

Maryland EMS News

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For All Emergency Medical Clinicians

August 2021

NHTSA Office of EMS Director Dr. Jon R. Krohmer to Retire

DR. JON R. KROHMER, director of the National Highway Traffic Safety Administration (NHTSA) Office of EMS, will retire in November 2021. Dr. Krohmer has 15 years of federal service, including the last five leading the NHTSA Office of EMS. In 2006, he came to Washington to serve as the first deputy chief medical officer for the Department of Homeland Security (DHS) Office of Health Affairs and served in several other DHS roles before joining NHTSA in 2016.

While director, Dr. Krohmer and the NHTSA Office of EMS team completed several major projects, including the creation of EMS Agenda 2050, made major revisions to the National EMS Scope of Practice Model and the National EMS Education Standards, and oversaw improvements in the collection and use of EMS data through the expansion of the National EMS Information System. Most recently, Dr. Krohmer led the prehospital/9-1-1 team as part of the Federal Healthcare Resilience Task Force, soon after the onset of the COVID-19 pandemic.

Prior to joining NHTSA, Dr. Krohmer had experience as a local EMS medical director, initially in his home state of Michigan. His EMS career began as an EMT with a volunteer rescue squad. He attended

medical school at the University of Michigan knowing that he wanted to make EMS his career. He served on the faculty of Michigan State University of College of Human Medicine, where he established an aggressive EMS rotation for emergency medicine residents. After becoming involved in EMS at the state and national level, he also served as president of the National Association of EMS Physicians from 1998 to 2000.

Dr. Krohmer currently serves as the MIEMSS Jurisdictional EMS Medical Director for the Caroline County Department of Emergency Services. After retirement, he plans to move to Michigan. He will be working with Caroline County to help them identify a new EMS Medical Director. ■



DR. JON R. KROHMER

*Director of the National Highway Traffic Safety Administration Office of EMS
[Photo courtesy of NHTSA.]*

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

Maryland Highway Safety Office

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

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

MHSO Announcements

Back to School! As children return to the classroom, please remind your friends, family, and neighbors to watch out for children walking to school, and to stop for school busses.

That sounds like some basic safety tips, but after not seeing children walking to school and school busses for a few months, we can sometimes forget about basic safety guidelines.



Emphasis Area Team Meetings

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

- Impaired Driving: September 20, 2021 – (10:00 a.m. – Noon)
- Pedestrian & Bicycle: September 23, 2021 (1:00 p.m. -3:00 p.m.)

Contact MHSO@mdot.maryland.gov to register.

Motorcycle Safety

DELMARVA Bike Week is scheduled for September 15-19, 2021. Thousands of motorcyclists from Delaware, Maryland, Virginia, and other states will arrive in Ocean City, Maryland, to celebrate all things motorcycle.

A few days before and after the event, you may see large groups of motorcyclists traveling through our State. Please be aware of them and remember that it can be hard to see motorcycles on the highway. It can also be hard to judge the speed and distance of a motorcyclist due to the smaller vehicle size.

Please look twice for motorcyclists and give them space on our shared roadways. For more information about motorcycle safety, go to our website ZeroDeathsMD.gov/Motorcycle.



Child Passenger Safety Week September 19 – 25, 2021

Nearly 50 percent of all car seats are installed incorrectly. Maryland Kids In Safety Seats (MD KISS) will be hosting FREE virtual car seat inspections on Saturday, September 25. For more information or to sign up for an appointment, contact MD KISS at 800-370-7328 or email at mdh.kiss@maryland.gov.

TREATING TRAUMA: CARE ACROSS THE CONTINUUM

Sept. 27, 2021 | 10 a.m. to 3:30 p.m.

The conference will be hosted virtually. Topics include:

Wilderness EMS: Closing Gaps in Care

Presented by: David Fifer, MS, NRP, FAWM
Coordinator, RedSTAR Wilderness EMS



Initial Trauma Evaluation and Management in the Emergency Department

Presented by: Tiffany Andrews, MS, ACNP-C, ENP-C
USACS National APP Education Coordinator



Traumatic Hand Injuries: Evaluation and Management

Presented by: John V. Ingari, MD
Hand and Upper Extremity Surgery
Program Director, Orthopedic Surgery, Sinai Hospital of Baltimore



Traumatic Brain Injuries

Presented by: Samuel Raouf, MD
Neurocritical Care Specialist
The Sandra and Malcolm Berman Brain & Spine Institute
LifeBridge Health



Seeing Through the Crowd: Best Practices for EMS Management of Mass Gatherings

Presented by: Justin B. Brown
Director of Emergency Management
District of Columbia Department of Human Services



**LifeBridge Health team members can register on Healthstream.
All others can register by searching for “Treating Trauma: Care Across the Continuum” on www.eventbrite.com.**

 **LIFEBRIDGE HEALTH.**
CARE BRAVELY



Topics in Trauma

2021 Virtual Trauma Conference

September 10, 2021

This conference is a one-day educational opportunity to provide current issues and trends related to the trauma patient.

Objectives

- Define the role of the OCME
- Define the role of the Deputy Medical Examiner
- State 3 unusual circumstances in trauma when the OCME should be notified.
- State what is an Organ Procurement Organization and what is their role in donation
- What is the need for life saving organs and how they are allocated
- What is the Organ Referral Process
- Define the difference between brain death donation and donation after circulatory death
- Discuss Crystalloid infusion in hemorrhagic shock patients
- Identify emerging roles of whole blood, plasma, and packed red cells in pre-hospital environment
- What is the role of tranexamic acid and vasopressor in trauma patients with hemorrhagic shock

Who should attend

Physicians, APPs, nurses, pre-hospital clinicians and all healthcare providers involved in the care of trauma patients.

Accreditation

This activity has been submitted to the Maryland Nurses Association for approval to award 3 contact hours. The Maryland Nurses Association is accredited as an approver of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

Pre-hospital care clinicians

3 hours of trauma credits will be awarded at the completion of the conference.

Virtual conference

A link will be emailed to participants two days prior to the virtual conference and remain active four weeks after.

Fee

\$10 for all participants.

All proceeds will go to TidalHealth Foundation for trauma education.

No refunds will be granted.

You must attend the entire conference in order to receive your certificate/credit.

Registration link

www.tidalhealth.org/trauma-conference

Accreditation Statement for CME: TidalHealth Peninsula Regional is accredited by MedChi, the Maryland State Medical Society to provide continuing medical education for physicians.

Designation Statement: The Medical Education Team of TidalHealth Peninsula Regional designates this live activity for a maximum of 3 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Disclosure Statement: The planning committee members, speakers and Education Team declare that they do not have a financial interest or relationship with any manufacturer(s) of any commercial product which will be discussed in the presentation.



Topics in Trauma

2021 Virtual Trauma Conference

September 10, 2021

Agenda

0800

Opening Remarks

0810 – 0910

The Organ Donation Process

Melanie Sumlin RN, BSN, CPTC, CTBS

Clinical Supervisor, Organ Recovery

Living Legacy Foundation

0915 – 1015

Scene Inspections-Role of OCME on the Shore

Chris Snyder, DO

Chief Quality Officer TidalHealth Peninsula Regional

1020 – 1120

EMS Resuscitation of Patients in Hemorrhagic Shock

Timothy Chizmar, MD, FACEP

State of Maryland, State EMS Medical Director

Don't forget to complete evaluations

Accreditation Statement for CME: TidalHealth Peninsula Regional is accredited by MedChi, the Maryland State Medical Society to provide continuing medical education for physicians.

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September 18-25, 2021 is National Child Passenger Safety Awareness Week!

Here are some free resources that might help you and your agency:

- New patient handout: “Premature and Small Babies: car seat tips for discharge and the first few car rides” (2-sided, color)
- Other handouts on types of car seats and their use, boosters, teen car safety, and special needs transportation.
- Social media messages for your agency to post (Located on “Maryland EMS” YouTube channel):
<https://www.youtube.com/playlist?list=PL2EzfAa09nJGCNxM6hIBQGxisHdCJfvED> or from the National Highway Traffic Safety Administration:
<https://www.trafficsafetymarketing.gov/get-materials/child-safety/child-passenger-safety-week>
- Online car seat education for expectant parents:
https://www.youtube.com/watch?v=mvf6CS_LBkc&t=4s
- Online personal car seat use/installation assistance: MD Kids in Safety Seats, www.mdKiss.org or 1-800-370-SEAT
- Staff training: online or in-person. Variable lengths.
- Posters on “Ages & Stages” and “Never leave your child in the car”



To order any patient or provider materials, or for any other inquiries, contact
cps@miemss.org or call 410-706-8647.



Bike Safety Corner

THE HELMET FIT TEST CHECKLIST

EYES: You should see the bottom rim of the helmet when you look up. Put the helmet level on your head and adjust the sizing pads and fit ring, if it has one, until the helmet is snug.

EARS: Straps should form a "V" under your ears when buckled. Adjust the slider on both straps so the slider is under, and slightly in front of the ears.

MOUTH: Helmet should hug your head when you open your mouth wide. Center the left buckle under the chin. On most helmets, the straps can be pulled from the back of the helmet to lengthen or shorten the chin straps. Buckle your chin strap and tighten the strap until it's snug.

See the other side of this handout for the *Safe Riding Rules of the Road Checklist*.

MARYLAND EMSC coordinates a Bike Safety Education project funded by Maryland Highway Safety Office. The grant works with Safe Kids coalitions, Risk Watch communities and other injury prevention advocates to distribute bike helmets. With the need for social distancing when distributing bike helmets (a finite number also supported by the grant to coalitions), the project developed a double sided bike safety checklist including personal safety messages and rules of the road messages. Now when a helmet is provided to a child or adult the important educational messages on correct fit and rules of the road are easy to distribute. To request a sample or a set of 25 handouts, email bikesafety@miemss.org. ■

SAFE RIDING RULES OF THE ROAD CHECKLIST

Ride in a straight line, single file.
 Go with the traffic flow. Ride on the right in the same direction as cars.
 Obey all traffic signs and signals.
 Ride with both hands on the handlebars except when signaling a turn or stop.
 Stop and look left-right-left for traffic before entering a street.
 Walk your bike across an intersection.
 Stay alert – use your eyes to look for things that could make you fall, like potholes, cracks, pebbles, or wet leaves.
 Stay alert – use your ears to listen for traffic. Don't wear earphones while riding.
 Watch for parked cars and cars pulling out or into parking spaces or driveways.
 Check your equipment. Make sure your bike tires are properly inflated and that the brakes work. Don't forget your bicycle helmet. Wear it flat on your head and buckled! See the other side of this handout for *The Helmet Fit Test Checklist*.

Searching for Pediatric Continuing Education? Look No Further.

THE MARYLAND EMS FOR CHILDREN DEPARTMENT offers multiple online learning modules on a variety of topics in the MIEMSS Online Training Center located at www.emsonlinetraining.org. This month we will highlight one of these modules – Pediatric Stroke: Time Is Brain (At Any Age!).

Stroke can happen to anyone at any time – including teenagers, children, newborns, and unborn babies. A third of pediatric strokes occur in neonates and infants. Early recognition of strokes in children re-

PEDIATRIC STROKE: TIME IS BRAIN (AT ANY AGE!)

Laney Jaymes Fitzsimons Lecture

Ryan J. Felling, M.D., Ph.D.
 Director, Johns Hopkins Pediatric Stroke Program
 Co-Director, Johns Hopkins Pediatric Neurocritical Care Program

neurologic disability. Presented by Ryan J. Felling, M.D., Ph.D., Director of the Johns Hopkins Pediatric Stroke Program and Co-Director of the Johns Hopkins Pediatric Neurocritical Care Program.

The course offers 0.5 hours of NCCP Individual credit for ALS clinicians and 0.5 hours of Medical credit for BLS clinicians. For more information, please email pepp@miemss.org. ■

quires proper assessment and stabilization along with appropriate triage and transport decisions to minimize


CARES Corner

IN MARYLAND, there were 7,850 total non-traumatic sudden out-of-hospital cardiac arrests for CY 2020. National reports are now available on the CARES website: <https://mycares.net>.

The Bystander CPR Rate and the Public AED Use Rate were calculated in Maryland and at the national level. The Maryland and national rates for 2020 are as follows:

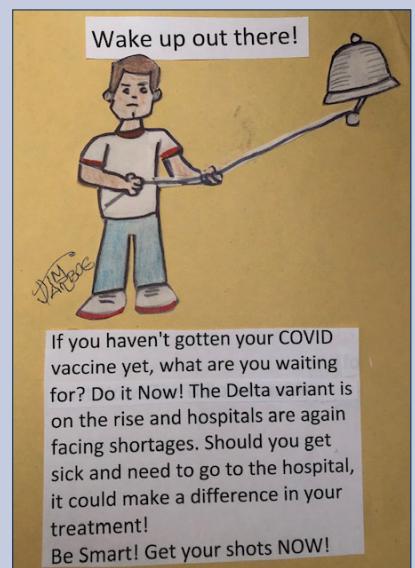
Bystander Intervention Rates

	Maryland	National
CPR	40.7%	40.2%
Public AED Use	9.4%	9.0%

The Bystander CPR Rate is the percentage of those that had CPR initiated by a lay person, lay person family member, or lay person medical provider for those where the arrest occurred prior to 9-1-1 arrival and was not in a nursing home, health care facility, physician's office or clinic.

The Public AED Use Rate is the percentage of those that had an AED first applied by a lay person, lay person family member, or lay person medical provider for those where the arrest occurred prior to 9-1-1 arrival and was not in a home/residence, nursing home, health care facility, physician's office or clinic. ■

Visit MIEMSS online at
WWW.MIEMSS.ORG



Learn more about
COVID-19 vaccination at
<https://covidlink.maryland.gov>

[Artwork courtesy of Jim Jarboe, a retired Montgomery County career firefighter and member for close to 65 years of the Takoma Park Volunteer Fire Department, where he continues to volunteer.]

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Governor Larry Hogan
Lt. Governor Boyd Rutherford

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