For All Emergency Medical Clinicians

Vol. 49 No. 2 February 2023

# Winterfest EMS Returns to In-Person Format

THE WINTERFEST EMS CONFERENCE, presented by the Talbot County Department of Emergency Services, drew approximately 100 attendees from across the Eastern Shore and around the state to Easton, Maryland, on February 3-5, 2023. It marked the program's return to an in-person format for the first time since the initial outbreak of the CO-VID-19 pandemic in early 2020.

The three-day conference kicked off with two pre-conference workshops, "Practice Makes Perfect - An Interactive Pediatric Medical Workshop" and "EMT 12-Hour Skills Refresher" on Friday at Easton Elks Lodge #1622.

During his Saturday morning welcoming remarks at Easton High School, MIEMSS Executive Director Dr. Ted Delbridge highlighted the state of EMS in Maryland, discussing some of its latest trends as well as its future in the coming year and beyond.

"Maryland, as a state, has the best EMS system in the country," said Delbridge. "It is a model that other states emulate, and that's all because of you. It's because of what people do in the field every single day."

The morning plenary session continued with Dr. Elizabeth Quaal Hines, Assistant Medical Director



Winterfest faculty member Billy Fritz (left) monitors the administration of high-quality pediatric CPR on a high-fidelity manikin during one of the conference's breakout sessions.

of the Maryland Poison Center and Assistant Professor in the UMMS Department of Pediatric Emergency Medicine, discussing "Cannabis Exposure from Tots to Teens", including intentional and unintentional forms of cannabis ingestions/inhalation, key assessment signs and symptoms, and prioritized care by EMS clinicians. Later, Randy G. Stair, "MSN, MA, RN, NRP, Supervisory Emergency Services Specialist at the US Secret Service's James J. Rowley Training Center, offered attendees an insider's view of "Man-

aging the Effects of Less-Lethal Munitions", how and why they are used by law enforcement, and related general safety concerns and challenges.

The afternoon's breakout sessions offered attendees a wide variety of continuing education opportunities. MIEMSS Region IV EMS Medical Director Dr. Thomas G. Chiccone presented an engaging session on "Human Error & Patient Safety", while State EMS Board Member Mary Alice Vanhoy, MSN,

See Winterfest page 28

# **EMS News Digest**

- Counties Support Creation of Emergency Services Task Force, Request Representation (Maryland Association of Counties). On February 21, 2023, Maryland Association of Counties Associate Policy Director Dominic Butchko submitted testimony to the House Health and Government Operations Committee in support of HB 0274 - Task Force on Reducing Emergency Department Wait Times with amendments. HB 0274 calls for the establishment of a study group tasked with identifying best practices for reducing emergency department wait times in the State. The Task Force will analyze just how states with similar demographics to Maryland have managed emergency department staffing, triage, and bed availability. As major players in administering emergency services, counties applaud the intent of this legislation, and ask for representation on the Task Force. Read more: https://tinyurl.com/39mumdz5.
- Maryland Considers New Bill

Requiring AEDs in Food Service Facilities (NewsBreak). Maryland is considering a new bill requiring certain food service facilities to have automated external defibrillators (AEDs) on hand. The bill, also known as the Joe Sheya Act, is sponsored by Delegate Cullison and assigned to the Health and Government Operations and Economic Matters committees. Under the proposed law, food service facilities with an annual gross income of over \$400,000 would be required to develop and implement an AED program that meets certain requirements. Read more: https://tinyurl. com/y8hntx76. ■

■ Cropper Appointed Director of Emergency Services for Wicomico County (Maryland Association of Counties). Lorenzo Cropper has been appointed as Director of Emergency Services. Cropper has an extensive background in the fire and emergency services having served 25 years in many different capacities. He has been employed

with Wicomico County for more than 11 years in the Emergency Services Department. Mr. Cropper has an A.A.S Emergency Medical Services from Wor-Wic Technical Community College. He has a well-rounded background in both emergency management and emergency services. Read more: <a href="https://tinyurl.com/ycxv245u">https://tinyurl.com/ycxv245u</a>.

**■** Talbot Paramedic Foundation (The Star Democrat). The Talbot Paramedic Foundation recently elected officers for the next two years, re-electing Wayne Dyott as president. Dyott has served for over a decade as the president and has led the TPF through unprecedented growth to become a nationally recognized leader in public access defibrillation through the SaveStation program. In addition, Ruth Ann Jones was elected as vice president, Teri Simmons was reelected as treasurer, and Jenny Madino was elected as the foundation's secretary. Read more: https://tinyurl. com/2d8vxxr6. ■

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# **What is MIEMSS, and What Do We Do?**

WHAT, EXACTLY, IS MIEMSS, and what do we do? MIEMSS Executive Director Dr. Ted Delbridge sat down with AARP Maryland volunteer Ted Mayerson to answer these questions and more during a recent interview.

#### TM: Doctor, what is MIEMSS?

TD: Every state in the country has an agency that is designated to lead emergency medical services in the state, the agency that puts together the structures and processes that make it possible for the folks in the field to deliver consistent, high-quality care to the people in Maryland who need it, and in Maryland that is MIEMSS - the Maryland Institute for Emergency Medical Services Systems.

I am an Emergency Physician, and I work closely with the State EMS Medical Director, who is also an Emergency Physician, and a staff of about 100 people, who make it possible for the jurisdictions in Maryland to deliver high-quality emergency medical care in the field. We certify and license nearly 20,000 EMS clinicians - emergency medical responders, emergency medical dispatchers, EMTs, cardiac rescue technicians, and paramedics - they're the people that you see delivering care in the field. We ensure that they are qualified to do what they do, and keep track of their credentialing throughout their careers. Many of them are volunteers, many of them are career personnel. Many are both.

We also operate an EMS communication system. We have radio towers throughout the state that





Scan the QR code at left to watch the complete interview with MIEMSS Executive Dr. Ted Delbridge.

enables a Paramedic in Cumberland, Maryland, to talk to a trauma surgeon at the R Adams Cowley Shock Trauma Center in Baltimore to help determine the appropriate care for an injured person, as well as the right place for them to go. That system is staffed in our building 24 hours a day, seven days a week, 365 days a year, with telecommunicators who can patch that communications network together.

We also work in concert with Maryland State Police, who are responsible for dispatching air medical resources to the scenes of serious iniuries and illnesses. There are seven State Police helicopters stationed throughout the state. We work with the Maryland State Police to receive calls from 9-1-1 centers to dispatch those resources appropriately. We make sure that the helicopter gets to the scene, and ensure the safe transport of the patient to a hospital.

We are also responsible for designating the state's Specialty Care Centers, Trauma Centers, Cardiac Intervention Centers, Stroke Centers, and High-Level Perinatal Centers.

We view EMS as the care that is delivered to the patient from the time of their injury or illness in the field until they reach definitive care. We work with our hospital partners on a day-to-day basis to ensure that we have a system that envelops the more than six million people who live in and visit Maryland.

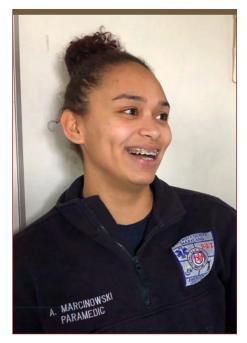
Watch the complete interview with MIEMSS Executive Director Dr. Ted Delbridge by scanning the QR code above.





## Winterfest EMS 2023

February 3-5 | Easton, Maryland



"I came to Winterfest because I wanted the experience and I need it for my re-cert next year. I will be coming back next time—
I want to go to different breakouts and learn more!"







Scan the QR code above for more photo and video coverage of Winterfest EMS 2023.





"Come along, you'll have fun! And you will [develop] friendships — a lifetime of friendships."

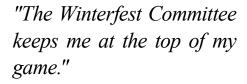
KAY TREGO CRT-I | Singerly VFC

## Winterfest EMS 2023

February 3-5 | Easton, Maryland







#### THOMAS G. CHICCONE, MD

MIEMSS Region IV EMS Medical Director | Winterfest Faculty Since 2007





"This is my eighth Winterfest. I live on the Western Shore, and I like to get a different perspective for EMS so I can keep up-to-date on what's happening around the state."

**HENRY LYLES**Paramedic | Lifestar Response



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

#### **MARCH 2023**

- **4-5:** *Maryland Fire Chiefs Association Hoglund Officers Seminar.* Shady Grove Conference Center, Rockville, MD. (https://www.mfri.org/schedule/seminars/)
- **6-7:** *Mid-Atlantic Transport Conference*. Maritime Conference Center, Linthicum, MD. (https://tinyurl.com/MATC2023)
- 9-11: *Miltenberger Emergency Services Seminar*. Rocky Gap Casino Resort, Flintstone, MD. (https://miltenbergerseminar.com/)
- **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/)

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



# Miltenberger Emergency Services Seminar

March 9 - 11, 2023 Rocky Gap Casino Resort, Flintstone, MD

Presented by

The Maryland Institute for Emergency Medical Services Systems, the Maryland Fire and Rescue Institute, the Region I Emergency Services Education Council, Garrett College, and Allegany College of Maryland

The eighteenth Miltenberger Emergency Services Seminar will be held on March 9 - 11 at Rocky Gap Casino Resort in Flintstone, Maryland, along with an off-site course on March 9 & 10. Please join us and participate in the excellent educational opportunities this program offers, along with the chance to enjoy the relaxing atmosphere in the mountains of Western Maryland.

The Miltenberger Emergency Services Seminar is designed to meet the continuing education needs of emergency services clinicians in Western Maryland and the surrounding area. The large diversity of workshops offered at this year's seminar include EMS, Nursing, Fire, and Dispatch. A strong inter-working relationship among public safety and healthcare clinicians is the key to the successful outcome of any incident.

The program this year will feature a variety of pre-seminar workshops held Wednesday, Thursday, and Friday and ending with the all-day seminar on Saturday. Some classroom spaces are limited in size, so please register early.

The Keynote speaker for Saturday is Bob Page, an internationally known speaker, instructor, author, and paramedic. He is recognized



for his energetic, humorous, and motivational style. Bob takes ordinarily dry and hard-to-teach topics and transforms them into a fun, learning experience. He holds a Master's degree in Adult Education. Bob has been an instructor for almost 4 decades teaching a variety of adult education courses from customer service to advanced medical care. He is a Certified Healthcare Simulation Educator

and Operations Specialist. He has presented over 3000 seminars worldwide. He was recognized by his peers in Missouri as Missouri's "Most Creative Educator" in 2009 and was awarded the Legends That Walk Among us Award from NAEMSE in 2012.

#### **Registration Information**

Pre-registration is **required** and must be received via our website, **www.miltenbergerseminar.com**, or at the MIEMSS Region I Office by Feb. 27, 2023. Everyone registered by this date and attending will receive a t-shirt. Please register early to ensure yourself a place in this outstanding program. Registration confirmation notices will be mailed. If the confirmation notice has not been received by March 3, 2023, it is the responsibility of the attendee to verify that their registration has been received. Late registration will be accepted on a space-available basis.

#### Cancellations

Cancellation notices submitted in writing to the MIEMSS Region I Office and postmarked no later than March 2, 2023, will be eligible for a full refund. If a registrant is unable to attend, another person may be substituted with a letter from the original registrant or sponsoring agency authorizing the substitution. No refunds will be issued for cancellations after March 2, 2023.

#### Fees

All workshops on Friday at Rocky Gap Casino Resort are \$85. The registration fee for Saturday's seminar is \$105 and it covers all activities, including continental breakfast, breaks, luncheon, and printed materials. Payment may be made in the form of a check or by credit card; there is a \$30 fee for all returned checks. If your company or agency would like to be invoiced for the program, please contact the MIEMSS Region I Office at 301-895-5934 or 301-746-8636. Payment information must accompany registration. This affordable registration fee is possible due to the generous support of the UPMC Western Maryland, Garrett Regional Medical Center, R Adams Cowley Shock Trauma Center, Maryland Emergency Number Systems Board, Emergency Medical Services for Children, US Acute Care Solutions, MIEMSS, and MFRI.

#### **Continuing Education Credits (Con-Ed)**

Con-Ed credits have been applied for through MIEMSS. Brochure designated Con-Ed credits reflect current information from the descriptor and title, and may change to reflect the actual course content. Conference materials will also be available to request Con-Ed from neighboring jurisdictions and other organizations.

#### **Nursing Contact Hours**

Western Maryland Health System (WMHS) is approved (PW 13-03-506-1001) as a provider of continuing nursing education by the Maryland Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation. WVBRN provider registration number is WV96-0009RN. The Saturday seminar provides contact hours as noted below. To receive nursing contact hours, participants are required to attend the entire session and submit the course evaluation.

#### Courses for Nursing Credits – T denotes Trauma Credits

Friday: Nursing / ALS Program (7 hrs) T-3.5 hrs Multi-Lead Medics 12 Lead (8 hrs)

Stop the Bleed Instructor (7 hrs) T

Saturday: Should We Be Giving Narcan to Everyone (1hr)

Bleeding Kills (1.25 hrs) T Tracheostomy Care (1.25 hrs)

When's the Last Time We Gave That (1.25 hrs)

Helping the Helpers (1.25 hrs)

Conquering the Critical Airway (1.25 hrs)

Playing with Fire – Children and Fireworks (1.25 hrs) T

Global Health (1.25 hrs)

Advanced Trauma Assessment (3 hrs) T

Clearing the Air (1.25 hrs)

Hyperbaric Oxygen Therapy (1.25 hrs)

In Plain Sight (1.25 hrs)

Transfer and Transport of the Burn Patient (1.25 hrs) T



#### **Hotel Accommodations**

A **limited** number of rooms have been reserved at Rocky Gap Casino Resort at special discounted rates for Miltenberger Emergency Services Seminar participants. These special prices can be guaranteed **ONLY** until Friday, February 9, 2023. After this date, the availability of discounted rooms cannot be guaranteed. The room rates are \$119 per night plus tax and fees. All room rates are subject to state and county taxes plus a \$25 resort fee. If you are



tax-exempt for rooms, let them know upfront when you call. **To obtain these discounted rates**, **please use the Miltenberger code for rooms which is DRW0323.** Please reserve your room early by calling Rocky Gap Resort at 301-784-8400 or 1-800-724-0828.

#### **Directions to Rocky Gap Casino Resort**

Take I-68 West to Rocky Gap State Park, Exit 50. Make a right off the exit. The resort is visible from the road.

Take I-68 East to Rocky Gap State Park, Exit 50. Make a left at the stop sign and cross over the bridge. The resort is visible from the road.

#### Directions to Winter's Towing Garage Warehouse, located at Upper Potomac Industrial Park Street, Cumberland, MD

*Take I-68 West* to Exit 42, S. Greene Street, turn left onto US 220-S. Greene Street toward McCoole/Keyser, WV. Continue 0.9 miles, turn left onto Upper Potomac Industrial Park Street, take the first left after crossing the bridge, you will see the garage/warehouse in front of you.

#### Directions to Allegany College of Maryland (ACM), located at 12401 Willowbrook Road, Cumberland, MD

*Take I-68 West* to Exit 44 Willowbrook Road, turn left onto Willowbrook Road. Continue 1 mile, turn left into the ACM campus. Continuing Education is the first building on the right with parking behind.

#### **Special Accommodations**

If you require special accommodations, please provide information about your requirements when you register.

#### **Additional Information**

You may wish to bring a sweater for your comfort. For additional information, please contact the MIEMSS Region I Office at 301-895-5934 or 301-746-8636. You may also want to visit Rocky Gap's website at <a href="https://www.rockygapresort.com">www.rockygapresort.com</a> to check out the resort and other activities available during your stay.

#### Schedule Changes and Right to Cancel

Every effort has been made to ensure accurate information in this brochure. However, due to unforeseen circumstances, it may become necessary to make changes to the schedule. The Miltenberger Emergency Services Seminar Planning Committee reserves the right to cancel or make changes in course offerings, presenters, and session times without prior notice to attendees.



# Pre-Conference Program at Allegany College of Maryland Continuing Education Building

March 9 - 10, 2023

#### Emergency Medical Technician Skills (Thurs. 6 PM – 10 PM & Fri. 8 AM – 5 PM)

Presented by University of Maryland MICRB Certified EMS Instructors

This session will provide students with the knowledge, skills, and abilities to satisfy the 12-hour psychomotor requirements for Maryland EMT recertification. The student will perform skills related to patient assessment, oxygen adjuncts and delivery, CPR, AED, bleeding control and management of soft tissue injuries, musculoskeletal injuries, and spinal immobilization.

Students must attend required classroom sessions on Thursday evening and Friday, be able to demonstrate proficiency in the practical skills evolutions and obtain a score of 70% or better on the MIEMSS protocol quiz. (12 Hrs BLS: S) Lunch will be provided on Friday.

#### Pre-Conference Programs at Rocky Gap Casino Resort

#### March 10, 2023

7:00 AM: Registration & Continental Breakfast

PEPP Hybrid Course: BLS & ALS (Fri., 8 AM - 5 PM)

Presenters: EMS for Children Faculty

The PEPP-4 Hybrid Course is designed by the American Academy of Pediatrics specifically for both ALS & BLS clinicians with a focus on the assessment and management of ill or injured children. Maryland EMS for Children has added additional scenarios and special equipment to correlate with EMS Scope of Practice in Maryland.

PEPP-4 hybrid ONLINE portion features all-new lecture material and new modules on Behavioral Emergencies, Children in Disasters, and Pediatric Toxicology. PEPP "In-Person" day is 100% interactive with skills, case scenarios, role-play activities, and small group discussions. The skill videos are all new and available online for reference for 2 years to all participants.

Required – Online learning must be completed prior to attending the course.

Textbook will be mailed with an online access code to the address provided upon receipt of registration.

- BLS Participants must complete 10.25 hours of online learning prior to attending the one-day onsite portion.
- ALS Participants must complete 11.75 hours of online learning prior to attending the one-day onsite portion.

Participants will receive an AAP course completion card by participating in both the online and on-site portions of the course and successfully completing a written test.

CEs: BLS Clinicians will receive 15 hours, ALS Clinicians will receive 18.75 hours upon completion of both online and attending the in person day.

The course is limited to 24 students.

(15 Hrs BLS: 8 Hrs M & 7 Hrs T, ALS: Applied For) Lunch will be provided.

#### Multi-Lead Medics 12 Lead ECG Interpretation Workshop (Fri., 8:00 AM – 5 PM)

Presenter: Bob Page, M.Ed, NRP, CCP, NCEE, CHSE, CHSOS, State CEU Educator, Virginia Office of EMS

For over 30 years, Bob has been delivering this course to Emergency and Critical Care providers worldwide. If anyone told you that you could take a 12-lead class and have fun, would you believe them? Presented by Bob Page, author of the book 12 Lead ECG for Acute and Critical Care Providers, this 8-hour, highly motivating, non-stop interactive course on 12-Lead ECG is comprehensive including proper lead placement, axis, and hemiblock determination, bundle branch blocks, differentiating wide complex tachycardia and myocardial infarction recognition. Also included is the use of a 15-lead ECG for increased sensitivity for STEMI. Participants in the program will read approximately 200 12-lead ECGs, gaining both experience and confidence in their newly learned skill.

(8 Hrs BLS: M, ALS: Applied For) Lunch will be provided

#### Nursing / ALS Program (4 Sessions, Fri. 8:30 AM – 4:30 PM) Lunch will be provided.

#### • Follow the Bubbles: Airway Management in the Trauma Patient

Presenter: Dr. Rameen Shafiei, DO FACEP, Allegany County EMS Medical Director

Airway management in a trauma patient comes with many special considerations and complications to consider. This session will provide an overview of the typical pitfalls encountered during airway stabilization and intubation of a trauma patient, and ways to better help you and your patient take a deep breath and move on with the rest of the primary survey.

#### • An Introduction to Antimicrobial Stewardship

Presenter: Rameet Thapa, MD, Director of Infectious Disease and Antimicrobial Stewardship Program at UPMC Western MD While antibiotics are commonly prescribed medications and can save lives, the data shows that up to 50% of the antibiotics prescribed in hospitals are either unnecessary or inappropriate. This has led to the development of multi-drug resistant bacteria and antimicrobial resistance has been recognized as a global threat to public health. Learn about antimicrobial stewardship and the common clinical conditions where antibiotics are inappropriately prescribed as well as the consequences of antibiotic overuse such as C. diff diarrhea.

#### Pediatric Respirations: More than a Vital Sign and Frequently Noisy

Presenter: Gail Schoolden, DNP, APRN-CNS, CPEN, Maryland ENA 2023 Pediatric Chair

Respiratory emergencies are one of the most common reasons parents seek emergency medical attention for their children. Some are new and acute illnesses needing rapid triage, stabilization, and treatment, and then they turn around and can go home. Others require longer treatments and changes in home routines. Children and families are also present when home treatment plans for chronic respiratory illness are not working. Dr. Gail Schoolden will review the most common types of pediatric respiratory emergencies, initial assessment findings, appropriate medical interventions, and care planning. Learn tips and tricks that work with children of different ages as well as red flags to watch for.

#### • ALS/Nursing Keynote: Blunt Trauma - Patterns of Injury

Presenter: Andrew B. Peitzman, MD, Mark M. Ravitch Professor of Surgery, University of Pittsburgh School of Medicine
Trauma is the leading cause of death in patients under 45, many of these injuries are due to blunt force trauma from vehicle crashes to pedestrian accidents. This lecture will emphasize the relationship between blunt injury patterns and associated injuries. This knowledge is essential in efficient trauma team assessment and detection of associated injuries.

(BLS: 3.5 Hrs M, 3.5 Hrs T, ALS: Applied For)

#### Stop the Bleed Clinician – Instructor Course (Fri., 8:30 AM – 4:30 PM)

Presenters: Jeff Hobbs, BSN, RN, UPMC Western Maryland Trauma Program Manager; Michael Salvadge, NRP, EMS Chief, Allegany County Department of Emergency Services; Wayne B. Tiemersma, NRP, EMS Chief, Garrett County Emergency Services; Elizabeth Wooster, RN, PhD, MIEMSS Director of Trauma and Injury Specialty Care Program

Our nation has a history of learning hard lessons from wartime experiences; the case for hemorrhage control is no different. The Hartford Consensus directs that all responders have the education and necessary equipment for hemorrhage control and strongly endorses civilian bystanders to act as immediate responders. Immediate responders represent a foundational element of the ability of the U.S. to respond to these events and are a critical component of our ability to build national resilience. Immediate responders must be empowered to act, intervene, and assist.

We are a nation of people who respond to others in need. It is no longer sufficient to "see something, say something." Immediate responders must now "see something, do something."

This course teaches participants basic life-saving medical interventions, including bleeding control with a tourniquet, bleeding control with gauze packs or topical hemostatic agents, and opening an airway to allow a casualty to breathe. The course is intended for Anyone and Everyone who may one day find themselves in a "see something, do something" situation. Course materials include a PowerPoint presentation and three practical skill stations.

This course will continue during the second half as an STB instructor course for those participants that qualify to become instructors as outlined by the American College of Surgeon-Committee on Trauma. Students will be mentored both in lecture content and style, communication skills for the general public along with practical skill station instruction.

(5 Hrs BLS: T, ALS: Applied For) Lunch will be provided.

#### Dispatch: Expecting the Unexpected (Fri., 8 AM – 5 PM)

Presenters: Doug and Jill Showalter, Showalter & Company, Inc.

This course offers critical and essential information along with specific guidance and direction on emergency calls ranging from sinking vehicles, home invasions, school shootings, officer-involved shootings, and homeland security issues. All employees will benefit from this course which uses more than four decades of real public safety experience to offer realistic, practical, and useful techniques for responding to and handling a variety of unexpected emergency incidents. (Learning category: supervision, all personnel)

(8 Hrs BLS: L, ALS: Applied For) Lunch will be provided.



## Saturday's Seminar on March 11, 2023

A schedule of the day's program is presented below. There are five categories of training for you to choose from during the day. They are listed below and color-coded for your convenience.

Nursing

ALS

EMS

Dispatch



6:45 AM: Registration and Continental Breakfast

8:00 AM: Welcome / State of the State

#### 8:30 AM: Keynote Address – Should We Really Be Giving Narcan to Everyone?

Presenter: Bob Page, M.Ed, NRP, CCP, NCEE, CHSE, CHSOS, State CEU Educator, Virginia Office of EMS
It is in the news, Opioid Epidemic! Drug overdose deaths are up nationwide. Narcan has been hailed as a lifesaving drug! Everybody can give it, EMS, firefighters, the Police, and the lay public even. Everybody is caught up in the hoopla! But what are the costs?

Besides the actual cost of the drug Narcan, what are the other costs? What are the risks to the patient who gets Narcan and EMS and others that give the drug as an antidote? Toxicologists have for years warned about giving antidotes without knowing what the patient took. Is there an alternative? Come to this session and hear what no one else is telling you, and take a look at the other side of the discussion that goes against most systems protocol. EMS providers have been following their protocols and some have even suggested that Narcan can "rule out" a narcotic overdose? We will look at the effects of narcotics on the body and what the real problem is. Solid patient assessment techniques could point the provider to a management plan.

(1 Hr BLS: M, ALS: Applied For)

#### 9:30 AM: Break and Visit Vendors

#### 9:45 AM: Breakout Session 1

#### (A) Bleeding Kills: Working Towards Zero Preventable Deaths

**Presenter:** Andrew B. Peitzman, MD, Mark M. Ravitch Professor of Surgery, Univ. of Pittsburgh School of Medicine Bleeding is the most common preventable cause of death after injury. Nationally, 30-40% of traumatic deaths annually are due to significant hemorrhage. This lecture will provide an understanding of the mechanisms and natural history of major bleeding. A system-wide approach to bleeding control will be discussed.

#### (1.5 Hrs BLS: T, ALS: Applied For)

#### (B) When's the Last Time We Gave That? - Infrequently Used Drugs and Drug Concentrations

#### Presenter: Rick Koch, Sr., NRP, Battalion Chief, Ocean City Fire Department

When you get the orders for the drugs you haven't seen since pharmacology class what do you do? During this session we will review infrequently used drugs, cover the different ways these drugs are packaged, and how to get the proper dosage for your patient. Attendees will brush up on their drug calculations, concentrations, and the mixing of these elusive medications. (1.5 Hrs BLS: M, ALS: Applied For)

#### (C) Tracheostomy Care: Not Just for ALS

#### Presenter: Sterling Myers, NRP & Maryland Pediatric EMS Champions

Caring for a patient with a tracheostomy tube does not need to be a nerve-racking experience. Tubes go in, tubes come out – the key is effective air exchange. Through discussion and hands-on practice with manikins, BLS and ALS professionals will gain the confidence and skills needed to handle the call for an infant, a child, or an adult needing assistance.

(1.5 Hrs BLS: M, ALS: Applied For)

#### (D) From the Recent Literature......

#### Presenter: Ted Delbridge, MD, MPH, MIEMSS Executive Director

Dr. Delbridge will deliver an overview of relevant findings from recent educational articles. With an outcomes-based perspective, he will explore the written material's who, what, where, when, why, and how in hopes of enlightening participants on some of the contemporary issues facing EMS.

(1.5 Hrs BLS: M, ALS: Applied For)

#### (E) Doing Time in Dispatch

#### Presenters: Doug and Jill Showalter, Showalter & Company, Inc.

This is our unique approach to a traditional "Customer Service" course. The concept of customer service starts long before the first call is answered, it starts with a clearly defined mission so each employee can understand their role. We will demonstrate easy, unique, and practical ways to keep your staff motivated, ready & fully engaged. Appreciation is one of the most powerful yet overlooked aspects of successfully motivating and empowering people. The link between employee satisfaction and productivity is long-established and encourages employees to do their best and perform at the highest of standards. Remember, you're not just "Doing Time", you're making a difference.

(8 Hrs BLS: L, ALS: Applied For)

# (F) Fire Class – Advanced Vehicle Rescue; Held at Winter's Towing, Upper Potomac Industrial Park St., Cumberland Maryland

# Instructors: Lt. Ronnie Carr, Special Operations, Anne Arundel County Fire; Lt. Derek Crippen, Special Operations, Prince George's County Fire/EMS

In this action-packed full-day course, participants will advance through different accident scenes rescuing victims from a variety of different vehicles in a variety of different positions. This will be a fantastic refresher on stabilizing, moving, lifting, and cutting vehicles as instructors put you through extrication practical scenarios. Participants must be physically able to participate in this training including the adherence to or exceeding the MFRI physical policy. Students must bring a fitted, full set of turnout gear and have permission from their home fire/rescue department to participate in this training on their behalf. (6 Hrs BLS: L, ALS: Applied For)

#### 11:15 AM: Breakout Session 2

#### (G) Helping the Helpers: CISM-ASAP

#### Presenter: Zane A. Leydig, LCSW, CCISM

A brief overview of the peer, frontline support program CISM-ASAP recently launched at UPMC Western Maryland. Built around the concepts of Critical Incident Stress Management, the program looks to provide support and guidance to frontline workers as they navigate the often stressful and sometimes traumatic world of healthcare in an effort to prevent the second-victim phenomenon. (1.5 Hrs BLS: L, ALS: Applied For)

#### (H) Conquering the Critical Airway

#### Presenter: Timothy P. Chizmar, MD, FACEP, FAEMS, State EMS Medical Director, MIEMSS

Dr. Chizmar will discuss ways to refine your approach to airway management. With a systematic approach and knowledge of various adjuncts and technology, you will emerge feeling inspired to "conquer" your next critical or compromised airway. Participants will be able to rapidly identify compromised airway patients, develop plans to effectively manage a patient's airway, recognize the importance of a systematic approach to airway management, and utilize various devices, adjuncts, and technology in EMS airway management. (1.5 Hrs BLS: M, ALS: Applied For)

#### (I) Playing with Fire – Children and Fireworks Injuries

# Presenter: Cindy Colson, MSN, RN, Injury Prevention and Education Outreach Coordinator, Children's National Medical Center

Summertime celebrations, especially July 4th, include food, fireworks, and fun. But, did you know that teens and tweens are 2x more likely to be injured by fireworks than the general population and that sparklers account for 30% of injuries amongst children? Through case presentations, this session will differentiate the types of burns seen in children and youth as well as the blast injuries also associated with fireworks.

(1.5 Hrs BLS: T, ALS: Applied For)

#### (J) Global Health - A View of Emergency Medicine

# Presenter: Janelle M. Martin, MD, FACEP, Medical Director for LifeNet 8-1, WellFlight 2-8, Washington County EMS, MIEMSS Region I and GC Paramedic Program

This session will focus on the practice of Emergency Medicine internationally, including natural disaster response, conflict zone field hospitals, and epidemic medicine. Dr. Martin will review the challenges faced when serving in low-resource areas. She will present case reviews focusing on common situations encountered in disaster and epidemic medicine including during the current war in Ukraine.

(1.5 Hrs BLS: M, ALS: Applied For)

#### 12:30 PM - 1:30 PM: Lunch and Visit Vendors

#### 1:45 PM: Breakout Session 3

#### (K) Advanced Trauma Assessment

Presenter: Jason Layman, MSN, CRNP, ENP-C, FNP-C, Lead Advanced Practice Provider USACS, UPMC Western Maryland ED

This course will provide you with the fundamental knowledge to systematically assess a critically injured trauma patient. You will be able to understand and demonstrate key assessment principles specific to the trauma patient and recognize life-threatening abnormal findings.

(3 Hrs BLS: T, ALS: Applied For)

#### (L) Clearing the Air: Capnography in Cardiac Arrest

Presenter: Presenter: Bob Page, M.Ed, NRP, CCP, NCEE, CHSE, CHSOS, State CEU Educator, VA Office of EMS Capnography is mentioned in patient care protocols, standardized course algorithms, and policy and procedure manuals nationwide. USE WAVEFORM Capnography to confirm tube placement; Use Capnography for determining the adequacy of CPR or Use Capnography as a determining factor of ROSC. But very few if any actually describe how that is done. Without explanation or an understanding of it, many are left to figure it out themselves or rely on blogs and here say. Join Bob as he breaks it all down on how to actually use Capnography in cardiac arrest.

(1.5 Hrs BLS: M, ALS: Applied For)

#### (M) Hyperbaric Oxygen Therapy Basics and Emergency Care

#### Presenter: Gregory A. Fulmer, BTPS, RRT, CHT, R Adams Cowley Shock Trauma Center

This presentation discusses the basics of hyperbaric oxygen therapy (HBOT). There are a number of emergency conditions a patient may face for a medical clinician would suggest HBOT. This session will draw attention to the emergency needs of those likely to need Hyperbaric Oxygen Therapy.

(1.5 Hrs BLS: M, ALS: Applied For)

#### (N) Soft, Slow, Steady, and Simple, Assessing the Autistic Patient

#### Presenter: Dwayne Kitis, BS, CRT-I, MFRI Instructor, MIEMSS C4 Manager

This session will present an overview of Garrett, and his life with Autism. We will discuss how children and adults with Autism Spectrum Disorder (ASD) receive, translate, and respond to different types of external stimulation. Participants will be shown ways to assess autistic individuals, including how to gather identifiable health and other pertinent information. Students will interact with Garrett in an attempt to assess the patient's health utilizing techniques learned in this session.

(1.5 Hrs BLS: L, ALS: Applied For)

#### 3:00 PM: Break and Visit Vendors

#### 3:15 PM: Breakout Session 4

#### (O) In Plain Sight: Identifying the Occlusive Myocardial Infarction (OMI) on the ECG

Presenter: Charity Rinker, NRP, MICRB, MFRI Instructor, Lt. Frederick County Fire & Rescue Services (Retired)
STEMI has been the longstanding paradigm of identifying myocardial infarction in patient care. Research has shown that nearly 40% of patients with coronary occlusions do not present with ST-segment elevation. As clinicians, we must revert to our clinical knowledge and training to identify and treat these patients. Not only is it paramount that a STEMI is identified early and appropriate notifications made to the receiving facility, but we must consider transmitting and notifying the receiving facility of all ECGs that reveal OMI findings. Current cardiac monitors, both pre-hospital and in-hospital, are not equipped with internal algorithms to identify findings indicative of an OMI. Many patients requiring emergent cardiac catheterization are delayed because "\*\*\*MEETS ST ELEVATION MI CRITERIA\*\*\*" is not part of the ECG interpretation. This course will review the anatomy of cardiac infarction, symptoms associated with coronary artery occlusions, and the NSTEMI ECG findings in OMI patients.

(1.5 Hrs BLS: M, ALS: Applied For)

#### (D) Considerations for the Transfer and Transportation of t

# (P) Considerations for the Transfer and Transportation of the Burn Patient: A Review of Current Guidelines and Case Studies

#### Presenter: Emily H. Werthman, MSN, RN, Burn Program Manager, JHH Bayview Medical Center

During this lecture, participants will learn about the transfer and transportation of burn patients in the state of Maryland, with special attention paid to MIEMSS and ABA requirements. Case studies from the Johns Hopkins Burn Center will also be presented to enhance learning. At the completion of this lecture, participants will be able to state three referral criteria for the transfer of burn patients. Participants will also be able to discuss methods to prevent hypothermia and fluid overload.

(1.5 Hrs BLS: T, ALS: Applied For)

#### (Q) Unmanned Arial Systems (UAS) Operations for Public Safety

#### Presenters: Cpl. Lantz, Cpl. Peterson, F/Sgt. Thomas, Maryland State Police

Drone programs for public safety have increased exponentially throughout the country. This session will show how agencies, including the Maryland State Police, utilize Unmanned Arial Systems for public safety to aid in intelligence-gathering missions, planning, and risk mitigation.

(1.5 Hrs BLS: L ALS: Applied For)

4:30 PM: Seminar Ends

#### MILTENBERGER EMERGENCY SERVICES SEMINAR - REGISTRATION FORM

(Please duplicate form and use for additional registrants)

LAST NAME:		_ FIRST NAME	··				MI:	
STREET:								
CITY:		STATE:	Z	IP:				
COUNTY OF RESIDENCE:		EMAIL:						
PHONE #:	OTHER PHONE	#:						
DATE OF BIRTH:	CLINICIAN	N ID:						
PRIMARY AFFILIATION:								
CERTIFICATION/ LICENSURE (Circle all that apply)		D EMR EM				I RN	NP PA	MD
SIGNATURE: (I certify that the information on this form is correct.)			_ DATE:					
PRE-CONFERENCE WORKSHOPS Place check next to the class you wish to attend		SAT	SATURDAY SEMINAR (\$105) Please circle your choice below for each Breakout Session					ice below
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THURS / FRI 2-DAY CLASSES		Session 1:	A	В	С	D	E	F
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Emergency Medical Technician Skills – (\$60) FRIDAY CLASSES		Session 2: Session 3: Session 4: If you choo	G K K Conti	H L onued O p E or F, do	I  M  P  not choos	J N Q e any other	E Continued E Continued	F Continued  F Continued  F continued  r the day.

#### VISIT OUR WEBSITE - MILTENBERGERSEMINAR.COM - TO REGISTER AND PAY

Or

Mail Registration Form and Payment to: MIEMSS Region I Office, P.O. Box 113, Frostburg, MD 21532

Make Check or Money Order Payable to
\*\*\* Region I Emergency Services Education Council\*\*

PRE-REGISTRATION IS REQUIRED AND MUST BE RECEIVED VIA THE WEBSITE (WWW.MILTENBERGERSEMINAR.COM) OR IN THE MIEMSS REGION I OFFICE BY FEBRUARY 27, 2023. (ALL THOSE REGISTERED BY THIS DATE AND ATTENDING WILL RECEIVE A T-SHIRT.)



# **Meet the Region IV 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 IV Pediatric Team.

#### CHRISTOPHER TRUITT, BS, NRP, CPSL

CITY OF SALISBURY PEDIATRIC EMS CHAMPION

CHRISTOPHER TRUITT, BS, NRP, CPSL is one of the Pediatric EMS Champions for the City of Salisbury. He serves as the Assistant Chief of EMS for Salisbury Fire Department. Chief Truitt is passionate about pediatrics and wants to help EMS clinicians to feel confident and capable when caring for



them in the pre-hospital setting. Additionally, Chief Truitt has an interest in mental health/wellness. He acknowledges that while the career can take a lot, he loves the fact that every call is an opportunity to

See Truitt page 16

#### MIRANDA WEBSTER, NRP, CP-C

CITY OF SALISBURY PEDIATRIC EMS CHAMPION



MIRANDA WEBSTER, NRP, CPC is a Pediatric EMS Champion for the City of Salisbury. She is a Firefighter/Paramedic for Salisbury Fire Department. As Miranda has a special interest in community paramedicine and critical care, she also works with the Salisbury Wicomico First-care Team, SWIFT, responding

to lower-acuity 9-1-1 calls with a nurse practitioner. Miranda also recently passed the IBSC Community Paramedic exam and is now a Board-Certified Community Paramedic!

See Webster page 16

#### MIKE BRAMBLE, CRT-I

DORCHESTER COUNTY PEDIATRIC EMS CHAMPION

MIKE BRAMBLE, CRT-I is the Dorchester County Pediatric EMS Champion. In addition to his job responsibilities as a medic, Mike assists with EMS education and teaches CPR, ACLS, and PALS. He became interested in working with the Maryland EMSC Team to help his community by furthering the



availability of pediatric education to fellow healthcare clinicians.

Favorite thing about his career? Mike loves helping people in their time of need and making a dif-

See Bramble page 16

#### RICHARD KOCH, SR., NRP

TOWN OF OCEAN CITY PEDIATRIC EMS CHAMPION



RICHARD KOCH, SR., NRP is the Pediatric EMS Champion for the Town of Ocean City. He serves as the Battalion Chief for Ocean City Fire Department and is a member of both the Galena VFC and Showell VFC.

Chief Koch has been a Pediatric EMS Champion since the program began in Maryland.

While he says it was because of the great people involved in the EMS for Children Program, the reality is that Chief Koch has long been an advocate for the care of pediatric patients. He has served as a Pediat-

See **Косн** page 16

#### Webster...

(Continued from page 15)

Miranda shares that being in EMS was a natural choice for her. Her father, also a Paramedic, teaches in the Paramedic program at Wor-Wic Community College, while her mother is a nurse who works with women and children in the health department.

Growing up, Miranda loved playing sports like soccer, field hockey, and softball. If she were to have a superpower, Miranda would choose invisibility. "Being 4'11", it's already easy to sneak around people – invisibility would make it even easier," she says.

When not at work, Miranda loves spending time with her family

and taking walks. Her family motto is, "Go out and make your own name for yourself – just make it a good

one!" A fun fact about Miranda – she can play five different musical instruments. ■

#### TRUITT...

(Continued from page 15)

make a positive impact when someone is having their "worst day."

As a child, Chief Truitt enjoyed playing with Transformers and He-Man. He revealed that his first job was as a "sandwich artist" at a Subway located in a gas station. If he could meet anyone for a cup of coffee, Chief Truitt shares he would

choose Robin Williams, noting "the man was a treasure."

Outside of the fire department, Chief Truitt reports that he plays a lot of Destiny 2 or rides his bike if the weather is nice. Additionally, he takes part of two podcasts. In the "Mythic Giraffe Podcast", he talks about "nerd stuff," while the second podcast, "Behind the Line", is dedicated to the more serious topic of first responder mental health.

#### Косн...

(Continued from page 15)

ric Education for Prehospital Professionals (PEPP) Course Coordinator and routinely teaches with the Maryland EMSC Team.

Chief Koch shares that he loves his career because of the people that he has met, worked with, and taught. He says that if he came with a warning label, it would read, "I see everything."

For Chief Koch, it is all about family. When not at work, he enjoys spending time with his grandkids.

He loves going on family vacations and celebrating all of the holidays together. Chief Koch shares that if he had a superpower, it would be to have more energy, just so he could keep up with the grandkids! ■

#### Bramble...

(Continued from page 15)

ference. However, when not at work, Mike enjoys creating floral design – which makes sense, as he discloses that he is a florist, owning a local store.

Growing up, Mike enjoyed riding his bike and playing hide-and-seek. His favorite subject in school was music/band. Best piece of advice he ever received? Treat others as you want to be treated. ■



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# MID-ATLANTIC TRANSPORT CONFERENCE

20 23



# MARCH 6TH & 7TH, 2023

Maritime Conference Center 692 Maritime Boulevard Linthicum Heights, MD 21090

Register Here



# **MARCH 6TH 2023**

#### **WORKSHOP DAY**

# Pre-conference Workshops (Pre-registration required)

#### 0800-1200

#### Just a fancy BVM- A mechanical ventilation workshop

Mechanical ventilation is an essential skill for any provider who has advanced airway management as a part of their scope of practice. Mechanical ventilation is a great equalizer in the transport environment. Through a mix of both lecture and hands-on manipulation of the ventilator this workshop will provide foundational knowledge of mechanical ventilation. Then after we set the foundation, we will utilize lung simulators and case studies to solidify your newfound knowledge and prepare you for your next intubated patient.

#### 0900-1200

#### Surgical Airway Workshop

Surgical airways are a high-risk low frequency procedure that can be the difference between life and death. Throughout our presentation, we will review the indications, relative contraindications, overview of open surgical cricothyrotomy, and overview of needle cricothyrotomy. Attendees will participate in a lung lab that will show the effects of various oxygenation techniques on fresh lungs in a vacuum chamber.

#### 1300-1500

#### Leadership workshop

The past few years have put tremendous strain on our staff, our programs, and on our leadership. This workshop will help to prepare new leaders and strengthen seasoned leaders with the tools to lead effectively and sustainably even in these challenging times. Shawn Trautman- Nurse Leader for the Lifeline Critical Care transport team and the Johns Hopkins Bayview Neurosciences unit, will facilitate this workshop focusing on the:

- · Character and tools of a leader
- Decision-making in leadership
- The Leader as an educator.

#### 1300-1700

#### Point of Care Ultrasound (POCUS) Workshop

Point of Care Ultrasound (POCUS) is one of the most powerful diagnostic tools the transport and resuscitation provider can utilize. With practice, a wealth of diagnostic information can be gathered with POCUS that can help guide the care of critically ill patients. During this workshop, we will utilize a combination of both lecture and hands-on practice under the supervision of experienced POCUS providers to introduce basic TTE, lung exam, and FAST exam.

# **MARCH 7TH 2023**

#### **CONFERENCE DAY**

0800-0900	<b>Courageous Care</b> Karen McQuillan						
0900-0915	Break						
0915-1015	Smooth Sailing through the Glottic Opening: Taming the Physiologically Difficult Airway Dr. Ben Lawner	Pediatric Tales from the Darkside Julie Bacon	Shock and Awe: differentiating shock for prehospital clinicians Mustafa Sidik, Dr. Timothy Chizmar Cody Winniford				
	<b>Be Cool Man -or- Aequanimitas</b> Shawn Trautman	STARS: One kid counts					
	Whole blood - worth the sum of its parts? Dr. Zaf Qasim	Niki Shimko					
1015-1030	Break						
1030-1130	Kicking the ass of metabolic acidosis Dan Ruah	A case of knife or death: Pediatric penetrating head	Mission Ready - How Character Drives Outcomes Jim Green				
		trauma- Sara Webb and Nicholas Fatolitis	There's an App For That: How a Mobile Application Improves Medical Operations Gabriel Diamond				
1130-1300	Lunch						
1300-1400	Failing to rescue: the continuing challenge of managing torso hemorrhage  Dr. Zaf Qasim	Pediatric Trauma Resuscitation: Fluid, Blood, & Prayers Oh My!	The Science of Resuscitation- Why What We do Matters. Dr. Matt Levy				
	Management of the Burn Patient in the First 48 Hugh Cline	David Seastrom	POCUS : What questions are we answering?  Dr. Arissa Torrie				
1400-1415	Break						
1415-1515	<b>Tracheostomy Train Wreck</b> Brian King	t's raining babies: Not all	When The Bite is Bigger Than The Bark. Sarah Anderson and Hollee Russell				
	A Review of Anticoagulation Reversal for Transport Medicine Providers Juliana Zschoche	disasters are created equal Niki Shimko					
1515-1530		Break					
1530-1700	Transport Medicine Panel Discussion						

# Education Descriptions

#### **Courageous Care**

Nursing care can make a lasting difference in the lives of patients and families and takes tremendous courage to deliver. Courageous care requires critical care nurses to care with compassion, maintain a sound knowledge base, renew themselves and serve as leaders. This presentation will emphasize the importance and describe key nurse behaviors of compassionate care.

# Smooth Sailing through the Glottic Opening: Taming the Physiologically Difficult Airway

Intubation of critically ill patients presents multiple challenges for first responders and critical care transport personnel. Even when physiology is optimized, complications such as hypoxia or even peri arrest can occur. Examine best practices for intubating patients on the extremes of physiology and engage in case-based discussion.

#### Shock and Awe: differentiating shock for prehospital clinicians

Review of shock assessment and management for EMS clinicians. Mustafa will lay the groundwork with a review of baseline physiology, Winniford will review assessment and exam findings, and Dr. Chizmar will discuss EMS interventions and treatment, along with emerging trends/research related to shock.

#### Pediatric Tales from the Darkside (Pediatrics)

TARS: One kid counts (Pediatrics)

#### Be Cool Man -or- Aequanimitas

Building on a classic speech from a founding Johns Hopkins Physician, William Osler, this presentation will describe the need and the tools to stay calm and take control of stressful situations.

#### Whole blood - worth the sum of its parts?

The recent military conflicts have reignited an interest in finding the ideal resuscitation fluid in trauma. Increasing evidence has supported the benefit of early warm fresh whole blood as opposed to component therapy for injured patients. Does this benefit translate back to civilian practice? This talk will cover the fundamentals of whole blood, the current evidence, and future directions.

#### Kicking the ass of metabolic acidosis

Interpretation of an ABG, particularly an acidotic ABG has challenged clinicians for as long as we have had the technology to do an ABG. In this lecture, Dan will utilize a no-nonsense process that will help break down how to identify the acidosis, differentiate the etiology, and finally how to act on your interpritation.

#### A case of knife or death: Pediatric penetrating head trauma (Pediatrics)

#### Mission Ready - How Character Drives Outcomes

Despite any attempt to classify it otherwise - healthcare, especially at the point of contact in first response, is a critically important human experience. After the lights, the sirens, the equipment, and the protocols - it is you and the person depending on you. People are the mission.

This presentation is a discussion on the impact that a first responder's self-awareness, purpose, integrity, and decision-making has on this experience. Leave your ego at the door and leave Mission Ready.

# There's an App For That: How a Mobile Application Improves Medical Operations

Protocols? Policies? Drug Calculators? Checklists? Radio Channels? Medical transport crewmembers have a massive amount of reference information to access to do their job. Unfortunately, reference information is rarely in one convenient place, and clinical calculations have to be performed manually or with a third-party tool. This presentation will discuss a custom solution developed at STAT MedEvac: a mobile application containing all of our reference materials and clinical tools. The app has been successfully deployed and embraced by our medical crew members.

Failing to rescue: the continuing challenge of managing torso hemorrhage Despite advances of in-hospital trauma care, a significant proportion of civilian trauma deaths occur in the prehospital or very early in-hospital setting from noncompressible torso hemorrhage. Management of this type of injury has been difficult, and in some ways is further challenged by our current trauma system setup. This talk will review the challenges of torso hemorrhage, how our current system is not designed to care for this subset of patients, and potential changes that may improve outcomes.

#### Management of the Burn Patient in the First 48

This lecture will cover the basics of burn management in the field & in the early hours of resuscitation.

Pediatric Trauma Resuscitation: Fluid, Blood, & Prayers Oh My! (Pediatrics)

#### The Science of Resuscitation- Why What We do Matters.

What is effective CPR? Why do we do what we do in a code? What is science and what is a myth? Join us for this brief discussion of the latest data and what it means for you the next time you run an arrest.

#### POCUS: What questions are we answering?

Point of care ultrasound (POCUS) it the new cool toy for Christmas that everyone wants but will it get used every day or will it get put to the side after and bit and you will have more fun playing with the box? This lecture will explore the questions that POCUS can answer and the questions it cannot. Because, if mom and dad (your leadership) buy you the cool new toy and you like playing with the box more then the present they are going to be pretty upset.

#### When The Bite is Bigger Than The Bark.

This presentation will work in several parts; We will start with a brief case review of a recent traumatic canine attack that required critical care transport via air. We will then discuss the difficult airway and soft tissue trauma that required care. The second half of this presentation will provide an overview of the formal debrief performed after this event and specifically, the use of the dogs to provide support and stress relief to EMS providers. Even in the toughest cases, the dogs can provide necessary support.

It's raining babies: Not all disasters are created equal (Pediatrics)

#### **Tracheostomy Train Wreck**

Tracheotomy complications can bring anxiety to even the most experienced providers, being prepared how to manage complications when they arise can determine the patient's outcome. This lecture will discuss the indications of tracheostomies, the assessment and management, and troubleshooting of tracheostomy complications.

# A Review of Anticoagulation Reversal for Transport Medicine Providers

This presentation will cover the approach to anticoagulation reversal, clinical pearls related to reversal products, and the recommended monitoring parameters while transporting a patient receiving these therapies.

#### **Transport Medicine Panel Discussion**

Have you ever wanted to pick the brain of the receiving physician or had some burning question for your medical director about how you should approach a certain patient? well, this is your chance we have put together a panel of experts who will share their knowledge with attendees. We will ask this panel to debate and discuss the care and treatment of a number of different patient scenarios with the hopes of getting a glimpse into their thought process.



# **MARYLAND STARS OF LIFE AWARDS**

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 <a href="mailto:awards@miemss.org">awards@miemss.org</a>.

#### 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: <a href="http://www.miemss.org/home/documents">http://www.miemss.org/home/documents</a>

# The Right Care When It Counts



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

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: <a href="http://www.miemss.org/home/documents">http://www.miemss.org/home/documents</a>





# Maryland Fire Chiefs Association



# **HOGLUND OFFICERS SEMINAR 2023**

March 4th & 5th - 08:00 to 16:00

#### **University of Maryland at Shady Grove**

Shady Grove Conference Center - 9630 Gudelsky Drive Rockville, Maryland 20850

**WHO SHOULD ATTEND:** If you are a leader in your department (Fire Chief, Chief Officer, Company Officer, Senior Leader, or <u>you aspire to be</u>, **you need to be here!** 

\*\* You **DO NOT** need to be an officer to attend this seminar

**Saturday, March 4th 08:00 – 16:00** 

#### **KEYNOTE:**

Dan Shaw, Assistant Fire Chief

Fairfax County Department of Fire & Rescue Department

# COURSE DESCRIPTION: JUST BE THE LEADER

**Dave Downey, Fire Chief (retired)** 

Miami-Dade Fire Rescue

Leaders must understand how their intentions as well as their actions define them. This interactive presentation will discuss the importance of becoming a student of leadership, continually developing yourself and refining techniques to lead the men and women in our fire service.

Sunday, March 5<sup>th</sup> 08:00 – 16:00

#### DECADES OF LEADERSHIP AND SERVICE

**Frank Leeb**, Deputy Assistant Fire Chief Fire Department of New York (FDNY)

Drawing on his more than two decades of leadership in the FDNY and more than 38 years of combined career and volunteer firefighting experience, Chief Leeb will deliver real world lesson learned and best practices. Each of the examples presented will be from his personal experience. Chief Leeb will

emphasize the importance of the winning mindset, playing to win, training, teamwork, fireground strategy and tactics, large scale emergency response, extinguishment, search and safety cultures and how they coexist for optimal outcomes, problem solving, leadership development, decision making, how process drives outcome, understanding and working with the media, health wellness and cancer in the fire service, improving soft skills, the power of knowing what you don't know, staying learnable and motivating your team. From the chief to the proby, you will leave this presentation motivate and better prepared for any emergency response.

#### \*\* Lunch provided both days

# REGISTER AT MFRI'S SEMINAR PAGE: https://www.mfri.org/training/seminars/



#### Winterfest...

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RN, CEN, CPEN, NRP, FAEN, Acting Director of Emergency Services for UMMS Shore Health, discussed the implications of "When Animals Go Wild" for EMS clinicians. Associate State EMS Medical Director for Pediatrics Dr. Jennifer Anders also led a dynamic session on the delivery of pediatric high-quality CPR in out-of-hospital settings. Other breakouts included: "The Beating Heart" (led by UMMS Emergency Department Base Station Medical Director Dr. Kevin Pearl); "Advanced Airway Management: Trauma" (Cody Winniford, BA, EMT-P, CCP-C, FP-C, PHI Air Medical, and Bill Jansen, EMTP, FPC, Maryland State Police SOD); "Pelvic Injuries: EMS Triage to Temporizing/Definitive Surgical Management" (R Adams Cowley Shock Trauma Center

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Orthopaedic Trauma Fellow Dr. Peter Mittwede, PhD); and "LEADing Forward: How EMS Clinicians Can Interact with Individuals with Intellectual and Developmental Disabili-

ties" (Montgomery County Fire and Rescue Service ALS Education Coordinator Rae A. Oliveira, NRP, RN).

MIEMSS ALS Clinician Manager Peter Fiackos, NRP. opened Sunday's daylong plenary session with "Reassessing Ongoing Assessment", an exploration of important elements of patient care, such empathy, that go beyond simply monitoring numbers. State EMS Medical Director Dr. Timothy Chizmar's subsequent presenfocused tation recognizing on avoiding and common er-

rors in medical decision-making in the interest of patient safety. Tim Kerns, PhD, and Cynthia Spriggs of the Maryland Highway Safety Office joined R Adams Cowley Shock Trauma Center Assistant Professor of Surgical Critical Care Dr. Margaret Lauerman for an informative presentation on "Pedestrian Injuries & Fatalities in Maryland", while MIEMSS Region III Medical Director Dr. Matt Levy rounded out the day's programming with "Hemorrhage: The Silent Killer".

For first-time attendee Amanda Marcinowski, this year's program

provided valuable knowledge and skills she will carry into the field in her new role as a Paramedic for Talbot DES. for Lyles, Paramedic from Maryland's Shore and a longtime this year's Winterfest EMS once again delivered the difregional perspectives that have kept him back time and again. For another longattendee. Trego, CRT with Sing-Volunteer erly Fire Company in Cecil County, the return to an in-person setting

County Meanwhile, Henry Western attendee. ferent coming time Kay

> meant more than just high-quality continuing education; it also afforded the enjoyment of fun and friendships that are best served by face-toface contact.

> Perhaps Chiccone, who served on the Winterfest EMS faculty since 2007, best summed up the program's benefits for newbie and seasoned attendees alike. "It keeps me at the top of my game," he said.



"Maryland, as a state, has the best EMS system in the country, It is a model that other states emulate, and that's all because of you. It's because of what people do in the field every single day."

#### DR. TED DELBRIDGE

MIEMSS Executive Director