Maryland State Firemen’s Association
Annual Convention and Conference
2020 Educational Conference

The following training programs are offered by the Maryland State Firemen’s Association (MSFA) in partnership with the Maryland Fire and Rescue Institute (MFRI), the Ocean City FOOLS, Maryland Institute for Emergency Medical Services Systems (MIEMSS), R. Adams Cowley Shock Trauma Center, and the National Volunteer Fire Council.

Check the MSFA Information Desk in the Lower Level Lobby of the Convention Center for any additional updates to times and locations.
Maryland State Firemen’s Association
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Schedule at a Glance
Sunday, June 21st, 2020

H.O.T. Class by OC FOOLS – OC FOOLS Seminar – MSFA/MFRI Seminar

Classes marked with an asterisk (*) will earn students MFRI CEU’s

0800-1700  **Firefighter Survival: Back to Basics RIT Scenario-based Mayday; Challenging Forcible Entry (8 hour H.O.T.)**
Presented by: Claude Duval, Assistant Deputy Chief, Central York Fire Services

This class is about putting students in the RIT role during scenarios. The more often firefighters are exposed to different scenarios, the more likely they are to perform successfully in an actual rescue. Participants will be deployed as RIT members. Pre and post drill discussions will focus on factors like team communication, moving efficiently, debris management and good technique. Firefighter Survival and self-rescue has been taught for almost 20 years. But going back to the basics allows us to show ways to perform tasks like SCBA doffing and re-donning in toxic atmosphere, wall breach, low profile and wire entanglement in ways that will have the participants successfully achieve the tasks with maximum success and minimum efforts. We simplify those tasks to maximize success, skill retention, and therefore, survival. When every breath you take puts you closer to your death, how you learned and practiced those skills is key. We believe FF Survival should be taught NOT simply to achieve the goal, but to achieve the goal in the most effective way. This class looks at conventional forcible entry and explains how to use the tools to obtain the maximum benefit from them. It also looks at realistic but challenging scenarios including doors in tight spaces, doors at the bottom of stairs, limited visibility and other challenges.

0800-0930  **PDI: Teaching the NREMT Class (Session 1 of 2) *for Instructors Only**
Room 201  Presented by: Diane May, MFRI Field Instructor

*This is a 3 hour class combined with the “Teaching the New NREMT” class which will be from 1000-1130 hrs. There will be a 15 minute break between the two sessions.

0800-0930  **PDI; E-Learning *for Instructors Only**
Room 203  Presented by: Shawn Davidson, MFRI Field Instructor

This presentation involves all aspects of electronic components of learning curriculum. Specifically, how Canvas, JBLearning, and Platinum Testing will be integrated. Also, how the LMS makes the process of submission for MIEMSS And NREMT Seamless/paperless.
0800-0945  **Engine Operator Hydraulics**  
Room 204  Presented by: 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.

0800-0930  **Family in the Fire Service; Bringing It Back**  
Room 205  Presented by: Assistant Chief Allen Baldwin -- Stafford County VA. Fire and Rescue

The class looks at the importance and need of family in the fire service. The one at home and the one at the station and the benefits of this great tradition on all aspects of what we do. Some lessons learned and other departments successes will be discussed along with support for the at home family.

0800-0930  **Pediatric TOR: ABCs followed by decisions and family presence**  
Room 206  Presented by: Dr. Jen Anders, Associate State EMS Medical Director

The death of a child in the out of hospital environment is very stressful for professionals and for the community. The state Pediatric Emergency Medical Advisory Committee has been reviewing the Maryland EMS TOR protocol for the past three years. At first there were minor changes for extreme environments or situations. We conducted a statewide set of town hall meetings with EMS professionals, ED professionals, forensic investigators, law enforcement and child fatality review committee members. We asked the hard questions and then listened. These questions included:

- What is the “correct” amount of time to do CPR on an infant or child who is in full arrest when you arrive?
- What concerns might arise if infant or child is declared dead at the scene?
- What issues might arise if the infant or child is not transported to the hospital?
- What processes need to be in place if the infant or child is transported to hospital after termination of resuscitation?
- What resources are available locally for health care providers in EMS, ED and primary care when there is an unexpected death in pediatrics?

Based upon input from these discussions and a review of other state protocols, PEMAC has revised both the Cardiac Arrest protocol for BLS and ALS and the Termination of Resuscitation protocol for pediatrics. Children of all ages will be included in the TOR protocol with specific guidance, the availability of consultation and identification of resources for families and for professionals.
Sunday, June 21st cont.

0800-1200  **Maryland EMT Skills Recertification (1st of 3 sessions)**  
Room 217  Presented by: Joanne Gulvas, Jennifer Shymansky, Mychael Shymansky -- MFRI Field Instructors  
This is the 12-hour psychomotor skills session required for Maryland EMT recertification. Class will be conducted in three four-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.

0900-1200  **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.

0945-1130  **PDI: Teaching the NREMT Class (Session 2) *for Instructors Only**  
Room 201  Presented by: Diane May, MFRI Field Instructor  

1000-1130  **Respond with Resilience**  
Room 203  Presented by: Karen Fernicola Deppa, MAPP and Michael Donahue, PhD, CFPS  
As we have become all too well aware, emergency services workers are witness to a daily grind of trauma. Multiple studies point to potential adverse psychological reactions among firefighters, EMS, and other first responders due to the associated stress of this chronic and, occasionally acute, exposure. Proactive resilience training complements existing post-incident, post–distress programs by actively preparing fire service, EMS and other first responders to develop skills that, with practice, can help prevent reactions to traumatic stress.
1000-1145  **The Hazards of Knee Walls**  
Room 204  Presented by: Jonathan Hall, Captain Saint Paul, MN Fire Department  

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.

1000-1130  **Reading the Building and Occupancy Risk: Building FACTS**  
Room 205  Presented by: Chief Christopher J. Naum, SFPE Chief of Training, Command Institute; Center for Fire ground Leadership  

Today’s buildings and occupancies continue to present unique challenges to command and operating companies during structural fire engagement. Incorporating the Buildingsonfire FACTS concept for first-arriving construction, tactics and safety, this program provides an overview of the methodology and process to increase operational effectiveness and ensure critical-thinking factors are identified, assessed, and monitored throughout the incident.

1300-1700  **Hydrant to the Nozzle – Drafting and Flowing (4 hour H.O.T.)**  
Presented by: 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.
Sunday, June 21st cont.

1300-1430  **PDI: Spiders or flowers? What Do We Do with Webb and Bloom?**
Room 201  Presented by: Amber Lizear, MFRI Field Instructor

Webb's Depth of Knowledge and Bloom's Taxonomy are two different approaches with cognitive level recognition and recall. This 90 minute session discusses both approaches and how instructors can use both Bloom and Webb's research to enhance student success.

1300-1430  **Autism Training for First Responders**
Room 202  Presented by: Joyce S. Benjamin, RN, PA-C Emeritus, COO Autism FYI Org.

What do you do when your patient or victim has Autism? How do you recognize Autism? What comorbidities should you look for? What can you do to calm them down? These are the questions first responders must know the answers to in an emergency. Autism FYI Org presents Safe Interactions with Autistic persons and what you need to know to protect them as well as yourself.

1300-1430  **Maryland Active Assailant Interdisciplinary Workgroup Update**
Room 203  Presented by: Sergeant Travis Nelson, Special Operations, MSP and Randy Linthicum, MS, NRP; Director of Emergency Operations, MIEMSS

In this session, members of the AAIWG leadership team will discuss the enhanced system and information available since the 2014 active assailant guidance document was released.

Topics of discussion will include:
- Collaborating federal, state and local guidelines to create a robust local or facility active assailant plan
- Planning considerations for created an interdisciplinary plan that is effective
- The cycle for creating an effective active assailant exercise
- Best practices and lessons learned from recent events
- The Governor’s executive order, who is directly impacted and who is indirectly impacted
- Thinking past the gun fire and patient transport: psychological impacts and family assistance
- Collaborative discussion for session participants to provide direct feedback to the AAIWG
- Key lessons learned from recent national active assailant events

1300-1445  **The Good, the Bad, and the Ugly of the Fire Service**
Room 204  Presented by: Tim Jerscheid, Anne Arundel County FD Ret, 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.
### Taking the Lap: The Importance of Completing a 360 Size-up

**Room 205**
Presented by: Assistant Chief Allen Baldwin -- Stafford County VA. Fire and Rescue

This course will look at the importance of doing a 360 size-up along with some tips and reminders of what to look for and remember when completing your lap. Students will be given the opportunity to practice lap skills in the course.

### Firefighter Insurance Programs

**Room 206**
Presented by: Ron Block, Southern Maryland Insurance

Loss Control and Prevention: Training, drivers/EVOC, on Scene, at the station, appropriate behavior, social media rules, continuing education & refreshers
Post-incident, prompt reporting, documentation, confidentiality, internal investigations, teaching moments
Non-operational – Financial reviews and audits
Personal: Workers Compensation, other benefits; financial Security
Insurance programs currently in place
Options available for Counties and Stations

### PDI: Change Leaders in the Fire/EMS Classroom (*for Instructors Only*)

**Room 201**
Presented by: Amber Lizear, MFRI Field Instructor

Too often Fire/EMS educators fail to remember they are leaders; leaders of students and other instructors. This session will cover leadership styles as defined by Northouse and traits and characteristics of leaders that we as educators can apply to our classrooms.

### Pediatric High Performance CPR

**Room 202**
Presented by: Dr. Karen O’Connell, CNMC and FF/EMT Rick High, Howard County Fire and EMS

Lecture with Hands On and information to take back to the company level.
Sunday, June 21st cont.

1500-1630  **Emergency-Ready Families – preparing for an EMS & ED experience**  
Room 203  Presented by: Mary Ellen Wilson RN BSN

The EMS for Children Family Advisory Council has developed a training module for the community – come learn how to prepare the families you may be working with during an emergency. Families need to be “EMS & ED Ready” – when to call, what to have ready and how to assist in the care of their child during transport and treatment. The EMSC state partnership grant program has developed online resources that can be used in both a workshop format for families and childcare providers or at a display table during an open house or community health event. Come learn the content and the take the list of resources back to create a training kit for your station.

**Objectives:** Recognize the EMS for Children continuum of care involved when a family dials 9-1-1, describe components of a pediatric ready emergency department and EMS system, identify the goals of an emergency ready families project, discuss some potential teaching forums within your community to deliver this information to families and to teens, identify resources and partners within your community to educate families.

1500-1645  **Those Damn Millennials**  
Room 204  Presented by: William Holt, Olathe Fire Department

Those Damn Millennials with their damn phones and damn internet!! 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.
H.O.T. Class OC FOOLS -- FOOLS Seminar -- MFRI Seminar

0800-1700  Heavy Extrication – Hands On (8 hour H.O.T.)
Presented by: Derrick Crippen, Lieutenant, 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.

0800-0945  EMS - TBD
Room 204    Presented by: OC FOOLS

This is an EMS class still to be determined however it will be valid for 2 hours of Medical CEU’s. More to come once the class is confirmed by Jackie Carey.

0800-1200  Traffic Incident Management Safety (4 hour)
Room 215    Presented by: Patrick Rooney, Training Manager, CHART Operations, MDOT

Three injury crashes occur every minute in the United States, putting nearly 39,000 incident responders potentially 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 improve 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 Responder Training was created by responders for responders. This training covers many TIM recommended procedures and techniques, including: TIM fundamentals and terminology, notification and scene size-up, safe vehicle positioning, scene safety, command responsibilities, traffic management, special circumstances, and clearance and termination.
Monday, June 22nd cont.

0800-1200  **Maryland EMT Skills Recertification (2nd of 3 sessions)**  
Room 217  
Presented by: Joanne Gulvas, Jennifer Shymansky, Mychael Shymansky -- MFRI Field Instructors

This is the 12-hour psychomotor skills session required for Maryland EMT recertification. Class will be conducted in three four-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.

1000-1145  **Fire Ground Leadership**  
Room 204  
Presented by: Sid Newby, Battalion Chief Ret. Wichita FD

This class will focus on leadership fundamentals to assist potential or current fire officers. The principals are presented through interactive discussions, which are aided by video, live fire scenarios, and the instructor’s personal experience as a senior fire officer. Topics include: Officer’s Expectations, Mission Preparation, Execution, and After Action Review. The mission is to prepare fire officers to be successful in a demanding and highly stressful environment. Critical thinking skills covered will assist fire officers to make their path smoother to maneuver. This class will provide members with tools to be effective thus reducing the potential for loss of life for citizens and firefighters.

1000-1145  **Perspective Drives Performance (Promotional Exam)**  
Room 205 & 206  
Presented by: Mark Rossi, Captain, Ft. Lauderdale FD. / Rockstar Training LLC

There is no substitute for preparation. Preparation is the key to achieving a high score in the oral interview and securing your promotion. Yes, it is difficult to hear a question and rapidly formulate an adequate answer, especially under the added pressure of the Evaluators staring at you from across the table. A candidate that has, prior to the interview, thought about and developed ideas and responses to all of the traditional concepts typically discussed in an oral interview will usually score higher than the candidate who is contemplating a topic for the first time during their interview. Act As If you are already in that role and work towards closing the deal. The success of the interview and your future promotion is in your hands. Don’t let your competition outperform you. Perspective drives your performance. Go out there and get what you want!
Monday, June 22nd cont.

1300-1430  In the Valley of the Shadow- Hope, Healing, and Recovery For First Responders After Mass Casualty Incidents
Room 201  Presented by: Wendy Norris, Chief Executive Officer of the Texas LODD Task Force

In this presentation, participants will hear how teams of first responders, chaplains, and clinicians responded to and cared for the firefighters, EMS, and police officers that responded to mass fatality incidents in the State of Texas such as the West explosion, the Santa Fe High School shooting, and the El Paso Walmart shooting. Participants will learn how Texas first responders are providing education and support services to other first responders in crisis. Participants will also hear lessons learned from these incidents and how the importance of creating a strong support system before an incident occurs is vital to the health of a first responder.

1300-1430  Stop the Bleed
Room 202  James Radcliffe and Jason Shorter, MRFI Field Instructors

Stop the Bleed is a national awareness campaign and call-to-action. Stop the Bleed is intended to cultivate grassroots efforts that encourage bystanders to become trained, equipped, and empowered to help in a bleeding emergency before professional help arrives.

1300-1430  Change the Attitude; “Your Role in Firefighter Health and Wellness”
Room 203  Presented by: Chief Randolph Feltner

This presentation is designed to remove the stigma around health and wellness in the fire service. As an on-duty heart attack and cardiac arrest survivor, the instructor gives first-hand knowledge of not only what it’s like to go through that scenario, but how to come back from it. This three-part presentation consists of basic facts on how to prevent heart disease and how it benefits our performance as emergency responders, an in-depth look into the instructor’s account of the events of October 11, 2018 when he was in cardiac arrest for over three minutes, as well as an interactive discussion on how to remove the stigma round healthy living at a firehouse. Discussions on how to have the important, and sometime difficult, conversations on motivating your own firefighters to take their health and wellness seriously will also be included.

1300-1445  Training Those That Lead; Officer and Senior Firefighter Development
Room 204  Presented by: 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 effect 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”
- Our Obligations.....

**1300-1400 State of Maryland EMS**  
Room 205  
Presented by: Dr. Theodore Delbridge, Executive Director, MIEMSS

**1300-1445 Ladders for Duece**  
Room 206  
Presented by: Mike 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?

**1300-1700 Traffic Incident Management Safety 4-hour (second offering)**  
Room 217  
Presented by: Patrick Rooney, Training Manager, CHART Operations, MDOT

(See class description above.)

**1500-1630 Operating Safe Apparatus**  
Room 201  
Presented by: Assistant Chief Allen Baldwin, Stafford County Fire and Rescue

This course will look at how to evaluate current apparatus for safety issues, how to remedy these issues, liability and responsibility, case studies and the importance of doing a fleet review.
Stop the Bleed is a national awareness campaign and call-to-action. Stop the Bleed is intended to cultivate grassroots efforts that encourage bystanders to become trained, equipped, and empowered to help in a bleeding emergency before professional help arrives.

The First 12 Minutes is an innovative community active shooter preparedness program focused on educating those in harm’s way. The focus is on empowering the community and having their first responders collaborate and train on best practices during an event. This includes situational awareness, notifications systems, barricading, confronting and using bleeding-control techniques. The basis of this program is from research and after-actions of previous events.

Solar Fire Safety Training explains how popular PV (Photovoltaic) and Thermal Solar Systems are installed and used. This course is unique in the fact that we explain how the Firefighter and/or IC should respond to various Solar emergencies that can be encountered - ranging from Structure & Vegetation Fires to Motor Vehicle Collisions into Solar Farms. This course uses information from UL/NIST as well as Solar Installers (Experts) on how to deal with multiple different scenarios, and even including unique tools needed in the process.

This presentation discusses the latest evidence and best practices in EMS stroke care assessment and treatment. Through case studies and review of the latest literature, Dr. Chizmar will demonstrate how a timely EMS assessment, treatment, and destination selection lead to improved outcomes for our acute stroke patients.
Monday, June 22nd cont.

1500-1645 Mayday Protocols; Good or Nonsense?
Room 206 Presented by: Claude Duval, Assistant Deputy Chief, Central York Fire Services

In this class, we look at the evolution of Firefighter Survival and RIT and how Mayday protocols have come to be. We look at factual mayday statistics and relate those to the protocols in place today. Many Mayday protocols are adopted from other departments that have an entirely different makeup. Some of those protocols include great ideas, bad ideas and some plain ridiculous ideas. Since for many departments, those protocols are never tested on an actual Mayday, they believe in their protocol when in fact, those same protocols could cause problems and confusion in the event of an actual Firefighter Rescue.

We are a group of three instructors with many years of experience in the Fire Service, both as suppression firefighters and trainers. We believe in the importance of relevant training, delivered in a respectful and safe environment. By taking the time to explain the logic behind a specific task, demonstrating it with different angles, allowing the participant to perform it and offering personalized feedback, we increase the participant’s skills retention. You remember what you understand.
Critical Thinking and Decision-Making for the 21st Century Firefighter

Room 201

Presented by: FF/Instructor Nicholas J. Higgins; Piscataway, New Jersey

Critical thinking has a significant effect on the quality of our decisions on the fire ground. It will determine how well you work through complex problems, make decisions, and accomplish your tasks. We will discuss how critical thinking promotes effective fire ground decision-making, how it plays a part in the strategies and tactics of the command and company officers, and how companies can build critical thinking firefighters for optimal fire ground success.

Fire Investigations for Firefighters

Room 202

Presented by: Adam Goodman, Fire Investigator, SEA

The Influence of Building Construction on Command Decision-Making

Room 203

Presented by: Chief Christopher Naum

Building Construction, Occupancy Types & Risks along with Building Anatomy and the Predictability of Building Performance under fire conditions have a profound influence on the management of operations, identification of tactical protocols and deployment of resources. Understanding key inherent building performance characteristics and their relationships and variables in Command Decision-making methodologies and practices is fundamental to firefighting and incident management on today’s evolving and demanding fire ground.

EMS Course - TBD

Room 204

Presented by: OCFOOLS

This is an EMS class still to be determined however it will be valid for 2 hours of Trauma CEU’s. More to come once the class is confirmed by Jackie Carey.
0800-0945  **Critical Engine Company Concepts**  
Room 206  Presented by: Rick Mosher, Captain, City of Olathe FD, Fools of OZ

The Engine Company is a critical part of a working fire. Fire Departments of all sizes must have a fire ground functional Engine. Your citizens, your members, and your life depends on it. This course will examine three major concepts that will help make your engine and members successful on the fire ground. The first concept examines basic design. This will include, compartments, wheelbase, overall length, ladder storage, and hose height. The second concept will examine the pump and how to get water to the seat of the fire. This includes pump, plumbing, gauges, tank size, and foam, why or why not. The third concept will examine the flow and where the water goes. This included staffing, hose, and nozzles. Focusing on these three major concepts when designing your next Engine, ensures you will be winning at today’s Working Fire.

0800-1145  **Man vs. Machinery (4 Hour HOT)**  
Room 215  Presented by: Mark Gregory for OC FOOLS

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.

0800-1145  **Ladder Romance (4 Hour HOT)**  
Presented by: 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.

0800-1200  **Maryland EMT Skills Recertification (3rd of 3 sessions)**  
Room 217  Presented by: Joanne Gulvas, Jennifer Shymansky, Mychael Shymansky -- MFRI Field Instructors

This is the 12-hour psychomotor skills session required for Maryland EMT recertification. Class will be conducted in three four-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.
Tuesday, June 23rd cont.

1000-1130  **Force Multipliers…Chaplains**
Room 201  Presented by Rich "Chappy" Bower, M. Div., BCCC, BCPC, BCC, BCCS
Chief of Chaplains, Maryland Fire Chief’s Association,
Chief of Chaplains, Washington County Vol. Fire & Rescue Assoc.,
Chaplain, Western Enterprise Fire Engine Company #4, Hagerstown, MD

This presentation is for Chaplains (all levels), Fire/EMS Chiefs & Officers, company presidents and administrators

1000-1130  **Pediatric Trauma Cases**
Room 202  Presented by: Dr. Jen Anders, Associate State EMS Medical Director

Dr. Jennifer Anders will highlight the assessment findings and the treatment decisions to be sure children receive the Right Care When It Counts. **(Trauma Credit)** Objectives: Recognize the unique anatomic features of children leading to specific injury patterns, utilize the PAT (pediatric assessment triangle) to determine Sick or Not Sick, apply the Trauma Decision Tree to cases with infants, children and adolescents, integrate trauma resuscitation in the ABCDE’s, discuss the use of stabilization and resuscitation tools and treatment priorities.

In this workshop, we will incorporate the recent studies conducted at Johns Hopkins Children center on the appropriate use of tourniquets in children, best assessment methods for determining burn depth and TBSA (total burn surface area), and best practice in the use of spinal motion restriction guidelines. Sample scenarios are available for use in burn assessment for local company drills through the Pediatric EMS Champions and the EMSC Department. The didactic portion of the pediatric burn assessment will be available in an online LMS in early 2020 to enhance standardized training and allow in station training to focus on assessment, treatment and triage decisions.

1000-1130  **Suicide Response**
Room 203  Presented by: Brett VanZant, Delmarva Emergency Training Concepts

How to interact with suicidal or potentially suicidal persons until police or behavioral specialists arrive, also how to identify possible suicidal friends and colleagues. Brett VanZant is a 3 year Instructor with MFRI specializing in Rescue & Hazmat with 6 years experience as a Campus Special Police, responding to and caring for Mental Health Emergencies in Residential Higher Education. Brett VanZant designed this course for the MdTA on how to respond to suicidal subjects at the Bay Bridge facility.

1000-1145  **“The Program” - Getting the Most Out of Recruit Training**
Room 204  Presented by: 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.
Tuesday, June 23rd cont.

1000-1145  **Drafting in Control**
Room 206  Presented by: Adam Rockall, Training Captain, Chippewas of Rama First Nation

This class will focus on pumping water from a static water source, while incorporating components of NFPA 1002: Standard for Fire Apparatus Driver/Operator Professional Qualifications - Chapter 5. I will explain NFPA 1901 – Standard for Automotive Fire Apparatus and how they apply to your apparatus. We will apply those standards and discuss how they enable pumping water to be achieved safely. We will review and discuss basic pump operation, electronic pressure governors, different priming mechanisms’, principles and concepts of priming & pumping, and friction loss. This class will look at the many different pieces of equipment on the market that make pumping easier and discuss the pros and cons of such equipment.

1300-1430  **Dying Is Not an Option**
Room 201  Presented by: Chief Brian McQueen, Whitesboro Fire Department, Whitesboro, NY; NVFC and Chief John Buckman

The responsible adult in charge of a fire company, staffed with volunteer or career firefighters, is responsible for enforcing the rules to help reduce the likelihood of dying from behavioral wellness issues, cancer issues, or fire suppression. This workshop will discuss some of the training opportunities for these topics to be delivered at the local fire department level.

1300-1430  **Pediatric High Performance CPR**
Room 202  Presented by: Dr. Karen O’Connell, CNMC and FF/EMT Rick High, Howard County Fire and EMS

Lecture with Hands On and information to take back to the company level.

1300-1430  **Bridging the Generational Communication Gap in the Workplace**
Room 203  Presented by: Sherrie Clark; former NYPD officer; author; editor

A major reason for issues in any kind of workplace comes from poor communication either by the recipient, the communicator, or both. Furthermore, the ever-evolving digital age has created additional issues with organizations in how staff communicates with each other as well as externally. Participants will learn about the five generations in the workplace, what each values, how they communicate and why, and how to prevent communication misunderstandings in a multigenerational workforce.
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.

1300-1430  **Shock Trauma Go Team Presentation**  
Room 205  Presented by: Bill Howie, CRNA; UMD Shock Trauma Team

1300-1430  **The Future of the Volunteer Fire Service**  
Room 206  Presented by: Kevin Quinn -- Chair, National Volunteer Fire Council

The future of the volunteer fire service in terms of where we come from, where we are now, and what the future may hold. With 70% of our nation’s firefighters as volunteers, it is critical that we strengthen and progress the volunteer fire service so that it can continue to thrive. Showcasing the positive aspects of the fire service and the work of volunteers, as well as the many intrinsic rewards of volunteering, may be the key to molding the next generation of boots on the ground.

1300-1500  **PDI; Airway Rodeo (ALS Refresher, ALS Providers Only)**  
Room 215  Presented by: James Radcliffe and Jason Shorter, MFRI Field Instructors

As a paramedic, you will encounter patients of various ages, sizes, and even in various positions. To be a proficient airway manager, the paramedic must be able to use different airway devices depending on the situation. Often it is the patient’s anatomy, injuries, position, and available resources that determine how a provider will manage the airway. During this session students will discuss the issues they encounter in unique situations that impact the anatomy and physiology of the patient as well as the decision of how to manage the patients airway. This is a hands on session so it is limited to 30 ALS providers. Proof of certification will be required to attend this class.