



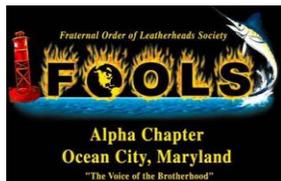
CONVENTION & CONFERENCE

2022 Educational Schedule

*The following training programs are offered by the
Maryland State Firemen's Association (MSFA)
in partnership with the
Maryland Fire and Rescue Institute (MFRI),
Maryland Institute for Emergency Medical Services Systems (MIEMSS),
the National Volunteer Fire Council (NVFC), and the Ocean City FOOLS.*

All are welcome to attend.

*Check the MSFA Information Desk in the Lower Level Lobby of the
Convention Center
for any additional updates to times and locations.*



**Seminar schedule subject to change. Please check the following link often for
the most up-to-date information:**

<https://convention.msfa.org/calendar/category/education/seminars/list/>

Sunday, June 19th, 2022

0800-1200 **FF Survival – Bailouts, Below Grade & High Ladder (4 hour H.O.T.)**

Presented by: OC FOOLS; Brendan Abell, DCFD Res. 3; Mike Paglione, FDNY

This class will teach the basics of FF Survival. In this 4-hour Hands-on class, participants will learn, discuss, and practice various RIT Drills to effectively locate, package, and remove a down firefighter to safety. Through the use of various techniques including Ladder work and window bailouts the instructors will provide a wide array of both self-rescue as well as RIT team rescue operations. This class REQUIRES PPE and Signed Waiver Forms. **To be held at Ocean City Convention Center.**

0800-1200 **Engine Ops. “Know Your Flow” (4 hour H.O.T.)**

Presented by: OC FOOLS; Ray McCormack, Lt. (Ret.); FDNY & Battalion Chief Jay Blake; Montgomery County Fire Rescue

This class will concentrate on operational fundamentals such as proper hose stretching techniques, efficiently laying out your attack line, developing a proper pre-entry checklist, and reading the building. Attendees will also train on standpipe operations, loss of water, rope stretches, flow path hazards, moving the big line effectively and multiple room fire attack. Join us for an extremely informative, skill sharpening session. This class requires Signed Waiver Forms. **To be held at Gateway Grand Parking Garage 48th Street, Ocean City.**

0800-1000 **Engaging At-Risk Populations to Reduce Safety Risks for Fire & EMS**

Room 201 Presented by: Dr. Candice McDonald; Success Up Life, LLC

This workshop will help fire service personnel learn how to better relate to hard-to-reach populations to increase empathy, deliver effective education, build community collaborations, and positively affect change within their community to reduce life safety risks. Attendees will gain an understanding of why barriers exist and how to reach these vulnerable populations to create a culture of safety. This keynote will not only inspire attendees to embrace change but will also offer the steps to create personal and organizational change.

0800-1200 **Pet First Aid and CPR**

Room 202 Presented by: Mark Driscoll; Rescue Encore, LLC

More and more fire departments are carrying pet oxygen masks on their apparatus these days, making it crucial for first responders to understand how to appropriately size an oxygen mask for fit to the animal as well as what flow rates are required for different animals. Upon completing this class, first responders will feel comfortable performing CPR, applying an oxygen mask, and performing rescue breathing for both cats and dogs.

Training includes a step-by-step format for CPR, as well as how to treat heat and cold injuries, choking, snake bites, shock, bleeding control, poisoning, and more

0800-1000 **Engine Operator Hydraulics**

Room 203 Presented by: OC FOOLS; Mark Misek, Captain; Wichita Fire Department

Engine Operator Hydraulics 101 will cover the fundamental basics of fire ground hydraulics and help attendees understand the importance of them. The class will also help experienced operators make sense of how to develop and implement a system for achieving proper pumping pressures on the fire ground. Students will be provided resources such as example pump cards to help them build their own in their fire department.

0800-1000 **It’s Ok to Say I’m Not Ok**

Room 204 Presented by: David Lewis, Instructor; NFA, MFRI, and UMD

As individuals, we carry the weight of everyday stresses around each day: work, family, financial status, having more time to enjoy life. Couple that with the mental stresses of emergency response: witness to life and

property loss, sleep deprivation, poor nutrition, and we are equal to a ticking time bomb. Come learn how to identify the signs of stress and how to combat stress in order to maintain mental wellness.

After attending this presentation, you will:

- * Understand the mental stresses of firefighting and EMS
- * Learn how individuals react to stress
- * Discuss actions needed to combat stress
- * Identify resources for member support

0800-1000 **When to Call A Fire Investigator/ Smoke & CO Alarm Requirements**

Room 205 Presented by: Office of the State Fire Marshal; Bruce Bouch

This class will be taught by various OSFM staff. The Office of the State Fire Marshal performs primary origin and cause investigations in 16 of the 23 Counties. This class will provide company officers with the knowledge to make the appropriate call for a fire investigator. The class will describe what a fire investigator should respond to, what they are looking for during scene examinations, how the company officers should maintain a scene once it is determined a fire investigator is needed, the preservation of evidence, and examples of evidence that may allude to the need of a fire investigator. With being responsible for such a large territory the OSFM relies on company officers to have the knowledge and expertise to ensure the proper response of an investigator.

This session will also provide personnel with a better understanding of the Smoke Alarm & CO Alarm requirements in the State of Maryland, to include proper installation, what to look for on incident scenes, Current State and NFPA Code requirements, and to discuss emerging technologies in both Smoke and CO alarm technologies.

0800-1000 **Cancer Reduction - A No-nonsense Approach**

Room 206 Presented by: Shawn Downs; Deputy Fire Chief; DCFD

This course will dive into firefighter cancer statistics and causes, and will bring achievable, practical applications to the attendee, that will go a long way in the reduction of those statistics. While the course will have a slide-show presentation, it is meant to be very interactive and engaging. Students should expect to gain a knowledge of the causes of cancer in the modern day firefighter, but also real life techniques that will drastically reduce the likelihood of developing this awful disease. Topics included are: types of cancer, rates of cancer, exposure facts, SOG updates and recommendations, post-fire decontamination, the need for a 2nd set of PPE, physicals, blood screening, and a host of other topics. This course should be expected to last two hours and can be presented on more than one occasion if there is a need for it.

0800-1000 **Planning and Implementing a Training Program**

Room 215 Presented by: National Volunteer Fire Council

This course reviews best practices for creating a robust training program in a volunteer fire department. You will learn how to ensure your training program produces positive outcomes, accomplishes training goals, and prepares members to run safe and effective operations.

0800-1600 **Maryland EMT Skills Recertification (1st of 2 sessions – 6 hours)**

Room 217 Presented by: MFRI

This is the 12-hour psychomotor skills session required for Maryland EMT recertification. Class will be conducted in two six-hour sessions. PLEASE NOTE – The student will still need 12 hours of continuing education either online through MFRI or physical attendance at several available sessions.

1015-1215 **Child Passenger Safety**

Room 201 Presented by: Susanne Ogaitis-Jones, MIEMSS; Monte Crown, Montgomery County Fire and EMS, (Ret).

Fire and EMS personnel sometimes transport children in vehicles other than ambulances. What are the essential things to know and do to keep children safe? What new restraints, features on car seats, or products are available, and what makes them helpful for certain situations? This workshop will combine Power Point

lecture, video, and hands-on activities with car seats, training dolls, and a vehicle seat simulator. Resources on CPS will be shared with attendees.

If you have not read a car seat manual or seen a training video in the last couple years then your information and skills in child passenger safety may be out of date, and this workshop is for you!

THIS CLASS HAS BEEN APPROVED FOR CONTINUING EDUCATION CREDITS

1015-1215 **Hazards of Knee Walls**

Room 203 Presented by: OC FOOLS; Jonathan Hall, Captain; Saint Paul, MN Fire Dept

According to 2017 Natation Fire Protection Association statistics, fires in one- and two-family homes accounted for 53 percent of all structure fires. Often, these fires occur in dwellings that contain occupiable half-stories constructed with knee walls, which present tremendous challenges to responding firefighters and have resulted in numerous Maydays. Building construction containing knee walls can be found in most every community from urban to rural, in older legacy homes, as well as in modern pre-manufactured truss homes. Knee walls can conceal tremendous amounts of combustible gases that are waiting for the proper mixture to ignite. Members can easily be on the fire floor with no smoke and little to no heat conditions. As soon as members open up the knee walls, extreme fire conditions can erupt with little to no warning. Students will learn the severe hazards that knee walls present, how to recognize them early, and how to safely mitigate incidents involving them.

1015-1215 **Protecting Remote Communities**

Room 204 Presented by: Allen Baldwin, Assistant Chief; Stafford County, VA

This presentation will discuss the challenges that remote communities pose and how to overcome them.

1015-1215 **Crash Injury Research**

Room 205 Presented by: Alicia Chavez, Senior Research Analyst; Nat'l Study Center for Trauma & EMS

The CIREN process combines prospective data collection with professional multidisciplinary analysis of medical and engineering evidence to determine injury causation in every crash investigation conducted.

The mission of the CIREN is to improve the prevention, treatment, and rehabilitation of motor vehicle crash injuries to reduce deaths, disabilities, and human and economic costs. The current CIREN model utilizes two types of centers, medical and engineering medical centers are based at level one trauma centers that admit large numbers of people injured in motor vehicle crashes, such as R. Adams Cowley at the University of Maryland. These teams are led by experienced trauma surgeons and emergency physicians. The teams will also include a trained crash investigator and project coordinator. Engineering centers are based at academic engineering laboratories that have extensive experience in motor vehicle crash and human injury research. Engineering teams' partner with trauma centers or emergency rooms to enroll crash victims into the CIREN program. Engineering teams are led by highly experienced mechanical engineers, typically trained in the area of biomechanics. Engineering teams also include trauma/emergency physicians, a crash investigator and a project coordinator. Either type of team typically includes additional physicians and/or engineers, epidemiologists, nurses and other researchers.

1015-1215 **Intoxicated Leadership**

Room 206 Presented by: Benjamin Martin, Ph D.; Embrace The Resistance

Intoxicated Leadership takes the distinctive approach of helping students understand the role our emotions play in either aiding or undermining leadership efforts both in emergencies and back at the station. Our flagship program reviews how our body processes and primes us to respond to conflict--including a review of emotional intelligence, common communication mistakes, conflict management, and executive functioning. Using this information, we can become more effective at answering the leadership challenges awaiting us.

1. Understand the Acute Stress Response Effects That Arise During Conflict (Tunnel Vision, Auditory Exclusion, Learning & Skill Acquisition, Working Memory)
2. Learn Techniques for Reclaiming Strategy When Under Pressure (Emotional Intelligence)
3. Identify Strategies and Tactics for Providing Feedback & Inviting it from others (Exerting Influence vs. Control, Communication Missteps)

1015-1215 Bike Safety; Making a Difference in Your Community

Room 215 Presented by: Diane Lee, Bike Safety Educator; MIEMSS EMSC

The presentation will cover the importance of wearing a bike helmet correctly on every ride. Head injuries are the leading cause of injury and death to bicycles, and helmets are a proven safety measure. Attendees will participate in a hands on demonstration of correct helmet fit which is appropriate to use with all age groups. Presenter will review the resources made available throughout the state by the MIEMSS Bike Safety Grant provided by the Maryland Highway Safety Office, including display and presentation resources available to borrow, as well as just in time training supplies and take home reminders available from the MIEMSS office in Baltimore. Examples of supplies will be available for participants to view and take home in small quantities, with instructions on how to order additional copies if needed, including posters, magnetic helmet reminder signs, and helmet fit and safety check lists. Additional online resources including PSAs, training video, poster PDFs, and sample bike safety social media posts will be highlighted. This presentation will share safe methods for both normal and contactless distribution.

THIS CLASS HAS BEEN APPROVED FOR CONTINUING EDUCATION CREDITS

1300-1700 FF Survival – Bailouts, Below Grade & High Ladder (4 hour H.O.T.)

Presented by: OC FOOLS; Brendan Abell, DCFD Res. 3; Mike Paglione, FDNY Ladder 27

This class will teach the basics of FF Survival. In this 4-hour Hands-on class, participants will learn, discuss, and practice various RIT Drills to effectively locate, package, and remove a down firefighter to safety. Through the use of various techniques including Ladder work and window bailouts the instructors will provide a wide array of both self-rescue as well as RIT team rescue operations. This class REQUIRES PPE and Signed Waiver Forms. **To be held at Ocean City Convention Center.**

1300-1700 Hydrant to the Nozzle; Drafting and Flowing (4 hour H.O.T.)

Presented by OC FOOLS; Keith Niemann, Captain; Wichita FD, Fools of OZ

This class will go through Apparatus and Design Features, equipment and flows, pumping operations to include getting the most out of hydrants and drafting, hose bed layout and setup for maximum versatility, and flowing/moving hose-lines. We can do this in an open parking lot, as long as we have hydrants and something to draft from we are good. This class requires Signed Waiver Forms.

To be held at Ocean City Commercial Harbor.

1300-1500 Make Positive Changes That Stick!

Room 202 Presented by: Karen Deppa, Mike Donahue; PilotLight Resilience Resources

Habits involve repeating a behavior and getting rewarded for it, so that it is repeated over and over, without conscious thought. Exactly the reason that we train again and again on basic evolutions. However, we overlook the outsize role that habits play in our lives. We tend to interpret all of our actions as intentional, believing that we are always “in charge.” In fact, habits control a much greater percentage of our behaviors than you might guess.

Depending on what the habits are, the fact that we are very much creatures of habit can be a good thing or a bad thing. Once we understand how habits work -- how they are formed, reinforced, and broken -- we have not only the ability, but arguably the responsibility, to apply research-based principles to form habits that enrich our life, rather than detract from it.

Goals that require repeated behaviors in order to achieve success – such as physical fitness or applying resilience skills to improve our behavioral health – require us to form new habits and change old habits. Approaching habit formation in a structured way can set us up for success.

Drawing on the science of habit formation, instructors Karen Deppa and Mike Donahue will describe the three factors that work together to form habits, both good and bad. They will then offer research-backed strategies that work to create new habits and break unwanted habits. Finally, students will be asked to identify a

productive habit they would like to form and an unproductive habit that they would like to break. Instructors will guide students to develop a plan for achieving the change they seek.

1300-1500 **The Good, Bad and Ugly of the Fire Service**

Room 203 Presented by: OC FOOLS; Tim Jerscheid, Anne Arundel County FD (Ret.), Deputy Chief; Stockton VFC

The good the bad and the ugly of the fire service. Interactive discussion into all subjects of the fire service from nozzles to mental health and the stigmas attached to them. No subject will be left out there is nothing we won't discuss. So, bring your opinions and ideas. This class is an open forum for general fire service discussions, history of the fire department, deep traditions of the fire service.

1300-1500 **Possible Drowning; The Calm Before the Storm**

Room 204 Presented by: Mary Alice Van Hoy, RN; Manager, Shore Emergency Care, Queenstown, MD

It is estimated that > 90% of drownings are preventable. When water is aspirated into the airways, a cascade of physiological events occur effecting ventilation and perfusion with long term effects and death. Early recognition and interventions are vital for any patients even those with short exposure. Don't let the less acute presentation affect your assessment; It can be the calm before the storm.

THIS CLASS HAS BEEN APPROVED FOR CONTINUING EDUCATION CREDITS

1300-1500 **Affordable College for Volunteers**

Room 205 Presented by: Mark Driscoll; Rescue Encore, LLC

It's no secret that recruitment and retention efforts throughout the volunteer fire service struggle to maintain adequate staffing levels throughout the nation. By combining a new way of approaching recruitment and retention with educational programs that are readily available to all, the volunteer fire service can take advantage of fire service training courses, free online college courses, and grant-funded College Level Examination Program (CLEP) exams to offer benefits to its members that rival the Montgomery GI Bill.

The Affordable College presentation will explain college degree requirements, outline ways to convert fire service training into college credits, highlight some of the leading programs to complete general education requirements for free, and discuss how to build a volunteer network that fosters educational advancement for both your riding and administrative members. The best part is that these benefits are available to all, whether you are a seasoned professional or a high school cadet looking to prepare for life after graduation.

Presentation will cover:

Understanding College Degree Requirements *Low Cost & Quick Turnaround Options *Helpful Resources
Open Discussion – Q & A

1300-1500 **Safeguarding Your Identity**

Room 206 Presented by: Michael Le Compte, MS; (Ret.) Police Officer and Crime Prevention Coordinator, Ocean City PD; Volunteer Firefighter, Ocean City, MD

Identity Theft is the fastest growing crime in the world. It now accounts to losses of several millions dollars to the citizens of the United States, annually. Identity Theft is when someone "pretends to be someone else" by assuming the person's identity, typically in order to access resources or obtain credit and other benefits in that person's name and typically occurs when someone uses another's personally identifying information, like their name, social security number, or credit card number, without their permission, to commit fraud or other related crimes. . This class will discuss what it is, how it can happen to each of us, new prevention techniques, and actions to take after your identity has been stolen from you! The class will address both personal and commercial loss.

1515-1715 **Generational Leadership**

Room 205 Presented by: OC FOOLS; William Holt, Olathe Fire Department

Times have changed and with that so have the fire service. The way we learn, the way we teach and the way we fight fires have all been affected. From the senior man to the rookie, we will look at the influences, history, generations and current events that affect the way we do business.

Monday, June 20th, 2022 **MSFA Seminar - MFRI - H.O.T. Class OC FOOLS – OC FOOLS Seminar**

0800-1700 **Heavy Extrication - 8 Hour H.O.T. Class**

Presented by: OC FOOLS; Derrick Crippen, Lt., PGFD

We plan on setting up several stations for the students to work through with heavy extrication. This will include car underride of a trailer. A dump truck or another large truck overturned on a vehicle and discuss chains, slings, hydrofusion struts, and various stabilization options. An additional station to show how to lift a heavy truck, showing the differences in weight ratings between standard vehicles to see how important the effects have on your equipment for these challenging incidents. The last scenario will challenge the students from the information they learned that day to include lifting a heavy truck, winching operations, stabilizing a heavy object such as concrete etc. One station will include a guardrail intrusion scenario through a car pinning a pt. requiring extrication. This class requires Signed Waiver Forms. **To be held at Berlin Fire Company; Berlin, MD**

0800-1000 **Human Trafficking; FOOLS EMS Seminar**

Room 205 Presented by: OC FOOLS; Det. Justin Hoban, OCPD

Justin Hoban is a detective with the Ocean City Police Department, Criminal Investigation Division. He is an officer on the task force that works with Homeland Security on human trafficking. He will talk about what human trafficking is, what it looks like, what we as EMS providers should look for, what we should do if we think someone is being trafficked. This class will provide 2 hours of medical continuing education.

0800-1600 **Maryland EMT Skills Recertification (2nd of 2 sessions)**

Room 217 Presented by: MFRI

This is the 12-hour psychomotor skills session required for Maryland EMT recertification. Class will be conducted in two six-hour sessions. PLEASE NOTE – The student will still need 12 hours of continuing education either online through MFRI or physical attendance at several available sessions.

0800-1500 **PDI Instructor Training 6 hour – CANVAS 99**

Room 215 Presented by: MFRI

In this program students will learn how to navigate through canvas to find and use common course materials. They will also: create/send/receive email via canvas, create/administer a classroom assignment, create a group assignment, create/administer a quiz, utilize speed grader, utilize quiz statistics, create a zoom meeting in canvas, upload/download files, create a discussion board. This is an in-person class. All students must bring a laptop or tablet.

1015-1215 **Engine Basics**

Room 205 Presented by: OC FOOLS; Sid Newby, Battalion Chief (Ret.); Wichita FD

The purpose of this class is to provide and demonstrate practical drills that members of an engine company can perform to be proficient at one of the most important jobs on the fire scene: Extinguish the Fire! To practice and perform engine company work regularly using fire ground proven methods. To learn the duties of an engine company correctly and efficiently- "Take Time to Make Time".

1015-1215 **Decisions Under Fire**

Room 206 Presented by: OC FOOLS; Ron Smith, Captain; City of Gary, Ind. FD; Owner, Streetwisefire.com

When faced with complex decisions that will determine a life-or-death outcome in a time compressed environment, a choice will be made, good or bad and we, as emergency responders will have to live with and

possibly justify the actions that were taken. Solving tough problems requires the ability to define the true problem, analyze the possible options, select the most feasible option and then implement it. In this session we will discuss the difference between risk assessment and managing risk. We will also cover the methods and benefits of critical decision making on the fire ground and the problems associated with delayed or poor choices.

1300-1500 You Don't Know What You Don't Know; Actual LODD Details

Room 201 Presented by: William (Bill) Carey; First Arriving, LLC

This presentation is created to provide and understanding of the line of duty death definitions and criteria from four national fire service organizations: United States Fire Administration (USFA), National Fallen Firefighters Foundation (NFFF), National Fire Protection Association (NFPA), and the International Association of Fire Firefighters (IAFF). The presentation shares how data is compiled and presented and then how this data is mistakenly reported and shared.

With a primary focus on the victims' activity types in the area of interior firefighting, attendees will learn how the data presented in yearly reports does not show a true picture of firefighter fatalities. Attendees will also see how some data, when compared with fatality investigation reports, department reports, and news stories, is often incorrect and left incorrect in yearly reports. A specific look at Maryland firefighter fatalities will show details not well known.

A second focus will show how fire service organizations, publications, websites, and individuals incorrectly use fatality data for personal promotion or organization identity perpetuating an unrealistic picture of death and risk. Attendees will see how social media plays a part in the misunderstanding of our fatality data. Presentations have been created and done for the following: Andy Fredericks Training Days (VA), Art of Firemanship Days (PA), South End Rescue Days (MD) and quoted and referenced in several articles and presentations done by others.

1300-1500 Don't Risk IT! Risk Control for Mid-Level Managers

Room 202 Presented by: Richard Gurba, ETC Technical Writer, Site Admin; VFIS

This session reintroduces the participant to risk control with emphasis on identifying, managing, and controlling risk as well as potential risk pitfalls in ESOs. The overall goal is to provide an understanding of how each individual position within an organization plays an integral and vitally important role in overall risk reduction. Risk reduction will aid in the creation and sustainability of a safety culture within your organization. Additional topics include written policies, rules, and regulations including equal and equitable enforcement. The program is instructor-driven and interactive through group discussion. The program concludes with a review of case studies covering various risks including vehicle operations, medical malpractice, general liability from a facilities perspective, and employment practices liability.

The program is designed for field supervisory personnel and training officers in career, volunteer, or combination departments both fire and EMS.

Objectives

1. Define risk management and risk control
2. Identify areas of risk within the context of fire and EMS service delivery
3. Better understand how all positions within an ESO contribute to risk reduction
4. Review case studies and apply lessons learned to participant's ESO

1300-1500 Harvesting the Money Tree

Room 203 Presented by: David Lewis, Instructor; NFA, MFRI and UMD

Today's volunteer emergency services leaders are challenged with meeting the financial demands of sustaining current operations and funding the high costs of equipment and apparatus replacement. Each year, there are grant opportunities to help solve these financial problems. You just need to learn the rules for writing a winning proposal. Come prepared to develop your grant writing skills in this interactive workshop that will challenge you to write a better proposal.

Learning objectives:

- * Understand the importance of financial planning to meet mission objectives

- * Learn the eligibility and requirements for the "Big 3" FEMA firefighter grant programs (AFG, SAFER, FP&S)
- * Demystify the grant application process through breaking down the application process
- * Learn how to develop grant narrative proposals that help direct successful grant applications

1300-1500 How Safe Is Too Safe?

Room 204 Presented by: TJ Gagliano, Fire Specialist; Baltimore County Fire Dept

Over the last several years, there has been a push to discontinue the practice of interior fire attack or operating in the “offensive” mode on the fire ground. Historically data collection and analysis has focused on the “negatives” associated with operating on the fire ground, this being property loss, civilian fire fatalities, and firefighter line of duty death. It has not been until recent years that the fire service has begun to track “grabs” or the civilians we save. The data subset most frequently used to discourage the practice of interior fire attack is firefighter line of duty death. We are told year after year about the high number of firefighter line of duty deaths. However, data from the US Fire Administration clearly shows a decline in firefighter line of duty deaths since tracking began in the 1970’s. With a few notable exceptions such as 9/11 and the last two years due to COVID-19. Yet, there is now a push more than ever to discontinue the practice of interior fire attack. Despite this, the fire service has far more education, PPE, and tools as opposed to years prior. Throughout this course we will examine over 20 years of firefighter line of duty deaths and examine the causes of death in the line of duty to highlight the need to continue interior fire attack in the fire service.

Objectives:

- Analyze 20+ years of LODD reports
- Examine the causes of firefighter LODD
- Justify the continued practice of interior fire attack

1300-1500 Ladders for Deuce

Room 205 Presented by: OC FOOLS; Mark Torres, FF/PM; Chicago Fire Department

This lecture will discuss ladder operations for minimum manning departments. How to successfully use your manpower wisely. We have all been in the situation of needing to throw ladders and perform multiple operations when we do not have the proper staffing. This class will teach you several ways and techniques to assist you with performing job functions with limited personnel. We will also discuss: Two ladder Operations, Courtyard carry, assortment of tools you might need to take with you. How you can use multiple ladders for window rescues and vertical ventilation. Finally, what ladders do you carry on your apparatus and how will they best be utilized?

1300-1500 Fire ground Contaminant Exposure Control Approaches and Challenges

Room 206 Presented by: Dr. Jamie McAllister, Dept. of Fire Protection Univ., UMD

The seminar will present the results of a FEMA-funded study conducted by the Maryland Fire and Rescue Institute (MFRI) and the Department of Fire Protection Engineering at the University of Maryland (UMD). Attendees will learn about requirements for contaminant exposure control set forth in various NFPA standards, as well as, recommended industry best practices. The research study included a regional and national survey of contaminant exposure control programs and a regional workshop to discuss successes and challenges faced by Health and Safety Officers (HSO) related to the development, implementation, and management of program policies.

Attendees will learn about the current approaches being used by fire departments regionally and throughout the US. Action items intended to address challenges faced by HSOs were also developed during the regional workshop. These action items will be presented and discussed during the seminar. The following are seminar learning objectives: (1) Identify requirements for contaminant exposure control as set forth in NFPA 1500 and other relevant NFPA standards, (2) Identify recommended industry best practices for contaminant exposure control, (3) Identify current approaches utilized by fire departments in the DC, Maryland, and Virginia region and throughout the US, (4) Identify challenges faces by HSOs in development, implementation, and management of contaminant exposure control policies and remedial measures to address these challenges.

1515-1715 Resiliency: The Servants Code

Room 201 Presented by: Charles "Chuck" Robinson, MA, LADC-MH; Origins Behavioral Healthcare

What does it mean to be resilient? (Define resilient and make application to the fire service)

Why is resiliency important? (Core precepts of resiliency and investigation of the precepts)

Does trauma make someone less resilient? (Discuss the effects of trauma pertaining to resiliency)

Can resiliency be taught? (Answer questions of if it can be taught or if it ingrained in a person)

Application of the precepts of resiliency for the firefighter and development of "code" as a reminder for self-care.

1515-1715 Bringing Family Back in the Fire House

Room 202 Presented by: Allen Baldwin, Assistant Chief; Stafford County, VA

The presentation will take a look at the importance of our two families. The one at home and the one at the station and how to make sure we never lose it and what we can do to bring it back. Discussion will include lessons learned along with sharing ideas to help build strong families

1515-1715 Death, Rebirth and a Whole New Attitude

Room 203 Presented by: Randolph Feltner, Battalion Chief; Naval District Washington

On October 11th, 2018 I suffered a major heart attack and went into cardiac arrest on duty. I thought my career was over; my life's work had come to an end. Little did I know, it was just the beginning. My pity party quickly turned into motivation to be even better after learning of the death of a fella Virginia Firefighter on the same day. The months at home off duty gave me time to reflect on my performance as a leader at home and on the job or as it turned out, lack thereof. A complete shift in attitude was the catalyst to personal and professional success but more importantly allowed me the privilege to help others succeed as well. We have created 12 simple rules to succeed at home and in the firehouse.

1515-1715 Buildings on Fire; Tactical Risks & Operational Safety for the First Due

Room 204 Presented by Christopher Naum, Chief, SFCE; Syracuse, NY

Arriving companies and personnel at today's structure fires must be able to rapidly and accurately identify key elements of a building, process that data based upon a widening field of variables, present on today's evolving fire ground and implement timely actions that address prioritized actions requiring intervention. This program will present tactical risks and key considerations for the first due company, company officer, and commander affecting and influencing operational risk management, command and tactical safety, and tactical protocols based upon occupancy risks, reading the building and adaptive management principles. The program will address main street buildings, large area residential, mega-mansions, new and old residential, and commercial.

1515-1715 Fire Service Saws

Room 205 Presented by: OC FOOLS; Tai Rondeau, FF/PM; Milwaukee Fire Department

The students will look at common problems with saws in the station. This class is designed to discuss pros and cons about the different saws and blades. The proper use of the saws, the sharpening process to make sure things are correctly completed. Proper maintenance of the saws. How to reduce the cost of repairs and keep the repairs in house. Students will also learn troubleshooting techniques for saw operations. This class is designed to assist departments with reducing costs and repairing saws as well as proper education of saw maintenance and operations.

1515-1715 Leadership for Fire and EMS Services

Room 206 Presented by: National Volunteer Fire Council

Quality leadership is essential for the fire and emergency services to accomplish the mission and improve your department. This course examines leadership styles, qualities, ethics, and best practices to help your department function at a high level and avoid fire and emergency services leadership pitfalls. New retention research will also be discussed to help leaders understand retention concerns and identify solutions.

1515-1715 Necrotizing Fasciitis; Case Studies Across the Ages

Room 215 Presented by: Mary Alice Van Hoy, RN; Manager, Shore Emergency Care, Queenstown, MD

Objectives

1. Identify three sources of necrotizing fasciitis
2. Discuss the clinical presentation of the acute, fulminate and sub-acute
3. Discuss the therapeutic management of the infected patient

Necrotizing Fasciitis is a rare life-threatening bacterial infection characterized by a rapidly spreading inflammation resulting in necrosis of the subcutaneous tissue and superficial fascia. While there are a variety of bacteria which can cause this infection, early recognition and intervention is imperative for survival. Case studies vary from an insect bite, dental work, small puncture to someone swimming in the water especially on the Gulf, Pamlico Sound, and the Chesapeake Bay.

THIS CLASS HAS BEEN APPROVED FOR CONTINUING EDUCATION CREDITS

1515-1715 Training Those That Lead; Officer, Senior FF Development

Room 216 Presented by: OC FOOLS; Mark Gregory, Captain; FDNY Ladder 176

"The fire service is not the same as it was 25 years ago. Tailboard riding is out, bunker gear is in and YES, fires are burning hotter than ever before. Our aggressive nature is good but we must be educated in today's pitfalls to attain positive results. This program is designed to discuss these issues and how today's fire officer and senior firefighter can mold a company / department of "Street-Smart Firefighters". Emphasis will be on the role of the company officer. Topics to be discussed will include:

- Evaluating ourselves as leaders
- History – How it can affect our success
- Modern Fire Behavior & Construction's effect on fire attack
- Vent-Enter- Isolate & Search, is it practical in the urban and rural setting
- Size-up & Effective Radio Communications
- "The 10 Minute Drill" – motivating our people to want to learn
- Dealing with "Dinosaur Eggs"

Tuesday, June 21st, 2022 MSFA Seminar - MFRI - H.O.T. Class OC FOOLS – OC FOOLS Seminar

0800-1200 H.O.T. Class; Ladder Romance (4 hour)

Presented by: OC FOOLS Mike Torres, FF/PM; Chicago Fire Department

Aggressive basic techniques for ladders operations. Course will cover ladder operations for those either assigned or not to a truck company and will show multiple ways to perform raises, operations, and tactics for correct placement of ladders. The course is designed to show successful ladder operations even with minimum staffing. This class requires Signed Waiver Forms. **To be held at OCFD 15th Street, Ocean City.**

0800-1000 Fire/EMS Officer Training: Managing Psychosocial Spiritual Health Program

Room 201 Presented by: Chaplain Richard "Chappy" Bower

In this training block, Fire Chiefs, Officers and Presidents will be able to explain why a Chaplain is a "Force Multiplier" to the Fire/EMS companies by:

- Stating the increased difficulties of fire Officers due to new building techniques and materials
 - Explaining the increased responsibilities upon Fire Officers
 - Stating the meaning of command being "In Superior"
 - Listing the three primary areas of the Chaplain responsibilities
 - Possessing the ability to explain them to others in their departments:
1. Fire Department Staff Officer for Members Assistance
 2. Primary Fire Staff Officer for Retention of Fire Department personnel
 3. Fire Department Operational Responsibilities
- Understanding the difference between a spiritual and a religious well-being
 - Realizing how the trained Chaplain can manage the Fire Chief's psycho-social, emotional and spiritual program

0800-1200 **Volunteer Fire Service Culture: Essential Strategies for Success (4 hrs)**

Room 202 Presented by: David Lewis, Maryland Director; National Volunteer Fire Council

The NVFC published the textbook *Volunteer Fire Service Culture – Essential Strategies for Success* as a guide to fire service leaders who desire to change their department's culture and attitude towards personal health and safety. This training delves into key points from the guide to reinforce the need for change and provide a roadmap for implementation of change to improve the health and safety of volunteer fire and EMS responders.

0800-1000 **Top of the Mountain Leadership**

Room 203 Presented by: Tiffany Prince; Prince Performance, LLC

Are you striving to hit the top of the mountain on your success at your organization? If you aspire to be the next generation of leader to reach the summit, it is critical to have key leadership skills to engage and motivate your teams to higher performance. Leadership begins with those who hone their personal and interpersonal skills. To be seen as a leader, you need to learn to influence people, give meaningful feedback, drive change and produce results.

0800-1000 **Pediatric Out of Hospital Cardiac Arrest**

Room 205 Presented by: Dr. Jennifer Anders; Johns Hopkins University

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. First the care givers (family, friends, child care) need to create safe environments and recognize when a child is in distress or arrest and take action - CPR, AED and 9-1-1 call. Then - the focus is High Performance CPR for infants, children and adults (okay teens). Pediatric HPCPR starts with EMD instructions to the layperson to start and continue CPR & use an AED if present. 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. Children are NOT small adults – the equipment is different sizes. But they deserve the same intentional on scene time, standardized range of dosages, and precision in CPR from Clinicians. Dr. Jen Anders has a challenge for every station – “It is in your hands” learn what needs to change in the delivery of CPR to children. Stay and practice on manikins that give feedback.

Objectives: At the end of the workshop, participants will be able to:

1. Review the epidemiology and outcomes of pediatric out of hospital cardiac arrest
2. Describe the on scene timeline and critical steps in pediatric HPCPR
3. Discuss strategies to empower the public to start CPR on infants & children

THIS CLASS HAS BEEN APPROVED FOR CONTINUING EDUCATION CREDITS

0800-1000 **Fire Officers in the Political Arena**

Room 206 Presented by: Allen Baldwin, Assistant Chief; Stafford County, VA

How the fire service needs to be knowledgeable, engaged, prepared (informed/educated) in today's political arena. We can no longer just sit back and think we will be consulted or have perceived or real power as our forefathers did. We must be out there, out front being seen and heard to be successful and effective. Tips and lessons learned to help you prepare for today's arena will be discussed along with helping you develop a plan for participating in your arena.

0800-1200 **Man vs. Machinery; 4-hour lecture/hands on**

Room 215 Presented by: OC FOOLS; Mark Gregory, Captain; FDNY

Machinery Entrapments occur all across the United States and Canada. Is your department capable of handling one? The objectives of this program are to provide responders with the knowledge to help manage incidents involving extrication of patients from various types of machinery. Both common machinery and machinery specific to locations within your response area will be discussed. This is a highly specialized skill set and caring for victims/patients entrapped in machinery requires providers to be trained in specific treatment

modalities and the possible complications that may arise. Tool selection, patient stabilization techniques, and crush injury syndrome will be discussed as well as several actual case studies

0800-1500 **PDI Instructor Training; 6 hours EMT Update, Helping your Students Succeed in EMT Class- Tuesday PDI**

Room 217 Presented by: MFRI

This class is for EMT Instructors. It will consist of 3 areas.

1. Preparing students for practical exams.
2. New equipment will be introduced.
3. An orientation to all of the resources available for instructors and students including books, workbooks, active learning exercises and canvas resources that are available.

1015-1215 **Your New Rig is on Order, Now What?**

Room 201 Presented by: Allen Baldwin, Assistant Chief; Stafford County, VA; Tom Shand

This program would focus on what the apparatus committee should expect in preparing for the preconstruction conference, change order approval process, review and sign off on production materials. There are any number of technical material that should be reviewed by the committee including weight analysis, electrical load analysis, turning radius, equipment placement and warranty statements that should be part of your departments contract documents. Time preparing for your preconstruction meeting, whether virtual or in-person will help to ensure positive results at the final inspection.

1015-1130 **Know Your Gear**

Room 203 Presented by: Tom Miller, Fire Chief (Ret.); DCFD

In order to meet the National Fire Protection Association (NFPA) standards 1500: Standard on Fire Department Occupational Safety, Health and Wellness Program and NFPA 1851: Standard on Selection, Care, and Maintenance of Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting, firefighters must be trained on how to maintain their personal protective equipment (PPE) and select their PPE. The “Know Your Gear- Overview” program reviews how and why firefighters need to maintain PPE and select the proper PPE. Continually, the program reviews the fire departments required risk assessment and standard operating guidelines for the maintenance and selection of PPE.

The program mission is to lower firefighter injuries and acquired diseases such as burns and cancer.

1015-1215 **Preparing FF to Become Apparatus Operators**

Room 204 Presented by OC FOOLS; Melvin Thomas, (Ret.) AACO Engineman

Instructor will focus on the in-station preventative maintenance, expectations of pump operators, station duties, driving responsibilities and expectations of the apparatus operators from others responding to scene. This class will focus on the day to day operations of a pump operator and what information they need to know in order to operate successfully at a fire ground or emergency incident that they would be responding too. This class is not designed to be a pumps training class but rather all the operations that a driver/operator is expected to complete in a normal shift.

1030-1230 **Getting the Most Out of Recruit Training**

Room 205 Presented by; OC FOOLS; Keith Niemann, Captain; Wichita FD, Fools of OZ

Many of us have experience teaching at the company level but when it comes time to teach new recruits, or take over a recruit training program the responsibilities are quite a bit different. This Lecture goes over how to organize the recruit training program, teaching methodology to get the most out of the new people, and a ton of drills and exercises to make sure they get to where you need them skills wise.

1015-1215 Mental Health: What You May Not Know

Room 206 Presented by: Charles, "Chuck" Robinson; Origins Behavioral HealthCare

If you haven't had personal experience with Mental Health Issues, what are you looking for and how do you refer persons that present with undiagnosed mental health issues. "Know when to hold them and know when to fold them". A basic instruction on the personality disorders and mood disorders. Power point will be used and can be sent early if necessary.

1300-1500 Safe Sleep Environment; Take The Steps to Prevent SUID

Room 201 Presented by: Cyndy Wright-Johnson, MSN RN, Dir. EMS for Children MIEMSS

Sudden unexpected infant death (SUID) is a term used to describe the sudden and unexpected death of a baby less than 1-year old in which the cause was not obvious before investigation. The causes of sleep related infant death include entrapment, strangulation, suffocation, and sudden infant death syndrome. Nearly 3500 infants die each year in the USA. In Maryland, 264 infants died in the five years between 2015-2019. These deaths often happen during sleep or in the baby's sleep area. Come learn the A B Cs that need to take place in every home in Maryland so that 9-1-1 responding first responders (Law Enforcement, EMS, Fire & Rescue) do not have to start clinical ABCs. Creating a safe sleep environment is not expensive. Safe Sleep positioning needs to occur every time – in Maryland only 19% of the infants who died were in a crib or bassinet yet 61% had one available. This presentation will focus on the prevention teaching tools for community outreach, the items to look for in a quick 'home scan' when responding, and the new (2021) investigation tools (dolls) available to forensic investigators in Maryland after a SUID case is identified.

Objectives:

1. Discuss the importance of Alone, Back and Crib as a daily practice for infant safe sleep.
2. Recognize the contributing factors in the home environment that lead to SUID cases.
3. Differentiate between SUID and SIDS.
4. Describe the purpose of the doll reenactment protocol as part of the forensic investigation after an infant death.

THIS CLASS HAS BEEN APPROVED FOR CONTINUING EDUCATION CREDITS

1300-1500 Firefighters Insurance and Benefits

Room 202 Presented by: Ron Block, Southern Maryland Insurance

Fire/EMS companies pay for insurance just in case something happens. When "just in case" shows up at your station, are you really covered?

This seminar has 2 primary objectives:

- To identify the property, liability and member exposures faced by volunteer Fire/EMS companies every day – from a risk management perspective.
- To inform members on how insurance works to protect the corporations and their volunteers, and the options available to them.

This seminar is presented in everyday language and provides an interactive format for participant comments and questions.

Topics covered include apparatus valuation methods and liability, coverage for COVID-19, station buildings & contents and operational liability. The Workers Compensation and benefits policies for each county are explained.

Specific risk subjects also include firefighting foam pollution liability, theft of funds, HIPAA, Directors & Officers liability and fund-raising activities. An expanded focus this year is benefits for members, both through the station and available on an individual basis.

1300-1500 Trauma-Informed Care

Room 203 Presented by: Wendy Norris, Founder and Chief Executive Officer of the Texas LODD Task Force

First responders, 911 telecommunication specialists, members of the military, chaplains, and other ancillary support staff of the emergency services are subjected to situations and scenarios that involve trauma. These traumatic situations can be extreme and intense and often leave an imprint on the individual's psyche. Trauma-Informed Care understands and considers the depth and pervasive nature of trauma and the impact it has on individuals. Trauma-Informed Care promotes spaces of healing and recovery rather than practices and services that may inadvertently re-traumatize.

To be trauma-informed means that as a front-line worker, there is an assumption that any individual we come in contact with through our work, whether that individual is someone they serve in the field or a fellow co-worker, is more likely than not to have a history of trauma. Trauma-Informed Care allows the individual providing care the awareness of an individual impacted by trauma. It also allows them to recognize the presence of trauma symptoms and acknowledges the role trauma may play in that individual's life.

Being educated in trauma-informed care strategies has numerous benefits. Knowledge in this area helps us with our day-to-day interactions with our loved ones, friends, and even strangers. And, for those individuals that are exposed to traumatic situations on a regular basis, such as first responders, being trauma-informed gives us the ability to offer specific and strategic support and care to our co-workers who may be struggling with the fallout of chronic stress and trauma.

1300-1500 The Meter Guys: Air Monitoring (Limit 30 Students)

Room 204 Presented by: Scott Russell, Captain; Baltimore County HazMat Response Team

This class will teach First Responders how to use a meter properly and understand the readings they see and the implications of such on an emergency response. It is estimated that 90% of first responders can turn a meter on but have no idea what the readings mean when it alarms, nor the knowledge of the changing situation as a meter begins to register readings putting them at significant risk.

This class will be a self-contained course which will include meters, reference materials, and chemicals. Attendees will learn why they need a meter, and how to use it!

1300-1500 Fire Officer's Guide to Today's Building on Fire

Room 205 Presented by: Christopher Naum, Chief, SFPE; Syracuse, NY

Presenting insights on building construction for today's fire service, the primary objective of this program is to increase awareness and understandings and promote new skillsets in the fundamentals of building construction, architecture, engineering and design, that directly impact firefighting and command operations at structure fires. A discussion of emerging trends in the building constructions systems, occupancy risks, collapse and compromise characteristics, methods and materials, design, fire protection and fire dynamics, related to building anatomy will be presented. The second unique part of the program will consist of a walking tour of the streets of Ocean City and Boardwalk areas reading buildings and developing size up skills looking at a variety of building types, occupancies and risks and vintage/era of structures, discussing operations risks and building hazards in the street.

1300-1500 Are You Ready for Your Next Recruit?

Room 206 Presented by: Tiger Schmittendorf, VP First Arriving, LLC

Utilizing facilitated conversation and a series of interactive exercises, this presentation outlines the three major phases of the "Volunteer Life Cycle": Recruitment, Onboarding and Retention to offer a framework for sizing up the health and wellness of your organization's culture and processes.

This critical conversation investigates the causes and origins of conflict in the firehouse and outlines ways to sustain a thriving workforce.

Together we will identify opportunities and share best practices for today's public safety leaders to attract and retain the appropriate quantity and quality of volunteers they need to support the delivery of emergency services in their communities. Together we'll work towards getting your fire department: "Ready for Your Next Recruit!"

LEARNING OBJECTIVES:

- Participants will discuss the reasons people don't join, join, stay and don't stay in their volunteer organizations.
- Participants will gain an understanding of the need for, and opportunities to create a cohesive and collaborative work environment in and outside the firehouse.
- Students will learn and exercise proven processes for conducting needs assessments, environmental evaluations and action plans for effecting change in their organizations.

1300-1500 Stress First Aid

Room 215 Presented by: Dr. Gamaliel Baer, EdD, MSM, CTO; First Responder Center for Excellence

First responders are faced with a myriad of stressors that go beyond what the general population may experience. The effects of first responder stress events can factor into behavioral health issues, such as post traumatic stress disorder, substance abuse and depression. Resources available today, like Stress First Aid (SFA), address the unique stressors related to first responders and build on the strengths of first responders, including a sense of belonging, support from one another and a strong sense of purpose. SFA is a flexible set of tools used to care for stress reactions in fire and EMS personnel. Unlike other acute stress management procedures, SFA was designed specifically to support firefighters and EMS personnel. The goal of SFA is to restore health and readiness after a stress reaction. SFA is a toolkit that emphasizes the importance of continuously monitoring the stress of fire and rescue personnel, to quickly recognize and appropriately help individuals who are reacting to stress and need interventions to promote healin

1300-1500 It's Too Hot!! It's Too Cold!! There Are Bugs!!

Room 216 Presented by OC FOOLS; Gary Adelhardt, Park Ranger, EMT

Gary Adelhardt is a park ranger and an EMT. He is also an instructor for the Park Service, as well as a ski patrol member. This session will discuss environmental emergencies, including heat and cold, as well as what insects and other wildlife we should be aware of. This class will provide 2 hours of trauma continuing education.