

Maryland EMS News

For All Emergency Medical Care Clinicians

Vol. 45, No.3

March 2019

National EMS Week 2019

This year marks the 45th annual National EMS Week during May 19 - 25, 2019. In 1974, President Gerald Ford authorized EMS Week to celebrate EMS clinicians and the important work they do in our nation's communities. This observation ensures that the important contributions of EMS clinicians in safeguarding the health, safety and wellbeing of their communities are fully celebrated and recognized. This year's EMS Week theme is EMS STRONG - "BEYOND the CALL."

EMS Week brings together local communities and medical personnel to honor the dedication of those who provide the day-to-day lifesaving services of medicine's "front line." Whether celebrated with an open house, an awards ceremony or even quiet reflection about what it means to be an EMS clinician,



EMS Week is the perfect time to recognize EMS and all that its personnel do for our state and nation. In Maryland, MIEMSS recognizes EMS clinicians, as well as members of the public for their extraordinary actions in caring for others with the annual Stars of Life Awards and Right Care When It Cares.

Nominations are reviewed by a statewide committee and the award ceremony takes place during EMS Week.

This year, five days of EMS Week have a theme that represents the diverse nature of EMS.

- **Monday** - EMS Education Day
- **Tuesday** - Safety Tuesday
- **Wednesday** - EMS for Children Day
- **Thursday** - Save-A-Life (CPR and Stop the Bleed) - "National Stop the Bleed Day"
- **Friday** - EMS Recognition Day

National Distracted Driving Awareness Month

April is National Distracted Driving Awareness Month and April 8-15, 2019, is the National Enforcement Mobilization event. Distracted driving is any activity that diverts attention from driving, including talking or texting on the phone, eating and drinking, talking to other people in the vehicle, using the entertainment or navigation system – anything that takes attention away from the task of safe driving.

Texting is the most alarming distraction. Sending or reading a text takes your eyes off the road for at least 5 seconds. At 55 mph, that's like driving the length of an entire football field with your eyes closed. You cannot drive safely unless the task of driving has your full attention. Any non-driving activity you engage in is a potential distraction and increases your risk of crashing.

U Drive - U Text - U Pay is this year's campaign centered on aiding law enforcement officers in keeping distracted drivers off the road. This campaign is targeted to men and women 18 to 34 years old. It is important to raise awareness in your community about the consequences of texting while driving. The Maryland Trauma Quality Improvement Committee will be presenting displays and awareness events at trauma centers around the state. These displays will present information regarding distracted driving with demonstrations and materials for hospital personnel as well as the general public.



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The Maryland-National Capital Region Emergency Response System (MDERS)

The Maryland-National Capital Region Emergency Response System (MDERS) is a federally funded program administered by MIEMSS. The organization integrates fire, rescue, emergency medical services, law enforcement, emergency management, public health, and health care systems to ensure a coordinated response to emergency incidents. The program provides direct support to the Maryland-National Capital Region (MD-NCR), which includes Montgomery and Prince George's counties.

The MDERS was established to optimize responses to emergency incidents through communication, collaboration, coordination, and partnership of multiple agencies, disciplines, and jurisdictions. A Steering Committee of representatives from five core disciplines (emergency management, fire/EMS, hospitals, law enforcement, and public health) provides strategic direction for the program. The committee membership includes state officials in addition to representatives from Montgomery and Prince George's counties.

The direction of the MDERS Steering Committee is carried out by a full-time staff of 10 that includes a Director; Program Managers; Planners; a Financial Administrator; and Logistics, Training, and Exercise Coordinators. MDERS' main office is co-located with MIEMSS Region V in College Park, and an adjunct office is located in the Montgomery County Public Safety Headquarters in Gaithersburg.

MDERS staff work with Steering Committee members and stakeholders to coordinate strategic planning, information sharing, training, exercises, and equipment acquisition. To achieve these outcomes MDERS applies three distinct tools to define capabilities, identify gaps in emergency response, and construct a map to solutions.

The Homeland Security Exercise and Evaluation Program (HSSEP) places emphasis on the crawl, walk, run method. MDERS uses this model to initiate the capability assessment within a discipline. Constructing a workshop focused on a specific incident or stated

need, staff is able to develop and deliver a set of questions to assess and identify gaps. From that set of facts, MDERS staff initiate the capability development plan method. This method includes planning, organizing, equipping, training, exercising, and evaluation (POETTE) as the basis for improvement. Capability Development Planning (CDP) is an efficient and effective method to gather facts from a discipline, separate and assign information into an organized plan, and deliver a map for implementation. Other advantages of the CDP process include varying workgroup sessions to optimize time and effort, a product that can be replicated for a variety of needs, and a metrics to measure the output and outcome.

An example of the application of this process to enhance response coordination, MDERS delivered a CDP document for the Incident Command System to our stakeholders. From that document, three distinct projects were implemented in the MD-NCR: Emergency Public Health Incident Command System training, purchase of an emergency response vehicle, and supplies to support a mobile incident command post.

Both fire departments within the region implemented tabletop training programs focused on emergency medical supervisors' capabilities to manage a mass casualty event. In addition, both fire departments developed command officer competency training simulation labs for developing the knowledge, skills, and abilities of incident commanders.

MDERS has a set of resources available on their web site (www.MDERS.org) If you have any questions about MDERS, the capability development plan process, or specific projects, please contact Program Manager Michael McAdams at Michael.mcadams@maryland.gov or the Region V office.

◆ Mike McAdams



MDERS supports and enhances emergency response coordination within the region by training of stakeholders, purchasing of an emergency response vehicle, and supplies for a mobile incident command post. Photo credit: Mike McAdams



Training during a tabletop exercise assists fire departments in the ability to operate during an emergency medical mass casualty event. Photo credit: Mike McAdams



Upcoming Pediatric Education Opportunities

- April 18, 2019**
ENA by the Bay 2019
 Location: Maritime Conference Center, Linthicum, MD
 Register online at:
<https://www.eventbrite.com/e/maryland-ena-by-the-bay-ickets-57050050236>
- April 19, 2019**
Mid-Atlantic Transport Conference
 Location: Maritime Conference Center, Linthicum, MD
 Register online at:
<https://www.eventbrite.com/o/18732975292>
- April 24-28, 2019**
EMS Care 2019
Preconference Offering: CPEN Review Course (RN Certification)
 Location: Clarion Hotel, Ocean City, MD
 For EMS Care information visit www.miemss.org
 To register for CPEN Course, please visit
<https://eereg3.wufoo.com/forms/cpen-review-course-april-2019/>

For more information, email pepp@miemss.org

2019 Educational Programs SAVE THE DATES

- April 8 - 9, 2019**
Delmarva Safety Association's Health and Safety Conference
 Clarion Resort Fontainebleau Hotel, Ocean City, Md.
- April 25 - 28, 2019**
Maryland EMS Care 2019
 Clarion Resort Fontainebleau Hotel, Ocean City, Md.
- May 1 - 2, 2019**
The Maryland RA Spring 2019 Two-day Resuscitation Academy
 Howard County Public Safety Training Center,
 Marriottsville, Md.
- June 15 - 20, 2019**
Maryland State Firemen's Association Annual Conference and Convention 2019
 Ocean City, Md.



Licensure and Certification

TIDBIT

Attention ALS Providers!

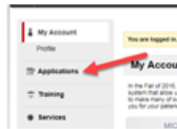
ALS providers whose licenses are expiring

April 30, 2019

Your renewal application is now available!

You can access it by logging in to www.miemsslicense.com

1. Click Applications Tab >>
2. Then click the Apply Now button next to the Application for Renewal.



Application for Renewal Paramedic:
This application MUST be received by MIEMSS at least 14 days prior to expiration of your current Paramedic license. 55 days until application period closes

If you have any questions, contact MIEMSS Office of Licensure and Certification at 800-762-7157 or 410-706-3666.



April 24-28, 2019
Ocean City, Maryland

To register for EMS Care 2019 go to:
<https://bit.ly/2V5RkJW>

Dr. Richard L. Alcorta Receives the American Trauma Society (ATS), Maryland Division 2019 Distinguished Service Award



Dr. Richard L. Alcorta, retired State EMS Medical Director, receives the Maryland Division of the American Trauma Society (ATS), Maryland Division Distinguished Service Award for 2019 from Jim Brown, ATS Board member.

Dr. Richard L. Alcorta, retired State EMS Medical Director for the Maryland Institute for Emergency Medical Services Systems (MIEMSS) recently received the Distinguished Service Award for 2019 from the American Trauma Society (ATS), Maryland Division. The award recognizes efforts of service to the community, citizens

of Maryland, and support of trauma and injury prevention related activities. He was recognized for his work in injury prevention and dedication to Maryland's Trauma and EMS system.

Dr. Richard L. Alcorta was recognized for his dedication to serving the citizens of Maryland through his work within the trauma and EMS community. He has trained countless EMS clinicians, hospital personnel, and citizens in emergency care and response. Dr. Alcorta was also instrumental in working with legislation on strong helmet laws over the years. Dr. Alcorta started his EMS career as an Emergency Medical Technician-Ambulance (EMT-A) and went on to become a Paramedic in California. He received his Bachelor of Science degree at San Diego State University and in 1983, graduated from Howard University School of Medicine. He completed his Emergency Medicine Residency at Harbor-UCLA Medical Center. From 1992 to 1994, he served as the State EMS Director and in 1995 was appointed as the State EMS Medical Director at MIEMSS. Before his recent retirement, he also served as Co-Acting Executive Director of MIEMSS, with Pat Gainer, the other Co-Acting Executive Director.

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. This year marks 51 years of commitment by the ATS to saving lives, improving trauma care, and injury prevention.

Outdoor Temperature Displays

An Outdoor Temperature Displays has recently been purchased and is located at Meritus Hospital/ Safe Kids Washington County. It was demonstrated during the Miltenberger Emergency Services Seminar in early March. These displays are used at EMS and hospital conferences, as well as a number of county Fire and Rescue open house displays. These are used to educate the public and medical professionals about the danger of heatstroke to children when left in cars. One is located at the MIEMSS Child Passenger Safety (CPS) office, one is located in Cecil County Department of Emergency Services, and one is located in Prince George's Fire and EMS Department, in addition to the new one for western Maryland. To request training on how to use these displays and to schedule one for your event - email cps@miemss.org.



Chilly weather can STILL produce much warmer cars!! Notice that the outdoor temperature display at the Miltenberger Emergency Services Seminar at Rocky Gap Resort in Western Maryland (bottom number) versus the in-the-car temperature (top number). NEVER leave your child alone in the car!!

Active Assailant Interdisciplinary Work Group Workshop

On Friday, February 22, 2019, the Active Assailant Interdisciplinary Work Group held a statewide workshop in Annapolis. This workshop covered material regarding active assailant related plans, tools, and best practices. Federal experts provided information on active assailant behavior traits and threat assessments. Officials from Harford and Anne Arundel counties presented first-hand experience of active assailant events that have occurred in Maryland. The workshop also included a presentation from the Texas Department of Safety on their experiences at the Southerland Springs Church shooting.

Lt. Governor Boyd K. Rutherford, MIEMSS Executive Director Dr. Ted Delbridge, Maryland State Police Superintendent Colonel William Pallozzi, and Homeland Security Adviser/Deputy Chief of Staff Walter "Pete" Landon addressed the group. Representatives from hospitals, public/private education, federal, state, local fire, EMS, emergency management, and law enforcement and other organizations were in attendance.



Lt. Governor Boyd Rutherford addresses the attendees during the opening remarks.



From left to right, MIEMSS Executive Director Dr. Ted Delbridge, Maryland State Police Superintendent Colonel William Pallozzi, Maryland Homeland Security Adviser/Deputy Chief of Staff Walter "Pete" Landon, and Lt. Gov. Rutherford attend the workshop.



Presentations were delivered on active assailant events that have occurred in Maryland and across the country.

Maryland Pediatric Cardiac Arrest CARES Data Presented at NAEMSP Conference

The Pediatric High Performance CPR (HP CPR) team recently collaborated to study pediatric cardiac arrests across Maryland in 2017 using CARES data. This data was presented at the National Association of EMS Physicians (NAEMSP) conference in Austin, Texas in January 2019. The team, led by Karen O'Connell MD (Associate Pediatric EMS Medical Director in MIEMSS Region V), is a partnership between PEMAC (Pediatric Emergency Medical Advisory Committee), Maryland CARES (Cardiac Arrest Registry to Enhance Survival) team and the Cardiac Arrest Steering Committee.

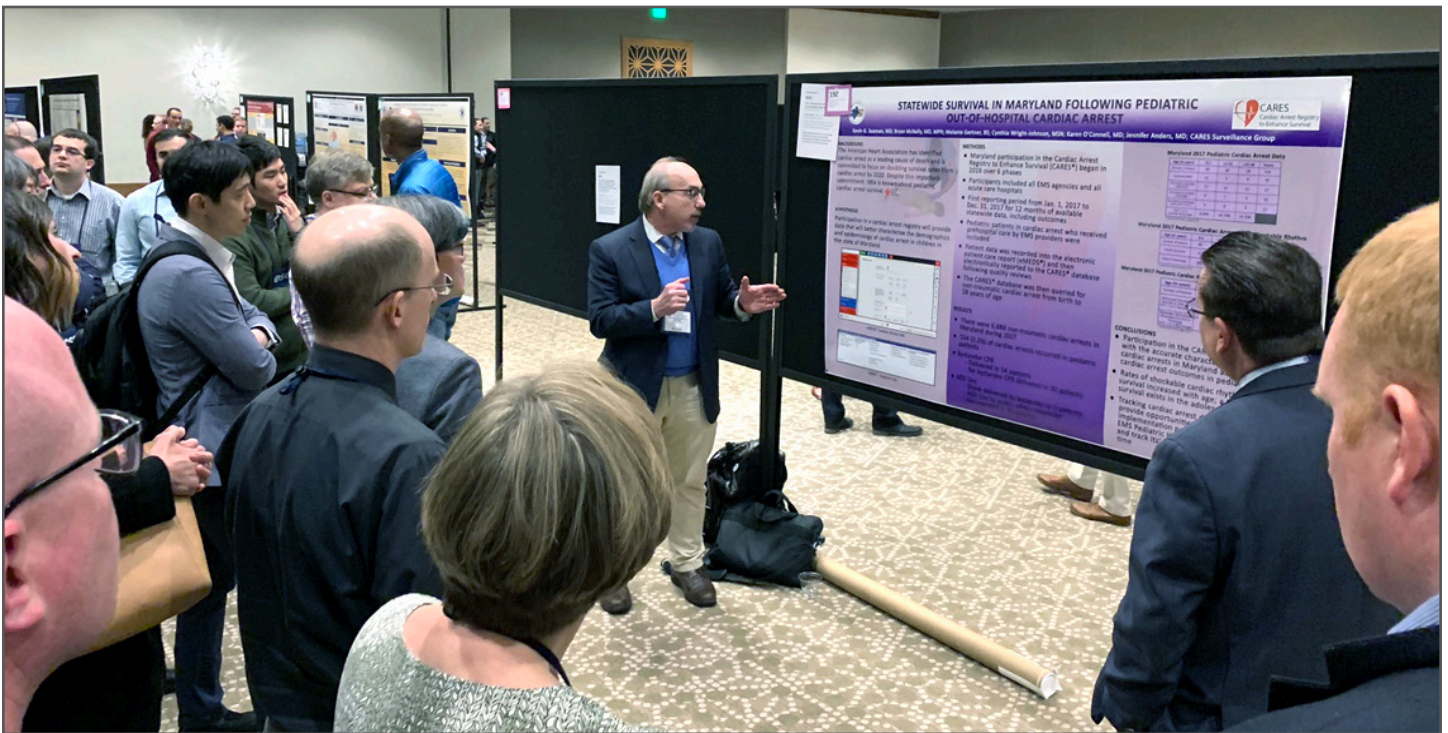
The data validated what is known about pediatric cardiac arrests: from birth to 1 year of age, non-cardiac causes (primarily hypoxic/respiratory) are the most common and survivors most frequently present with non-shockable rhythms. In addition, the data revealed two important, previously unrecognized trends in pediatric cardiac arrest. As patient age increased, there was a higher frequency of both shockable rhythms (primary cardiac cause) and bystander CPR. Overall survival for shockable rhythms in the adolescent population was 50%. The data suggests that focusing primarily on high quality CPR and early defibrillation on scene (when applicable) may be the cornerstones of improving survival for the majority of children who suffer cardiac arrest, especially in the adolescent age group. Tracking pediatric cardiac arrest data through CARES provides not only a better understanding

of the nature of cardiac arrest in children, but also gives guidance to educational and quality improvement programs throughout Maryland and assists with tracking their impact on survival over time.

The Pediatric HP CPR team also held workshops across Maryland in 2018, at EMS Conferences including Winterfest, Miltenberger Emergency Services Seminar, and EMS Care. The didactic lecture was then converted into both a movie file located on the MIEMSS YouTube account (www.youtube.com/user/MarylandEMS) and a MIEMSS Online Training Center offering for EMS professionals. During the fall and winter 2018-2019, additional workshops were offered in each region to provide hands on training with QCPR manikins. Both high fidelity and moderate fidelity manikins provided feedback on ventilation and compression accuracy for infant and child CPR. Workshops were held in Allegany, Washington, Wicomico, Talbot, Prince George's, Calvert Counties, and Baltimore City. The Maryland Pediatric EMS Champions in each jurisdiction have the teaching materials to continue to provide workshops at the local level.

All Maryland EMS clinicians are encouraged to take the opportunity to participate in a Pediatric HP CPR in their area and learn the latest techniques on how to improve the survival of children suffering cardiac arrest.

◆ Dr. Kevin Seaman



Dr. Kevin Seaman, chairman of the Cardiac Arrest Steering Committee, discusses the work regarding the study on pediatric cardiac arrests using CARES data during the National Association of EMS Physicians (NAEMSP) conference. Photo credit: Dr. Roger Stone

Measles: Pearls for the Prehospital Clinician

Mustafa M. Sidik

EMS Infectious Disease Program

Due to the recent outbreaks of measles in the New York and New Jersey areas, as well as in other regions of the country, MIEMSS urges prehospital clinicians to consider the potential for measles infection in their patients, while using the criteria to the right as a reference. While treating patients suspected of having measles, EMS clinicians should follow State EMS and appropriate infection control protocols. If a patient is suspected of having measles, appropriate PPE should be donned immediately, and the receiving hospital should be contacted via EMRC so that they may prepare for the incoming patient.

PPE Recommendations: Immediately after measles is suspected, providers should don gloves, gowns, eye protection, and N-95 or equivalent respirators.



Who: Although ANY individual can present with the symptoms of measles, the following are at a higher risk for severe complications:

- Infants & children aged less than 5 years
- Adults aged greater than 20 years
- Pregnant women
- People with compromised immune systems, such as patients with leukemia and HIV infections

What: Measles is an acute viral respiratory illness. It has an incubation period of 10 to 12 days. It initially presents with a very high fever (**103° F** or higher), along with **ALL** of the following:

- **Cough**
- **Coryza (Stuffy & Runny Nose)**
- **Conjunctivitis**

The typical rash appears approximately 14 days after the patient is exposed, and the patient is contagious from 4 days before to 4 days after the rash appears.

When: Infection transmission can occur via **direct contact** with an infected individual or by **airborne particles** expired when an infected patient breaths, coughs, or sneezes. **Measles virus can remain infectious in the air for up to two hours after an infected person leaves the area.**

Where: Although recent outbreaks have most recently occurred in New York and New Jersey, sporadic measles cases have also been documented in the past in other states, including Maryland.

Why: Measles is an incredibly infectious and deadly disease that can spread quickly and can be potentially deadly if not recognized early.



CONSIDER MEASLES

in patients presenting with febrile rash illness and clinically compatible measles symptoms (cough, coryza, and conjunctivitis)



Ask patients about recent travel internationally or to domestic venues frequented by international travelers, as well as a history of measles in the community.

MEASLES

is **highly contagious** and spreads through the air when an infected person **coughs or sneezes**.



It is so contagious that if one person has it, **9 out of 10 people** of all ages around him or her will also become infected if they are not protected.



Do you know CDC's Guidelines for Patient Evaluation, Diagnosis & Management?

www.cdc.gov/measles/HCP/



THINK MEASLES





Point/Counterpoint XXXVIII Resuscitation 2019

May 13-14, 2019

Baltimore Marriott
Inner Harbor
at Camden Yards



To register:
MDCOT.org



**2019 ANNUAL
MEMORIAL SERVICE
SUNDAY AT 2PM
JUNE 2ND, 2019**

**SUPPORT “BUY A
BRICK” CAMPAIGN**

www.mdfirerescuehero.org



1997 - 2017
Commemorating
20 Years of Dedicated
Service



Advanced Disaster Life Support Course

(Requires Successful Completion of the BDLs Course)

Course Date and Time

May 30 and 31, 2019
8:00 a.m. – 5:00 p.m.

Course Location

Maryland Fire and Rescue Institute
4500 Campus Drive
College Park, MD 20742

Register at: <http://register.ndlsf.org>

(use Chrome or Firefox web browser)

Enrollment Code is required to register for the course

Contact Chris Hyzer for the Code @ chyzer@miemss.org

THERE NO COST TO THE STUDENT FOR THIS COURSE

The Advanced Disaster Life Support™ (ADLS®) Course is an intense 2-day course for 25 students that allow participants to demonstrate competencies in mass casualty management. The ADLS Course requires students to apply knowledge learned in the Basic Disaster Life Support™ (BDLS®) course. Core education elements include four interactive lectures. Essential training components include mass casualty and situational training exercises, personal protective equipment skills performance and decontamination, casualty management in small groups with simulated scenarios.

Successful completion of the BDLs course is a prerequisite for attendance at the ADLS course. The ADLS course target audience includes physicians, nurses, physician assistants, emergency medical technicians (EMTs), paramedics, pharmacists, allied health professionals, and students in health professional schools.

Questions: Contact Chris Hyzer

Telephone 410-706-0881

chyzer@miemss.org

Sponsored by

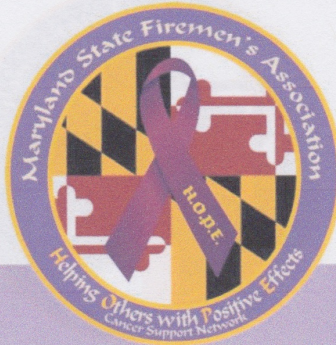
Maryland Regional NDLS Coalition

Johns Hopkins CEPAR, Maryland Fire and Rescue Institute (MFRI),

Maryland Institute for Emergency Medical Services Systems (MIEMSS),

The R Adams Cowley Shock Trauma Center and the University of Maryland Baltimore County (UMBC)

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Medical Association of Georgia through the joint providership of Southern Alliance for Physician Specialties CME and the National Disaster Life Support Foundation. The Southern Alliance for Physician Specialties CME is accredited by the Medical Association of Georgia to provide continuing medical education for physicians. The Southern Alliance for Physician Specialties CME designates this live activity for a maximum of 15.0 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.



visit us:

[/MarylandStateFiremenAssoc](https://www.facebook.com/MarylandStateFiremenAssoc)
www.msfa.org

MARYLAND STATE FIREMEN'S ASSOCIATION CANCER SUPPORT NETWORK

4th Annual
Courage Awareness
5k Walk
Annapolis, MD

Sunday, April 28th 2019

REGISTRATION BEGINS at 7:00AM with Walk starting at 8:30AM

Maryland Fire-Rescue Services Memorial Park
101 Calvert Street, Annapolis, MD
21401

*Rain or Shine

Early Registration \$25.00 per person/Day of \$30.00 per person
Includes 5K Walk T-Shirt (tickets will be issued)

5K starts at 8:30AM with last walker in by 10:00AM

Questions/Contact Johnie Roth: 202-215-2954 or email: johnie.roth@bccrs.org

Make check payable to Maryland State Firemen's Association, memo: Cancer Support
mail to: Johnie Roth: 19104 Treadway Road, Brookeville, MD 20833

Name: _____

Address: _____ City: _____ State: _____ Zip: _____

Phone: _____ Email: _____

(Circle all that apply.) Choose T-Shirt or Challenge Coin (T-Shirt sizes only guaranteed to pre-registered)

Sex: M or F T-Shirt Size: (Adult sizes) XS - S - M - L - XL - 2X - 3X Challenge Coin

Donations only for Maryland State Firemen's Association Cancer Support Network - \$ _____

I know that running/walking a road race is a potentially hazardous activity. I should not enter and run/walk unless I am medically able and properly trained, with running/walking this event including but not limited to falls, contact with other participants, the effort of the weather, the conditions of the road and traffic on the course, all such risks being known and appreciated by me. Having read this waiver and knowing these facts, and in consideration of your accepting my entry to participate in MSFA 5K Walk, I, for myself and anyone entitled to act on my behalf, waive and release the organizers of liabilities of any kind arising out of my participation in this event even though that liability may arise out of negligence or carelessness on the part of the persons named in this waiver. By signing this waiver and release I certify that I fully understand its significance.

Participant Waiver **Signature:** _____

MIEMSS, *Maryland EMS News*
653 W. Pratt St., Baltimore, MD 21201-1536



Governor Larry Hogan
Lt. Governor Boyd Rutherford

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