EMS CARE 2017

APRIL 26-30, 2017
OCEAN CITY, MD

PRESENTED BY:
MARYLAND'S REGIONAL EMS ADVISORY COUNCILS
THE MARYLAND INSTITUTE FOR EMERGENCY MEDICAL SERVICES SYSTEMS
Maryland EMS Care 2017
April 26 – 30, 2017
at the Clarion Resort Fontainebleau Hotel in Ocean City, Maryland

The Program
Once again, EMS Care is bringing new and exciting nationally-recognized speakers to town, as well as bringing back your favorite presenters from years past. There’s something for everyone—including prehospital EMS providers, nurses, and fire/rescue personnel—at this year’s conference. Two full days of pre-conference workshop offerings will begin on Wednesday, April 26, 2017. Hot speakers on hot topics and an enticing resort setting make this an inviting conference for all emergency medical services providers.

Continuing Education
All workshops have been approved by the Maryland Institute for Emergency Medical Services Systems (MIEMSS) for continuing education for ALS and BLS providers. Throughout the weekend, EMTs can fulfill the 12 hours of didactic (4 Medical, 4 Trauma, and 4 Local) training required for recertification, and a 12-hour EMT skills class will be available as a pre-conference offering. Conference staff will be available on-site to assist attendees with their CEU requirements. For specific questions regarding continuing education requirements, please contact the MIEMSS Office of Licensure and Certification at 410-706-3666 or 800-762-7157.

The Hotel
EMS Care 2017 will be returning to the beautiful Clarion Resort Fontainebleau Hotel located at 10100 Coastal Highway, Ocean City, Maryland, 21842. The room rates for the Conference are as follows: Single/Double $124/night, Executive King $144/night, Studio King $154/night, Cabana $174/night. All rates are based on single or double occupancy; a $15/night charge will be applied for extra persons. Children under 18 stay free in their parent’s room. To receive these rates, you must make your reservations NO LATER than April 9, 2017. After this date, the room rates will return to the prevailing rate. The block of rooms reserved for Conference participants will fill up quickly. For more information or to make your reservations, call 1-800-638-2100 and request the EMS Care group rate or visit the Clarion website (www.clarionoc.com). NOTE: All reservations should be made directly through the Clarion in Ocean City, Maryland. Reservations made through corporate Clarion may not accurately reflect room availability.

Stay for the Fun!
The Conference is located in the heart of beautiful Ocean City. The beachfront hotel is within easy walking distance to many local attractions and just a short drive from the boardwalk, outlet shopping, the all-new Casino at Ocean Downs, and an abundance of fabulous restaurants. If you prefer to stay in, the Clarion offers numerous amenities including an indoor swimming pool, a health spa, a children’s playground on the beach, arcade games, Breaker’s Pub, and their famous “All You Can Eat Prime Rib, Crab Legs, and Seafood Buffet” in the oceanfront Horizon’s Restaurant.
**Vendors**
Vendors from a variety of disciplines will be joining us this year beginning at 6:00 PM on Friday, April 28, followed by our brand-new dessert reception with the vendors from 7:00 PM to 9:00 PM. This free reception will be complemented by coffee, iced tea, and a dessert spread, and a cash bar with happy hour pricing will be available until 9:00! Door prizes and, as always, outstanding fellowship will be provided! Vendors will be displaying from Friday evening until 6:00 PM on Saturday. Be sure to stop by and visit each of the vendors to enter for a chance to win one of three great prizes to be given away during Sunday’s closing keynote session: an all-new Fire HD 8, 32GB 8” HD Tablet; a JBL Charge 3 Waterproof Bluetooth Speaker; or a Google Home, voice-activated speaker powered by the Google Assistant.

**Entertainment**
We are revamping our annual Saturday evening entertainment. Stay tuned to Facebook for updates!

**Fees and Expenses**
This year we are pleased to announce that those registering before April 7, 2017, will receive the discounted “Early Bird” registration rate of $180 for the full two-day conference, or $100 for a one-day Saturday or Sunday registration. Beginning April 8, the standard full two-day (Saturday and Sunday) conference registration fee will be $200, or $110 for a one-day registration (either Saturday or Sunday). This fee includes all expenses for workshops, lectures, AV material, and printing costs. Also included are a continental breakfast and full lunch on Saturday, a full buffet breakfast and lunch on Sunday, as well as morning and afternoon snacks on both days. Pre-conference workshops are offered for additional fees as indicated on the attached registration form.

**Registration**
Registration is limited and on a first-come, first-served basis. **Online registration** for EMS Care is available at [https://eecreg3.wufoo.com/forms/ems-care-2017-conference-registration/](https://eecreg3.wufoo.com/forms/ems-care-2017-conference-registration/). Registrations completed online will receive an email confirmation. All mailed and/or faxed registrations received by April 14, 2017, will receive written confirmation letters. Mailed and/or faxed registrations received after April 14 may not receive confirmations prior to on-site conference check-in. Upon receipt of your confirmation, please review all workshop selections carefully. Any requests for changes to your schedule must be received prior to April 14, 2017, and should be emailed to EMSCare@miemss.org. Requests for refunds must be submitted in writing prior to April 14, 2017. **All cancellations are subject to a 20% processing fee.** You may transfer your registration to another person at no-cost. Returned checks are also subject to a $25 processing fee.

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

**Directions**
Driving directions to the Clarion Resort Fontainebleau Hotel are available on the hotel website at www.clarionoc.com.

**For More Information**
Visit the MIEMSS website at [www.miemss.org](http://www.miemss.org), or follow the Maryland EMS Care page on Facebook.
Pre-Conference Activities

Wednesday, April 26 & Thursday April 27, 2017

**Tactical Combat Casualty Care Course (Weds. & Thurs., 8 AM – 5 PM)**
This year we are VERY excited to once again offer this highly regarded two-day course as an EMS Care pre-conference option. Sponsored by the Center for Sustainment of Trauma and Readiness Skills, The Maryland Committee on Trauma, and the R Adams Cowley Shock Trauma Center, this course is intended for military personnel, tactical and covert operations specialists, law enforcement and public safety officials, first responders, EMTs, and medical and allied health professionals. The first day of this course will be conducted on-site at the Clarion. Day two will involve practical evolutions, which will be conducted at a nearby off-site location in Ocean City. More information regarding course content can be found at [www.mdcot.org/training/tccc](http://www.mdcot.org/training/tccc). Course Fee: $425 {16 hrs, Cat A/T}

Registration for this workshop is being handled by the Maryland Committee on Trauma. Registration information is available by clicking the "Maryland EMS News” link under the “What's New” section of the MIEMSS homepage at [www.miemss.org](http://www.miemss.org).

Thursday, April 27 & Friday, April 28, 2017

**Terrorism: Psychological Impact and Implications (Thurs. & Fri., 8 AM – 5 PM)**

Victor Welzant, PsyD – International Critical Incident Stress Foundation
Acts of terrorism are unparalleled in their potential to undermine psychological stability. This course will explore preparedness and response to terrorism with an emphasis on at-risk populations, coping mechanisms, resiliency, self-care for disaster responders, and lessons learned from the Oklahoma City bombing and the attacks of 9/11/01. Psychological and psychosomatic symptoms will be presented, with discussion of how reactions may vary depending on the type of weapon utilized (chemical, biological, radiological, nuclear, explosive, and cyberterrorism). Other topics will include recent innovations in response to catastrophic disasters and terrorism, including Family Assistance Centers and Respite Centers. This course is designed for anyone who wants to be prepared for effective response to terrorism, including first responders, emergency managers, military service members, health and mental health professionals, chaplains and spiritual care personnel, disaster workers, childcare workers and school personnel, and responders in the corporate sector. Course Fee: $50 {16 hrs, Cat 2/L}

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

**Pediatric Advanced Life Support (PALS) (Thurs., 8 AM – 5 PM & Fri., 8 AM – 12 PM)**

Faculty from The University of Maryland Upper Chesapeake Medical Center
The AHA’s PALS course has been updated to reflect new science in the 2015 AHA Guidelines Update for CPR and ECC. This classroom, instructor-led course uses a series of videos and simulated pediatric emergencies to reinforce these important concepts: a systematic approach to pediatric assessment, basic life support, PALS treatment algorithms, effective resuscitation, and team dynamics. The goal of the PALS course is to improve the quality of care provided to seriously ill or injured children, resulting in improved outcomes.
This course is open to ALS EMS providers, nurses, mid-level providers, and physicians only. Course Fee: $100 {16 hrs, Cat A/M}

**Prerequisite:** Online pretest must be taken prior to attending the course. Textbook will be mailed with online access code after payment has been received.

 Speakers and materials for this course have been sponsored by the University of Maryland Upper Chesapeake Health System and the Maryland EMS for Children State Partnership Grant and EMSC Program. All fees associated with this pre-conference offering are intended to cover conference resort fees, meals, and refreshments.

**MIEMSS’ EMSOP Quality Assurance Officer’s Course (Thurs. & Fri., 8 AM – 5 PM)**
Sarah Sette – Assistant Attorney General, MIEMSS
Ron Schaefer – Chief Compliance Officer, MIEMSS
John Barto – EMS Region IV Administrator, MIEMSS
Jason Cantera – EMS Applications Coordinator, MIEMSS
David Stamey – EMS Region V Administrator, MIEMSS

This EMS Operational Program (EMSOP) Quality Assurance Officer Course was first introduced in 2006 to ensure EMSOPs were in compliance with COMAR Title 30 regulations. Since then, hundreds of EMS providers have completed this training, preparing them to function as EMSOP QA Officers. With input from QA Officers from across the state, this course has evolved to include these essential elements of QA/QI: due process, conducting incident inquiries, case review, and eMEDS® QA/QI. Day one will focus on the essentials of QA/QI and QA Officer regulations, roles, and responsibilities. Day two will focus on applying QA principles learned on day one, conducting incident inquiries, QI using eMEDS® reporting, and a case review workshop. Course Fee: $75 {BLS 16 hrs, Cat 2/L}

**EMT 12-Hour Skills Refresher (Thurs., 6 PM – 10 PM & Fri., 8 AM – 5 PM)**
This course is a required part of recertification for all EMTs. By coupling this course with careful selection of conference breakout sessions, EMTs can meet all requirements necessary for recertification. Enrollment is limited to 30 registrants. Course Fee: $50 {12 hrs, Cat S}

**Thursday, April 27, 2017**

**When the Stork Dials 9-1-1: Managing OB and Newborn Emergencies (8 AM – 5 PM)**
Maryland EMS for Children’s Team

Childbirth is supposed to be a joyous occasion but for some emergency care providers it is anything but that. This workshop is designed for all levels of providers who do not routinely participate in the delivery of newborns. Come learn how to "catch the baby," take care of the mother, and help the baby transition to its new environment. Be prepared for a fast-paced day of lecture, hands-on skills stations, and scenarios. Course Fee: $60 {8 hrs, Cat A/M}

**HANDS-ON/LIMITED NUMBER OF PARTICIPANTS; REGISTER EARLY**

Speakers and materials for this course have been sponsored by the Maryland EMS for Children State Partnership Grant and EMSC Program. All fees associated with this pre-conference offering are intended to cover conference resort fees, meals, and refreshments.
12-Leads Made Easy: STEMI – Essentials (8 AM – 12 PM)
Tim Phalen, BS, NRP – Physio-Control University
Are you comfortable and confident with your ability to call a STEMI alert? This session explores the fundamental aspects of STEMI recognition—the very thing someone needs to know to function in a STEMI system. Some of the topics covered include recognizing, through a systematic approach, ST elevation that meets the criteria of the STEMI guidelines; eliminating the presence of the top STEMI imposters; correcting electrode placement; and minimizing artifact. Course Fee: $30 {4 hrs, Cat A/M}

Speakers and materials for this workshop have been sponsored by Physio-Control. All fees associated with this pre-conference offering are intended to cover conference resort fees, meals, and refreshments.

12-Leads Made Easy: STEMI – Beyond the Basics (1 PM – 5 PM)
Tim Phalen, BS, NRP – Physio-Control University
This session is for those who have already taken the STEMI – Essentials program, or who already feel comfortable with STEMI recognition. Topics for this session include a review on how to eliminate the top STEMI imposters, isolated posterior STEMI and right ventricular infarction (15- and 18-lead EKGs), a new way to look at AV block caused by STEMI, suspecting a STEMI in the presence of the most common STEMI imposters, and awareness of other STEMI imposters. Course Fee: $30 {4 hrs, Cat A/M}

Speakers and materials for this workshop have been sponsored by Physio-Control. All fees associated with this pre-conference offering are intended to cover conference resort fees, meals, and refreshments.

National Traffic Incident Management Responder Training (1 PM – 5 PM)
Patrick Rooney, Training and Certification Manager – Maryland State Highway Administration, CHART, and ITS Development
Three injury crashes occur every minute in the United States, potentially putting nearly 39,000 incident responders in harm’s way every day. Congestion from these incidents often generates secondary crashes, further increasing traveler delay and frustration. The longer incident responders remain at the scene, the greater the risk they, and the traveling public, face. A cadre of well-trained responders helps improve traffic incident response. Better incident response improves the safety of responders and drivers, reduces crashes that occur because of incident-related congestion, decreases traffic delays caused by incidents, and can cut incident response time.

The National Traffic Incident Management (TIM) Responder Training was created by responders for responders. This course provides first responders a shared understanding of the requirements for safe, quick clearance of traffic incident scenes; prompt, reliable, and open communication; and motorist and responder safeguards. First responders learn how to operate more efficiently and collectively. This training covers many TIM-recommended procedures and techniques, including TIM fundamentals and terminology, notification and scene size-up, safe vehicle positioning, scene safety, and command responsibilities. Course Fee: $30 {4 hrs, Cat 2/L}

Speakers and materials for this workshop have been sponsored by the Maryland State Highway Administration Office of CHART, in conjunction with the Maryland State Police. All fees associated with this pre-conference offering are intended to cover conference resort fees, meals, and refreshments.
12-Leads Made Easy: STEMI – Instructor (9 AM – 4 PM)
Tim Phalen, BS, NRP – Physio-Control University
Are you the person others come to with questions about the 12-lead EKG and STEMI? Ever wonder what all those statements mean on the computer interpretation? This session aims to simultaneously give you a deeper understanding of the 12-lead EKG and prepare you to better help others improve their STEMI identification. Additional topics include understanding axis, bundle branch blocks and fascicular blocks, and a new approach to AV block in STEMI. Also provided are some “transferable concepts” you can share to help others better understand and apply the content in the STEMI Levels I and II programs. Course Fee: $60 {6 hrs, Cat A/M}

EMS Strike Team Training (1 PM – 5 PM)
Randy Linthicum, MS, NRP – Director of Emergency Operations, MIEMSS
John Blake, BS, NRP, MICRB III – Captain, Baltimore City Fire Department
This course will provide you with an introduction to Maryland’s Ambulance Strike Team (AST) program. This will include the minimum requirements, requesting process, deployment, and operations of ASTs. Through a review of past deployments, a review of the Maryland AST Manual, and a short exercise, students will get an idea of what it is like to work as part of an AST. This course will meet the MIEMSS requirement for AST-provider level training for the ambulance crews that will staff Maryland’s pre-designated ASTs. Course Fee: $30 {4 hrs, Cat 2/L}

BLS Health Care CPR (1 PM – 5 PM)
University of Maryland Upper Chesapeake Medical Center
This Health Care Provider BLS course follows the current American Heart Association guidelines. This course is a four-hour instructor-led session designed to provide knowledge and skills associated with single and multirescuer BLS for adults, children, and infants. Emphasis is placed on the importance of early, high-quality CPR; early defibrillation; team dynamics; and utilization of the AHA links in the chain of survival. Upon successful completion of this course (written exam and skill evaluations), each participant will receive a verification card from the AHA. Expiration of verification occurs two years from the last day of the month in which the card was issued. Course Fee: $30 {4 hrs, Cat B/M}

eMeds®101: Generating Reports (9 AM – 12 PM)
Jason A. Cantera, EMT – EMS Applications Coordinator, MIEMSS
Your providers have completed hundreds of eMeds® reports for your service. So what are the top five “dispatch reasons” in your agency? What medication has been given the least in the past month? Join the EMS Applications Coordinator as he provides an overview of the eMeds® Report Writer 2.0. We will review the functions of the software and how it can be used to create reports that are useful for your agency. Some of the upcoming changes to eMeds® as we move forward into using the Elite Platform will also be discussed. It is HIGHLY recommended that you bring a laptop with you so that you can follow along and begin to build some of your own reports. Course Fee: $30 {3 hrs, Cat 2/L}
Maryland EMS Update 2017 (ALS and BLS) (6 PM – 7 PM)
Peter Fiackos, BS, NRP – EMS Education Manager, MIEMSS Office of Licensure and Certification
Do you need to meet your EMS Update requirement, but are computer-phobic? Do you wish that you could complete the requirement in a real classroom instead of a virtual one? Here's your chance! Join MIEMSS Licensure and Certification staff for a presentation of this year's Maryland EMS Update 2017 (formerly known as the "Meet the Protocols") in a classroom setting. In no time at all, you will have met your continuing education requirements for this year's update. No fuss, no muss...and best of all, no computer. FREE {1 hr, Cat 2/L}

EMS Care 2017 Vendor Reception (7 PM – 9 PM)
Stop by and mingle with our impressive cadre of vendors and “talk shop” with your peers. While you’re there, be sure and indulge in some desserts. A cash bar with happy hour pricing will also be available.
Main Conference Program Descriptions

This year we are happy to announce six tracks alongside our general sessions. Each track is color-coded to better assist you in selecting your programs:

- Medical
- Trauma
- Pediatrics
- Operations
- Management
- Hands-On

Saturday, April 29, 2017

7:30 AM – 8:30 AM: Conference Registration and Continental Breakfast

8:30 AM – 8:45 AM: Opening Ceremonies

8:45 AM – 9:15 AM: EMS State of the State
The latest developments and trends in Maryland EMS will be highlighted by the Maryland Institute for Emergency Medical Services Systems Acting Co-Executive Director Dr. Richard Alcorta. {0.5 hrs, Cat M/A}

9:15 AM – 10:15 AM: Keynote Address
Data as a Performance Enhancing Substance: Using the Maryland Prehospital Database to Improve Pediatric Care
Dr. Jennifer Anders, Associate State EMS Medical Director for Pediatrics, Fellowship Director, Pediatric Emergency Medicine, Johns Hopkins Children’s Center
Do you know how many children were transported to hospitals after a MVC last year? We do! Do you know how many children went into cardiac arrest last year? We do! Maryland has a state Pediatric Data Analysis and Research Team (DART) that looks at numbers big and small. One million eMEDS® records a year are submitted, 500,000 transports are completed—this is a lot of information. Come see how your patient care reports give us the data we need to evaluate and update protocols, plan education, and prepare for the future in EMS. {1 hr, Cat A/T}

10:45 AM – 12:15 PM: General Session
Resiliency and Wellness for Health Care and Public Safety Professions
Victor Welzant, PsyD – International Critical Incident Stress Foundation
In our roles as health care and public safety professionals, we all experience daily work-related and critical incident–related stress. In this session, Dr. Welzant will talk about types of stress-related reactions we may experience and some of the successful methods we can use to lessen the effects of those reactions, including pre-event preparation/resiliency, self-care, peer support, and critical incident stress team assistance. Dr. Welzant will also discuss how we can recognize stress in our coworkers and provide peer support, and provide an overview of suicide awareness and prevention. {1.5 hrs, Cat 2/L}
1:15 PM – 2:45 PM: Breakout #1

(1A) 12-Leads Made Easy: For EMTs
Tim Phalen, BS, NRP – Physio-Control University
No background in 12-lead or even EKGs? No problem! This session focuses on ways that BLS providers can both assist in 12-lead acquisition and operate in a system that utilizes BLS providers to acquire and transmit EKGs. Why 12-leads are needed, proper electrode placement, obtaining a good clean EKG, and the basics of recognizing ST elevation will be covered. {1.5 hrs, Cat A/M}

(1B) Identifying and Responding to Non-Fatal Strangulation
Rosalyn Berkowitz, BSN, RN, FNE A/P
While non-fatal strangulation has become more common in domestic abuse cases over the last decade, it still remains a widely under-reported aspect of domestic assault. Strangulation is one of the most lethal forms of domestic violence, and is often a predictor of future homicide. Strangulation is a form of asphyxia produced by a constant application of pressure to the neck that can result in the closure of blood vessels and/or the air passage. Unconsciousness can occur in seven seconds, and death can occur in as little as two minutes. It’s important for first responders to be able to identify, assess, and treat victims of non-fatal strangulation in order to help prevent serious complications from occurring. {1.5 hrs, Cat A/T}

(1C) PURPLE Crying – Preventing Abusive Head Trauma
Jennifer Fritzeen, MSN, RN – Director of Pediatric Trauma and Burn Program, Children’s National Health System
Caring for infants can be both confusing and scary to parents and EMS providers alike. The “Period of PURPLE Crying” is a new educational campaign to help explain the normal stages that infants go through between 2 weeks and 4 months. Understanding this period can prevent both frustration and non-accidental head trauma. This presentation will include an explanation of the campaign, ways to incorporate it into wellness and prevention education as well as the recognition and emergent treatment of abusive head trauma (AHT). PURPLE is an acronym for the specific—and normal—characteristics of an infant’s crying during this phase: Peak of Crying, Unexpected, Resists Soothing, Pain-Like Face, Long-Lasting, Evening. {1.5 hrs, Cat B/T}

(1D) Preparing for the Worst and Hoping for the Best: Pre-Planning for Mass-Gathering Events
James Matz, NRP – Battalion Chief, Baltimore City Fire Department
John Blake, BS, NRP, MICRB III – Captain, Baltimore City Fire Department
Thousands of pre-planned mass-gatherings and special events occur each year across the nation. Baltimore City is in the distinct position to have held several large-scale events such as Artscape, the Baltimore Grand Prix, the Star Spangled Spectacular, Sailabration, and the wildly popular electronic dance music (EDM) festival, Moonrise. This presentation will review the meticulous steps undertaken in pre-planning these large-scale events and the unique characteristics that each event has on medical demand. Topics of discussion will include logistics planning, footprint development, personnel and staffing, data collection, crowd size, and weather, along with lessons learned and best practices from previously-held successful events. {1.5 hrs, Cat 2/L}
The Maryland Medical Protocols for EMS Providers: The Science Behind
Richard Alcorta, MD, FACEP – State EMS Medical Director, Acting Co-Executive Director, MIEMSS
Join the State EMS Medical Director as he walks us through the evidence-based changes to patient care that Maryland has taken. Dr. Alcorta will discuss where we have come as a system, and walk through how the Protocol Review Committee considers, evaluates, and implements changes. Case reviews of specific protocols and the research that influenced them will be discussed. {1.5 hrs, Cat 2/L}

**Limited to 24 registrants**

Bleeding Control (BCON)
Jason Pasley, DO, FACS – Trauma Surgeon, R Adams Cowley Shock Trauma Center
Our nation has a history of learning hard lessons from military experiences; hemorrhage control is no different. This course teaches the basic hands-on life-saving medical interventions for massive hemorrhage, including bleeding control with pressure, tourniquets, and gauze packs/topical hemostatic agents. The Hartford Consensus directs that all responders have the education and equipment for hemorrhage control. It also strongly endorses civilian bystanders to act as immediate responders. {1.5 hrs, Cat B/T}

3:00 PM – 4:30 PM: Breakout #2

EMS: Past, Present, and Future
Scott H. Wheatley, Paramedic – Assistant Chief, Queen Anne’s County Department of Emergency Services
Throughout history, EMS has evolved and become what we know today. Have you ever wondered how EMS evolved into current practices? What will future EMS delivery look like? This travel through history will take a look at how historical events, successes, and failures have shaped the modern emergency medical services system. Based on what we know now, we will take a hypothetical look into what the future may hold. {1.5 hrs, Cat A/M}

Hemorrhage Control – Where Do I Start?
Jason Pasley, DO, FACS – Trauma Surgeon, R Adams Cowley Shock Trauma Center
Bleeding control is critical to the care of the injured patient and paramount in attempting to decrease prehospital exsanguination. Dr. Pasley will describe initial control of bleeding from the scene, as well as adjuncts in the prehospital and hospital setting that are currently being used and those on the horizon. He will also discuss the "Stop the Bleed Campaign," a White House initiative that provides bystanders of emergency situations with the tools and knowledge to stop life-threatening bleeding. {1.5 hrs, Cat A/T}

Pediatric Ventricular Assist Devices (VAD) – Technology and Tender Care Required
Gary Oldenburg, MS, RRT-NPS – Children’s National Health System
Emily Dorosz, RN, BSN, CPEN – Children’s National Health System
Children have been receiving both right and left VADs for more than five years, and they are taking them to school, the mall, and the ball park. Faculty from Children’s National Health System will discuss the types of heart disease that benefit from VADs, both as a bridge toward transplant and as destination therapy. Just as children come in many sizes, so do the assist devices. Come learn about the children, the devices, and the needs in transport from community to hospital or between hospitals. {1.5 hrs, Cat A/M}
(2D) Cameras, Citizen Reporters, and Social Media
Jeffrey Hammerstein, AAS, Paramedic – Assistant Chief, Community Outreach, Wake County EMS
The camera’s eye is everywhere, and we must assume everything you do and say is being recorded when you’re out in public providing emergency care. But who are these people? Why are they recording you? What are they doing with the video? What are the risks and what are the potential benefits? The answers hinge on how we carry ourselves while under the camera’s watch.

We’ll take a close look at why we’re often so disturbed by being filmed while we do our jobs. We’ll talk about what to do and what not to do in our desire to advocate for the privacy and dignity of our patient.

From mobile devices to security cameras to drones, the cameras are there. Trying to eliminate them from our scene is entirely futile. That’s if we even know they’re there! Let’s set ourselves up for positive public representation and minimize the possibility of being cast in a bad light. {1.5 hrs, Cat 2/L}

(2E) Mobile Integrated Health Care – Bringing Health Care Back Into Community
Alan Butsch – Battalion Chief, Montgomery County Fire and Rescue Service
Brian J. Frankel, NRP – Assistant Chief, Prince George’s County Fire/EMS Department
Mobile integrated health care (MIH) has its roots in rural America and has achieved much success in those regions. However, MIH can be just as effective in the urban/suburban environment. BC Butsch and AC Frankel will discuss what led them to implement MIH in their departments, what kind of MIH programs their departments are participating in now, and what they have coming in the future. Successes and lessons learned will also be shared. This program is a must-attend for any EMS provider or leader who is considering involvement in MIH. {1.5 hrs, Cat 2/L}

(2F) Application of Technology to Enhance EMS Service Delivery
Bryan M. Spies, BS, NRP – Battalion Chief, Prince George’s County Fire/EMS Department
Performance data is the driving force toward the future of EMS. There are a multitude of technologies available for EMS leadership to take a real-time and active approach to improve performance within their EMS systems. This presentation will provide an overview of data migration and citizen responder applications to enhance and improve EMS service delivery. {1.5 hrs, Cat 2/L}
Sunday, April 30, 2017

7:00 AM – 8:30 AM: Breakfast Buffet

8:30 AM – 10:00 AM: General Session
Human Trafficking: A Survivor’s Story
Elle Snow – Survivor Leader, Founder of Game Over
Pairing environmental clues with medical indicators is crucial in properly identifying a potential victim of human trafficking. Take notes from an actual survivor of domestic sex trafficking on what EMS providers should look for at the scene. Elle Snow, Survivor Leader from Rebecca Bender Initiative, will discuss these clues and the encounters she had with medical professionals during the period she was trafficked. {1.5 hrs, Cat B/M}

10:15 AM – 11:45 AM: Breakout #3
(3A) What About "Reverse Specialty Centers?": Alternative Transport Destinations That Can Receive Some of Our Lower Acuity EMS Patients
Roger Stone, MD, MS – Medical Director, Montgomery County Fire and Rescue Service; Associate Medical Director, Carroll County EMS
Alan Butsch – Battalion Chief, Montgomery County Fire and Rescue Service
Maryland has Specialty Referral Centers for time-dependent conditions such as stroke, STEMI, and trauma, but what about the rest of our patients? We have the five "rights" of medication administration, but what about the three "rights" of patient destination selection? Join Dr. Stone and BC Butsch as they discuss how EMS can take our non-time-dependent patients to the right place, in the right time, and for the right care. {1.5 hrs, Cat A/M}

(3B) Are You Ready; Is Your Agency Prepared? The New Face of EMS in Active Assailant Incidents
Deputy Jeremy Mothershed, NRP, TCCC – Harford County Sherriff’s Office
An overview and approach to the Rescue Tack Force (RTF) concept for EMS and fire personnel. The RTF model focuses on the needs and care of the victims of a mass shooting. RTF providers work with the first-arriving patrol officers to deliver immediate medical intervention for readily-treatable injuries, like severe bleeding and airway compromise, which stabilizes victims for evacuation to definitive care. This course will familiarize you with the planning and implementation process of organizing an RTF program in your jurisdiction. {1.5 hrs, Cat A/T}

(3C) Ouch – My Stomach Hurts: Abdominal Trauma in Pediatrics
Bob Kelly, MD – PEM Fellow, Johns Hopkins Children’s Center
Children sustain injuries to their abdominal organs from both blunt and penetrating trauma. Assessing a child is hard, and often these patients are not able to describe their pain severity or location. This presentation will cover the obvious and not so obvious solid and hollow organ injuries, emphasizing the keys to assessment, triage, and transport decisions for children of all sizes. {1.5 hrs, Cat B/T}
Electronic dance music (EDM) festivals are music events, featuring electronic instruments, that attract large crowds, sometimes in excess of 100,000 attendees. These EDM festivals frequently feature elaborate light shows and high-tech visual displays, often combining the atmosphere of a super-sized carnival with loud electronic music and dance parties that last until the wee hours of the morning. For the millennial generation, it has become somewhat of a rite-of-passage to attend multi-day EDM festivals. This presentation will delve into the drug-related complications and physical injuries that are commonly encountered during these festivals, along with the comprehensive medical plan that was developed through lessons learned from multiple mass-gathering events. {1.5 hrs, Cat A/M}

EMS Compass Initiatives
Timothy Chizmar, MD, FACEP, FAAEM – EMS Director, UM Upper Chesapeake Health; Medical Director, Harford County Fire and EMS; Medical Director, MIEMSS Region III; Medical Director, Southern York County EMS
Are you a QA officer, leader, or actively engaged provider in your jurisdiction who is interested in how we can improve patient care? Have you ever wondered if that QA you have been doing really leads to improved outcomes for the patient? Please join us for a lively discussion of the EMS Compass Initiative and how we can improve the quality of patient care through meaningful measures. You can't improve upon what you don't measure. {1.5 hrs, Cat 2/L}

Clinical Principles for Success with EZ-IO
Richard Hall, NRP – District of Columbia Fire Department
The EZ-IO Intraosseous Vascular Access System is designed to be a safe, effective solution for fast vascular access when you are facing difficult vascular access challenges in emergent, urgent, or medically necessary situations. This lecture and hands-on session is a must for those who carry the EZ-IO product! Topics discussed will include indications for use, contraindications, needle sizes, site identification, insertion and removal techniques, and pain management. {1.5 hrs, Cat A/T}

Today’s Opioid Epidemic: Top Ten Things to Know
Gina Stassinos, PharmD – Clinical Pharmacist, Emergency Department, UM Baltimore Washington Medical Center
The lecture summarizes current trends in opioid exposures, including heroin, prescription narcotics, and synthetic analogues. We will also discuss important prehospital management pearls, such as considerations for the use of naloxone as well as an update on the newer opioid agents on the streets today. {1 hr, Cat A/M}

Toxic Treatment – The Down and Dirty
Andrew Naumann, NRP – Region II Administrator, MIEMSS
This session will discuss the immediate treatment of toxidromes in the prehospital environment. Topics covered will include basic pathology of toxic exposure, mechanism of action of antidotes, and a review of the hazmat treatment protocols from The Maryland Medical Protocols for EMS Providers. {1 hr, Cat B/T}
(4C) Pediatric Trauma on the Go: Hover Boards, Razors, Skateboards, and Other Things with Wheels
Karen O’Connell, MD, FAAP – Pediatric Medical Director, MIEMSS Region V

The types of recreational “toys” children are using continue to multiply, and the speeds of operation are increasing. Logically, the injury patterns are many and depend on the child’s age, size, and ability to pay attention to traffic (and solid objects). Dr. O’Connell will discuss the types of “vehicles” that children and youth are riding, age, safety recommendations, and the impact of protective gear on injury severity. Injury patterns and priorities for care will be presented with video clips and images. Triage of hidden injuries can make the difference between life and death. {1hr, Cat B/T}

(4D) eMEDS® Q&A
Jason A. Cantera, EMT – EMS Applications Coordinator, MIEMSS

You’ve got questions? We’ve got answers. Based on the high ratings from years past, once again we have subpoenaed Jason Cantera, the “eMEDS® guy,” for another town hall style presentation. Join the lively and interactive question/answer/debate regarding the Maryland eMEDS® system. The instructor will also provide a preview of the upcoming changes to eMEDS® as it is upgraded to the new Elite platform. {1 hr, Cat 2/L}

(4E) Legal Issues in EMS
Sarah M. Sette – Assistant Attorney General, MIEMSS

The 2017 Maryland Medical Protocols for EMS Providers includes some major revisions to treatment for suspected sexual assault victims. Are you familiar with the reporting requirements and how EMS is protected from liability for good faith reporting in these cases? In this session, AAG Sarah Sette will cover this topic and other legal issues that can face EMS providers while on the job. She will discuss new legal challenges in EMS, including three very compelling reasons to put away your phone, as well as sexual harassment, the smart and proper use of social media, and provider immunity in the performance of duties. {1 hr, Cat 2/L}

(4F/5F) Managing the Difficult Airway
David Stamey, CCEMTP – Region V Administrator, MIEMSS
Emergency Physician, TBA

This course is designed to enhance your knowledge of current advanced airway practices and techniques. It will improve your overall skill level and introduce the latest airway equipment, including a hands-on surgical airway lab in which you will have the opportunity to practice a surgical airway. {2 hrs: 1 hr, Cat B/T; 1 hr, Cat A/M}

**Limited to 18 ALS registrants and will occupy two consecutive breakout sessions**

2:00 PM – 3:00 PM: Breakout #5

(5A) Sepsis: The Unsexy Killer
Kevin Pearl, MD – Clinical Assistant Professor of Emergency Medicine, University of Maryland; Associate Medical Director, Talbot County EMS Division

Sepsis kills more people each year than AIDS, breast cancer, and prostate cancer combined. So why does this life-threatening condition get so little attention? This lecture will fill you in on this deadly, but reversible disease, that takes so many lives. {1 hr, Cat A/M}
(5B) Top EMS Articles You Have to Know
Timothy Chizmar, MD, FACEP, FAAEM – EMS Director, UM Upper Chesapeake Health; Medical Director, Harford County Fire and EMS; Medical Director, MIEMSS Region III; Medical Director, Southern York County EMS
Join us for an exciting tour of the best EMS articles of 2016. Stay on the cutting edge and take a look at the latest emerging trends in prehospital medicine. We will discuss the top articles of the past year, with an emphasis on what the new literature means for you and how it should change your practice. {1 hr, Cat B/T}

(5C) Infants: Sick or Not Sick, Always Small, and Sometimes Scary
Linda Arapian, RN, MS, CEN, CPEN, EMT – Pediatric Nurse Clinician, Montgomery County Fire and Rescue Service
This presentation will address the new term “BRUE,” an acronym for Brief Resolved Unexplained Events (formerly Apparent Life-Threatening Events). Any emergency call with an infant need to be handled with care. When an infant under one year old has experienced a sudden and brief change in their A, B, C and D’s, a careful assessment is needed. There are also two patients (or more), the infant and their caretakers, who will need clear communication and guidance as they prepare for transport to a hospital for medical evaluations. {1 hr, Cat A/M}

(5D) Dispatch Updates: From ALS to No EMS to ECNS
Roger Stone, MD, MS – Medical Director, Montgomery County Fire and Rescue Service; Associate Medical Director, Carroll County EMS
Part of the spectrum of medical care is evolving under the paradigm of universal access and care of the “whole patient.” This has been adopted in many foreign countries, including the presence of physicians or nurses in dispatch. Let's review some of the newest paradigms in dispatch protocols that is moving EMS in a new direction in the United States. {1 hr, Cat A/M}

(5E) Ambulances: The Box, The Driver, The Patient
Jurisdictional Panel
Safety has been called a culture, but on a day-to-day basis, it’s the number one priority for all EMS professionals. Manufacturers are taking new standards and requirements seriously. Managers are reviewing dash cameras and injury reports. Providers have choices to make every time a call goes out. EMS managers in Maryland will share the changes within their departments—purchasing, retrofitting, policies, and education. The goal is to protect and prolong EMS providers’ careers and lives, and deliver the patients safely to the hospital. {1 hr, Cat 2/L}

3:15 PM – 4:15 PM: Closing Keynote
Closing Keynote: Myths, Theories, and Evidence-Based EMS
Terry Jodrie, MD, FACEP, NRP – Medical Director, Prince George’s County Fire/EMS Department; Associate Medical Director, MIEMSS Region V
How much of what we do is based on solid science? With the availability of multiple information sources at our fingertips, we are exposed to the good, the bad, and even the fake. This session will examine some EMS practices that are based on theory or myth, and explore strategies to evaluate EMS information that is based on evidence. {1 hr, Cat A/M}
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Dr. Stone/Butsch (A/M) |  |  |
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Mothershed (A/T) |  |  |
|        |  |  |  |  | Ouch – My Stomach Hurts: Abdominal Trauma in Pediatrics  
Dr. Kelly (B/T) |  |  |
|        |  |  |  |  | The Medical Plan for EDM Festivals: A Dynamic and Evolving Approach  
Matz/Blake (A/M) |  |  |
|        |  |  |  |  | EMS Compass Initiatives  
Dr. Chizmar (2/L) |  |  |
|        |  |  |  |  | Clinical Principles for Success with EZ-IO  
Hall (A/T) |  |  |
| 1145-1245 |  |  |  |  | Lunch |  |  |
| 1245-1345 |  |  |  |  | Today's Opioid Epidemic: Top Ten Things To Know  
Dr. Stassinis (A/M) |  |  |
|        |  |  |  |  | Toxic Treatment – The Down and Dirty  
Naumann (B/T) |  |  |
|        |  |  |  |  | Pediatric Trauma on the Go: Hover Boards, Razor, Skateboards, and Other Things with Wheels  
Dr. O'Connell (B/T) |  |  |
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Cantera (2/L) |  |  |
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Stamey/TBA (B/T) |  |  |
| 1345-1400 |  |  |  |  | Break |  |  |
| 1400-1500 |  |  |  |  | Sepsis: The Unsexy Killer  
Dr. Pearl (A/M) |  |  |
|        |  |  |  |  | Top EMS Articles You Have to Know  
Dr. Chizmar (B/T) |  |  |
|        |  |  |  |  | Infants: Sick or Not Sick, Always Small, and Sometimes Scary  
Arapian (A/M) |  |  |
|        |  |  |  |  | Dispatch Updates: From ALS to No EMS to ECNS  
Dr. Stone (A/M) |  |  |
|        |  |  |  |  | Ambulances: The Box, The Driver, The Patient Panel (2/L) |  |  |
|        |  |  |  |  | Managing the Difficult Airway (Part 2)  
Stamey/TBA (A/M) |  |  |
| 1500-1515 |  |  |  |  | Break |  |  |
| 1515-1615 |  |  |  |  | Closing Keynote: Myths, Theories, and Evidence-Based EMS  
Dr. Jodrie (A/M) |  |  |
# EMS Care 2017 Registration Form


First Name: ___________________________ Last Name: ___________________________ Suffix: ___________________________

Please print your name as you wish it to appear on your name badge: __________________________________________

Provider ID: ___________________________ Primary Affiliation: ___________________________________________

Home Address: ___________________________ City: ___________________________ State: _____ Zip: ___________

(Do NOT use Fire Department Address)

Cell Phone: ___________________________ Email Address: ___________________________________________

(Certification/Licensure (Circle One): EMR EMT CRT-I Paramedic EMD RN Student Other)

**Please select the programs that you plan to attend**

**Pre-Conference Workshops:**

**Thursday/Friday, April 27 and 28, 2017**

- [ ] Terrorism: Psychological Impact & Implications ($50)
- [ ] Pediatric Advanced Life Support ($100)
- [ ] Quality Assurance Officer’s Course ($75)
- [ ] EMT 12-Hour Skills Refresher ($50)

**Thursday, April 27, 2017**

- [ ] When the Stork Dials 911 ($60)
- [ ] 12-Leads Made Easy: STEMI – Essentials ($30)
- [ ] 12-Leads Made Easy: STEMI - Beyond the Basics ($30)
- [ ] National Traffic Incident Management Responder Training ($30)

**Friday, April 28, 2017**

- [ ] 12-Leads Made Easy: STEMI- Instructor ($60)
- [ ] EMS Strike Team Training ($30)
- [ ] BLS Healthcare CPR ($30)
- [ ] eMEDS® 101: Generating Reports ($30)
- [ ] Maryland EMS Update 2017 (FREE)

Will you be attending the EMS Care Vendor Reception Friday, April 28 from 7:00 to 9:00 PM (FREE) YES! ___ No ___

**Main Conference Breakout Sessions: (Please circle)**

**Saturday, April 29, 2017:**

Breakout 1: A B C D E F  
Breakout 2: A B C D E F

**Sunday, April 30, 2017:**

Breakout 3: A B C D E F  
Breakout 4: A B C D E F  
Breakout 5: A B C D E

**Conference Materials:**

Every participant will receive a 4GB thumbdrive with conference materials in an electronic format. If you wish to purchase a printed copy (binder) in addition, please indicate so under “Registration Fees” (cost is $10). Quantities are limited.

## Registration Fees:

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**Payment:**

- [ ] Pay by Check
- [ ] Pay by Credit Card

Payable to: Emergency Education Council of Region III

**Mail To:**

MIEMSS Region III  
653 West Pratt Street  
Baltimore, Maryland 21201

- [ ] Invoice Me (Invoice will be emailed or mailed to the address below)

Email: ___________________________

Name: ___________________________

Address: ___________________________

City: ___________ State: _____ Zip: ___________

**Fax credit card registrations to 410-706-8530**

VISA: ____ Master Card: ____ AMEX: ____ Discover: ____

Card #: ___________________________

Expiration Date: (MM/YY) _________ Security Code: ___________

Billing Address (required for credit card authorization):

- [ ] Check if same as mailing address

Street: ___________________________

City: ___________ State: _____ Zip: ___________

Signature: ___________________________

**PLEASE NOTE:** Submission of this registration form constitutes agreement to the full terms and conditions of EMS Care 2017 as seen on page 2 of this form.
Maryland EMS Care Conference Attendee Terms and Conditions

REGISTRATION:
Registration for Maryland EMS Care Conference incurs an obligation on your part to complete the registration process, including paying registration fees. Registrations may be paid immediately by credit card. Registrations submitted with payment by check require payment within ten (10) days of submission. Registrations submitted with payment by purchase order require payment within thirty (30) days of submission. An invoice will be sent to the registrant with a request for payment when fees are to be paid by company check or purchase order. All registrations must be paid in full upon commencement of conference proceedings. If you fail to cancel prior to the cancellation deadline, April 14, 2017, registration fees are not refundable. You may transfer your registration to another person at no cost. If you register for the Maryland EMS Care Conference, but do not attend and do not cancel prior to the cancellation deadline, you are still liable for the registration fees.

PRE-CONFERENCE OFFERINGS:
All pre-conference offerings are subject to cancellation due to low enrollment. In the event a course is cancelled, participants will be given a full refund of the course fees. The decision to cancel a pre-conference course will be made by April 19, 2017, at the discretion of the EMS Care planning committee.

PAYMENT PROCESSING:
By submitting the conference registration form, you agree to the charges to the submitted credit card of registration fees for Maryland EMS Care Conference 2017. If registration is made by check or purchase order, you agree to be responsible for the charges whether you attend the conference or not. Returned checks are also subject to a $25 processing fee.

ATTENDEE REFUNDS:
No refunds will be given for cancellations made after April 14, 2017. Cancellations made before April 14, 2017, will be refunded less a 20% administrative fee. Refund requests must be made by email to emscare@miemss.org. You may transfer your registration to another person without penalty, provided you inform the Maryland EMS Care Conference by email.

By registering for EMS Care 2017, you agree to grant the Emergency Education Council of Region III and the Maryland Institute for Emergency Medical Services Systems (MIEMSS) the right to distribute, transmit, publish, copy, or otherwise make use of, either in whole or in part, either digitally or in any other medium known or later discovered, the photographs taken during the conference. Attendees assume all risk incidental to participation in all activities, loss or damage to property, and release management, its employees and agents against all claims.

SPECIAL ACCOMMODATIONS:
Anyone needing special accommodations or having special dietary requirements should contact MIEMSS Region III Office by April 14, 2017, at 410-706-3996 or emscare@miemss.org.
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MARYLAND
EMS CARE

SEE YOU AT THE BEACH!

WHEN
April 26-30, 2017

FACEBOOK
www.facebook.com/emscare2014

WHERE
Clarion Resort
Fountainbleau Hotel
Ocean City, Maryland

REGISTRATION
Register Online:
https://eecreg3.wufoo.com/forms/ems_care
2017 conference registration/
or by mail