



May 11 - 15, 2022

Ocean City, MD

Presented By:

**Maryland's Regional EMS Advisory Councils
The Maryland Institute for Emergency Medical Services Systems**

Maryland EMS Care 2022

May 11 - 15, 2022

The Ocean City Fontainebleau Resort in Ocean City, Maryland

The Program

Once again, EMS Care is bringing new and exciting nationally recognized speakers to town, as well as bringing back your favorite presenters from years past. Three full days of pre-conference workshop offerings will begin on Wednesday, May 11, 2022. Renowned speakers on today's hot topics and an enticing resort setting make this an inviting conference for emergency medical services clinicians, nurses, fire/rescue personnel, and their families.

Continuing Education

All workshops have been approved by the Maryland Institute for Emergency Medical Services Systems (MIEMSS) for continuing education for ALS and BLS clinicians. Throughout the weekend, EMTs can fulfill the 12 hours of didactic (4 Medical, 4 Trauma, and 4 Local) training required for recertification. A 12-hour EMT skills class will be available as a pre-conference offering as well. 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 EMS Clinician Services at 410-706-3666.

The Hotel

EMS Care 2022 will be returning to the beautiful Ocean City Fontainebleau Resort, located at 10100 Coastal Highway, Ocean City, Maryland, 21842. The room rates for the conference are as follows: Single/Double \$125/night, Executive King \$145/night, Studio King \$155/night, Cabana \$178/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 10, 2022**. After this date, the room rates will return to the prevailing rate. The block of rooms reserved for conference participants will fill up quickly. For more information or to make your reservations, call 410-524-3535 and request the EMS Care group rate, or visit the website to book online:

https://clarionoc.webhotel.microsdc.us/bp/search_rooms.jsp?checkinDateStr=05-10-2022&groupCode=EM0510

Stay for the Fun!

The Conference is located in the heart of beautiful Ocean City. The beachfront hotel is within easy walking distance to many local attractions and just a short drive from the boardwalk, outlet shopping, the Ocean Downs Casino, and an abundance of fabulous restaurants. If you prefer to stay in, the Ocean City Fontainebleau Resort offers numerous amenities, including an indoor swimming pool, a health spa, a children's playground on the beach, arcade games, 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 4:00 PM on Friday, May 13, with a vendor meet and greet and cash bar with happy hour pricing from 4:00 PM to 6:00 PM. Join us Friday from 6:00 PM to 9:00 PM for our annual vendor reception. This free reception will include a variety of hors d'oeuvres complemented by coffee, iced tea, assorted desserts, and a cash bar with happy hour pricing until 9:00 PM! Door prizes and, as always, outstanding fellowship will be provided! Be sure to stop by and visit each of the vendors and get your bingo card stamped for a chance to win one of three great prizes.

Fees and Expenses

This year we are pleased to announce that those registering by Sunday, April 17, 2022, will receive the discounted "Early Bird" registration rate of \$230 for the full two-day conference, or \$120 for a one-day Saturday or Sunday registration. Beginning Monday, April 18, the standard full two-day (Saturday and Sunday) conference registration fee will be \$250, or \$140 for a one-day registration (either Saturday or Sunday). This fee includes all expenses for workshops, lectures, AV material, and printing costs. Also included are 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. Conference attendees will receive access to download lecture materials online. Pre-conference workshops are offered for additional fees as indicated on the attached registration form.

Registration

Registration is limited and on a first-come, first-served basis. **Online registration** for EMS Care is available at

<https://cvent.me/xv8yXn>

You will receive an email confirmation after completing your registration. Any requests for changes to your schedule must be emailed to mdemscare@gmail.com and be received by April 24, 2022, Subject: Schedule Change Request. Requests for refunds must be submitted in writing by Sunday, April 24, 2022. **All cancellations are subject to a 20% processing fee.** You may transfer your registration to another person at no cost. Returned checks are also subject to a \$25 processing fee.

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

Directions

Driving directions to the Ocean City Fontainebleau Resort are available on the hotel website at <https://ocbeachresort.com>.

For More Information

Visit the MIEMSS website at www.miemss.org, or follow the Maryland EMS Care page on Facebook www.facebook.com/mdemscare.

Pre-Conference Activities

Wednesday, May 11, Thursday, May 12, & Friday, May 13, 2022

Comprehensive Review of Critical Care Concepts Course (Weds.,Thurs. & Fri. 8 AM – 5 PM)

The Lumos Consulting Group

Adam Murray

Jenna Turner

The Lumos Consulting Group is excited to offer a Comprehensive Review of Critical Care Concepts, an IBSC-approved review course for the FP-C (Flight Paramedic Certification). In addition, this course provides quality ALS continuing education approved for 16-hours of ALS-A by NREMT and accepted by the Maryland Institute for Emergency Medical Services Systems (MIEMSS). This review course is designed as an additional supplement to the recommended study and experience required to successfully complete the FP-C Exam®. The exam is designed for individuals who have worked in an advanced clinical capacity for several years and have a very solid clinical and didactic foundation. This exam is difficult, and this course should not be utilized as the sole source of education and review.

Course Fee: \$250 {16 Hrs, BLS: T / ALS: NCCP Individual}

Assisting Individuals in Crisis Intervention and Group Crisis Intervention (8 AM – 5 PM)

Jeffrey T. Mitchell, Ph.D., CTS

This 3-day course combines ALL of the content of ICISF's Assisting Individuals in Crisis & Group Crisis Intervention courses. Crisis Intervention is NOT psychotherapy; rather, it is a specialized acute emergency mental health intervention which requires specialized training. As physical first aid is to surgery so crisis intervention is to psychotherapy, thus, crisis intervention is sometimes called "emotional first aid". Designed to present the core elements of a comprehensive, systematic, and multi-component crisis intervention curriculum, this course will prepare participants to understand a wide range of crisis intervention services for both the individual and for groups. The course will outline Fundamentals of Critical Incident Stress Management (CISM), and participants will leave with the knowledge and tools to provide several group crisis interventions, specifically demobilizations, defusings, and the Critical Incident Stress Debriefing (CISD). The need for appropriate follow-up services and referrals when necessary will also be discussed.

Course Fee: \$50 {24 Hrs, BLS: M / ALS: NCCP Individual}

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

Thursday, May 12 & Friday, May 13, 2022

EMT 12-Hour Skills Refresher (Thurs., 6 PM – 10 PM & Fri., 8 AM – 5 PM)

Region III Emergency Education Council

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 Maryland recertification. Enrollment is limited to 30 registrants.

Course Fee: \$100 {12 Hrs, BLS: S / ALS: NCCP Individual}

Friday, May 13, 2022

Advanced Airway Course (8 AM – 5 PM)

James Clopein, Lieutenant, Anne Arundel County Fire Department

Jeannie Hannas, Paramedic/Firefighter, Anne Arundel County Fire Department

Ashley Eckhardt, Paramedic/Firefighter, Anne Arundel County Fire Department

This course is designed for both BLS and ALS clinicians. We will dive into anatomy, physiology, and pathophysiology to provide the knowledge necessary to critically assess a difficult airway. We will deliver the clinical explanations to understand the WHYs of airway management. When it comes to the HOW, this course primarily will offer practical applications in small work groups to ensure everyone receives ample hands-on opportunities.. We will cover BLS airways, BVMs, Alternative Airways, Video Laryngoscopy, and other ALS airways. Each clinician will walk away from this course better understanding airway management and its practical application. Although a variety of airway devices will be on hand, if your department utilizes a specific airway management device for which you would like additional education and training, please bring it to class; our experienced airway clinicians will build your confidence with that device. This course meets the state-required Airway Management (difficult airway course) component that may be applied toward obtaining the initial RSI certification. Course Fee: \$50 {8 Hrs, BLS: M / ALS: NCCP Individual}

Mental Health First Aid (8 AM – 5 PM)

Doria Fleisher, EMT

This course will develop awareness and understanding of and response to signs of mental illnesses and substance use disorders. The training gives participants the skills they need to provide initial help to someone who may be experiencing a mental health concern or crisis. Our 5-step action plan will teach you the "what can I do" and "where can someone find help?"

Course Fee: \$25 {8 Hrs, BLS: L / ALS: NCCP Individual}

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

STEMI Master Class (8 AM – 5 PM)

Tim Phalen, BS, NRP, Physio-Control University

Ready to go further? Tim's STEMI/OMI Masterclass provides strategies that you can implement today to increase correct STEMI/OMI identification while simultaneously reducing false positive activation. This completely revised program uses a case-based approach to cover a variety of topics, including: a model of critical thinking, how to rule out the most common STEMI impostors in 3 seconds, familiarity with the less common STEMI impostors, multiple strategies to suspect STEMI in the presence of an impostor, finding "hidden" STEMI, and identifying reperfusion candidates that do not have ST elevation (OMI).

Course Fee: \$35 {8 Hrs, BLS: M / ALS: NCCP Individual}

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

EMS Care 2022 Vendor Preview and Cash Bar (4:00 PM – 6:00 PM)

Stop by and mingle with our impressive cadre of vendors and “talk shop” with your peers. A cash bar with happy hour pricing will also be available.

EMS Care 2022 Vendor Reception Cash Bar (6:00 PM – 9:00 PM)

Join us for our annual vendor reception. This free reception will include a variety of hors d'oeuvres complemented by coffee, iced tea, assorted desserts, and a cash bar with happy hour pricing until 9:00 PM! Door prizes and, as always, outstanding fellowship will be provided! Be sure to stop by and visit each of the vendors and get your bingo card stamped for a chance to win one of three great prizes.

Main Conference Program Descriptions

This year we are happy to announce six tracks in addition to our general sessions.

Medical – **Trauma** – **Additional** – **Pediatrics** – **Operations** – **Management**

Saturday, May 14, 2022

7:00 AM – 8:00 AM: Conference Registration and Continental Breakfast

8:00 AM – 8:15 AM: Opening Ceremonies

8:15 AM – 9:00 AM: MIEMSS State of the State

MIEMSS Executive Director Dr. Ted Delbridge, MD, MPH, FACEP, FAEMS, will highlight the latest developments and trends in Maryland EMS.

{1 Hrs, BLS: L / ALS: NCCP Individual}

9:00 AM – 10:00 AM: Keynote Address

Science Behind the Protocols 2022

Dr. Timothy Chizmar, MD, FACEP, State EMS Medical Director, MIEMSS

Have you ever wondered why we perform certain procedures, or give some medications but not others? In a time-sensitive emergency, it's just as important to know what to do as it is to know why you are doing it. Don't just memorize the protocols! Join Dr. Chizmar as he delves into the science behind *The Maryland Medical Protocols for Emergency Medical Services*, including the "why" for several upcoming changes starting this July.

{1 Hrs, BLS: T / ALS: NCCP Individual}

10:00 AM – 10:30 AM: Break

10:30 AM – 12:00 PM: General Session

Communication is the Best Medicine: Crew Resource Management in EMS

Jenna Turner, Lumos Consulting Group

Communication is often an overlooked "treatment" in prehospital emergency care, and can make a big difference in the care and logistics of care. Developed from a larger presentation called "Crew Resource Management: From the Cockpit to the Crew Room", this program will hone in on important factors of communication often overlooked in prehospital care.

{1.5 Hrs, BLS: L / ALS: NCCP Individual}

12:00 PM – 1:00 PM: Lunch

1:00 PM – 2:00 PM: Breakout #1

(1A) Fun and Interactive ALS/BLS Case Reviews

James Clopein, Lieutenant, Anne Arundel County Fire Department

Jeannie Hannas, Paramedic/Firefighter, Anne Arundel County Fire Department

Come join our group of engaged instructors and learn about new trends, protocols, and literature by interactive case reviews from around the state. The interactive case reviews are geared for BLS and ALS clinicians. Come join the conversation, and have fun while learning.

{1 Hr, BLS: M / ALS: NCCP Individual}

(1B) Traumatic Brain Injuries

Dr. Kimberly Boswell, MD, FACEP, University of Maryland School of Medicine

Updating the way we approach traumatic brain injury in 2022, this lecture will address current practices related to the transport and treatment of patients with acute traumatic brain injury. New prehospital medications and the continued use of current medications will be discussed.

{1 Hr, BLS: T / ALS: NCCP Individual}

(1C) Soft, Slow, Steady and Simple..... Assessing the Autistic Patient

Dwayne Kitis, Regional Coordinator, MIEMSS

Participants will discuss alternative ways to assess autistic individuals, including how to gather identifiable, health, and other pertinent information. Students will interact with a person on the autism spectrum in an attempt to assess the patient's health utilizing techniques learned in this session.

{1 Hr, BLS: T / ALS: NCCP Individual}

(1D) The Unrestrained Child: Preventable and Predictable

Susanne Ogaitis-Jones, MIEMSS

Monty Crown

Every child (and adult) should be properly restrained in a moving vehicle – it's the law and it saves lives. Unfortunately, unrestrained children are traveling on highways and local streets daily. This session will present the injury patterns seen in infants, children, and youth as the result of no or inappropriately used restraints. Primary surveys find obvious injuries; this course will teach you the subtle signs to look for in life-threatening injuries.. Maryland has car seat resources – be sure you know where they are in your local area.

{1 Hr, BLS: T / ALS: NCCP Individual}

(1E) Prehospital Ultrasound: The "Waves" of the Future

Dr. Jonathan Wendell, Medical Director, Anne Arundel County Fire Department

This entertaining case-based lecture will explain the indications and use of prehospital ultrasound, focusing heavily on our experiences in Anne Arundel County Fire Department. Utilizing case-based scenarios and associated ultrasounds from AACoFD field experience, we will: review the indications for prehospital ultrasound, demonstrate how to utilize ultrasound to optimize prehospital cardiac arrest management, demonstrate use of ultrasound to differentiate causes of respiratory distress, and explore future uses of prehospital ultrasound.

{1 Hr, BLS: M / ALS: NCCP Individual}

(1F) Developing a Jurisdictional Response to Human Trafficking

Colleen Lull, NRP, Lieutenant, Baltimore City Fire Department

In partnership with the Mayor's Office of Neighborhood Safety and Engagement (MONSE), Mercy Medical Center, and the Baltimore Police Department, the Baltimore City Fire Department has developed a highly successful response to human trafficking. We want to share our program with the leadership of other jurisdictions so that they may develop similar programs to further combat human trafficking in our state and region. This presentation will define the terms and prevalence of human trafficking in Maryland, explain EMS' unique opportunity to recognize and identify suspected human trafficking, and then share how the BCFD developed a jurisdictional response to human trafficking. We will share key partners who helped us along the way and who are still integral parts of daily operations. Finally, we will frame our experience in a way that will serve as a roadmap for other jurisdictions to build upon what we have created and create a response that works in their community.

{1 Hr, BLS: L / ALS: NCCP Individual}

2:00 PM – 2:15 PM: Break

2:15 PM – 3:15 PM: Breakout #2

(2A) Drip to the Beat - Hands-On Medication Drip Delivery

James Clopein, Lieutenant, Anne Arundel County Fire Department

Jeannie Hannas, Paramedic/Firefighter, Anne Arundel County Fire Department

Through our engaging hands-on approach, we will show you how to safely administer all the Maryland drip medications. Anne Arundel County Fire Department has designed a stress-free, easy way to deliver medication drips, and we want to share it with you. After a brief 15-minute lecture, you will spend the remainder of the time physically administering all the Maryland drip medications.

{1 Hr, BLS: M / ALS: NCCP Individual}

(2B) Advanced Techniques in Trauma

Dr. Ryan Fransman

This lecture will focus on Medical Directorship and the Physician role in EMS. The course will be formulated around the care and intervention that can be provided when a trauma-trained physician is present, active, and consistent. We will emphasize subcategories such as advanced techniques and interventions that can be utilized and how management of the critically injured patient can be optimized with advanced on scene invasive intensive care.

{1 Hr, BLS: T / ALS: NCCP Individual}

(2C) Taking the Fear Out of Peer to Peer

Christopher Truit, EMS Captain, Salisbury Fire Department

The need for mental health and wellness awareness and acceptance is at an all-time high, and talking about it in a “friendly” way will encourage more participation across the EMS field. This program will offer a slideshow and discussion of how peer support has always been a part of prehospital agencies, as well as examples of ways to initiate and strengthen a program and the importance of self-care for peers.

{1 Hr, BLS: L / ALS: NCCP Individual}

(2D) Pediatric Out of Hospital Cardiac Arrest - Changes in Practice to Save Lives

Dr. Jennifer Anders, MD, FAAP, Associate State Medical Director for Pediatrics, MIEMSS

Pediatric Out of Hospital Cardiac Arrests (POHCA) occur in Maryland almost daily, and the survival rate is low. Survival is directly impacted by the response of everyone in the Chain of Survival. Bystander CPS, EMD instructions, and Pediatric Pit Crews experienced with the roles within HPCPR are key. Pediatric HPCPR depends upon early, high-quality CPR (rate, depth, and recoil), rapid defibrillations, and remaining in place. Pediatric HPCPR requires ALS to focus on epinephrine before intubation. Dr. Jen Anders has a challenge for every station – “It is in your hands” to learn what needs to change in the delivery of CPR to children.

{1 Hr, BLS: M / ALS: NCCP Individual}

(2E) Identifying and Responding to Human Trafficking In Your Community

Colleen Lull, NRP, Lieutenant, Baltimore City Fire Department

Human trafficking is under-reported, and patients being trafficked often have unrecognized and untreated medical needs. EMS has a unique opportunity to recognize patients in need and link them to needed medical care and social services. This presentation is designed to increase awareness and recognition of human trafficking by EMS clinicians. Attendees will learn what human trafficking is, dispel myths, recognize red flags, and be given tools to provide care and resources to individuals being trafficked.

{1 Hr, BLS: L / ALS: NCCP Individual}

(2F) What Got You Here Won't Get You There

Cody Winniford, Flight Paramedic, ExpressCare / PHI Air Medical

Merely being "qualified" to lead often leaves much to be desired in terms of effectiveness as a leader. However, many people are selected for leadership positions because they "meet the qualifications" or check the boxes on a job description. We must stop defining leadership through styles and platitudes and help people to BECOME the leaders they were meant to be by giving them tools to codify beliefs and behaviors into a leadership philosophy that ENABLES them to lead across all professional, cultural, and generational boundaries. This presentation will provide a background in the need for new approaches to leadership development and will provide a 5-step plan and toolkit for developing an empowering personal leadership philosophy.

{1 Hr, BLS: L / ALS: NCCP Individual}

3:15 PM – 3:30 PM: Break

3:30 PM – 4:30 PM: General Session

EMS is the Key to Health Preparedness

Andrew Nauman

Recent disasters have demonstrated the critical role emergency medical services systems play in responding to disasters, including COVID-19. This presentation will provide attendees with an understanding of why EMS systems are uniquely positioned to play a leading role in health preparedness and how individual EMS clinicians can support those efforts. Major topics covered will include an overview of the role EMS systems have played in recent disaster responses (including COVID-19), an in-depth look at why EMS is uniquely positioned to lead health preparedness efforts, and what EMS clinicians can do to better support disaster preparedness and response efforts.

{1 Hr, BLS: L / ALS: NCCP Individual}

Sunday, May 15, 2022

7:00 AM – 8:00 AM: Breakfast Buffet

8:00 AM – 9:30 AM: General Session
Management of the Agitated Patient

Mathew Levy, DO, MsC – Medical Director, Howard County Department of Fire Rescue Services and Region III Medical Director, MIEMSS

The prehospital management of agitated patients is associated with numerous operational, safety, and clinical challenges. EMS clinicians must be familiar with strategies and interventions to safely manage the agitated patient while also protecting themselves and their crew. The clinical approach to the agitated patient requires an understanding of the medical emergencies that may present in the form of agitation, as well as the needed prehospital assessment and interventions for stabilization. This session will provide an overview of a standardized approach to the agitated patient, review the medical causes of agitation, and discuss several prehospital agitation cases using the Maryland EMS agitation protocol as a guide.

{1.5 Hrs., BLS: M / ALS: NCCP Individual}

9:30 AM – 9:45 AM: Break

09:45 AM – 10:45 AM: General Session

Wall Time... Not Havin' a Ball Time: Overview of EMS System Measures and Approach to Worsening Crisis in Patient Handoffs to Hospitals

Roger Stone, MD, MS – Medical Director, Montgomery County Fire and Rescue Service; Associate Medical Director, Carroll County EMS; Region V Medical Director, MIEMSS

Ben Kaufman, Battalion Chief, Montgomery County Fire and Rescue Service

Speaker 3

All of us know that the COVID-19 pandemic was a time marked by periods of low call volume and ED census, but this gave way to the very opposite as we emerged from initial lockdown mode. Systems in Maryland and the country at large are experiencing difficulties getting patients off-loaded to definitive care, creating long waits against the wall, as well as downstream challenges for reset and next response. The speakers will highlight some measures they use to monitor the status of the problem, and solutions that may at least mitigate the misery. It turns out that some of these solutions might also change the nature of how EMS integrates with health care.

{1 Hr, BLS: M / ALS: NCCP Individual}

10:45 AM – 11:00 AM: Break

11:00 AM – 12:00 PM: Breakout #3

(3A) Mean Arterial Pressure: Demystifying the MAP

Mustafa Sidik

Cody Winniford

Dr. Timothy Chizmar, MD, FACEP, State EMS Medical Director, MIEMSS

Utilizing various functional physiology concepts, presenters break down the meaning and utility of the vital sign Mean Arterial Pressure and its implications for EMS clinicians.

{1 Hr, BLS: M / ALS: NCCP Individual}

(3B) The Lethal Trauma Triad

James Clopein, Lieutenant, Anne Arundel County Fire Department

Jeannie Hannas, Paramedic/Firefighter, Anne Arundel County Fire Department

Trauma naked, dual IV lines, fluids wide-open - these are all terms we hear often during trauma resuscitation. Through an interactive lecture, this course will provide the learner with the latest and greatest new practices and standards to improve the outcomes of our trauma patients. This course will discuss the pathophysiology and literature behind the interventions that can be performed by BLS and ALS clinicians to improve the outcomes of our patients.

{1 Hr, BLS: T/ ALS: NCCP Individual}

(3C) Emergencies Onboard Commercial Aircraft

Mathew Levy, DO, MsC – Medical Director, Howard County Department of Fire Rescue Services and Region III Medical Director, MIEMSS

This presentation will review commonly encountered medical emergencies onboard commercial aircraft and provide an overview of what EMS clinicians might be requested to help with, as well as the types of medical equipment commonly found onboard commercial airplanes.

{1 Hr, BLS: M / ALS: NCCP Individual}

(3D) Pediatric Sepsis Case Studies: Red Flags

Nicolas Wyhs, NRP, FP-C, Ph.D., ExpressCare, PHI Air Medical

Often, the signs of sepsis in children are subtle and difficult to identify. By performing a primary assessment, obtaining a full set of vitals, and completing a quick secondary assessment focused on specific past medical medications, EMS clinicians can quickly identify red flags and determine how critical the patient is. Through case studies of different ages and patient presentations, this session will focus on the Right Care, Right Transport and Right Destination for our pediatric sepsis patients.

{1 Hr, BLS: M / ALS: NCCP Individual}

(3E) Mass Casualty Incidents...What a Disaster!!!

Joe Cvach, Battalion Chief, Anne Arundel County Fire Department

MCI's vary in complexity and scope at so many levels. The ability to keep calm and focus on the early establishment of a good management system is key to the success of these incidents. This program will review a recent case in the Maryland area and the lessons learned.

{1 Hr, BLS: M / ALS: NCCP Individual}

(3F) LEADing Forward: Training EMS Professionals to Interact with Individuals with Intellectual and Developmental Disabilities

Rae Oliveira, Montgomery County Fire and Rescue Service

Approximately 6.5 million people in the United States are diagnosed with Intellectual Disabilities and Developmental Disabilities (IDD/DD). Most IDD/DD are non-institutionalized and therefore live, work, shop, and interact within the communities served by EMS clinicians. This course will identify characteristics of IDD/DD patients, and how their behaviors and communication abilities may vary from the non-disabled population in crises or emergency situations. Using Self-Advocate Educators (SAEs) with IDD/DD, participants will observe or take part in an emergency scenario for a patient with IDD/DD.

{1 Hr, BLS: L / ALS: NCCP Individual}

12:00 PM – 1:00 PM: Lunch

(4A) Undifferentiated Respiratory Distress - 5 Things You Need To Know

Cody Winniford, Flight Paramedic, ExpressCare / PHI Air Medical

This interactive presentation is designed for the initial responders to "respiratory distress" calls. Vague respiratory distress complaints often confound EMS clinicians, and it is sometimes difficult to differentiate one disease process from another with the standard SAMPLE and OPQRST assessments. This presentation will present a 5-step respiratory assessment designed to identify the underlying cause of the patient's difficulty breathing and integrate tools such as CPAP and ETCO₂ in order to assist these sometimes difficult to manage patients.

{1 Hr, BLS: M / ALS: NCCP Individual}

(4B) You've called for the RSI...now what and what then...

Joe Cvach, Battalion Chief, Anne Arundel County Fire Department

Regardless of your jurisdictional RSI plan, the call for RSI is complicated, and generally there is nothing fast about the process. This presentation will review information and treatment that should occur before, during, and after the RSI process.

{1 Hr, BLS: T / ALS: NCCP Individual}

(4C) EMS Patient Safety & Quality in the 21st Century

Andrew Nauman

While patient safety systems have developed broadly over the past 50 years in hospitals, the same cannot be said for EMS. Every EMS clinician, from EMR to chief officer, has a responsibility for patient safety and quality. This presentation will provide attendees with an understanding of patient safety and quality tools currently available to EMS clinicians and services. Major topics of discussion will include an overview of patient safety/quality programs, how to implement and monitor a patient safety/quality program, and what resources are available to clinicians and services related to patient safety/quality.

{1 Hr, BLS: M / ALS: NCCP Individual}

(4D) Fireworks & Children Should Not Mix... But Sometimes They Do

Cindy Colson, MSN, RN Injury Prevention and Education Outreach Coordinator

Children's National Medical Center

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

{1 Hr, BLS: T / ALS: NCCP Individual}

(4E) Special Operations & EMS: Working Together for Better Outcomes

Ralph Suppa, Lieutenant, Anne Arundel County Fire Department

Special operations calls are few and far between, but when they happen we all need to work together for the best outcomes for patients and personnel. This course will give helpful information on how to keep you and your crew safe, work in conjunction with special operations teams, and recognize when you need to call for a specialty team to complete the mission. Topics covered will include: hazardous materials calls like chemical suicides, chemical leaks, and biohazards; technical rescues (i.e., collapse, trench, confined space, and water); teamwork and losing the "sandbox" mentality; and lessons learned to make you more successful.

{1 Hr, BLS: L / ALS: NCCP Individual}

(4F) First Responders' Role in Recovery

Sandra Gallion

This productive discussion on the ripple effect of the opioid crisis on first responders will review the disease pathway of substance use disorder (addiction), educate on the disease of substance use disorder, and discuss the risk of substance abuse disorder for first responders and how first responders can help those experiencing addiction.

{1 Hr, BLS: L / ALS: NCCP Individual}

2:00 PM – 2:15 PM: Break

2:15 PM – 3:15 PM: Closing Keynote Address

Children & COVID-19 - What We Know, What We Might Learn, and What to Keep an Eye Out for in the Future

Oluwakemi Bukola Badaki, MD, Assistant Professor of Pediatrics

Johns Hopkins Children's Center

Children represented about 1/5 of all reported COVID-19 cases in the United States. And while we know children as just as likely to contract COVID-19, they are less likely to become severely ill. This session will review the incidence and presentation of COVID-19 in children, including Multisystem Inflammatory Syndrome in Children (MIS-C). The session also will discuss the long-term effects of COVID-19 in children – it may not be as simple as you think.

{1 Hr, BLS: M / ALS: NCCP Individual}