dependence* 233

(2022), 1-8. <https://doi.org/10.1016/j.drugalcdep.2022.109380>)

Xylazine can cause respiratory depression, hypotension, bradycardia and miosis. It can render a person unconscious for extended periods of time. Clearly, it can be difficult to distinguish opioid overdoses from xylazine exposure, as their effects are very similar. For xylazine and opioid overdoses, the first priority is to support the patient’s ventilation. Of note, xylazine will not respond to naloxone because it is not an opioid. However, EMS clinicians should continue to administer naloxone for suspected opioid overdose patients, because xylazine is frequently combined with opioids. Currently, there is not a known reversal agent for xylazine that is safe or effective for humans.

Xylazine exposure can also lead to severe, necrotic skin ulcerations, which are difficult to treat. Withdrawal symptoms such as agitation or severe anxiety may occur when the drug is discontinued. Commonly used medications for opioid withdrawal, such as buprenorphine or methadone, are ineffective for xylazine withdrawal. Further information may be found on the following websites:

■ **Maryland Opioid Operational Command Center:** <https://beforeitstoolate.maryland.gov/xylazine/>

■ **U.S. FDA:** <https://www.fda.gov/drugs/drug-safety-and-availability/fda-alerts-health-care-professionals-risks-patients-exposed-xylazine-illicit-drugs>. ■

Update: Masks/Personal Protective Equipment (PPE)

THE COVID-19 COMMUNITY LEVEL, as determined by the CDC, is currently at a “Low” level for most of Maryland. In addition, the number of new COVID-19 cases and hospitalizations continue to decline.

However, EMS clinicians should continue to wear PPE that is appropriate for a patient’s presentation. If a patient has respiratory symptoms (e.g., cough, congestion), or if there is any concern for COVID infection, EMS clinicians should continue to wear a fit-tested N-95 mask, eye protection and

gloves. Patients with these symptoms should also wear a surgical mask. Gowns should be utilized if there is anticipated contact with secretions or body fluids.

For all other patients, mask use is encouraged, but not required, unless the patient’s condition otherwise dictates (e.g., during placement of an airway, risk of exposure to body fluids). When evaluating the need for a mask, EMS clinicians should exercise good judgment based upon their infection prevention training.

Please note that various health care facilities may still require masks upon entry to their buildings. Please respect their requests for masks while in these facilities. Masks may be required in other settings by individual fire and EMS departments; please consult your supervisor or chief for information on local policies.

Please contact the Office of the Medical Director (410-706-0880; tchizmar@miemss.org) if you have any questions regarding this memo. ■

MIEMSS, MHAMD Team Up to Offer FREE Mental Health First Aid Courses to First Responders

THE MARYLAND INSTITUTE FOR EMERGENCY MEDICAL SERVICES SYSTEMS (MIEMSS) has partnered with the Mental Health Association of Maryland (MHAMD) on a multi-year initiative to offer a series of free Mental Health First Aid (MHFA) certification courses to first responders across Maryland. Dozens of MIEMSS Mental Health First Aid instructors will facilitate the 8-hour trainings, which may be delivered in-person, virtually, or through a blend of both. From May 1 – June 30, 2023, the \$150 course will be available to 600 Maryland first responders at no cost thanks to

funding provided by the Maryland Department of Health's Behavioral Health Administration.

Since the outbreak of the COVID-19 pandemic, Marylanders have experienced a greater volume of mental health issues, presenting unique challenges for hundreds of agencies statewide. Through this free MHFA training, participants will learn how to identify the signs and symptoms of common mental illnesses and substance use disorders and develop an effective action plan. The course will enable participants to:

- Increase their mental health lit-

eracy,

- Increase their confidence in providing support to someone in distress,

- Increase their knowledge of professional and self-help resources, and

- Decrease stigma associated with mental health concerns and responses.

Participants will receive a nationally recognized certification from the National Council for Mental Wellbeing (NCMW) upon successful completion of the course. First responders can register for a course individually, or stations and departments can request to have their members/employees trained as a group.

- **Request a training.** MIEMSS affiliates can request a training for their staff or community by filling out this form: <https://bit.ly/41UU4LZ>

- **Register for an open class.** Registration for fully virtual MHFA Trainings is now open. Visit <https://bit.ly/3Lsc9vv> for a list of upcoming classes.

For more information about this MHFA initiative, please visit miemss.org/home/Public/Mental-Health-First-Aid. For questions or concerns regarding registration or group training, please contact MHAMD Program Coordinator Indu Radhakrishnan at iradhakrishnan@mhamd.org. ■



First Responders: Take a FREE Mental Health First Aid Course!

Mental Health First Aid teaches first responders in the Fire/EMS community the skills to respond to an individual experiencing a mental health concern or crisis. Participants will learn how to apply a 5-step action plan in a variety of situations, such as helping someone through a panic attack.

Topics covered include: depression, mood disorders, anxiety disorders, trauma, psychosis, and substance use disorders.

FOR UPCOMING TRAINING DATES, VISIT: [BIT.LY/3GN8G8R](https://bit.ly/3GN8G8R)

*Open to all first responders and community members affiliated with Maryland Institute for Emergency Medical Services Systems (MIEMSS).

Over 80,000 Marylanders are certified in MHFA — register today to join the movement!



— National Public Safety Telecommunicators Week —

NATIONAL PUBLIC SAFETY TELECOMMUNICATORS WEEK (April 9–15, 2023) honors the men and women in Maryland who are the first point of contact for persons seeking help during an emergency. They respond to emergency calls, dispatch emergency professionals and equipment, and render life-saving assistance. MIEMSS salutes these dedicated individuals, and thanks our public safety telecommunicators – especially our EMRC and SYSCOM operators – for the work that they do every day to protect the citizens and visitors of Maryland.

HOLLY TREGO / *EMRC/SYSCOM Operations Chief*



"**TELECOMMUNICATORS WEEK** is a nationally recognized event. Hopefully, every PSAP or Operations Center that has emergency telecommunicators celebrates in some way with their telecommunicators, to recognize the often stressful and tough job that they do providing , whether it's 9-1-1 services, police, fire and ambulance or, as we do here at EMRC/SYSCOM, working with our field clinicians and medevacs with Maryland State Police Aviation in providing quality EMS care to our citizens and visitors."



National Public Safety Telecommunicators Week

HENRY | *EMRC/SYSCOM Operator*



"EMRC/SYSCOM IS PROBABLY the most centrally important part of EMS in the state of Maryland because we handle almost every aspect of transporting the patients to facilities for their care."

DAWN | *EMRC/SYSCOM Operator*



"I WAS LOOKING FOR A CAREER CHANGE where I could help people and be part of the bigger scheme of things than in just your everyday career. It's definitely opened my eyes [...] I never realized there was so much detail in what EMRC/SYSCOM does."

National Public Safety Telecommunicators Week

CAROLINE / EMRC/SYSCOM Operator



"WE ARE BEHIND-THE-SCENES and nobody really sees us or hears us, except for the crews and the hospitals. We help get the patient to exactly where they need to be."

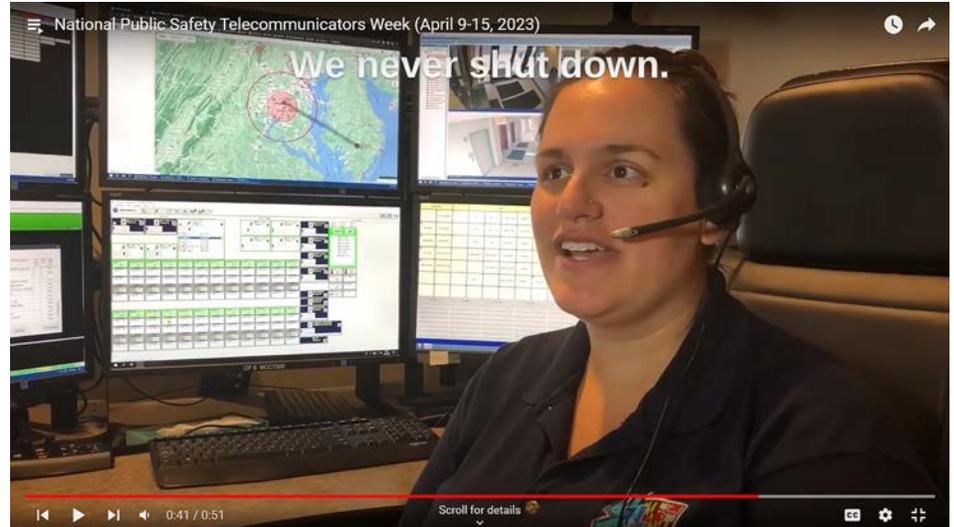
PATTY / EMRC/SYSCOM Operator



"WE ARE THE CONNECTION between the helicopters, the ground units, the hospitals. We're the middle-man, and everything kind of stems off of us."

National Public Safety Telecommunicators Week

ERIN | EMRC/SYSCOM Operator



"WE NEVER SHUT DOWN. We're 24/7. Every day, every hour, every minute – we're here."

Lawner, Lisle Receive MD ACEP Top Honors



THE MARYLAND CHAPTER OF THE AMERICAN COLLEGE OF EMERGENCY PHYSICIANS (MD ACEP) presented its 2023 EMS Physician of the Year Award to Benjamin J. Lawner, DO, FACEP, (left) on March 30, during its annual conference in Baltimore. Dr. Lawner serves as EMS Medical Director for the Baltimore City Fire Department and Maryland ExpressCare.

MD ACEP President Michael A. Silverman, MD, FACEP, also presented this year's ENA Nurse of the Year Award to Lisa M. Lisle, MSN, RN, CEN, (right) who represents the Maryland Emergency Nurses Association on the Statewide EMS Advisory Council. ■





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, 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, or follow the Maryland EMS Care page on Facebook www.facebook.com/mdemscare.

~ Coverage of Maryland EMS Care 2023 coming in the May issue of Maryland EMS News! ~

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

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}

~ Coverage of Maryland EMS Care 2023 coming in the May issue of Maryland EMS News! ~

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

~ Coverage of Maryland EMS Care 2023 coming in the May issue of Maryland EMS News! ~

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}

~ Coverage of Maryland EMS Care 2023 coming in the May issue of Maryland EMS News! ~

(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}

~ Coverage of Maryland EMS Care 2023 coming in the May issue of Maryland EMS News! ~

(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}

~ Coverage of Maryland EMS Care 2023 coming in the May issue of Maryland EMS News! ~

(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

~ Coverage of Maryland EMS Care 2023 coming in the May issue of Maryland EMS News! ~

<u>Saturday, April 29, 2023</u>					
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	Wheelock - 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}				

~ Coverage of Maryland EMS Care 2023 coming in the May issue of Maryland EMS News! ~

Sunday, April 30, 2023					
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}				

~ Coverage of Maryland EMS Care 2023 coming in the May issue of Maryland EMS News! ~



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



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 will highlight some more of the members of the Region V Pediatric Team.

JONATHAN SHAWL, NRP | MONTGOMERY COUNTY PEDIATRIC EMS CHAMPION

JONATHAN SHAWL, NRP, is one of the Pediatric EMS Champions for Montgomery County. Jonathan is a Lieutenant with Montgomery County Fire and Rescue Service and serves as a clinical preceptor, back-up field EMS Duty Officer/Supervisor, and is a lead paramedic instructor for the accredited in-house program at the Public Safety Training Academy. In addition to paramedic education and training, Lt. Shawl has a special interest in swift water/water rescue. He has also spent time working in community paramedicine and QA/QI, along with various research initiatives.

When not at work, Lt. Shawl loves to listen to live music, participate in yoga, and travel. He shares that his favorite subject in school was whatever was last period – because that meant school was about to be over for the day!

Lt. Shawl says that the best advice he ever received was to “try and meet people where they are; not where you want them to be.” ■



STERLING MYERS, NRP CALVERT COUNTY PEDIATRIC EMS CHAMPION

STERLING MYERS, NRP, is one of the Pediatric EMS is one of the Pediatric EMS Champions for Calvert County. Sterling also serves as a paramedic for Anne Arundel County Fire Department and St. Mary's County Department of Emergency Services. Additionally, he is the Deputy Chief of EMS for his volunteer station, St. Leonard Volunteer Fire & Rescue, in St. Leonard, MD.

Given his love of education, being a Pediatric EMS Champion comes naturally to Sterling. He enjoys participating in case studies and research initiatives, which reflects the best advice he ever received: “Never stop learning.”

See *MYERS* page 34



ALICIA WRIGHT, NRP PRINCE GEORGE'S CO. PEDIATRIC EMS CHAMPION

ALICIA WRIGHT, NRP, is one of the Pediatric EMS Champions for Prince George's County. Alicia is a paramedic with the Prince George's County Fire/EMS Department and serves as a hands-only CPR trainer. She loves her career because on someone's worst day, Alicia gets the chance to hopefully make it a little better.

If Alicia had a superpower, she would love to be able to astral project so she could be in two places at one time. In school, Alicia loved math and science classes.

When not at work, you can find Alicia being the ultimate sports mom and taking her kids to and from

See *WRIGHT* page 34



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

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:** *48th 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:** *64th 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.

Submit events to Patrick Tandy at ptandy@miemss.org.

Enhancing Interoperability for Law Enforcement in the Maryland-National Capital Region

THE MARYLAND-NATIONAL CAPITAL REGION EMERGENCY RESPONSE SYSTEM (MDERS) aims to improve interoperability between the Montgomery County Police Department (MCPD) and the Prince George's County Police Department (PGPD) by enhancing coordination on response capabilities. MDERS provides similar tools, training, and exercises that more directly align the two departments' policies, plans, and procedures. This closer association encourages and develops various interjurisdictional law enforcement response efforts.

MCPD and PGPD operate in neighboring jurisdictions which leads to frequent overlap on emergency calls. Additionally, large-scale, or specialized emergencies often require interjurisdictional cooperation. The high frequency of these joint deployments necessitates a greater need for collaboration on procuring similar equipment, participating in identical trainings, and joint participating in MDERS-sponsored exercises.

Every fiscal year, MCPD and PGPD propose equipment purchases to enhance or develop capabilities. Both departments create their proposals cognizant of what the other department has or will seek. MDERS works with the department to closely align the requests with similar equipment such as night vision goggles, infrared cameras, personal protective equipment, and operational vehicles. This parallel procurement effort promotes a greater familiarity of each department's resources to allow for greater interjurisdictional



Photo: Maryland-National Capital Region Emergency Response System



integration.

To further promote regional law enforcement cohesion, MDERS has sent MCPD and PGPD officers to various training initiatives. The courses include topics such as technical breaching, tactical emergency medical services (TEMS), public order, active shooter mitigation, first receiver operations training (FROT), command-level leadership, and other law enforcement learning oppor-

tunities. The joint participation and breadth of these training opportunities will help the departments prepare for a variety of emergencies and strengthen interoperability capabilities in the Maryland-National Capital Region.

The culmination of the similar procurement and training is the discussion and practical deployment of joint MCPD and PGPD responses. MDERS has created workshops, tabletop sessions, and full-scale exercises to allow personnel to strategize and rehearse interoperable deployments. These discussions help identify areas for improvement to bolster their interjurisdictional response.

The similar equipment, training, and exercises enhances in-

See MDERS page 34

MID ATLANTIC LIFE SAFETY

64th Annual

CONFERENCE 2023

CALL FOR PRESENTATIONS NOW OPEN!

Submission Deadline: May 1, 2023

TAKE YOUR
EDUCATION TO THE
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APPLIED PHYSICS LAB
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8:00 am to 4:00 pm

Tuesday, September 19, 2023

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PRESENTATION

GO TO:

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Presentation Topics

Code Enforcement, Community Risk Reduction/Fire Prevention/Public Education,
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Public Safety Grants (Writing, Availability), Health/Safety/Wellness



✉ malsc@fabscom.org



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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.

Keeping Pedestrians and Bicyclists Safe

As some of the most vulnerable road users, we must all be particularly aware of the dangers that pedestrians and bicyclists face on our roadways so that we can keep them safe.

Stay alert while driving, paying particular attention in urban areas and intersections. Stop for pedestrians in marked AND unmarked crosswalks. Keep an eye on bicyclists riding in the road or in bike lanes, remember that they are considered vehicles on the road, and give them plenty of room when passing—at least 3 feet.

For additional pedestrian and bicycle safety tips visit ZeroDeathsMD.gov/PedBikeSafety



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:

- 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 ZeroDeathsMD.gov/events

Distracted Driving is Deadly

When we think of distracted driving, we nearly always think of cell phones. The reality is that there are many other forms of distraction that could put you and others at risk on the road. Eating, drinking, adjusting the radio, and looking at your navigation, are only a few of the things that can take your focus off the road ahead. Taking your eyes, or attention off the road for even a few seconds can lead to a crash.

4 Types of Distracted Driving

Visual Looking at something other than the road.	Auditory Hearing or listening to something not related to driving.	Manual Manipulating something other than the steering wheel.	Cognitive Thinking about something other than driving.

While it is impossible to eliminate every potential distraction while you're driving, you can take steps to minimize your distraction behind the wheel. Take breaks when you get hungry, set up your navigation prior to leaving home, and leave phone conversations and text responses to your passengers or until you arrive at your destination.

For additional information on the dangers of distracted driving, visit ZeroDeathsMD.gov/distracted

Be the FOCUSED driver and together we can all arrive safely.





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

Raffles ● Door Prizes ● Silent Auction ● Music ● Fun



American College of Surgeons

Point/Counterpoint Conference

In Person!

American College of Surgeons Point/Counterpoint Conference
DAY 1: Thursday, May 4, 2023

Plenary Track
 8:00 a.m. - 8:15 a.m. Welcome and Registration
 Moderator: Thomas M. Suster, MD, FACS, MOCM

Session 1: Staying Alive for the Ride
 Moderator: Carol L. Valdez, MD, FACS

8:15 a.m. - 8:30 a.m. Staying a Whole Blood Program: Is it Worth it?
 Moderator: Carol L. Valdez, MD, FACS

8:30 a.m. - 8:45 a.m. Staying a Whole Blood Program: Is it Worth it?
 Moderator: Carol L. Valdez, MD, FACS

8:45 a.m. - 9:00 a.m. Staying a Whole Blood Program: Is it Worth it?
 Moderator: Carol L. Valdez, MD, FACS

9:00 a.m. - 9:15 a.m. Staying a Whole Blood Program: Is it Worth it?
 Moderator: Carol L. Valdez, MD, FACS

9:15 a.m. - 9:30 a.m. Staying a Whole Blood Program: Is it Worth it?
 Moderator: Carol L. Valdez, MD, FACS

9:30 a.m. - 9:45 a.m. Staying a Whole Blood Program: Is it Worth it?
 Moderator: Carol L. Valdez, MD, FACS

9:45 a.m. - 10:00 a.m. Staying a Whole Blood Program: Is it Worth it?
 Moderator: Carol L. Valdez, MD, FACS

10:00 a.m. - 10:15 a.m. Staying a Whole Blood Program: Is it Worth it?
 Moderator: Carol L. Valdez, MD, FACS

10:15 a.m. - 10:30 a.m. Staying a Whole Blood Program: Is it Worth it?
 Moderator: Carol L. Valdez, MD, FACS

10:30 a.m. - 10:45 a.m. Staying a Whole Blood Program: Is it Worth it?
 Moderator: Carol L. Valdez, MD, FACS

10:45 a.m. - 11:00 a.m. Staying a Whole Blood Program: Is it Worth it?
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11:00 a.m. - 11:15 a.m. Staying a Whole Blood Program: Is it Worth it?
 Moderator: Carol L. Valdez, MD, FACS

11:15 a.m. - 11:30 a.m. Staying a Whole Blood Program: Is it Worth it?
 Moderator: Carol L. Valdez, MD, FACS

11:30 a.m. - 11:45 a.m. Staying a Whole Blood Program: Is it Worth it?
 Moderator: Carol L. Valdez, MD, FACS

11:45 a.m. - 12:00 p.m. Staying a Whole Blood Program: Is it Worth it?
 Moderator: Carol L. Valdez, MD, FACS

12:00 p.m. - 12:15 p.m. Staying a Whole Blood Program: Is it Worth it?
 Moderator: Carol L. Valdez, MD, FACS

12:15 p.m. - 12:30 p.m. Staying a Whole Blood Program: Is it Worth it?
 Moderator: Carol L. Valdez, MD, FACS

12:30 p.m. - 12:45 p.m. Staying a Whole Blood Program: Is it Worth it?
 Moderator: Carol L. Valdez, MD, FACS

12:45 p.m. - 1:00 p.m. Staying a Whole Blood Program: Is it Worth it?
 Moderator: Carol L. Valdez, MD, FACS

Lunch: Charles C. Gofferts, Jr., MD, Memorial Lecture
 12:30 p.m. - 1:00 p.m. Moderator: COL John B. Hootman, MD, FACS, US Army Retired

Physicians Track
 Breakout Session R: Physicians
 Physician Moderator: Paula R. Ferrello, MD, FACS, FCCM, MOCM

1:30 p.m. - 2:00 p.m. Perforated Duodenal Ulcer Treatment Options vs. Medical Therapy
 Moderator: Thomas M. Suster, MD, FACS, MOCM
 Speaker: David P. Finkels, MD, FACS

2:00 p.m. - 2:30 p.m. Perforated Duodenal Ulcer Treatment Options vs. Medical Therapy
 Moderator: Thomas M. Suster, MD, FACS, MOCM
 Speaker: David P. Finkels, MD, FACS

2:30 p.m. - 3:00 p.m. Perforated Duodenal Ulcer Treatment Options vs. Medical Therapy
 Moderator: Thomas M. Suster, MD, FACS, MOCM
 Speaker: David P. Finkels, MD, FACS

3:00 p.m. - 3:30 p.m. Perforated Duodenal Ulcer Treatment Options vs. Medical Therapy
 Moderator: Thomas M. Suster, MD, FACS, MOCM
 Speaker: David P. Finkels, MD, FACS

3:30 p.m. - 4:00 p.m. Perforated Duodenal Ulcer Treatment Options vs. Medical Therapy
 Moderator: Thomas M. Suster, MD, FACS, MOCM
 Speaker: David P. Finkels, MD, FACS

Nursing Track
 Breakout Session B: Nursing
 Nursing Moderator: Christie Handberg, RN, MN, RN-AC, NE-AC

1:30 p.m. - 2:00 p.m. Anticoagulation Case Management
 Moderator: Catherine P. Engler, MD

2:00 p.m. - 2:30 p.m. Delirium Management: The Role of the Visitor
 Moderator: S. Jennifer Dennis, CNRN

2:30 p.m. - 3:00 p.m. New Discharge for Geriatric Care
 Moderator: Michael J. Chinn, MD, FACS

3:00 p.m. - 3:30 p.m. Building Resilience
 Moderator: Susan B. Pugh, CNRN

3:30 p.m. - 4:00 p.m. Break

3:45 p.m. - 5:00 p.m. Moderator Session:
 Schedule: Should I, and Should We Be Doing It?
 Moderator: Roger Harrison, MD, MPH, MBA, MPP, FACS, FCCM, FICE

American College of Surgeons Point/Counterpoint Conference
DAY 2: Friday, May 5, 2023

Plenary Track
 Session 3:
 Moderator: Carol L. Valdez, MD, FACS

8:00 a.m. - 10:15 a.m. Panel: Three Cases and Debate
 Moderator: Robert Sauer, MD, FACS, FCCM
 John R. Colman, MD, MPH
 Deborah M. Ryan, MD, MPH, FACS, FCCM
 Jennifer Knight-Davis, MD, FACS
 Walter Ferrello, MD, MEd, FACS
 Kevin M. Bradley, MD, MBA
 Joseph V. Sullivan, MD, MPH, MPH

10:15 a.m. - 10:30 a.m. Break

10:30 a.m. - 12:15 p.m. Panel: Humanitarian and Disaster Response
 Moderator: Cheryl Westwood, MD, FACS
 Susan M. Briggs, MD, MPH, FACS
 Adam D. Zuck, MD, MPH, USF, FACS
 Howard D. Smith, MD, MPH, FACEP
 COL John B. Hootman, MD, FACS, US Army Retired

Lunch: Sharon M. Henry / Maryland CIT State-of-the-Art Lecture
 12:15 p.m. - 1:30 p.m. Introduction: Sharon M. Henry, MD, FACS
 Moderator: L.J. Finkels, MD, FACS

Physicians Track
 Breakout Session C: Physicians
 Physician Moderator: Melie Hartschke, MD, FACS

1:30 p.m. - 2:00 p.m. ECG Verification: Is Necessary or Not?
 Moderator: Cheryl Westwood, MD, FACS, FCCM
 Jennifer Knight-Davis, MD, FACS

2:00 p.m. - 2:30 p.m. Physical OR: Is it Worth the Cost or Not?
 Moderator: Walter Ferrello, MD, MEd, FACS
 Thomas M. Suster, MD, FACS, MOCM

2:30 p.m. - 3:00 p.m. Break

Nursing Track
 Breakout Session C: Nursing
 Nursing Moderator: Stefan Ianculescu, MD, MPH, TCRN, CCR

1:30 p.m. - 2:00 p.m. A Patient for Emergency Outreach
 Moderator: L.J. Finkels, MD, FACS

2:00 p.m. - 2:30 p.m. Nursing: Addressing the Gaps in Our Field
 Moderator: Jennifer Knight-Davis, MD, FACS

2:30 p.m. - 3:00 p.m. Elderly Patient Management Case
 Moderator: Cheryl Westwood, MD, FACS

3:00 p.m. - 3:30 p.m. Panel: Humanitarian and Disaster Response
 Moderator: Cheryl Westwood, MD, FACS

3:30 p.m. - 4:00 p.m. Break

Panel Session: Should the ED be a Demilitarized Zone: The Climate of Emotional and Physical Safety
 4:00 p.m. - 4:15 p.m. Moderator: Walter Ferrello, MD, MEd, FACS
 4:15 p.m. - 4:30 p.m. Panel: Should the ED be a Demilitarized Zone: The Climate of Emotional and Physical Safety
 Moderator: Walter Ferrello, MD, MEd, FACS
 4:30 p.m. - 4:45 p.m. Panel: Should the ED be a Demilitarized Zone: The Climate of Emotional and Physical Safety
 Moderator: Walter Ferrello, MD, MEd, FACS
 4:45 p.m. - 5:00 p.m. Panel: Should the ED be a Demilitarized Zone: The Climate of Emotional and Physical Safety
 Moderator: Walter Ferrello, MD, MEd, FACS

<https://mdcot.com>

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 for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

AMA PBA Category 1 Credit™
 The American College of Surgeons designates this live activity for a maximum of 8.75 AMA PBA Category 1 Credit™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

ACS American College of Surgeons
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 Division of Education





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.

For more information on the American Trauma Society, please visit amtrauma.org



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

Deadline: April 30, 2023

EMS NEWS DIGEST...

(Continued from page 2)

<https://www.marylandmatters.org/2023/03/19/as-opioids-overdose-deaths-keep-rising-report-urges-lawmakers-to-develop-new-approaches/>

■ **Fighting Fatigue in Public Safety (EMSI).** In 2007, the International Fire Chiefs Association released “Effects of Sleep Deprivation on Fire Fighters and EMS Responders,” highlighting that humans have limits to their abilities, and adequate daily sleep is needed to perform optimally and be healthy. The report notes long work hours are often associated with chronic sleep loss, which may result in decreased ability to think clearly and feelings of depression, stress and irritability. Chronic sleep loss is associated with a general increase in health complaints and musculoskel-

etal problems, higher body weight, a greater risk of obstructive sleep apnea, and heightened levels of cardiovascular disease and cancer. Read more: [https://www.emsl.com/wellness-week/articles/fighting-](https://www.emsl.com/wellness-week/articles/fighting-fatigue-in-public-safety-puoAAM-CppPIbfRp/)

[fatigue-in-public-safety-puoAAM-CppPIbfRp/](https://www.emsl.com/wellness-week/articles/fighting-fatigue-in-public-safety-puoAAM-CppPIbfRp/)

Submit recent EMS-related news and headlines for consideration to ptandy@miemss.org. ■

EMS@50...

(Continued from page 1)

yearlong celebration, including MIEMSS’ plans to issue a commemorative challenge coin in honor of the Maryland EMS system’s

50th anniversary, see future issues of Maryland EMS News, or follow MIEMSS on social media (Facebook: @MarylandEMS; Twitter: @MarylandEMS; Instagram: @Maryland EMS). ■

MDERS...

(Continued from page 25)

teroperability between MCPD and PGPD. MDERS will continue to provide financial and logistical support to continue to ensure MCPD and PGPD are adequately equipped and trained to confront evolving

threats to public safety.

For more information regarding MDERS sponsored procurement efforts and training initiatives, please reach out to the Operational Support Team at MDERS.Training@Maryland.gov. ■

WRIGHT...

(Continued from page 23)

sports practice/games. She also loves snuggles with her pets.

Alicia shares that she is an aggressive (but in a nice way) advocate

for the children, the elderly and animals because these are often vulnerable “patients”. It is because of her advocacy and passion for the children that drew Alicia to helping as a Pediatric EMS Champion. ■

MYERS...

(Continued from page 23)

Growing up, Sterling loved to play video games on his GameBoy as well as participating in any team-building activity. During school, he

loved science, while his first job was working as a server at a chain restaurant. Sterling shares that his family’s motto was to “always give 100% - even if you have no clue.” ■

Maryland EMS News

MIEMSS

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Baltimore, MD 21201-1536



Governor Wes Moore

Lt. Governor Aruna Miller

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