



**🚑 EMSC 03 – Pediatric Equipment Use & Education Projects**

**1. 2018-2019 are:**

- Pediatric HP CPR
- Pediatric Tracheostomy Care
- Pediatric Airway
- Newly Born Resuscitation
- Emergency Ready Families (FAN project)

**2.** Maryland EMSC Pediatric Reference Card is under revision to include more information on new protocols. Surveys were conducted at both Miltenberger and EMS Care conferences on format and content. Danielle will have a revised card ready for final review at the July 18, 2018 PEMAC meeting. There are less than 500 of the current card left so production and poster formatting will be done quickly this summer.

Danielle Joy RN  
NRP

**EMSC PM 04 – Pediatric Readiness**

**1. Pediatric Education for hospitals:**

- a. APLS Hybrid Courses: July 12 & December 14, 2018  
Save the Date and Registration Flyer attached to this agenda
- b. CPEN review courses to be planned for fall and possibly at EMS Care 2019 in Ocean City (see discussion in education section)
- c. ENPC Course – [www.ena.org](http://www.ena.org)
- d. STABLE courses offered regionally by NICUs
- e. FEMA Pediatric Disaster MGT 439 course – June 12 & 13, 208 at MFRI College Park.  
<https://teex.org/Pages/Class.aspx?course=MGT439&courseTitle=Pediatric+Disaster+Response+and+Emergency+Preparedness>

Cyndy Wright  
Johnson RN

**EMSC PM 05 – Pediatric Trauma/ Burn Centers** – Maryland has met this measure and continues to work with both pediatric trauma and burns centers through QI, Education and Prevention programs.

**NEW:** COMAR regulations for both pediatric burn and pediatric trauma are under revision as part of the normal regulatory update process.




**EMSC PM 06 & 07: Interfacility & Special Consults**

**1. Pediatric Base Station Courses: 2018**

*Additional course(s) may be added for NICU teams in Baltimore and Wilmington*

Date	Location	Deadline
7/25/2018 (Wednesday)	Children’s National Medical Center EMTC Conference Room 111 Michigan Ave NW Washington DC 20010	7/13/2018
NEW July 16, 2018	Franklin Square Conference Center	7/10/2018
9/13/2018 (Thursday)	MIEMSS Headquarters Room 212 653 West Pratt St. Baltimore MD 21201	8/31/2018

**2. Neonatal and Pediatric specialty transport update from**

	<p style="text-align: center;"><b>Base Site Visits (October – February)</b></p> <p><b>EMSC PM 08 – EMSC Permanence – Achieved</b> Please see the new summary of each of the EMSC PM that is on the second page of the EMSC Performance Measure 2018 Update and in the minutes.</p> <p><b>EMSC PM 09 – Codification of all requirements old/new</b> (Please see the new summary of each of the EMSC PM)</p> <ul style="list-style-type: none"> <li> <b>Online &amp; Off Line Medical Direction</b> – our protocol work and base station courses</li> <li> <b>EMS Equipment for Pediatrics</b> – now will need to be codified or demonstrated in the VAIP and SOCALR equipment lists.</li> <li> <b>Pediatric Education</b> – now will need to be codified or demonstrated in BLS and ALS core training and CME. Our plan is to continue to support Hospital professional education under EMSC PM 04.</li> </ul> <ol style="list-style-type: none"> <li>1. 2018 Conferences are scheduled and pediatric preconferences are set through July 2018</li> <li>2. BLS Committee – new recertification cycle will run for 3 years. No new pediatric discussions.</li> <li>3. ALS Committee – no report from L&amp;C</li> <li>4. MIEMSS held a town hall meeting on April 17, 2018 to gather input on the scope of practice for AEMT (Advanced EMT) which is currently not a certification level in Maryland. The National Registry will stop testing for EMT-I (Maryland CRT) in December 2019. Maryland CRT-I may continue to practice and recertify at that level for the future. No new EMTI /CRTI will be licensed after December 2019.</li> </ol>	<p>Lisa Chervon MA NRP</p> <p>Cyndy Wright Johnson MSN RN</p> <p>Danielle Joy RN NRP</p>
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<p><b>10:30 AM</b></p>	<p><b>Maryland Protocols for EMS Providers - 2019</b></p> <ol style="list-style-type: none"> <li>1. Children With Special Health Care Needs protocol is being considered for 2019. Universal protocol has been proposed by Montgomery County but a form or algorithm has not been drafted. There is an existing AAP/ ACEP form – Emergency Information Form for CSHN that can be used by primary and specialty care providers. It is recognized as a guideline for care and transport decisions within the existing protocol. There is also existing language in the GPC about assisting with patient medication and rescue medication.</li>   <li>Format and new language will be developed in partnership with Montgomery County for the July / September PRC meeting. July PEMAC meeting afternoon will include a workgroup to focus on this new protocol.</li> <li>2. Pediatric Cardiac Arrest – enhancements to the ALS protocols are being proposed to the PRC. More information will come from the July PRC meeting.</li> <li>3. Pediatric Tracheostomy care – quick review based upon updated lectures did not recommend any changes in the protocol as written. There is a clear need for more education based upon feedback at PEPP and PEARs courses.</li> <li>4. Pediatric transport – Review of language in the GPC for both child restraint and for parental presence may be misinterpreted due to proximity in the protocol. One follows the other. Many providers do not appear to be aware of the crash dynamic involved when a parent holds a child in their arms on a stretcher and a sudden stop or crash occurs. A work group will review the available information and language in other state protocols at the July meeting and make recommendations for changes.</li> <li>5. Spinal Protection / Immobilization protocol –Algorithm is in the 2018 protocols but appears to be in the reverse order from the decision process in the field. PEMAC will also work on this at the July afternoon protocol writing forum.</li> <li>6. Pain management protocol – PEMAC membership is unanimous in recommending that Fentanyl be the first line medication and making it standard protocol for 2019. With medication shortages other medications will also be included. Proposal to go to the PRC at July meeting.</li> <li>7. PEMAC reviewed the ALTE protocol to consider changing / adding language specific to the diagnosis of BRUE (2017 change in AAP policy). Prehospital care does not focus on diagnosis and BRUE is the final diagnosis after all other causes of ALTE are ruled out. The recommendation is to leave the protocol as written and provide education to providers in ongoing CE.</li> </ol>	<p>Jennifer Anders MD</p>
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<p><b>11:00 AM</b></p>	<p><b>Family Centered Care Sub Committee</b></p> <ol style="list-style-type: none"> <li>1. <b>Right Care Awards</b> –2018 Nomination have been reviewed and awards ceremony is 5/23/2018 in Annapolis</li> <li>2. <b>EMSC National FAN meeting will be in May 2018 – Austin Texas</b> - Mary Ellen was attending this meeting during PEMAC.</li> <li>3. <b>March 24, 2018 Public Educator seminar</b> included Mascot training for 80 people in attendance.</li> <li>4. <b>2018 MSFA Convention</b> – Steps to Safety online signup is live on Event Brite. Handout included with agenda has links for volunteers to join the team.</li> <li>5. <b>Emergency Ready Family project</b> lecture and materials are complete. The instructional notes are being finalized by Mary Ellen and Cyndy.</li> </ol>	<p>Cyndy Wright Johnson RN for</p> <p>Mary Ellen Wilson RN</p>
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<p><b>11:15 AM</b></p>	<p><b>Maryland Organizations &amp; Committees</b></p> <p><b>AAP Updates</b></p> <ul style="list-style-type: none"> <li>➤ Maryland update – COPEM &amp; COVIPP have not met. Maryland AAP is conducting a disaster preparedness survey across Maryland with focus groups in Region IV.</li> <li>➤ National update – COPEM will meet the first weekend in June in Chicago.</li> </ul> <p><b>ACEP Updates - new website &amp; management</b>  <a href="http://www.mdacep.org">www.mdacep.org</a></p> <ul style="list-style-type: none"> <li>➤ Maryland update – EMS Committee no update is available.</li> <li>➤ Maryland's Pediatric Committee has a newly named chair and the suggestion from PEMAC is to have the AAP COPEM and ACEP pediatric committee convene a joint meeting to identify projects in common.</li> </ul> <p><b>ENA Updates - <a href="http://www.mdena.org">www.mdena.org</a> (NEW website live)</b></p> <ul style="list-style-type: none"> <li>➤ State report – ENA by the Bay will be held next week at MITAGs.</li> <li>➤ Local chapters are planning fall conferences and the Eastern Shores will be a lectures series.</li> <li>➤ Maryland ENA Regional Conferences (<a href="http://www.mdena.org">www.mdena.org</a>)</li> </ul> <p><b>SCHOOL HEALTH Updates</b></p> <ul style="list-style-type: none"> <li>➤ <b>School Health</b> committee will have a meeting to discuss the incorporation of the updated STOP The Bleed recommendations into the existing School Emergency Health Guidelines</li> <li>➤ Analysis of epi-pen data is ongoing at DOH and MSDE.</li> <li>➤ SHIP Conference will be held in August 2018.</li> </ul> <p><b>Critical Care Updates</b></p> <ul style="list-style-type: none"> <li>➤ <b>AACN</b> – no update</li> <li>➤ <b>AAP</b> – no update</li> </ul> <p><b>Commercial Ambulance Service Advisory Committee (CASAC @ MIEMSS)</b></p> <ul style="list-style-type: none"> <li>➤ <b>SCT subcommittee</b> – no update</li> <li>➤ <b>Neonatal subcommittee</b> – to be reconvened in 2018</li> <li>➤ <b>Obstetrical transports-</b> - not meeting at this time</li> </ul> <p><b>Jurisdictional Affairs Committee (JAC @ MIEMSS)</b></p> <ul style="list-style-type: none"> <li>➤ <b>BLS</b> – no new updates</li> <li>➤ <b>ALS</b> - no new updates</li> </ul>	<p>Rich Lichenstein MD</p> <p>Cyndy Wright Johnson RN</p> <p>Kathy Brown MD</p> <p>Kaitlyn Mannon RN</p> <p>Laurel Moody RN</p> <p>Liz Berg RN Jason Custer MD</p> <p>Jill Dannenfelser RN Lisa Chervon NRP</p> <p>Richard High EMT Judy Micheliche NRP</p>
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<p><b>11:30 AM</b></p>	<p><b>Research and EVBG update</b></p> <p><b>1. EMSC TI Grant updates</b></p> <ul style="list-style-type: none"> <li>✓ <b>PDTree:</b> An EMS Triage Tool for Pediatric Destination Decision Making (J Anders MD) is being implemented in Queen Anne, Baltimore City and Prince George's with training signs going up in all stations.</li> </ul> <p><b>2. WB-CARN EMS partner in Prince George's County</b> is ongoing with no new updates at this time.</p> <p><b>3. Ongoing Pediatric QIC &amp; DART projects</b></p> <p>Evaluation of protocols</p> <ul style="list-style-type: none"> <li>✓ Pediatric RSI –Process and Outcome project</li> <li>✓ CPR and Cares Report for pediatrics include all of 2017 data – April meeting</li> <li>✓ 2016 – 2017 Sepsis – Jen Anders MD &amp; Nick Wyns PhD NRP</li> <li>✓ C-Spine project to be discussed in April &amp; June</li> <li>✓ EMS Compass measures: pediatric and others</li> <li>✓ Region 3 Seizure project – Rich Lichenstein MD</li> <li>✓ Standardized Pediatric Transport reports are being discussed with the MIEMSS Data team</li> </ul> <p><b>4. Other projects</b> - EMS RIG does not have pediatric updates other than PD Tree at this time.</p>	<p>Jen Anders MD</p> <p>Kathy Brown MD</p> <p>Jen Anders MD</p> <p>Committee</p>
<p><b>11:45 AM</b></p>	<p><b>Injury Prevention Sub Committee &amp; Updates</b></p> <p><b>Please see Summaries from :</b></p> <p>a. <b>EMSC: CPS &amp; OP Healthcare Project</b> (Maryland DOT Highway Safety Office)</p> <ul style="list-style-type: none"> <li>✓ Drowsy Driving - April 4, 2018 state wide events</li> <li>✓ CPS Technician scholarship available for 2018 courses – contact <a href="mailto:cps@miemss.org">cps@miemss.org</a></li> <li>✓ CPS Rapid Educational Response Kit – will highlight again for May EMS week</li> <li>✓ CPS and heatstroke to children left in cars displays are available and kick off will start soon</li> </ul> <p>b. <b>Safe Kids</b></p> <ul style="list-style-type: none"> <li>✓ Maryland Safe Kids Meetings for 2018 will be held in March and September after PEMAC</li> <li>✓ New Maryland HSO grant – Bike Helmets and Safety has been submitted and will focus on "Right Fit"</li> <li>✓ Safe Kids Day grants –State Coalition has received approval for March 24 training and June Event</li> <li>✓ Safe Kids OTC Medication Safety Grant has been awarded to the state coalition</li> <li>✓ Safe Kid Water Safety Grant has been received and will be conducted in Salisbury and Cecil County</li> </ul> <p>c. <b>Maryland Risk Watch/ MSFA</b> –2018 Convention planning has started. Volunteer Sign up are LIVE!</p> <p>d. <b>ENA: IQSIP</b> – Institute for Quality, Safety and Injury</p> <ul style="list-style-type: none"> <li>✓ Prevention updates @ ENA national website</li> <li>✓ Buckle Up initiative with NHTSA will be</li> </ul>	<p>Susanne Ogaitis Jones MSPH CPST-I <a href="mailto:cps@miemss.org">cps@miemss.org</a> for materials and information</p> <p>Cyndy Wright Johnson RN</p> <p>Cyndy Wright Johnson RN</p> <p><a href="http://www.mdena.org">www.mdena.org</a></p>

	operationalized in Maryland with a PSA e. <b>Partnership for Safer Maryland:</b> Camille Burke is the new president. Annual Summit is June 15, 2018 in Hagerstown.	<a href="http://Safermaryland.org">Safermaryland.org</a>
<b>11:50</b>	<b>Old Business – none</b>	Committee
<b>11:55</b>	<b>New Business – none</b>	Committee
<b>12:00 Noon</b>	<b>Networking Break</b>	Committee
<b>12:30 – 3:00 PM</b>	<b>Protocol 2018 Detailed work – see agenda above</b>	<b>Committee</b>








## Emergency Medical Services for Children

Maryland Institute for Emergency Medical Services Systems



### **Maryland EMS for Children Department Update – May 2018**

#### What's NEW:

	<p><b>National Pediatric Readiness Project Updates:</b></p> <ul style="list-style-type: none"> <li>❖ Revised Joint Policy Statement AAP/ACEP/ENA is anticipated this spring. Revisions are based upon the 2013 and 2016 NPRP Surveys and include criteria for “High Volume” Hospitals that are different from other census level hospitals. New title will be <u>Pediatric Readiness in the Emergency Department.</u></li> <li>❖ Focus of the new Pediatric Readiness Collaborative for Hospitals are:             <ul style="list-style-type: none"> <li>❗ Weighing and Documenting All Patients in Kilograms</li> <li>❗ Notification process for abnormal vital signs</li> <li>❗ Ensuring Interfacility Transfer Guidelines are patient &amp; family centered</li> <li>❗ Ensuring disaster plans in hospitals include children</li> </ul> </li> </ul> <p><b>NPRP survey will be limited to the EMSC PM 06 &amp; 07 and conducted in May 2018</b></p> <p style="margin-left: 40px;">06 - Interfacility Guidelines 07 - Interfacility Transfer Agreements</p>
	<p><b><u>Guidelines to Ensure Pediatric Readiness in Prehospital Settings</u></b></p> <p>This joint policy statement from AAP/ ACEP/NAEMSP/NAEMT is currently in final review. The technical report that is to accompany it is in editing by all the organizations. These companion documents will support EMSC PM 02 and 03 as well as the pediatric education in both core and continuing education.</p>
	<p><b>MSFA Convention June 17-20, 2018</b> will again include Injury Prevention stations for children and families – come join us ! <b>Registration is open:</b></p> <p><a href="https://www.eventbrite.com/d/md--ocean-city/risk-watch/?q=Risk+watch&amp;loc=Ocean+City%2C+MD%2C+USA&amp;date=">https://www.eventbrite.com/d/md--ocean-city/risk-watch/?q=Risk+watch&amp;loc=Ocean+City%2C+MD%2C+USA&amp;date=</a></p>

#### **Advocacy:**

- **Right Care When It Counts & Star of Life** nominations have been reviewed and the awards ceremony is on May 23, 2018 in Annapolis.
- **#MDPANDAFAN – (EMSC Family Advisory Network Council)** has two new programs:
  - “**Emergency Ready Families**” is an educational project to prepare families for both EMS and ED experiences. The presentation includes background on Maryland EMS system, Peds Ready national initiative, what to prepare and pack for a trip to the ED and what to expect in an ambulance and in an ED. The project includes a train the trainer for professionals and an interactive lecture with handouts for families.
- **Safe Kids & Risk Watch Injury Prevention** –MSFA Fire & Injury Prevention and Life Safety Committee in partnership with **Safe Kids Maryland** annually providing interactive displays for children and families at the MSFA Convention. Ongoing activities occur throughout the year and provide current, data driven when possible, injury prevention checklists and infographics
- **Outdoor Temperature Displays** – through support of the MSFA, three outdoor temperature displays have been purchased to illustrate the extreme heat that quickly builds up inside of parked vehicles. The three displays are kept at MIEMSS, Cecil County DES, Prince George’s County Fire & EMS. Email [cps@miemss.org](mailto:cps@miemss.org) for more information and check out the most recent displays on Facebook.
- **MIEMSS EMSC CPS & OP Healthcare Project** report will include updates with the start of the new grant year and the progress with the Drowsy Driving 2017-2018 special project. February RAC STC Evening EMS Broadcast is now available in the MIEMSS LMS online education. The project webpage is: <http://www.miemss.org/home/drowsy-driving-awareness>

**For more information please call the Maryland EMS for Children office at 410-706-1758**  
**Website: [www.miemss.org](http://www.miemss.org) look under departments, Click on EMS for Children**











## Emergency Medical Services for Children

Maryland Institute for Emergency Medical Services Systems








### EMS for Children Performance Measures

-  PM 01 is statewide participation in NEMSIS data submission – implementation in ongoing through July 2018.
-  PM 02 - Pediatric EMS Champion for each EMS operational program – training day will be at EMS Care 2018 for Maryland EMS and Hospital Pediatric Emergency Care Coordinators (PECCS).
-  PM 03 - Education on use of pediatric equipment. Four focus areas are needed for 2018:
  - Pediatric HP CPR and quality CPR
  - Newly Born Skill stations and online LMS
  - Tracheostomy care, suction and changing
  - Airway management – BLS and ALS
  - Emergency Ready Families (FAN project)
-  PM 04 Pediatric categorization of emergency departments – Peds Ready (Medical)
-  PM 05 Pediatric Trauma categorization – completed in Maryland
-  PM 06 & 07 Interfacility Guidelines and Agreements – completed in Maryland but we need all hospitals to document this correctly in the self assessments from HRSA/ NEDARC. Maryland webinar will provide overview in May 2018.
-  PM 08 Establish Permanence of EMSC :
  - EMSC Advisory Committee with required members, meetings and attendance (PEMAC)
  - Pediatric representation required on the state EMS Board/ Advisory (SEMSAC)
  - Full-time EMSC Manager is dedicated solely to the EMS for Children (meet)
-  PM 09 Codification of the following EMSC PM within each State:
  1. EMS agencies are required to submit NEMSIS-compliant data to the state EMS Office
  2. EMS agencies in the state designated pediatric emergency care coordinator
  3. EMS agencies in the state have a process that requires EMS providers to physically demonstrate the correct use of pediatric-specific equipment.
  4. A statewide, territorial, or regional standardized system that recognizes hospitals that are able to stabilize and/or manage pediatric medical emergencies and pediatric trauma. (EMSC PM 04 & 05)
  5. Hospitals in the state have written interfacility transfer guidelines (EMSC PM 06)
  6. Hospitals in the state have written interfacility transfer agreements that cover pediatric patients (07)
  7. Basic life support (BLS) and advanced life support (ALS) prehospital provider agencies in the state or territory have on-line and off-line pediatric medical direction available. (OLD EMSC PM 71 & 72)
  8. BLS and ALS patient-care units in the state or territory have the essential pediatric equipment and supplies, as outlined in the nationally recognized and endorsed guidelines. (OLD EMSC PM 73)
  9. Requirements adopted by the state or territory for pediatric continuing education prior to the renewal of BLS and ALS licensing and/or certification. (OLD EMSC PM 78)

### Pediatric EMS Data activities:

- **Pediatric QIC/ DART** committee is working on standardized quarterly reports for pediatric trauma & medical transports. A statewide EMSC Fact Sheet will again be available during EMS Week.

### Pediatric Education EMS and Emergency Professionals:

-  2018 conferences will include new preconference workshops and a focus on High Performance CPR for infants and children – currently not in protocol but coming 7/1/2018. QCPR infant manikins will help build “EMSC Pit Crews”. Contact [-pepp@miemss.org](mailto:pepp@miemss.org) for more information.
-  **PEPP 3 Hybrid** courses are offered at MIEMSS and in regions without local conferences upon request.
-  **PEAR (AHA)** Course has been released and will be offered at EMS Care 2018 in partnership with AHA training center
-  **APLS courses:** Maryland EMSC will again offer APLS in July 12, 2018 and December 14, 2018 at MIEMSS in partnership with the regional pediatric medical directors and pediatric base station physicians are offering Hybrid APLS courses (AAP/ACEP). For more information email: [pepp@miemss.org](mailto:pepp@miemss.org)
-  **ENA CPEN** review course was sponsored in June 2017 and are planned for both one and two day formats in 2018 – 2022.



# Federal EMSC Performance Measures Maryland EMS for Children Department

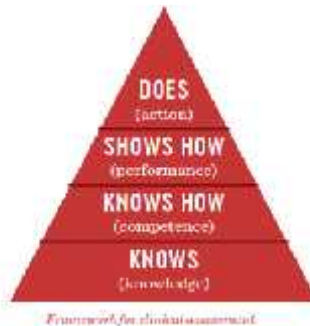
## EMS for Children State Partnership Grants (2018-2021 & 2026)

### EMS for Children Performance Measures


- PM 01** is statewide participation in NEMSIS 3.X version data submission – revised target is October 2018
- PM 02 - Pediatric EMS Champion** goal is for each EMS operational program to identify a Peds EMS Champion with additional Pediatric Instructors welcome to annual training at EMS Care (Ocean City). Role definition from the 9 activities proposed by federal EMSC is ongoing for Maryland.
- PM 03 - Education on use of pediatric equipment:** Skill station, Simulation / Scenario Event, Field Encounter


Four focus areas are needed for 2018:


- Pediatric HP CPR and quality CPR
- Tracheostomy care, suction and changing
- Newly Born Skill stations and online LMS
- Emergency Ready Families – training for public created by the FAN Council (Family Advisory Network)



	Two or more times per year	At least once per year	At least once every two years	Less frequency than once every two years
How often are your providers required to demonstrate skills via a SKILL STATION?	4	2	1	0
How often are your providers required to demonstrate skills via a SIMULATED EVENT?	4	2	1	0
How often are your providers required to demonstrate skills via a FIELD ENCOUNTER?	4	2	1	0

 **PM 04 Pediatric categorization of emergency departments** – Pediatric Ready Hospitals is the focus of the National Pediatric Readiness Project (2013 & 2016 ..... 2019 surveys). Maryland EMSC is working on a revised model for Medical Pediatric Readiness.

 **PM 05 Pediatric Trauma categorization** – completed in Maryland for Pediatric Trauma and Pediatric Burn

 **PM 06 & 07 Interfacility Guidelines and Agreements** – completed in Maryland but we need all hospitals to document this correctly in the self assessments from HRSA/ NEDARC. Maryland webinar will provide overview of the 2018 survey for the Base Station Coordinators. Maryland Interhospital Transfer Resource Manual will be updated in 2019.

 **PM 08 Establish Permanence of EMSC :**

- ✓ EMSC Advisory Committee with required members, meetings and attendance (PEMAC)
- ✓ Pediatric representation required on the state EMS Board/ Advisory (SEMSAC)
- ✓ Full-time EMSC Manager is dedicated solely to the EMS for Children (meet)

 **PM 09 Codification of the following EMSC PM within each State:**

1. EMS agencies are required to submit NEMSIS-compliant data to the state EMS Office ([EMSC PM 01](#))
2. EMS agencies in the state designated pediatric emergency care coordinator ([EMSC PM 02](#))
3. EMS agencies in the state have a process that requires EMS providers to physically demonstrate the correct use of pediatric-specific equipment. ([EMSC PM 03](#))
4. A statewide, territorial, or regional standardized system that recognizes hospitals that are able to stabilize and/or manage pediatric medical emergencies and pediatric trauma. ([EMSC PM 04 & 05](#))
5. Hospitals in the state have written interfacility transfer guidelines ([EMSC PM 06](#))
6. Hospitals in the state have written interfacility transfer agreements that cover pediatric patients ([EMSC PM 07](#))
7. Basic life support (BLS) and advanced life support (ALS) prehospital provider agencies in the state or territory have on-line and off-line pediatric medical direction available. ([OLD EMSC PM 71 & 72](#))
8. BLS and ALS patient-care units in the state or territory have the essential pediatric equipment and supplies, as outlined in the nationally recognized and endorsed guidelines. ([OLD EMSC PM 73](#))
9. Requirements adopted by the state or territory for pediatric continuing education prior to the renewal of BLS and ALS licensing and/or certification. ([OLD EMSC PM 78](#))



# PEMAC Education Subcommittee Update May 2018



## 1. BLS Subcommittee:

No update

## 2. ALS Subcommittee:

Town hall meeting held discussing plan for NREMT discontinuation of I-99 testing and consideration of Advanced EMT. Decision made to eliminate M/L/2/A/B designation and move solely to National/State/Local designation for NCCP CE tracking. Reviewing current and proposed State/Local NCCP approved courses.

## 3. Continuing Education Updates:

### a) APLS Courses

- 2018 Course Offerings
  1. July 12<sup>th</sup> @ MIEMSS
  2. December 14<sup>th</sup> @ MIEMSS

### b) PEPP Courses

- None scheduled at this time.

### c) Additional Course Offerings

## 4. Pediatric Courses – Planning & Updates:

a) **National PEPP Steering Committee:** No Update

b) **Maryland PEPP Steering Committee:** Send 2018 dates to [pepp@miemss.org](mailto:pepp@miemss.org)

## 5. Video/Web Training - Speakers and content reviewers are needed for webinars.

### Completed Webinars available on MIEMSS LMS:

- a) ALTE – Karen O’Connell MD – Available on LMS
- b) Carbon Monoxide Hazards and Response – Major Dennis Wood, MS, NRP – Available on LMS
- c) The Silent Killer – CO & Children – Karen O’Connell, MD – Available on LMS
- d) Safe Transport of Children in Ambulances – Available on LMS

### Webinars in process/planning:

- e) OB & Newborn Emergencies – Current workshop to be modified for 2 separate LMS
  - OB Emergencies LMS to be presented by Jen Fahey, CNM, MPH
  - Neonatal Resuscitation LMS by Webra Price-Douglas, PhD, CRNP
- f) Pediatric Vascular Access – current workshop has 4 lectures, planning to convert core Hydration Assessment lecture by Jessica Strohm-Farber DNP, CPNP-AC

Educational Products – Available from the Maryland EMSC Program Office
1. IO DVD – 2010
2. BLS TRIPP – 2007 updated version
3. Trach Care for All Ages – CD with slides & handouts – in need or revision from 2004 publication
4. MOULAGE – Slides and instructional handouts on CD
5. Child Victimization – CD with cases in slides for interactive discussion
6. MIEMSS BLS Lower Extremity Immobilization instructor resource DVD (from E&C)



**Please see EMS & Prevention Educational Conferences 2018 handout**

**For more information please call the Maryland EMS for Children Department at 410-706-1758**

**Email for Pediatric Education is [pepp@miemss.org](mailto:pepp@miemss.org)**





## **Emergency Medical Services for Children (EMSC)**

Maryland Institute for Emergency Medical Services Systems (MIEMSS)  
653 West Pratt Street, 4th Floor, Room 432 Baltimore, Maryland 21201  
410-706-1758 FAX 410-706-3660



### **2018 Educational Conference List**

**January 26 – 28, 2018 – Winterfest EMS Conference, Easton, MD**  
*Preconference – When the Stork Dials 911 (Friday)*

**February 16, 2018 – S.T.A.B.L.E. Course, St. Mary's County**  
Email- [pepp@miemss.org](mailto:pepp@miemss.org) for more information

**February 17, 2018 – When the Stork Dials 911 Course, St. Mary's County**  
Email- [pepp@miemss.org](mailto:pepp@miemss.org) for more information

**March 9 & 10, 2018 – Miltenberger Trauma & EMS Conference, Rocky Gap, MD**  
*Preconference – Pediatric Resuscitation*  
For more information visit [www.miemss.org](http://www.miemss.org)

**March 16, 2018 – Children's National Health System Trauma Update @ CNHS, Washington, DC**  
For more information contact [ccolson@childrensnational.org](mailto:ccolson@childrensnational.org)

**March 24, 2018 Public Fire & Life Safety Educator Seminar @ MFRI CP**  
*Flyer and Registration @ [www.mfri.org](http://www.mfri.org) (under seminars)*

**April 19, 2018 – Maryland ACEP Conference @ BWI Marriott**  
For more information visit [www.mdacep.org](http://www.mdacep.org)

**April 24, 2018 – Meritus Trauma Conference @ Meritus Health, Hagerstown, MD**  
Contact Ruth Leizear @ [ruth.leizear@meritushealth.com](mailto:ruth.leizear@meritushealth.com) for registration information

**April 25-29, 2018 – EMS Care – Ocean City, MD**  
*Preconference – PEARS Course (Thursday)*  
For more information visit [www.miemss.org](http://www.miemss.org)

**April 26-27, 2018 – 2<sup>nd</sup> Annual Child Abuse Symposium @ CNHS, Washington, DC**  
Register online at <https://traumaburneducation.ticketleap.com/>

**April 30 – May 2, 2018 – National EMSC All Grantee Program Meeting, Houston, TX**  
For more information visit <https://emscimprovement.center/>

**May 10, 2018 – ENA by the Bay @ MITAGS, Linthicum Maryland**  
For more information visit [www.mdena.org](http://www.mdena.org)

**June 17 – 20, 2018 MSFA Convention in Ocean City**  
For more information visit [www.msfa.org](http://www.msfa.org)

**June 22, 2018 – Summer Injuries Symposium @ CNHS, Washington, DC**  
For more information contact [ccolson@childrensnational.org](mailto:ccolson@childrensnational.org)

**October 19, 2018 – Children's National Health System Trauma Update @ CNHS, Washington, DC**  
For more information contact [ccolson@childrensnational.org](mailto:ccolson@childrensnational.org)

**November 7, 2018 – 12<sup>th</sup> Annual EMS for Children Research Update**  
*EMS and Emergency Care Research updates*

**November 9, 2018 – Mid Maryland ENA Memorial Conference, Silver Spring, MD**  
For more information visit [www.mdena.org/events/mmc-ena-memorial-conference/](http://www.mdena.org/events/mmc-ena-memorial-conference/)

**November 30, 2018 – Children's National Health System Trauma Core @ CNHS, Washington, DC**  
For more information contact [ccolson@childrensnational.org](mailto:ccolson@childrensnational.org)

***More conferences & seminars will be added as dates are finalized***

Please email other educational event dates to the EMSC office at [pepp@miemss.org](mailto:pepp@miemss.org).  
To reach the Maryland EMSC office, please call 410-706-1758  
Email: Education to [pepp@miemss.org](mailto:pepp@miemss.org) and CPS & OP information to [cps@miemss.org](mailto:cps@miemss.org)



**CPS & OP Healthcare Project  
EMS for Children Program @ MIEMSS**

Office: 410-706-8647 Fax: 410-706-3660  
www.miemss.org/home/emsc/cps

**PEMAC UPDATE: May 2, 2018**  
**The CPS & OP Healthcare Project**

Since the last PEMAC meeting the project coordinator:

- J Staffed a display at the Miltenberger EMS conference at Rocky Gap on March 9-10<sup>th</sup>. Covered CPS and drowsy driving. About 180 emergency providers were in attendance.
- J Conducted an interactive exhibit on CPS and OP (including drowsy driving) at the University of Maryland Baltimore's Wellness Fair. About 500 students/faculty/staff attended.
- J Dr. Alisa Baer was the speaker for Peninsula Regional Medical Center's Pediatric Grand Rounds on April 12, 2018, in a lecture that was sponsored by this grant. The title of her talk was "From the Back Seat to the Driver's Seat: What every outpatient AND inpatient pediatric healthcare provider needs to know about car safety for kids." About 20 people attended this talk, including several CPSTs from the Lower Shore. There also was an exhibit before/after on CPS, at which quantities of patient handouts were given to providers. The lecture was very well-received. The only negative was that no one attended from PRMC's Newborn Nursery.
- J Helped at one safety seat check during this period, in White Marsh, and helped teach the CPS technician certification class in Clarksville to ten students.
- J Attended the national Lifesaver's Traffic Safety conference in San Antonio, Texas from 4/21-24. Heard excellent lectures on CPS, OP and drowsy driving, met with car seat manufacturers, and other OP advocates.
- J Delivered about 1200 handouts on several CPS topics to a pediatric practice in Salisbury. This practice was invited to the Grand Rounds and didn't attend, but ordered materials.
- J MIEMSS staff conducted an exhibit on drowsy driving and prevention of heatstroke in cars at the Maryland Highway Safety Summit on April 24. About 150 attended and about 80 took materials.
- J Attended EMS Cares conference in Ocean City on April 27-29. Conducted an indoor exhibit on drowsy driving and heatstroke in cars for about 115, and did the outdoor temperature display on Saturday. This attracted a lot of attention and the air temperature peaked around 75 degrees while the in-the-car temperature peaked at 109 degrees. Many EMS providers were interested in borrowing the display.
- J All the trauma centers who were participating in the drowsy driving campaign used the materials during the first week of April (national distracted driving prevention week), often in conjunction with displays in their hospital lobbies. Some placed the table tents in the cafeteria. Some used the social media messages and the article. Helped staff the Shock Trauma's table on drowsy and distracted driving prevention on 4/5/18 at the UMB Student Center. Conducted elements of the Campaign at the Maryland EMS Director's Annual Symposium on 4/11/18, including a short introduction of the Campaign, table tents for all the tables, hot cup holders and 3 handouts to each participant. Leftover table tents were taken by the MD State Police's medical director to distribute to law enforcement.



## Maryland RISK WATCH® Team April 2018



### Update to the MSFA Executive Committee and Fire and Injury Prevention & Life Safety Committee

**Maryland Risk Watch Team** extends a sincere **THANK YOU** to the MSFA and LAMSFA leadership and members for their support throughout the past seventeen years. As we continue to plan for the 2018 MSFA Convention, we encourage all members of the Fire & Injury Prevention and Life Safety Committee to actively participate in the interactive displays. Training for each of the stations is provided on Sunday of Convention and can be done as just in time training. The day to day work of this team of volunteers recognizes the primary support given by the MSFA through the Fire & Injury Prevention and Life Safety Committee. In partnership with Safe Kids Maryland, resources are coordinated and teaching tools are mobilized to reach children and teens across the state through day time, weekend and evening programming.

#### **2018 MSFA Convention:**

**Volunteers:** Are always needed for all four days but especially on Monday and Tuesday mornings and afternoons when we see the highest volumes. The sign up for the 2018 MSFA Convention went **LIVE** though Event Brite on March 24, 2018. [www.eventbrite.com](http://www.eventbrite.com), search Ocean City MD, search Risk Watch and Sign Up!

Sign up link is:

[http://2018riskwatch-safekids\\_msfaconvention.eventbrite.com?s=84394576](http://2018riskwatch-safekids_msfaconvention.eventbrite.com?s=84394576)

For the 2018 MSFA Convention we will again have a series of interactive skill stations for families and company members to learn "Steps to Safety". We have ongoing commitment from Maryland EMSC, EMSC Child Passenger Safety Project, the EMSC Family Advisory Network, Safe Kids Maryland, Cecil County Department of Emergency Services, Peninsula Regional Medical Center and the American Trauma Society. The committee requests Room 213 as a permanent location as long as possible. Room 213 not only provided better space for educational activities but access on Saturday for set up and Sunday for training sessions which allowed the adult injury prevention content experts to prepare youth volunteers for the week's activities (Risk Watch Goal 2). An additional benefit of Room 213 is the "just for a moment" access for adults who were going between other Convention activities and duties. Many of the adults visit each station and gathered materials for their own prevention activities back home (Risk Watch Goal 4).

Mascot Training was offered as part of the spring Fire & Injury Prevention Committee meeting on March 24, 2018 (Saturday Seminar at MFRI) as well as on site at 9:00 AM Sunday, Monday and Tuesday at the MSFA Convention for both Mascot volunteers and escort volunteers. Placing Mascot faces in the windows and having Mascots walk the convention areas with escorts has increased participation of both MSFA company members and the general public that come to see the interactive stations.

**NEW in 2018:** Safe Kids Maryland has received two new mini grants from Safe Kids Worldwide. One will feature Medication Safety and the second Water Safety. Materials and posters for both will be developed in May and be available onsite at Convention.

**Adult Content Experts:** leaders from the Prevention Community will continue to provide consistent adult mentors at each display table/ activity. The committee will be working with the State EMD committee to recruit more mentors for 9-1-1 training.





## Maryland RISK WATCH® Team April 2018



**Risk Watch Stations at 2018 MSFA Convention plans are listed below along with the lead agency:**

1. Make the Right Call : 9-1-1 (Cecil County DES)
2. Get out and Stay Out: Fire Safety (looking for a lead company/ county)
3. Medication Safety with focus on Over the Counter Medications (Safe Kids Maryland)
4. Preschool Tables:
  - Burn Safety – “What’s Hot & What’s Not”
  - Poison Safety – “Safe, Not Safe, Ask An Adult”
5. American Trauma Society (PRMC Trauma Center): Injury Topic
6. Pool Safety and Water Safety – (Safe Kids Maryland)
7. Child Passengers Safety (MIEMSS EMSC CPS project/ Safe Kids Md)
8. Drowsy Driving Awareness (MIEMSS EMSC CPS & OP project)
9. Emergency Ready Families (EMSC Family Advisory Council)
10. Heat Stroke prevention Outdoor Thermometer Display (MSFA & EMSC CPS Project)  
Outside display
11. Safety in the home for seniors – display to be developed by Fire Prevention Committee members
12. Risk Watch and Safe Kids Resources for adults on how to replicate at station or country level

**The Maryland RISK WATCH team has four goals at Convention:**

1. To provide young children and school age children hands on education experiences to be safer in their homes & communities through both psychomotor skills and new knowledge about high risk injuries.
2. To provide young life safety advocates (tweens, teens and young adults) with a mentored experience and specific lesson plans to work with younger children and their families.
3. To empower parents and care providers with knowledge on both the risks and the prevention strategies to keep everyone safer in their home and community (infants through seniors).
4. To demonstrate interactive safety displays based upon evidence based and best practices for life safety advocates across Maryland’s EMS, Fire & Rescue services.

**Public Educator Life Safety Seminar was held on March 24, 2018 at MFRI QH in College Park.** Evaluations were very positive and the detailed information is being compiled for the planning committee review in July after convention.

- 🚒 Morning Key Note – Opioids: Danger to your community and to responders (Clay Stamp)
- 🚒 Community Resources: who, what & where to find local resources (Holly Trego)
- 🚒 Burn Prevention: Teaching all ages what is “Too Hot to Touch” (CNMC)
- 🚒 Prevention Messages through Mascots (Emily Reaver)
- 🚒 Public Fire Prevention Education: reaching different audiences with NFPA materials
- 🚒 MSFA Fire & Injury Prevention Life Safety Committee updates



## Maryland RISK WATCH® Team April 2018



**Maryland Risk Watch Team** at the state level is requesting your support in recruiting adult and youth volunteers for 2018 MSFA Convention. Please contact the committee with new ideas at [riskwatch@msfa.org](mailto:riskwatch@msfa.org).

**Maryland Safe Kids Updates:** Grant from Safe Kids Worldwide has been received for the following activities / risk area focuses. The majority of the grant award is in materials (banners, games, handouts, logo trinkets) but not monetary awards.

- 1. Safe Kids Day Grant** events that will be incorporated into the MSFA Convention activities room and include banners and games.
- 2. Medication Safety Grant** focused on “OTC” (over the counter) medication safety for preteen and teens has been awarded. With the mini grant funds we will be building table top banner displays for each Safe Kids Coalition / Risk Watch community with the new Infographic (see attached) and medication: candy identification education tool.
- 3. Water Safety Grant** is focused on both pools and open water. Cecil County DES and Peninsula Regional Medical Center will be the lead communities. Mini grant funds will be used to develop displays including: table cloths, PFDs in all sizes, Water Watcher tags and lanyards, and pool safety printed materials.

### **Prevention Save the Dates:**

#### **Safe Kid Maryland Coalition 2018 Meetings:**

**September 5, 2018 @ MIEMSS Room 212 from 12:30 PM – 3:00 PM**  
**MIEMSS Headquarters 653 West Pratt Street, Baltimore Maryland**

**2018 Maryland Violence and Injury Prevention (MD VIP) Forum – Friday June 15, 2018 @ Ramada Inn, Hagerstown MD. [www.safermaryland.org](http://www.safermaryland.org) for more information.**

**Mid Atlantic Life Safety Conference – September 25, 2018 details to follow from FABSCOM**

**Public Educator Life Safety Seminar – *Tentative date of March 23, 2019 (Saturday)* at MFRI QH in College Park**



## Maryland RISK WATCH® Team

### April 2018



**Risk Watch Communities** with materials in schools, after school and community events are listed below. We would like to have a contact for Risk Watch and Safe Kids in each county to facilitate getting new information out and to share the camera ready public safety messages from national organizations. Please email [riskwatch@msfa.org](mailto:riskwatch@msfa.org) if you would like to be one of your counties contact.

<b>County</b>	<b>Contact</b>	<b>Target Audiences</b>
Carroll County	<i>Debbie Gartrell Kemp transitioning to Safe Kids Carroll County</i>	County events and health fairs
Calvert County	<i>St Leonard VFD - need new contact</i>	Safety Events
Cecil County	Holly Trego Depart of Emergency Services	Safe Kids activities and County safety events
Frederick County	<i>contact needed</i>	Health Department resource
Garrett County	Diane Lee Health Department	Safe Kids activities Child Passenger Safety
Howard County	<i>contact needed</i>	Park and Recreation Department
Johns Hopkins Pediatric ED	Mary Ellen Wilson RN EMSC FAN Council Chair	Safety information for families and Safety displays
Montgomery County	Beth Anne Nesselt County Fire & Rescue	Public, Private and home school Safe Kids Coalition
Prince George's County	Teresa Ann Crisman Fire & EMS Department	Special Needs Safe Kids Coalition County safety events
Prince George's County	Teresa Ann Crisman PGCVFRA	Special Needs County safety events
Queen Anne's County	David Reid	Elementary Schools
Rock Hall (Kent County)	Andrea Joyner RN Health Department	Safety Events
Tilghman Island (Talbot County)	School Library	Resource curriculum
Washington County	Kelly Llewellyn RN Meritus Trauma Center	Safe Kids Coalition American Trauma Society member
Wicomico County	Kari Cheezum RN PRMC Trauma Center	Safe Kids activities American Trauma Society member
<i>More are welcome to join</i>		



# Maryland RISK WATCH® Team April 2018



## NEW: Drowsy Driving Awareness & Prevention Campaign for Maryland Healthcare Agencies

MIEMSS EMSC Child Passenger Safety & Occupant Protection project has a one year grant to provide Maryland public safety and healthcare agencies various free materials to conduct an awareness and prevention campaign on drowsy driving. The Campaign kit includes social media materials, videos, handouts, incentive items, publishing-ready articles and photos, and a lobby display. The EMS broadcast from R A Cowley Shock Trauma Center in February featured a local neurologist and fire fighter from Baltimore County on the science of Drowsy Driving. The 11 Trauma Centers will combine public safety education on distracted and drowsy driving in April.

**When:** Campaign can be conducted anytime between February-June 2018

**Who:** Maryland healthcare providers at hospitals, EMS Fire and Rescue companies, and commercial ambulance companies, and the public.

**How:** to get more information: contact Susanne Ogaitis-Jones at 410-706-8647 or [cps@miemss.org](mailto:cps@miemss.org)

### WHAT TO KNOW ABOUT STORING MEDICINE

**JUST ONE MINUTE**  
It's so easy to read the package directions up there, it's so easy to get it out of the medicine bottle.

**CURIOUS CLIMBERS**  
It's so easy to climb up there, it's so easy to get it out of the medicine bottle.

**CHILD-RESISTANT = CHILDPROOF**  
It's so easy to get it out of the medicine bottle.

**EVERY 9 MINUTES**  
Every 9 minutes, a child goes to the emergency room.

**EVERY HOUR**  
Every hour, a child is hospitalized.

**EVERY 12 DAYS**  
Every 12 days, a child dies.

#### THE RISK IS REAL: HOW FAMILIES CAN HELP PROTECT KIDS

- Put all medicines and poisons out of children's reach and sight. Remember to keep children's hands out of reach, as they may contain medicines.
- Remember that child-resistant packaging is not childproof. So put medicines away immediately after every use, so you need to give another dose in a few hours.
- Save the Poison Help number - 1-800-222-1222 - in your phone and post it visibly at home so other caregivers can find it in an emergency.



Original provided by Deborah A. Robinson, PharmD, MPH

## NEW Research report from Safe Kids Worldwide on Medication Storage (March 2018).

The full report can be found at :

[https://www.safekids.org/sites/default/files/safe\\_medicine\\_storage-march\\_2018.pdf](https://www.safekids.org/sites/default/files/safe_medicine_storage-march_2018.pdf)

**The take home messages are the same:**

- Keep medicine stored out of reach and sight every time
- Remember child-resistant packaging is not childproof.  
*So put medicine away immediately after every use, even if you need to give another dose in a few hours;*
- Use safe reminder tools to help you remember when to take and give medicine
- Save the Poison Help number: 1-800-222-1222 in your phone and post it visibly at home

### **The Quick Facts:**

- 🕒 Every 12 days, a child under age 6 in the United States dies from a non-intentional medicine-related poisoning.
- 🕒 Every hour, a child is hospitalized for that same reason
- 🕒 Every nine minutes, a child goes to the emergency department



Sign Up on Event Brite: Search Risk Watch in Ocean City Maryland  
[http://2018riskwatch-safekids\\_msfaconvention.eventbrite.com?s=84394576](http://2018riskwatch-safekids_msfaconvention.eventbrite.com?s=84394576)

Ocean City, MD Risk Watch Events

Health X

RELEVANCE DATE

SAT, JUN 16 2:00 PM  
2018 MSFA Convention : Risk Watch / Safe Kids SET UP - Saturday June 16, 2018 14:00 PM  
Ocean City MD Convention Center, Ocean City  
FREE #Health #Convention

MON, JUN 18 9:00 AM  
2018 MSFA Convention : Risk Watch / Safe Kids Maryland ORIENTATION for Volunteers and Mascots - "Steps to Safety" Interactive Displays...  
Ocean City Convention Center, Ocean City  
FREE #Health #Convention

TUE, JUN 19 9:00 AM  
2018 MSFA Convention : Risk Watch / Safe Kids Maryland ORIENTATION for Volunteers and Mascots - "Steps to Safety" Interactive Displays...  
Ocean City Convention Center, Ocean City  
FREE #Health #Convention

SUN, JUN 17 9:00 AM  
2018 MSFA Convention : Risk Watch / Safe Kids Maryland ORIENTATION for Volunteers and Mascots - "Steps to Safety" Interactive Displays...  
Ocean City Convention Center, Ocean City  
FREE #Health #Convention

SUN, JUN 17 9:30 AM & 2 MORE  
2018 MSFA Convention : Risk Watch / Safe Kids Maryland VOLUNTEER to teach "Steps to Safety" Interactive Displays (Sunday 6/17/18 AM & PM  
Ocean City Convention Center, Ocean City  
FREE #Health #Convention

MON, JUN 18 9:30 AM & 2 MORE  
2018 MSFA Convention : Risk Watch / Safe Kids Maryland VOLUNTEER to teach "Steps to Safety" Interactive Displays (Monday 6/18/18 AM & PM...  
Ocean City Convention Center, Ocean City  
FREE #Health #Convention

TUE, JUN 19 9:30 AM & 2 MORE  
2018 MSFA Convention : Risk Watch / Safe Kids Maryland VOLUNTEER to teach "Steps to Safety" Interactive Displays (Tuesday 6/19/18 AM & PM...  
Ocean City Convention Center, Ocean City  
FREE #Health #Convention

WED, JUN 20 9:00 AM  
2018 MSFA Convention : Risk Watch / Safe Kids Maryland VOLUNTEER to teach "Steps to Safety" Interactive Displays (Wednesday 6/20/18 AM tim...  
Ocean City Convention Center, Ocean City  
FREE #Health #Convention

Cynthia Wright Johnson, MSFA Risk Watch / Safe Kids Maryland Chair  
Organizer of 2018 MSFA Convention: Risk Watch / Safe Kids