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  - **REGISTRATION INFORMATION**



HARRAH'S WATERFRONT CONFERENCE CENTER 777 Harrah's Boulevard | Atlantic City, NJ 08401 (609) 441-5000



# "Where Service Builds Sales"

Ambulance Sales Manager Kevin McAuliffe (973)-214-2285 - kmcauliffe@FF1.com



Attendees, guests, and colleagues - welcome!

WELCOME

I am delighted to welcome you to join our team for this incredible opportunity to learn and share from some of the industry's superstars. The team responsible for organizing this event has outdone themselves, and as the Director of the Office of Emergency Medical Services, I extend my sincerest gratitude to our partners, the New Jersey Academy of Family Physicians, the Emergency Medical Services for Children Program, fellow state agencies, and my team for their energy and creativity invested in providing an event for us to enjoy.

Whether you are a first-time attendee or a returning guest, we appreciate your trust and promise to make it worth your while. We have put together an energetic collection of talks, sessions, and workshops with top-notch faculty to whet your appetite for learning. Our agenda features more than 100 cutting-edge presentations or workshops designed to, expand your knowledge, promote diversity, acknowledge struggles amongst you and/or your co-workers, and foster a climate of encouragement and healthy exchange.

The National Conference on EMS is a unique learning experience that helps us improve the quality of care delivered in New Jersey. Every year our EMS community unites to network, share experiences, forge lifelong connections, and put our knowledge and skills to the test. We encourage you to make connections that will help those who are new and experienced in EMS navigate the winding road toward success.

Don't forget to visit the exhibit floor, tour state-of-the-art vehicles, learn about the latest advances in mobile healthcare technology, and attend one of our learning labs. Also, the 15th annual SIM Competition will return once again this year, where Basic and Advanced Life Support teams will use their knowledge and experience to provide the best quality care for a composite of patients and high-fidelity human simulators within unique clinical scenarios. I hope you will join us for this intriguing educational program as the top-ranked teams compete before a live audience on Thursday, November 2nd at 6:30 pm.

I invite you to celebrate all you have accomplished and be recognized at the 23rd annual EMS Awards Program, which will be held on November 3, 2023. The awards program recognizes EMS professionals who have been nominated by their peers for extraordinary dedication to emergency responses and lifesaving missions during times of crisis.

Finally, I would like to express my gratitude to all our generous sponsors, vendors, and suppliers, without whom this conference would not be possible. I look forward to seeing you all in November!

Best regards,

Candace Galdner, Paramedic Director Office of Emergency Medical Services

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# **CONFERENCE HIGHLIGHTS**

# **EDUCATION SESSIONS**

This conference brings you educational opportunities that reflect current medical knowledge and practice. Attending this conference ensures that you will provide appropriate, evidence-based patient care and follow procedures critical to smooth and efficient on-scene operations. There are over 100 sessions to choose from, divided over numerous tracks and all presented by experts in the field. Follow the track that is most important to you or select sessions where you would like to build additional skills.

# **CONTINUING EDUCATION CREDITS**

Most sessions have been approved for 1.25 CEU EMT elective credits and 1.25 professional development credits by the New Jersey Department of Health.

# **EMT Credit**

The New Jersey Department of Health, Office of Emergency Medical Services designates this activity for 28.25 CEUs for EMT credit.

# **Nursing Credit**

Firm, Inc is accredited as a provider of nursing continuing professional development by the American Nurses Credentialing Center's Commission on Accreditation. Firm Inc. designates this educational activity for a maximum of 26.25 contact hours.

# **Physician Credit**

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the New Jersey Academy of Family Physicians and the New Jersey Office of Emergency Medical Services. The NJAFP is accredited by the ACCME to provide continuing medical education for physicians.



The New Jersey Academy of Family Physicians designates this live activity for a maximum number of 24.25 AMA PRA Category 1 Credit(s)<sup>TM</sup>. Physicians should claim only the credit commensurate to the extent of their participation in the activity.

The American Osteopathic Association designates this activity for 24.25 Category 2 credit.

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egion's Leading Burr ter for More Than 20 Yea



# THE SIM COMPETITION ENTERS ITS 15TH YEAR!

The SIM Competition pits ALS and BLS teams against each other in high-stakes life-saving situations. The preliminary rounds will be held on Wednesday, November 1 with the finals on Thursday, November 2 from 6:30pm to 8:30pm. The top three ALS and BLS teams will go head-to-head in clinical scenarios where they will manage critically ill or injured patients to earn the number one spot and bragging rights as the winner of the 2023 SIM Competition! During the breaks between competitions there will be brief educational presentations related to the scenarios allowing attendees to earn 2.0 elective professional development CEUs.

# 2023 NATIONAL CONFERENCE ON EMS EXPO

Join the excitement on the exhibit floor. Get hands-on experience with lifesaving equipment and learn the latest advances in EMS care. Visit a wide variety of suppliers whose products are specifically geared to the EMS community.

## **EMS AWARDS CELEBRATION**

Join the Office of Emergency Medical Services and the New Jersey EMS Advisory Council at the 23rd Annual EMS Awards Celebration on Friday, November 3, 2023. Celebrate and recognize the individuals and agencies for their dedication to the provision of emergency medical services.

# HOW EMTs BECOME THE VERY BEST.



Thinking of becoming an Emergency Medical Technician (EMT) or looking to hone your skills with a refresher course? Penn Medicine Princeton Health has partnered with Mercer County Fire Academy to offer a host of educational opportunities.

Our 14-week program teaches the comprehensive skills you'll need to become a licensed EMT. We also offer 1-day refresher courses for working EMTs to help with airway, medical and trauma assessment and management.

To search Princeton Health's EMT offerings scan the code.



Penn Medicine Princeton Health



# HOTEL INFORMATION



## HOTEL INFORMATION

Harrah's Waterfront Conference Center is located on the bay side and just a Jitney ride from the world famous Atlantic City Boardwalk. "The Walk" features a shopping complex with over 60 stores, outlets, restaurants, and entertainment.

Rooms are available from Tuesday, October 31 through Saturday, November 4 at the special Conference rates listed below for single or double occupancy.

#### HOTEL RATES:

| Tuesday   | 10/31/23 | \$ 84 |
|-----------|----------|-------|
| Wednesday | 11/01/23 | \$ 84 |
| Thursday  | 11/02/23 | \$ 84 |
| Friday    | 11/03/23 | \$134 |
| Saturday  | 11/04/23 | \$134 |

Rates are subject to Atlantic City room tax, currently 13.875%. Rates are also subject to Atlantic City promotional fee, currently \$2.00, and a New Jersey State occupancy fee, currently \$3.00 per room per night. Rates subject to change without notice. The room block will close on Sunday, October 1, 2023, so book early.

There is a daily resort fee of \$20 per room. This fee includes unlimited local phone calls (no long distance or international calls), a \$5 voucher toward self-parking, and basic WiFi, to include two devices per room. Two guest admissions per day to the Fitness Center and Pool Access and Night Swim (7 days per week for guests 21 years and older).

> Hotel Check-in: 4:00pm Hotel Check-out: 12:00pm

There is a \$75 early departure fee if you check out prior to your reserved date. Please advise the hotel as quickly as possible or upon your arrival if your departure date will change your length of stay.

Please note: Each guest room must have at least one registered guest 21 years of age or older. Guests under 21 will not be permitted to check into the hotel unaccompanied.

# RESERVATIONS

To make your reservations, call Harrah's Atlantic City directly at (888) 516-2215 (8am-2am EST, 7 days a week) on or before the group cut-off date of October 1, 2023. You must identify yourself as attending the EMS Conference and provide the group code: SH10EM3\* to receive the special conference rate. The Group name is NJ EMS 2023.

You may also reserve your hotel online at: book.passkey.com/go/SH10EM3

All reservations must be guaranteed with a deposit for the first night's guestroom and tax charge. Reservations made after October 1, 2023, will be accepted at the hotel's prevailing rate, subject to availability.

\*All callers will be asked for this code (SH10EM3) but can also book by saying, "NJ EMS 2023."

## PARKING

The current parking fee per stay is \$5.00 for self-parking or \$10.00 for valet parking for all overnight hotel guests. However, it is subject to change.



# **REGISTRATION INFORMATION**



# Early registration is recommended as breakout sessions will be capped at a specific number of attendees.

#### Register online at:

## NationalConferenceonEMS.com

After completing online registration, you will receive a confirmation of your registration. Bring a copy of your registration with you to the conference so you have a record of the sessions you selected to attend.

All sessions will be filled in the order in which paid registrations are received. Session schedules and faculty are subject to change and conference organizers reserve the right to cap or cancel sessions. Participants will be notified by email if a session is filled or canceled and given a chance to select another. Attendees must be registered for each session they attend. Auditing of sessions is not permitted.

Conference registration fees include continuing education credits, session materials, breakfast, refreshment breaks, and lunches. **Registration fees do not include hotel accommodations, incidentals, or admission to the EMS Awards Program.** 

# ATTENDEE / GUEST REGISTRATION

All guests of attendees (spouses, children, etc.) must be registered if they plan to attend meal functions, special events and/or visit the exhibit area.

All registered attendees and guests receive a conference badge that identifies the wearer as a conference attendee and permits access to the exhibit floor, meals and special functions (excluding the EMS



Awards Celebration). Event badges MUST be worn to have access to the Exhibit Floor.

For the full listing of all conference registration fees, see page 40 of this brochure.

Early conference check-in will be held Wednesday, November 1st from 4:00pm to 6:00pm at Harrah's Waterfront Conference Center. Regular conference check-in will begin Thursday, November 2nd, 2023 at 7:00am.

## **REFUND POLICY**

If you must cancel your registration, a request must be made via email to the National Conference on EMS. Substitute attendees are encouraged and accepted at any time. To cancel or modify your registration email Gigi Andrew at NJAFP@executivevents.com. Phone cancellations will not be accepted.

Cancellation/Refund Policy is as follows:

- Cancellations received prior to 5:00pm on Friday, September 30, 2023 EST are 100% refundable.
- Cancellations received prior to Friday, October 13, 2023 are refunded at 50% of the registration fee.

No refunds will be issued for any cancellations received after Friday, October 13, 2023.

NOTE: Pictures will be taken during the conference. By registering for the conference, you acknowledge that there is a possibility your picture, audio or video image may be taken and that the event organizers can use the photo, audio, or video for marketing purposes and that you will not be entitled to any compensation for photo or video use.



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# **TRACK DESCRIPTIONS**







Sessions are divided into customized learning tracks for attendees to follow based on their desired focus and scope of practice.

**1. Basic Level Clinicians (BLS)** These sessions are ideal for the basic clincian. They will also offer valuable information for anyone desiring to brush up on their skills.

**2. Advanced Level Clinicians (ALS)** Sessions are targeted to advanced clinicians. They will also be of interest to basic clinicians and anyone wishing to improve their skill set.

**3. Critical Care (CC)** Anticipating and recognizing a critical patient and being able to respond appropriately is what EMS is all about. Learn critical response care through the response process.

**4. Emergency Preparedness (EP)** From active shooters to bomb threats and from human trafficking to pandemics, emergency response needs to be swift and well-coordinated. Learn how to immediately assess and respond to a situation and bring in the appropriate response teams.

**5. Education (E)** Educators seeking to improve their engagement and communication skills will find these sessions an invaluable resource.

**6. Emergency Medical Services for Children (EMSC)** EMSC sessions are designed to help you provide the best care possible for your smallest and most vulnerable patients.

**7. Health / Wellness (H/W)** These sessions focus on you and your wellbeing, in addition to showing you how you can help your fellow colleagues.

**8. Leadership / QI (L/QI)** These sessions will help you manage and inspire your staff as well as offer practical advice on how to run an effective and successful organization.

**9.** Physician (P) These sessions have been certified for *AMA PRA Category 1 credit(s)TM*.

**10. Learning Labs (LL)** Learning Labs are fast-paced educational sessions. While suitable for any discipline, only EMT credit will be available.

# **CONGRATULATIONS** TO ALL OF THIS YEAR'S NOMINEES & AWARD WINNERS



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# **SESSIONS-AT-A-GLANCE**

# PRECONFERENCE WEDNESDAY, NOVEMBER 1

# 7:00 AM - 8:00 AM CONTINENTAL BREAKFAST

#### 8:00 AM - 5:00 PM \_\_\_\_\_

#### PCWE-01

# EMS Response to the Large-Scale Incident - Awareness with Tabletop Exercise

H Bucky Buchanan, Deb Bell, Bil Rosen, Steven C Cicala, Anthony Gabriel, Frank Intessimoni, Nicholas Vannucci NJ EMS TASK FORCE

#### PCWE-02

Mental Health First Aid for Fire and EMS

Barbara Vaning; Bill Greenhalgh MHFA Instructor

#### PCWE-03

**Resuscitation Workshop** 

Keith Lurie; Johanna Moore; Peter Antevy; Paul Pepe

#### PCWE-04AM

Five Minutes to Help - Part 1\*

Colleen McKay Wharton; Eva Nelson; Melissa O'Mara; Philip McCabe

\*Please note that you must take Part 1 in order to take Part 2, but you may choose to only take Part 1 of the class.

#### PCWE-04PM Five Minutes to Help - Part 2\*

Colleen McKay Wharton; Eva Nelson; Melissa O'Mara; Philip McCabe

\*Please note that you must take Part 1 in order to take Part 2.

## 8:00 AM - 12:00 PM \_\_\_\_\_

PCWE-05 EMS Response to Human Trafficking: Recognizing the Signs and Taking Action

Joseph Remy

PCWE-06 Becoming a Great Communicator - Breaking Bad News and Having Tough Talks via Simulation

Joslyn Joseph

1:00 PM - 5:00 PM \_\_\_\_\_

PCWE-07 PRECON
American Sign Language for First Responders

Matt Gilmore; Marissa Sampson; Dan Crisham

# www.NationalConferenceonEMS.com

# MAIN CONFERENCE THURSDAY, NOVEMBER 2

7:00 AM - 8:00 AM BREAKFAST

8:00 AM - 9:00 AM —

TH0800-1 WELCOME - KEYNOTE Creating a Culture of Inspiration in EMS: Advancing the Profession and Expanding Opportunities

Ryan Greenberg

- 9:30 AM 10:00 AM COFFEE BREAK
- 10:00 AM 11:15 AM \_\_\_\_\_

TH1000-01 BLS | ALS | P Communication Failure: When Your Patient Can't Hear You Matt Gilmore; Marissa Sampson

TH1000-02 BLS | ALS Change Behaviors in your Organization

TH1000-03 ALS | CC | P EMS Capnography Explained Richard Huff

Fred Ellinger, Jr.

TH1000-04 EMSC | P Pediatric Respiratory SCTU-Preparing You and Your Team for Successful Pediatric Respiratory Transports

Kasia Wolan







# **SESSIONS-AT-A-GLANCE**

# MAIN CONFERENCE THURSDAY, NOVEMBER 2

TH1000-05 L / QI Culture: The Retention and Recruitment Silver Bullet James McManus

TH1000-06 EP | P 10 Golden Rules for MCI Management

TH1000-07 H / W | P Psychological Trauma Prevention

TH1000-08 BLS | ALS **The ABCs of the POLST** 

Aron Gass

Stephanie Leather

Paul Pepe

11:15 AM - 11:30 AM - Travel to next session

11:30 AM - 12:45 PM -

TH1130-01BLS | ALS | PIs Your Chest Pain Cardiac, or Not?

TH1130-02 BLS | ALS Can AI Take Your Job?

Daniel Gaudette

Michael Berkenbush

TH1130-03 ALS | CC | P REBOA for Cardiac Arrest

Johanna Moore

TH1130-04 EMSC | P Thinking of the Little Things in Disasters

Richard Lippert



TH1130-05 L / QI The National EMS Quality Alliance (NEMSQA): What is it and How Can it Help Your Agency Improve Patient Care?

Steven Cohen

TH1130-06E**Do NOT Teach to the Test (Except For a Little)** 

Latimer Hoke

 $\begin{array}{ll} TH1130\text{-}07 & H\ /\ W\ |\ P\\ \textbf{Saving Our Saviors: Providing Practical Violence Prevention}\\ \textbf{Training for EMS} \end{array}$ 

Edward VanWagner

TH1130-08BLS | ALSLet's Talk. Women making a difference in EMS?

Jenna Ferlazzo

- 12:45 PM 2:00 PM LUNCH & EXHIBIT FLOOR OPENS
- 2:00 PM 3:15 PM -

TH0200-01 BLS | ALS | P Cannabis Legalization: Focus on Safety and Prevention Diane Calello; Danielle Bartsche

TH0200-02 BLS | ALS An Overview of Legal Topics for EMS

Danielle Mastropiero.

TH0200-03 ALS | CC | P Cerebral Oximetry in EMS

Keith Lurie

TH0200-04 EMSC | P **Two Trauma Patients, One Body: Treating the Pregnant Trauma Patient** 

Joslyn Joseph

 TH0200-05
 L / QI

 It Doesn't Suck to Work Here

Weston Davis

TH0200-06 E **Fireside Chat for EMT Instructors: Part 1** Bryan Fischberg; Laurie Sheldon

TH0200-07 H /W **EMS Family Feud II** 

TH0200-08 BLS | ALS | P Understanding LGBTQIA+ Identities Daniel Gaudette

Margaret Keavney

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EMS Dispatch







# **SESSIONS-AT-A-GLANCE**

# MAIN CONFERENCE THURSDAY, NOVEMBER 2

#### **LEARNING LABS**

2:15 PM - 2:45 PM

THLL0-01 LL Engaging a Multi-Generational Workforce Taryn Abrahams

**3:00 PM - 3:30 PM** 

THLL0-02 LL **How to Prepare Ourselves for an Emergency**? Siddharth Saran

## 3:15 PM - 3:45 PM BREAK ON THE EXHIBIT FLOOR

3:45 PM - 5:00 PM -

TH0345-01 BLS | ALS **TOTAL(!) Inclusion(?)** 

Latimer Hoke

TH0345-02 BLS | ALS Numbers, what Numbers? Using Basic EMS Data to Help Your Squad

Richard Huff

TH0345-03 ALS | CC | P Cardiac Surgery 101

Timothy Misselbeck

TH0345-04 EMSC | P New Approaches in Managing Pediatric Drownings Peter Antevy

TH0345-05 L / QI EEC: Embracing Change, Encouraging Diversity, and Confronting Biases Richard Lippert

TH0345-06 E **Fireside Chat for EMT Instructors – Part 2** *Bryan Fischberg; Laurie Sheldon* 

TH0345-07 H / W | P **The Uncomfortable Truth about Provider Mental Health** *Stephanie Leather* 

TH0345-08 BLS | ALS | P Now What? Life after COVID-19 for EMS

K.C. Rondello



#### **LEARNING LABS**

#### **3:45 PM - 4:15 PM**

 THLL0-03
 LL

 Rescue Task Force in an Active Shooter Response: What to

 Expect from the Law Enforcement Element

Keith Miano

4:30 PM - 5:00 PM

THLL0-04LLMaximum Care with Minimal Resources: EMS in the U.S.Forest Service

Conor McNally

# 5:00 PM - 6:30 PM EXHIBITOR RECEPTION









# **SESSIONS-AT-A-GLANCE**

# MAIN CONFERENCE FRIDAY, NOVEMBER 3

- 7:00 AM 8:00 AM BREAKFAST AND EXHIBITS
- 8:00 AM 9:15 AM \_\_\_\_\_

FR0800-01 BLS | ALS Pharmacology for the EMT

Edward Bauter

FR0800-02 BLS | ALS | P HIPAA On The Scene (and Afterwards)

Margaret Keavney

FR0800-03 ALS | CC| P Crush Medicine: Stopping the Smiling Death

EMSC | P

Brenda Braun

Ian Swords

FR0800-05 L / QI **The Importance of Proper Documentation for EMS Providers** *William McDonald* 

FR0800-06 E Effective EMS Education

FR0800-04

**DKA in Pregnancy** 

Robin Satty

FR0800-07 EP | P Special OPS Integration

Jennifer McCarthy, Evan Holtz, H. Bucky Buchanan, Bil Rosen

FR0800-08 BLS | ALS | P Significant Physical Exam Findings: Meaning, Intervention, and Reporting

Stephen Harrison



- 9:15 AM 9:25 AM Travel to next session
- 9:25 AM 10:40 AM \_\_\_\_

 FR0925-01
 BLS | ALS

 The Effective EMS Handoff: It's Not Just a Signature
 Devin Dromgoole

 FR0925-02
 BLS | ALS

 Closing the Generation Gap in EMS
 Joseph Kotora

 FR0925-03
 ALS | CC | P

 ECMO and LVADS: A Primer for EMS Providers

 Timothy Misselbeck

FR0925-04 EMSC | P Pediatric Time-Sensitive Emergencies

FR0925-05 L / QI Conducting Incident Investigations

FR0925-06 E Creating an EMS Themed Escape Room

Danny Opperman FR0925-07 EP | P Bioterrorism: Historical and Current Case Studies

Timothy Satty

Lisa Drago

Matthew Streger

FR0925-08 BLS | ALS With Additional Tools Comes Additional Responsibility: Enhancing Our BLS Assessment & Treatment of the Sick Patient Joshua Hartman

# 10:40 AM - 11:10 AM BREAK ON THE EXHIBIT FLOOR



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# **SESSIONS-AT-A-GLANCE**



# MAIN CONFERENCE FRIDAY, NOVEMBER 3

#### 11:10 AM - 12:40 PM

FR11010-01KEYNOTECritical Incident Stress Debriefings, Crisis Canines, and theBond that Helps Heal First Responders

John Hunt

- 12:40 PM 2:15 PM LUNCH & EXHIBITS
- 2:15 PM 3:30 PM \_\_\_\_\_

FR0215-01 BLS | ALS | P EMS Medical Director Discussion Panel

Moderator: Gerard Carroll Panel: Benjamin Abo; Ron Klebacher; Joseph Kotora; Timothy Satty; Barbara Schreibman; Jay Stiefel; Cheng-Teng "Bill" Wang

FR0215-02 BLS | ALS | P Xylazine and Nitazenes: The Ever-Changing Landscape of Resuscitation

Daniel Gerard

FR0215-03 ALS | CC | P Beyond "Aim for the Bubbles:" Airway Management in Trauma

Е

Jeffrey Lubin

FR0215-04 EMSC | P Pediatric Refresher

Lisa Drago

FR0215-05 **Disrupting the Silence** 

Jennifer McCarthy; Jarrod Broadway; Brandon Lewis

FR0215-06 BLS | ALS "RACE" to the Comprehensive Stroke Center (CSC): CSC Triage Protocols for ELVO Bypass

Michael Ramage

FR0215-07 H /W | P **Changing the Narrative:** Peer Support in EMS Derrick Jacobus; Kelley Jillson; Michael

FR0215-08 E I Was Wrong: The Journey of an EMS Physician Becoming an EMT Instructor

Ken Lavelle

#### LEARNING LABS

**2:15 PM - 2:45 PM** 

FRLL0-01 LL Counseling and EMS

Latimer Hoke

**3:00 PM - 3:30 PM** 

FRLL0-02LLDon't Know What to Say? Call ReachNJ: An Interactive<br/>Session to Learn About Addiction Resources for Your<br/>Patients

Reach NJ

#### 3:30 PM - 3:45 PM - Travel to next session

3:45 PM - 5:00 PM \_\_\_\_

FR0345-01 BLS | ALS | P Understanding the root cause of teenage vehicle fatalities (and how they can be prevented) Daniel J. Wagner

FR0345-02 BLS | ALS Do it With the Lights Off: How We Overuse Our Lights and Sirens

Latimer Hoke

FR0345-03 ALS | CC | P Prehospital Surgical Airways: When Nothing Else Cuts It Cheng-Teng "Bill" Wang, Neil Thorn

FR0345-04 EMSC | P It's a Small World After All! Neonatal Assessment and Selected Emergencies

Brenda Braun





# **SESSIONS-AT-A-GLANCE**

# MAIN CONFERENCE FRIDAY, NOVEMBER 3

**3:45 PM - 5:00 PM** 

FR0345-05 L / QI Send the Elevator Back Down

Jarrod Broadway

FR0345-06 E Inter-Rater Reliability: Assessing Your Assessment Tools Evan Holtz; John Dorn

 $\begin{array}{ll} FR0345\text{-}07 & H \ / \ W \ | \ P \\ \textbf{Responding to the Overdose in 2023 - Going Way Beyond} \\ \textbf{Naloxone} \end{array}$ 

Joslyn Joseph

FR0345-08 BLS | ALS | P "I Treat All My Patients the Same." But Do You? Evaluating Disparities in EMS

Jennifer Somers

## **LEARNING LABS**

3:45 PM - 4:15 PM

FRLL0-03 LL The Long and Short of Using Length Based Tapes for Children Marc Minkler

**4:30 PM - 5:00 PM** 

FRLL0-04 LL **Airway Review: Are We Missing the Point?** *Edward Van Wagner, Amv Eisenhauer* 

# MAIN CONFERENCE SATURDAY, NOVEMBER 4

8:30 AM - 10:30 AM BREAKFAST AND EXHIBITS (Floor closes at 10:30 AM)

#### 9:00 AM - 10:15 AM \_\_\_\_\_

SA0900-01 BLS | ALS Techniques to Reduce Violence Against Nurses and EMS in the Emergency Setting

 Michael Zielinski

 SA0900-02
 EP | P

 Feeling Nervous? Recognition and Management

 of Nerve Agent Exposure

 Garrett Cavaliere

 SA0900-03
 ALS | CC | P

 Did that VAD Stop?
 Matthew Emerick,

 SA0900-04
 EMSC | P

 Pediatric Cases
 EMSC | P

Daryl Gruenhagen

Judyth Brown

Timothy Satty

SA0900-05 Brilliant Students

SA900-6 BLS | ALS | P

Airplane Emergencies: Surely, You Can Help

Е

10:15 AM - 10:25 AM - Travel to next session

# 6:00 PM - 10:00 PM 2023 EMS AWARDS CELEBRATION



# handtevy

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# **SESSIONS-AT-A-GLANCE**

# MAIN CONFERENCE SATURDAY, NOVEMBER 4

10:25 AM - 11:40 AM \_\_\_\_\_

SA1025-01 Women in EMS BLS | ALS

Rihi Jain

SA1025-02 ALS | CC | P Happy Lungs! A Review of Pressure, Volume, and SIMV Modes Andrew Grandin, Matthew Steenberg

SA1025-03 H / W Relax and Restore with Acupressure

Jennifer Steffener

SA1025-04 EMSC | P EMS Encounters of Prehospital Obstetric Emergencies in the U.S. and Implementation of "OB Alert" Leen Samha

SA1025-05 L / QI **When You Know Its Time** 

H. Bucky Buchanan, Evan Holtz

SA1025-06 BLS | ALS Brilliant Documentation

Anna Ryan

- 11:40 AM 12:40 PM LUNCH
- 12:40 PM 1:55 PM \_\_\_\_

SA1240-01 BLS | ALS | P Cancer: A Hidden Threat Facing EMS Clinicians and Their Patients

Ellen Indoe, Ashley Purper

SA1240-02 BLS | ALS A Drone Response to Searches

William Kohut

SA1240-03 L / QI Retention Rescue: Evaluating Retention in EMS Debbie Quintana

SA1240-04 E Brilliant Instructors: How to Look Like a Genius Without Even Trying

Anna Ryan

SA1240-05 H / W | P Mental Wellness in EMS

Rihi Jain

SA1240-06 ALS | BLS | P The Malicious and Monstrous Maladies of Disney

Amy Eisenhauer

# 1:50 PM - 2:00 PM - Travel to next session

#### 2:00 PM - 3:15 PM -

SA0200-01 BLS | ALS Lack of Preplanning in EMS

William Kohut

SA0200-02 BLS | ALS | P Bleeding Control in Penetrating Trauma: A New Direction Daniel Schwester

SA0200-03 BLS | ALS Is Resiliency Enough? Self-care for EMS professionals Andi Quinn

SA0200-04 EMSC "Super Hero Kids"

Marc Minkler

SA0200-05 L / QI **Patients Are People First, Compassion as a First Line Therapy** *Anthony Correia; Tara Williams Tucker* 

SA0200-06 H / W | P **Peer Support: The Purpose, Value, and Opportunity** *Richard Van Der Wall* 

#### **CONFERENCE CONCLUDES**







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# **SESSION DESCRIPTIONS**

# PRECONFERENCE WEDNESDAY, NOVEMBER 1

# 7:00 AM - 8:00 AM CONTINENTAL BREAKFAST

#### 8:00 AM - 5:00 PM \_\_\_\_\_

#### PCWE-01

# EMS Response to the Large-Scale Incident - Awareness with Tabletop Exercise

H Bucky Buchanan, Deb Bell, Bil Rosen, Steven C Cicala, Anthony Gabriel, Frank Intessimoni, Nicholas Vannucci NJ EMS TASK FORCE

This program is intended to prepare EMS personnel to respond to and effectively operate at Large Scale Incidents with an emphasis on establishing the components of the EMS Branch. Participants will leave with a deep understanding of successful strategies for staging, triage, treatment, and transport. This immersive session will allow participants to receive real-time feedback and guidance from industry experts. These experts will share lessons learned to empower EMS clinicians who will benefit from the instructors' years of experience and responses to all types of large-scale events. Working through all components of the EMS Branch will demonstrate the challenges of responding to large-scale incidents and the benefit of utilizing standardized incident management practices.

## PCWE-02

#### Mental Health First Aid for Fire and EMS Barbara Vaning, MHA; Bill Greenhalgh, NREMT, MHFA Instructor

Why Does Mental Health Matter for Fire and EMS Workers? In 2017, 103 FIRE/EMS personnel died by suicide - more than the 93 who died in the line of duty. Approximately 85% of first responders have experienced symptoms related to mental health issues. Around 75% of rescue workers report mild symptoms of psychological trauma following a disaster. According to a national survey of first responders, nearly 40% of respondents said there would be negative repercussions for seeking mental health help at work. Mental Health First Aid for Fire/EMS teaches the skills needed to identify, understand, and respond to signs of mental illnesses and substance use disorders.





PCWE-03 Resuscitation Workshop

> Keith Lurie, MD; Johanna Moore, MD; Peter Antevy, MD; Paul Pepe, MD, MPH

This workshop will cover a range of topics related to resuscitation management, including dispatcher-assisted CPR, innovative lifesaving technologies, and optimal in-hospital care, along with a scientific exploration of CPR to improve outcomes by optimizing blood flow to the heart and brain. Drug administration during CPR will be examined, emphasizing their role in enhancing the likelihood of meaningful survival. A dedicated session will address pediatric resuscitation, encompassing equipment and protocol variations for infants and children. Attendees will engage in handson workshops, simulating resuscitation scenarios, and conclude the day with an interactive panel discussion.

#### PCWE-04AM

#### Five Minutes to Help - Part 1

Colleen McKay Wharton, MA, MCHES; Eva Nelson, MPH; Melissa O'Mara, Esq.; Philip McCabe, CSW, CAS, CDVC, DRCC

The U.S. continues to experience a growing opioid epidemic and EMS clinicians are essential stakeholders in ending this crisis. However, EMS providers receive minimal training in how to offer substance use disorder (SUD) resources to patients and many are not aware of the wide variety of resources available to help patients living with SUD. When a patient refuses transport to the hospital, the EMS clinicians are the only medical professionals that the patient interacts with that day, putting EMS in a unique role to connect those patients to SUD resources. "Five Minutes to Help" is a training program developed by the NJ Department of Health that aims to educate all first responders about effective communication with patients following treatment of a suspected opioid overdose and how to provide patients with local, regional, and national resources to reduce the number of repeat overdose patients.

Part 1 of this class is the traditional "Five Minutes" to Help course that teaches providers about addressing the stigma surrounding SUD, how to do basic motivational interviewing, and how to connect patients to resources. Part 2 of this class goes into more depth on these concepts and also teaches participants how to teach the "Five Minutes to Help" curriculum to other EMS providers. Please note that you must take Part 1 in order to take Part 2, but you may choose to only take Part 1 of the class.

#### PCWE-04PM

#### Five Minutes to Help - Part 2

Colleen McKay Wharton, MA, MCHES; Eva Nelson, MPH; Melissa O'Mara, Esq.; Philip McCabe, CSW, CAS, CDVC, DRCC

The U.S. continues to experience a growing opioid epidemic and EMS clinicians are essential stakeholders in ending this crisis. However, EMS providers receive minimal training in how to offer SUD resources to patients and many are not aware of the wide variety of resources available to help patients living with SUD. When a patient refuses transport to the hospital, the EMS clinicians are the only medical professionals that the

# **SESSION DESCRIPTIONS**

patient interacts with that day, putting EMS in a unique role to connect those patients to SUD resources.

In Part 2 of "Five Minutes to Help", attendees will go into more depth on effective communication with patients following treatment of a suspected opioid overdose and how to provide patients with local, regional, and national resources to reduce the number of repeat overdose patients as well as how to teach the "Five Minutes to Help" curriculum to other EMS providers.

\*Please note that you must take Part 1 in order to take Part 2.

#### 8:00 AM - 12:00 PM \_\_\_\_\_

PCWE-05 PRECON EMS Response to Human Trafficking: Recognizing the Signs and Taking Action

Joseph Remy, JD

EMS providers frequently are called to assess and treat patients who may be victims of human trafficking. Victims of human trafficking often experience high levels-and multiple layers-of physical and psychological trauma, involving emotional or mental distress. They may experience challenges coping with stresses of daily life, maintaining relationships, managing cognitive processes (e.g., memory, attention), regulating behavior, and controlling emotions, and may suffer from anxiety, depression, panic disorder, substance abuse, eating disorders, and Post-Traumatic Stress. The impact of trauma can serve as a lens through which a person views the world. Instituting a trauma-informed approach creates a framework of thinking and interventions that are directed by a thorough understanding of the profound neurological, biological, psychological, and social effects trauma has on an individual. It recognizes that person's constant interdependent needs for safety, connections, and ways to manage emotions and impulses. Traumainformed care creates opportunities to rebuild a survivor's sense of empowerment by prioritizing restoring the survivor's feelings of safety, choice, and control. Recognizing the victimology surrounding human trafficking, coupled with potential signs of human trafficking, will enable the EMS clinician to provide effective assessment and treatment of this patient population and ultimately break the bonds of modern-day slavery in the United States and elsewhere.

#### PCWE-06 PRECON Becoming a Great Communicator - Breaking Bad News and Having Tough Talks via Simulation

#### Joslyn Joseph, DO

Every day we face situations that challenge us communicators both in the field, in the hospital, and even in our personal lives. We are all trained expertly as medical clinicians to respond to a patient in their time of need. We can recognize medical emergencies and perform life-saving interventions multiple times a day - but how many of us can say that we have been adequately trained to communicate with patients, their family members, or other medical clinicians during chaotic and difficult moments? This Pre-Conference Half-Day Workshop will allow the



student to participate in multiple "Simulated Patient Scenarios" to learn how to communicate more effectively when breaking bad news to a patient, a patient's family member, and a difficult member of the medical team. Each student will be de-briefed after each simulated scenario and receive real-time feedback on their performance to improve their ability to deliver excellent care to patients and their families, perform safe hand-offs, and become better leaders of their EMS crews and teams.

#### 1:00 PM - 5:00 PM -

#### PCWE-07 PRECON American Sign Language for First Responders Matt Gilmore; Marissa Sampson; Dan Crisham

Students will learn about deaf culture to enhance their understanding of how to communicate with members of the Deaf community. Students will learn basic American Sign Language and communication strategies to calm, reassure, assess, and collect other necessary information from patients that are deaf or hard of hearing.



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# SESSION DESCRIPTIONS

# MAIN CONFERENCE THURSDAY, NOVEMBER 2

## 7:00 AM - 8:00 AM

BREAKFAST

# 8:00 AM - 9:30 AM

TH0080-1 WELCOME - KEYNOTE Creating a Culture of Inspiration in EMS: Advancing the



Profession and Expanding Opportunities

> Ryan Greenberg, MBA, FACPE, NRP

Join us for an engaging session that explores creating a culture of inspiration in the rapidly evolving field of Emergency Medical Services (EMS). This session will empower

EMS agencies, both volunteer and paid, to innovate, educate, and inspire their providers. We will examine various opportunities available to advance the EMS profession, encouraging attendees to explore new avenues, embrace change, and setting up providers for success. We will showcase how developing EMS team members and expanding opportunities can transform how we deliver care and motivate providers to continuously grow clinically and professionally. Join us for this inspiring session, where we will collectively embark on a journey of growth and advancement in the EMS profession. Be prepared to be motivated, challenged, and equipped with actionable insights to create a culture of inspiration within your organization and beyond. Together, let's shape the future of EMS and make a lasting impact for our patients and our providers!

## 9:30 AM - 10:00 AM COFFEE BREAK

#### 10:00 AM - 11:15 AM —

TH1000-01 BLS | ALS | P Communication Failure: When Your Patient Can't Hear You Matt Gilmore, EMT/FF; Marissa Sampson, EMT/FF

Matt Gilmore, a deaf NJ EMT/FF, and Marissa Sampson, a hard-ofhearing NJ EMT/FF, accompanied by ASL interpreter(s) will come together to aid EMS clinicians in understanding the unique needs and challenges faced by deaf patients in emergency medical situations. These patients are entitled under the ADA to receive the same services and treatment provided to anyone else. In this session, learners will develop strategies for effective communication with deaf patients, including the use of written communication and visual aids as well as how to work effectively with interpreters and other support personnel to ensure effective communication and optimal care for patients who are deaf or hard of hearing.

# TH1000-02BLS | ALSChange Behaviors in Your Organization

Richard Huff, NREMT, MS

The modernization of EMS has caused many challenges for volunteer EMS organizations and their members. While standards have advanced, volunteer agencies have struggled maintaining rosters and meeting professional standards. Being a volunteer agency or member is a pay grade, not a behavior. Our constituents and customers do not care about our pay status. They want care from clinicians who look and act as professionals. Attendees will understand how we bend obvious rules to accommodate volunteerism. Learners will walk away with usable tips to immediately incorporate professionalism into their organizations and daily practices as an EMT.

#### TH1000-03 ALS | CC | P EMS Capnography Explained

Fred Ellinger, Jr., NRP, EMS-I

This course will provide the student with an overview of anatomy and physiology to gain a better understanding of the benefits of measuring exhaled carbon dioxide. During this session, attendees will learn the principles of ventilation, mechanical ventilation terminology, principles of capnography, waveform identification, and methods to maximize ventilation.

TH1000-04 EMSC | P Pediatric Respiratory SCTU-Preparing You and Your Team for Successful Pediatric Respiratory Transports Kasia Wolan, MSN, RN, CEN, CCRN, CPEN, EMT

This lecture is geared towards the SCT-RNs who handle pediatric respiratory interfacility transports. The discussion will include differences in pediatric airway anatomy and physiology, viral respiratory illnesses, and when to utilize different respiratory support therapies, including discussion on the use of high flow nasal cannula, Cpap, Bipap and intubation. We will also discuss ventilator management modes and the pharmacology for pediatric sedation during intubated transport. This is a crash course in all things peds respiratory for the SCT-RN and transport team, with hopes of making the pediatric respiratory experience less stressful for all.

# **SESSION DESCRIPTIONS**

## TH1000-05 L / QI Culture: The Retention and Recruitment Silver Bullet

James McManus

Most EMS leaders (Chiefs, Captains, Lieutenants, EMTs, etc.) aren't actually taught how to lead, they're just expected to do it. We'll get you started in the right direction in this in-depth discussion about how to create the right organizational culture and why it's important, with lessons and frameworks gathered together from the military, law enforcement, and EMS.

#### TH1000-06 EP | P **10 Golden Rules for MCI Management** Paul Pepe, MD, MPH, FAEMS, MCCM, MACP

With the tremendous increase in mass casualties due to massacres that are occurring nearly weekly, if not more often, EMS is called upon more and more to treat many shooting victims at the same time. This talk will focus on strategies to reduce the mortality rate associated with mass shootings as well as some of the approaches to help communities heal after these events. We will also discuss how to treat other mass casualties associated with other of disasters, either man-made or secondary to natural disasters. Lessons from recent past disasters associated with mass casualties will be shared.

## TH1000-07 H / W | P Psychological Trauma Prevention

Stephanie Leather, MA, EMT

There will be little debate that the initial EMT training severely lacks direction on engaging patients in a supportive or congruent manner. While the skills of emergency medicine are the basis of patient care, providing appropriate psychological support and care can have a significant influence on the overall outcome for the patient. This course explores the biological and psychological reactions to psychological trauma; reminding attendees that trauma expands beyond physical injury. The social reactions are discussed and clinical definitions for the symptomatology of Post-Traumatic Stress Disorder are examined, including risk factors for PTSD and the increasing risk of developing those symptoms long term. The core of the course focuses on the 'what do we do now?' and teaching an organized and concise set of skills that may mitigate the acute stress reaction and decrease the severity of trauma that the patient experiences through the eSCAPe model. Through these skills, providers will be able to improve their patients' overall psychological outcome of the medical emergency.

#### TH1000-08 BLS | ALS THE ABCs of the POLST

Aron Gass, Paramedic

The purpose of this presentation is to provide EMS providers with the understanding of advanced directives they may encounter and how to read and comprehend them to ensure their patients' wishes are met.

■ 11:30 AM - 12:45 PM ------

# TH1130-01 BLS | ALS | P Is Your Chest Pain Cardiac, or Not?

11:15 AM - 11:30 AM - Travel to next session

Michael Berkenbush, MD, NRP

This interactive presentation reviews multiple patients who present with chest pain or cardiac equivalent symptoms to EMS. The prehospital assessment is described, including SAMPLE history, vitals, and physical exam, as well as potential treatment strategies. The attendees are then asked to give an opinion on whether they suspect the patient's presentation is cardiac in nature or not. The patient's actual diagnosis is then reviewed with pertinent teaching points and the hospital course.

#### TH1130-02 BLS | ALS Can AI Take Your Job? Daniel Gaudette, MSN, MBA, RN, MICN, NE-BC

This presentation aims to provide an overview of AI in health care for EMS, covering its current and potential uses, benefits, and limitations. We'll also discuss ethical considerations and challenges that come with AI integration. By the end of this presentation, you'll have a better understanding of how AI can help improve patient outcomes in EMS while acknowledging its potential risks and ethical concerns.

#### TH1130-03 ALS | CC | P REBOA for Cardiac Arrest

Johanna Moore, MD

Repercussion endovascular balloon occlusion of the aorta (REBOA) involves the delivery of an aortic occlusion that can be delivered into the aorta through a femoral artery. When the balloon





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# SESSION DESCRIPTIONS

# MAIN CONFERENCE THURSDAY, NOVEMBER 2

is inflated, it blocks blood flow to the parts of the body below the balloon occlusion. This approach has been used for the treatment of hemorrhage due to lower abdominal and lower extremity injury. More recently, REBOA has been used in the treatment of cardiac arrest. While still in the early clinical test phase, it appears to show promise, especially when coupled with other advances such as Head Up CPR, also known as neuroprotective CPR. This talk will focus on the physiology and potential use and benefits of REBOA for the treatment of refractory cardiac arrest.

#### TH1130-04 EMSC | P **Thinking of the Little Things in Disasters** *Bichard Lin*

Richard Lippert, MBA, NRP

The course aims to provide students with an understanding of the impact of disasters on communities and how to mitigate potential public health effects. The course will explore strategies for addressing the unique challenges faced by vulnerable populations and will specifically address the unique challenges faced by pediatric patients in disasters, including surge considerations. Attendees will learn strategies for providing optimal care and support to this vulnerable population during emergency situations.

#### TH1130-05 L / QI **The National EMS Quality Alliance (NEMSQA): What is it and How Can it Help Your Agency Improve Patient Care?** *Steven Cohen, MBA, NRP, FACPE*

This presentation will provide an overview of NEMSQA, review the current measures, and provide examples of how to implement the measures in your organization. Examples of improvements seen in agencies that are utilizing the measure will be presented.



# TH1130-06 E Do NOT Teach to the Test (Except For a Little)

Latimer Hoke, MEd, NRAEMT

If a test could adequately assess a person's competency with a given subject matter, it would be appropriate to "teach to the test." Unfortunately in EMS, passing or failing many of our national and state tests does not predict a person's competence in the field. With respect to psychomotor exams (i.e. "practicals" or "hands-on testing"), if we teach to the test, we're often teaching bad patient care. On the other hand, a lot of frustration people have with the NREMT cognitive (i.e. "written") exam process may be unfair, this test is better than you may believe.

#### TH1130-07 H / W | P

Saving Our Saviors: Providing Practical Violence Prevention Training for EMS

#### Edward VanWagner, RN CCRN CFRN EMT-P

Violence in EMS is a well-known and well-documented hazard to pre-hospital providers. EMS workers are statistically at far greater risk of workplace violence than any other profession. As with any other workplace danger, organizations have a responsibility to provide realistic, practical, and legally defensible training for their employees. This presentation will delve into the high-frequency/ high-liability subject of health care violence and the particular dangers faced by our EMS workers. The presentation will include the subject of violence in EMS, the specific risks (and vulnerabilities) of EMS clinicians, the question of when to disengage and escape the potentially violent situation, and the question of how to react when escape is no longer possible due to the circumstances, and most importantly, how to respond to these situations in a legally defensible manner.

# TH1130-08 BLS | ALS Let's Talk. Women making a difference in EMS

Jenna Ferlazzo BS, NRP

A panel session lead by female EMS industry leaders and members of Women in Emergency Services, discussing how women in EMS are breaking down barriers and challenging biases.

# 12:45 PM - 2:00 PM LUNCH & EXHIBIT FLOOR OPENS

2:00 PM - 3:15 PM

TH0200-01 BLS | ALS | P Cannabis Legalization: Focus on Safety and Prevention Diane Calello, MD; Danielle Bartsche, MPH

In this session, Dr. Diane Calello, Medical Director of NJPIES, will discuss the effects of various formulations of cannabis on the body and the impact that legalization has had on human exposure

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# SESSION DESCRIPTIONS

to cannabis products. Trends in Emergency Department visits will be described, including effects on younger children. The discussion will then pivot to prevention and advocacy targets, led by the Public Educator Danielle Bartsche, who will provide some examples of education materials available to enhance household safety of cannabis in New Jersey.

#### TH0200-02 BLS | ALS **An Overview of Legal Topics for EMS** Danielle Mastropiero, EMT, RN, Esq.

Join Danielle Mastropiero on an educational journey focused on the current legal issues EMS may encounter in the field. We will navigate statutory definitions of negligence and medical malpractice (with actual examples from New Jersey litigations), explore best practices for social media and what to do if subpoenaed, as well as other important legal aspects in EMS.



TH0200-03 ALS | CC Cerebral Oximetry in EMS

Keith Lurie, MD

Despite the critical importance of "saving the brain" while treating patients in cardiac arrest, we have been flying blind for decades with no real way to assess brain blood flow during CPR. Cerebral oximetry offers, for the first time, a potential window into how to optimize oxygenated blood flow to the brain. Cerebral oximetry can be used to monitor the quality of CPR and help predict the likelihood of restoration of full neurological function. While not widely used at the present time due to the size and cost of current devices, cerebral oximetry can provide important guidance to rescue personnel and may become a valuable tool to give providers new insights into whether or not the brain is getting adequate oxygen delivery during and after CPR. The talk will focus on the physiology of brain oxygen delivery and the ways in which cerebral oximetry has been and can be used as a neuro-prognostication tool to improve neurological outcomes after cardiac arrest.

## TH0200-04 EMSC | P **Two Trauma Patients, One Body: Treating the Pregnant Trauma Patient**

Joslyn Joseph, DO

Treating the sick trauma patient can be challenging enough, but the pregnant trauma patient often presents a unique challenge for the EMS clinician. In this session, students will develop a strategy and skills for treating and transporting the pregnant trauma patient. These strategies include learning key concepts to manage the pregnant trauma patient, understanding how different mechanisms of injury and pathophysiology affect the pregnant trauma patient, and how to manage the critically ill pregnant trauma patient.

#### TH0200-05 L / QI It Doesn't Suck to Work Here

Weston Davis, MPA

This talk provides a way to critically evaluate why people are leaving EMS, how to attract new employees, and how to retain current employees. Although there are no singular or simple solutions to EMS recruitment and retention, there are several things that are low to no cost that agencies can immediately implement. In this presentation, we will discuss how to recruit better, how to retain great employees, and how to develop oneself as a leader to further serve the employees.

TH0200-06 E **Fireside Chat for EMT Instructors: Part 1** Bryan Fischberg, BEE, NRP; Laurie Sheldon

This session is designed to help active EMT instructors navigate content and structural challenges in the 2021 National Education Standards and 2021 National EMS Scope of Practice as they apply to initial and refresher EMT training and evaluation. This will involve both presentations for context and thoughtful discussion of participant experiences.

TH0200-07 H /W EMS Family Feud II

Daniel Gaudette, MSN, MBA, RN, MICN, NE-BC

"100 EMS people surveyed, Top 6 answers on the Board. Name something that....." Come play the Family Feud with actual surveys from EMS providers in the state. Bring your "family" and let's play the Family Feud!

# TH0200-08 BLS | ALS | P Understanding LGBTQIA+ Identities

Margaret Keavney, MHA, JD

In this session, participants will learn the basics of sexuality, delineating the terms lesbian, gay, bisexual, transgender, nonbinary, and heterosexual among others, as well as how these categories are defined. Throughout the workshop, we will SESSION DESCRIPTIONS

explore the basic stages of sexual development regarding the general physical, cognitive, and emotional milestones people undergo as they mature and the four different components that makeup sexuality: chromosomal sex, gender identity, gender expression, and sexual orientation. We will conclude with an indepth conversation on how you can better cultivate safe spaces as an ally and what that looks like when showing up for communities that are not your own.

#### **LEARNING LABS**

#### 2:15 PM - 2:45 PM

# THLL0-01 LL Engaging a Multi-Generational Workforce

Taryn Abrahams, MFT, SHRM-CP

For the first time in US history, we have five generations that make up our modern workforce. Having a diverse workforce brings many advantages, however, each generation has distinct characteristics when it comes to how we communicate, how we define hard work, and even who we feel should make decisions. These sticking points are inevitable, but with education and strategy, you can turn these sticking points from conflicts to assets. This presentation will shine a bright light on the five generations that make up our current workforce and explore some simple best practices that can help bring harmony to working together

#### 3:00 PM - 3:30 PM

#### THLL0-02 LL **How to Prepare Ourselves for an Emergency** *Siddharth Saran, EMT*

Emergencies, medical or otherwise, can happen to anyone at any time, even EMS. During and after the event, our family and friends help us the most. The daughter living in New Jersey wants to help her father who lives in Florida. Often our loved ones are frustrated because they do not have the basic tools to help. An important tool is information. For example, where is the living will? What is the insurance company's phone number and the policy number? How and where to make the electricity, mortgage, or car payments? What is the contact information of the children's sitter? This talk discusses simple, yet highly effective, things we can do now to empower our support network to help us in an unforeseen emergency.

# 3:15 PM - 3:45 PM BREAK ON THE EXHIBIT FLOOR

#### 3:45 PM - 5:00 PM

TH0345-01 BLS | ALS **TOTAL(!) Inclusion(?)** 

Latimer Hoke, M.Ed, NRAEMT

In the US, people have a legal right to emergency medical care to the point of stability, regardless of any/all factors, including the (in) ability to pay for services. Non-emergent medical providers may be able to choose not to see a patient based on personal convictions in some states, but emergency medical personnel, especially in rural areas, can't pass off care to someone else. Let's chat!

#### TH0345-02 BLS | ALS Numbers, What Numbers? Using Basic EMS Data to Help Your Squad

Richard Huff, NREMT, MS

As EMS providers, we're surrounded by data. That data can be used to help our operations or our business practices, as well as our longterm strategic plans. To many, this data is just a bunch of numbers – call tallies, types of injuries, and more. But with a few free tools, EMS providers can make some sense – and use – of the information they gather every day. Using basic skills, EMS providers can use this data to guide future training, target funding, and become better providers. EMS agencies can also use this information to help build awareness for their organizations. In this session, we will discuss how to gather, use, and visualize data using free, easy-to-learn, tools that can help EMS organizations be more efficient today and ready for tomorrow.

TH0345-03 ALS | CC | P Cardiac Surgery 101

Timothy Misselbeck, MD

Many patients present to EMS with conditions that ultimately require cardiac surgery. These conditions include aortic diseases such as dissection and aneurysms as well coronary disease and lung issues. Join Dr. Misselbeck as he discusses ways to identify these conditions in the field, some common cardiac surgery procedures, and treatment pathways.



First Priority Group's EMS Division distributes new ambulances manufactured by the Demers Braun Crestline (DBC) group while serving as one of nation's largest

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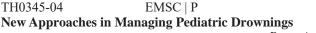




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Peter Antevy, MD

Drowning remains a leading cause of death in infants and pediatric patients. Building on over a decade of experience with new approaches to the treatment of pediatric drowning patients, this talk reviews the physiology of drowning and ways to optimize treatment strategies that markedly improve the likelihood of full recovery after a drowning accident.

#### TH0345-05 L / QI EEC: Embracing Change, Encouraging Diversity, and Confronting Biases

Richard Lippert, MBA, NRP

"Unconscious bias" is something we all inherently have; it's how our brains process and interpret data and information. This interactive workshop will look at and address mistaken, inaccurate, or incomplete information that contributes to unconscious bias in shaping who gets recruited, hired, and promoted. Creating an inclusive workplace environment is required for employees to reach their full potential and for organizations to succeed. What would work environments look like if we all aimed to feel curious, ask questions, demonstrate humility, and consider whether we might have contributed to someone feeling that they can't bring their full self to work? How can we move forward to address the issues and ensure new behaviors stick and prevail?

#### TH0345-06 E **Fireside Chat for EMT Instructors – Part 2** Bryan Fischberg, NRP; Laurie Sheldon

This session is designed to help active EMT instructors navigate content and structural challenges in the 2021 National Educational Standards and 2019 National EMS Scope of Practice as they apply to initial and refresher EMT training and evaluation. This will involve both some presentations for context and thoughtful discussion of participant experiences (continuation of Part 1).

#### TH0345-07 H / W | P **The Uncomfortable Truth about Provider Mental Health** *Stephanie Leather, MA, EMT*

This session will explore why, in a field constantly evolving to practice the most current recommendations, ignores the blatantly obvious decline in provider mental health. The answer is simple: long ago the standard was set to suck it up, deal with it, suppress the trauma, or be singled out as weak. In an age where speaking out about mental health is encouraged, this is unacceptable. This class will explore current research, statistics, and recommendations while offering space for attendees to share their experiences. Shifting the norm is not easy; that does not mean it is not necessary.

#### TH0345-08 BLS | ALS | P Now What? Life after COVID for EMS K.C. Rondello, MD, MPH, CEM, EMT

Disaster Epidemiologists - experts in public health, social medicine, and community care - apply their expertise to the prevention of, response to, and rehabilitation from health problems arising from disasters. As acutely highlighted by COVID-19, their work is not performed in isolation: emergency medical personnel and public health practitioners must collaborate in their collective response to communicable disease threats in order to most quickly and effectively confront them. To that end, EMTs must understand the role they play in facing public health disasters – whether they arise from a novel pathogen, a severe weather event, or another crisis condition. This session expands upon earlier work, applying lessons learned from the COVID-19 experience to best orient EMS providers to the application of population medicine in a widespread public health response. We will explore disaster epidemiology in the field, emphasizing hazard assessments, vulnerability analyses, and rapid health assessments concluding with an interactive scenario in which attendees will respond in real-time to the next (hypothetical) disease outbreak.





#### LEARNING LABS

#### 3:45 PM - 5:15 PM

 THLL0-03
 LL

 Rescue Task Force in an Active Shooter Response: What to

 Expect from the Law Enforcement Element

 Keith Miano, EMT

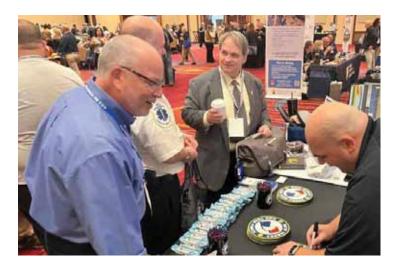
This presentation will break down the four phases of an Active Shooter Response, and the three level of threat zones "hot," "warm," and "cold." We will then cover what delineates each phase and what to expect when the Rescue Task Force commences. Emphasis will be on bridging the gap between routine EMS operations and what to expect in the low probability, high consequence exigent circumstances of active shooter response.

#### 4:30 PM - 5:00 PM

## THLL0-04LLMaximum Care with Minimal Resources: EMS in the U.S.Forest Service

#### Conor McNally, FF, EMT

The U.S. Forest Service EMS program is a relatively new initiative for the federal government with a unique mission. Although established in 2018, the challenge of providing pre-hospital care in limited resource environments has been a longstanding issue for emergency care providers. How can we ensure the most efficient and effective care under potentially extreme circumstances? As we face the potential impact of climate change and technological advances on our living spaces, it's crucial that our standards of care adapt accordingly. Come to this session and learn about the Forest Service EMS program and how the care standards adopted by the Forest Service can be applied to achieve positive health outcomes in rural environments.



#### 5:00 PM - 6:30 PM EXHIBITOR RECEPTION

#### 6:30 PM - 8:30 PM SIM COMPETITION FINALS



## MAIN CONFERENCE FRIDAY, NOVEMBER 3

## 7:00 AM - 8:00 AM \_\_\_\_\_\_\_\_ BREAKFAST AND EXHIBITS

#### 8:00 AM - 9:15 AM

FR0800-01 BLS | ALS Pharmacology for the EMT

Edward Bauter, MBA, NRP, FP-C, CCP-C

EMTs are often taught to give medications but are not effectively taught how or why to give medications. This class will review the pharmacology and pharmacokinetics of commonly administered BLS medications in an engaging class that will make Organic Chemistry feel fun!

FR0800-02 BLS | ALS | P HIPAA On The Scene (and Afterwards)

Margaret Keavney, MHA, JD

HIPAA is not new, but it is often misunderstood. In this presentation, Dr. Keavney will detail what information EMTs and medics can share (and with whom) on the scene, and the circumstances where this is allowed. We will discuss the specific law enforcement exceptions from the HIPAA privacy regulations. We will cover how the patient's condition may change what you are allowed to



disclose. The presentation will also address reporting suspected abuse cases and what it means to be a mandated reporter under the law. Finally, the speaker will review the release of information after the patient is delivered to the emergency department, or if the patient refuses transport. This class assumes a basic knowledge of HIPAA for clinicians.

## FR0800-03ALS | CC| PCrush Medicine: Stopping the Smiling Death

Ian Swords, NRP

Geared for Advanced Life Support providers, this presentation provides a general overview of Crush Syndrome including the pathophysiology of Crush Injury and Compartment Syndrome, the clinical manifestations of Crush Syndrome, and the causes of death from Crush Syndrome. Treatment of local injury and systemic manifestations will be discussed as well as the best practices learned from real case studies from worldwide disasters as well as patients treated in New York City by the FDNY Rescue Paramedics.

#### FR0800-04 DKA in Pregnancy

#### EMSC | P

#### Brenda Braun, MSN, RNC-EFM, C-EBP, CEN, CPEN, FAEN

Diabetic ketoacidosis (DKA) is a potentially deadly disorder for any patient, but in the pregnant patient, it is deadly for two. In pregnancy, there are physiologic changes that occur that must be taken into consideration in management and even discovering the patient is in DKA. In this population and this emergency, delivery in a rapid fashion is NOT the best answer. This presentation will review pregnancy physiology, fetal implications, and management of DKA in pregnancy.

#### FR0800-05 L / QI **The Importance of Proper Documentation for EMS Providers** *William McDonald, PhD, MPA, MLS, NRP, FACPE, FAcEM, RF, CIC, NCEE, CEM*

This presentation will revisit a topic where many EMS providers do not receive proper education, including in their original or refresher courses...EMS documentation! Topics will include the importance of ensuring proper pedigree information of a patient, what is meant by mental status and "making a rational decision," and the importance of a thorough assessment, history, and documentation of such. This session will also the importance of baseline vital signs and monitoring the V/S, why time stamps matter, common perils and pitfalls seen in many lawsuits, the lack of understanding on what is "against the law" as stated by several providers under oath, and when an EMS provider is not covered.

FR0800-06 E Effective EMS Education

Robin Satty, EMT-B, EdD, ScM, ScB

Recent research on effective EMS education tends to reflect research across other adult education areas. Join this session to

share strategies for effectively engaging adults in EMS so they show up, learn better, and continue to demonstrate competency in future practice. Strategies include presenting relevant information, building self-efficacy, fostering autonomy, applying knowledge in practice, effective assessment, and retaining knowledge and skills over time.

EP | P

### FR0800-07

Special OPS Integration

Jennifer McCarthy, Evan Holtz, H. Bucky Buchanan, Bil Rosen

Being ready for a large-scale response is a daunting task. The NJ EMS Task Force (NJEMSTF) is best prepared for large-scale responses. Born from the need for improved EMS Branch structure after 9/11, the NJEMSTF has assets and personnel available in every county in NJ waiting to be deployed. This session will help educators and administrators conceptualize ways to integrate the NJEMSTF into an EMS learning plan. This integration will offer an experiential learning opportunity that will enhance the understanding about Special Operations success strategies. Participants will leave with a sample lesson plan and the skills necessary to implement an action plan upon leaving the conference.

#### FR0800-08 BLS | ALS | P Significant Physical Exam Findings: Meaning, Intervention, and Reporting

Stephen Harrison, DO

The presentation will focus on the rapid evaluation of patients in the pre-hospital environment to improve EMS skills in articulating key findings to the receiving hospital during the run, using concise and thorough reporting, and using correct terminology during patient hand-off. Come prepared to participate in the discussion.



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### MAIN CONFERENCE FRIDAY, NOVEMBER 3

9:15 AM - 9:25 AM - Travel to next session

#### 9:25 AM - 10:40 AM

FR0925-01 BLS | ALS **The Effective EMS Handoff: It's Not Just a Signature** Devin Dromgoole, DO, EMT

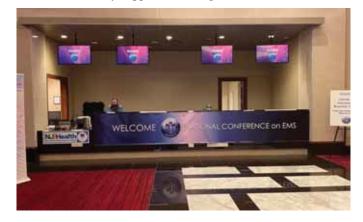
The handoff period between EMS providers and the emergency department is one of the most crucial moments in patient care. During this time, EMS providers can relay critical information about the scene, patient assessment, or their interventions that can change the course of hospital management. This period can also be the time during which critical information can be lost, possibly causing delays in care, inaccurate history, or unnecessary testing. This presentation will identify the pearls and pitfalls of transfer of care while also helping attendees develop a succinct and effective means of communicating critical information during the handoff

#### PTOC6555-02 BLS | ALS Closing the Generation Gap in EMS Joseph Kotora, Cmdr, DO, MPH, FACEP, FAAEM

Emergency Medical Services is comprised of clinicians from multiple different age groups. Do you know what motivates EMS providers across the five generations currently working in EMS? Join Dr. Kotora as he highlights the differences between each generation, potential points of friction between generations, and offers potential solutions and methods to close these gaps and permit a cohesive work environment within EMS.

#### FR0925-03 ALS | CC | P ECMO and LVADS: A Primer for EMS Providers *Timothy Misselbeck, MD*

This presentation will review the current devices used for mechanical circulatory support including ECMO and LVADS.



It is very common for LVAD patients to live in the community and EMS providers need to be aware of the unique needs of this patient population. We will also discuss the role of ECMO and E-CPR in resuscitation as well as describe the role EMS plays in transporting these patients.

#### FR0925-04 EMSC | P Pediatric Time-Sensitive Emergencies

Lisa Drago, DO, FAAP

This session will explore conditions in pediatrics that are time sensitive including fever in patients with sickle cell disease, testicular torsion, neonates with fever, button battery ingestion, Vp shunt, and G-Tube emergencies.

#### FR0925-05 L / QI Conducting Incident Investigations Matthew Streger, Esq., MPA, NRP

EMS supervisors and managers are required to investigate incidents, determine facts, and make recommendations on a daily basis. This is a core competency of most front-line leadership, but we are often lacking in real-world skills for this essential function. This lecture will review the various elements of a legally-valid investigation, including an initial inquiry, review of documents, creating a timeline, determining interview participants and questions, determining the outcome, and documentation for this event. We will use Just Culture principles to guide the process.

#### FR0925-06 E Creating an EMS Themed Escape Room

Danny Opperman, MBA, NRP

This presentation covers the concepts and ideas behind why an escape room is a fun, innovative, and unique way to introduce information related to EMS education. We will cover a wide variety of ideas to construct a number of different puzzles that can be incorporated into an EMS escape room and conclude with some hands-on escape room puzzles for demonstration.

#### FR0925-07 EP | P Bioterrorism: Historical and Current Case Studies

Timothy Satty, MD

In this lecture, we will review the history of bioterrorism as a concept and its use prior to the modern era. The discussion will focus on agents currently classified as a potential threat to the public such as disease presentation, treatment, and the steps required for effective preparedness. The historical roots of select pathogens and their treatments will also be discussed, giving context to current treatment and containment strategies. Finally, we will discuss how an intentional release of a bioweapon as a terror event can have significant effects on a population's mental health and societal functioning beyond the actual event. Lessons from COVID-19 will be presented and how mitigation strategies from the pandemic can also apply to bioweapon preparedness.



# FR0925-08BLS | ALSWith Additional Tools Comes Additional Responsibility:Enhancing Our BLS Assessment & Treatment of theSick Patient

Joshua Hartman, MICP, MBA, NRP

The BLS toolkit continues to grow. How do we maintain clinical excellence with all of the added skills and equipment, whether it's CPAP, or Epi, or Albuterol, just to name a few? Come to this session and we will not just learn about the how and the why but also do some hands-on practice; because practice makes perfect.

#### 10:40 AM - 11:10 AM BREAK ON THE EXHIBIT FLOOR

11:10 AM - 12:40 PM
 FR11010-01 KEYNOTE
 Critical Incident Stress Debriefings, Crisis Canines, and the
 Bond that Helps Heal First Responders
 John Hunt, MA, CCISM

First responders are subjected to ongoing job-related stressors that can have negative impacts on physical and mental health.

Because they are often viewed in the context of a "hero culture," they're commended for enduring physical injury but also shamed for displaying mental weakness in handling job experiences. These chronic,



significant job-related stressors often manifest in increased risk for mental health morbidities, including depression, substance use disorder, suicidal thoughts, and hastened mortality (e.g., death by suicide). Approximately 30 percent of first responders develop behavioral health conditions. Experience reveals that for first responders, traditional crisis response resources offered passively have not achieved the desired results. This presentation will share how Critical Incident Stress Management (CISM), comprehensive, integrative, multicomponent crisis intervention system, and Animal Assisted Crisis Response (AACR), the utilization of certified canine-and-handler teams assisting in crisis interventions to support the psychological and physiological needs of individuals affected by, and responding to, crises and disasters, can be combined to synergistically ameliorate those impacts. The models of CISM and AACR will be reviewed as well as examples of how a National AACR team has effectively responded to countless local and national incidents to provide support to first responders.

#### 12:40 PM - 2:15 PM LUNCH & EXHIBITS

#### 2:15 PM - 3:30 PM \_

FR0215-01 BLS | ALS | P EMS Medical Director Discussion Panel

Moderator: Gerard Carroll, MD, FAAEM, EMT-P; Panel: Benjamin Abo, DO, EMT-T, FAWM; Ron Klebacher, DO; Joseph Kotora, Cmdr, DO, MPH, FACEP, FAAEM; Timothy Satty, MD; Barbara Schreibman, MD; Jay Stiefel, DO; Cheng-Teng "Bill" Wang, MD, FACEP

Experienced and well-respected BLS and ALS physician medical directors will discuss current "hot button" topics facing EMS providers and agencies locally and across the Nation. Audience participation and questions from "boots on the street" BLS and ALS are encouraged and welcomed.

#### FR0215-02 BLS | ALS | P Xylazine and Nitazenes: The Ever-Changing Landscape of Resuscitation

Daniel Gerard, MS, RN, NRP

Imagine a synthetic narcotic 40 times more potent than fentanyl, one with respiratory depressant effects 50 times greater than morphine—a drug so powerful that after it was discovered physicians decided against using it in clinical practice because its therapeutic range was so narrow and patients were in constant danger of overdosing. Now couple that with a veterinary sedative so powerful it was not deemed practical for use in humans and you have xylazine and nitazene. These two drugs have complicated the landscape for resuscitation. Together, they have the potential for increasing deaths from overdoses into the stratosphere. Find out what xylazine and nitazene are and how to treat them.

#### FR0215-03 ALS | CC | P Beyond "Aim for the Bubbles:" Airway Management in Trauma

Jeffrey Lubin, MD, MPH

The first priority in managing a major trauma patient is to establish and maintain a patent airway. However, airway management in a trauma patient can present a variety of unique challenges beyond the placement of an endotracheal tube. Outcomes are often dependent on the provider's ability to predict and anticipate difficulty and have a safe and executable plan. In this session, we will focus on the assessment and management of the trauma patient's airway, with tips and tools to manage even the most difficult cases.

#### FR0215-04 EMSC | P Pediatric Refresher

Lisa Drago, DO

In this session, we will discuss basic pediatric anatomy and physiology and the most common pediatric issues EMS encounters. Topic reviews include fever, seizures, and respiratory emergencies.



### MAIN CONFERENCE FRIDAY, NOVEMBER 3

E

FR0215-05 **Disrupting the Silence** 

> Jennifer McCarthy, MAS, NRP, CHSE-A; Jarrod Broadway, MEd, Paramedic; Brandon Lewis, MICP

Silence in EMS allows others to develop their own narrative about our thoughts and beliefs. This could lead to people walking away with an inaccurate perception of a conversation or interaction. While silence has a role in communication, it serves little purpose when things turn uncomfortable. We have all heard the phrase, it is not what you say, it is how you say it. The reality is - IT'S ACTUALLY BOTH! This session will explore the culture of EMS while examining the impact of implicit bias and how silence during these experiences manipulate our communication and behavior.

#### FR0215-06 BLS | ALS "RACE" to the Comprehensive Stroke Center (CSC): CSC Triage Protocols for ELVO Bypass

Michael Ramage, RN, MICP

This session will highlight the critical importance and significance of EMS integration in stroke systems of care. We will explore the effectiveness of ELVO bypass to Comprehensive Stroke Center on stroke patient outcomes, talk about the RACE ELVO feedback tool highlighting the EMS first contact to thrombolytic and EMS first contact to reperfusion metrics, and wrap up with interactive patient case studies demonstrating effective stroke assessment (RACE), treatment, triage, and outcomes of ELVO bypass stroke patients.

FR0215-07 H / W | P **Changing the Narrative: Peer Support in EMS** Derrick Jacobus, MA, FP-C, CCP-C; Kelley Jillson, MICP; Michael Smith, BSN

EMS and health care clinicians are facing more challenges today than ever before. The toll of the job is exhausting and goes far beyond the physical demands. Productive agency members are



being lost because of the unseen effects of the job. What if there was a familiar hand that could reach out and pull them above the water? When drowning is no longer a danger, what if someone who is in the trenches with them reaches out and guides them on a wellness and resiliency journey? This is peer support. Come join our journey and share our successes and failures in this "first of its kind" program at AtlantiCare!

#### FR0215-08 E I Was Wrong: The Journey of an EMS Physician Becoming an EMT Instructor

Ken Lavelle, MD, FACEP, NRP, EMT-I

This program will describe the process of becoming an EMT Instructor from the perspective of an EMS Physician. Dr. Lavelle will describe the process and how he was wrong in his initial perspective to think the process is unnecessary for experienced doctors.

#### LEARNING LABS

**2:15 PM - 2:45 PM** 

FRLL0-01 LL Counseling and EMS

Latimer Hoke, M.Ed, NRAEMT

If the emergency service dinosaurs were correct and going to "therapy" is a sign of weakness, then why are so many people afraid to go? Isn't facing one's fears a sign of being tough and strong? Realistically, aside from financial concerns, there are many barriers to people seeking help, and most of those barriers are inside a person's own head. Maybe you're skeptical or even afraid? But maybe you realize that some of your behaviors are harming important relationships? If this is a path you are considering, I will share my own journey in seeking care for post-traumatic stress injuries (PTSI) and offer some advice on how to jump into this unknown territory.

#### 3:00 PM - 3:30 PM

#### FRLL0-02

#### Don't Know What to Say? Call ReachNJ: An Interactive Session to Learn About Addiction Resources for your Patients

LL

#### Reach NJ

The purpose of this Learning Lab is to familiarize EMS providers with the resources that are available for their patients after an overdose. It is important for patients living with a substance use disorder to be aware of and have access to services so they can get help if/when they are ready. In this interactive session, you will learn about resources such as ReachNJ and the 988 Suicide and Crisis lifeline.



3:30 PM - 3:45 PM - Travel to next session

#### 3:45 PM - 5:00 PM

FR0345-01

BLS | ALS | P

Understanding the root cause of teenage vehicle fatalities (and how they can be prevented)

Daniel J. Wagner

Contrary to the "narratives" being expressed today, the tragic crashes injuring and killing today's teens are as much a cultural issue as they are an education and training issue. My presentation exposes people to the cultural history of American drivers, explains how the traffic safety policies in the US influenced our culture and lays the foundation for redefining the process for teaching teen drivers how to become the Ultimate Control System in the vehicle they drive. These crashes are preventable once we understand the root cause of what is currently setting them in motion.

#### FR0345-02 BLS | ALS Do it With the Lights Off: How We Over Use Our Lights and Sirens

Latimer Hoke, M.Ed, NRAEMT

Chances are, your service responds to most (or all) calls with lights and sirens, and then it's crew discretion to transport with or without lights and sirens. At least (hopefully) no one is driving back to the station with lights and sirens. The fact is, emergency response mode increases risk for ourselves, and for everyone around us. Oftentimes, it's not worth the risk and rarely results in improved outcomes.

FR0345-03 ALS | CC | P **Prehospital Surgical Airways: When Nothing Else Cuts It** *William Wang, MD, FACEP; Neil Thorn, MA, NRP, TP-C, FACPE* 

While endotracheal intubation and supraglottic airways are the mainstays of prehospital emergency airway management, the ability to perform a surgical airway remains a critical emergency skill. When it needs to be employed, time is often of the essence either after other attempts have failed or even as a primary approach when other venues are unfeasible. However, multiple factors preclude its timely implementation, including the lack of comfort and familiarity with the procedure and equipment, the concern for complications, and the stigma of "failure to intubate." This presentation will provide insight into the surgical airway procedure including different techniques and pitfalls, integration of surgical airway planning into the airway management algorithm, and opportunities for training and ongoing education.

#### FR0345-04 EMSC | P It's a Small World After All! Neonatal Assessment and Selected Emergencies Branda Braun MSN BNC FEM CERP CEN CPI

Brenda Braun, MSN, RNC-EFM, C-EBP, CEN, CPEN, FAEN

Out of all the patients in the emergency management setting, obstetric and neonatal patients instill the most fear. This is largely because, unless you practice in the specialty, you seldom see them. Neonates are portable and frequently parents will grab-and-go rather than wait for EMS to arrive. EMS may be called but they may be uncomfortable, and may not have supplies and equipment to best be prepared for these tiniest of patients. This presentation will cover neonatal physiology and assessment norms, management of neonates after precipitous birth, management of the fetal demise case, and injury prevention activities.

FR0345-05 L / QI Send the Elevator Back Down

Jarrod Broadway, Ed.M, Paramedic

Sending the elevator back down is an expression used to describe the phenomenon where an experienced person in an organization looks out for the people coming up behind them. This person takes the time to teach, guide, and encourage peers and subordinates. The person sending the elevator back down can be a manager, an executive, or even a seasoned team member who recognizes the importance of new people with new ideas. Each person within an organization brings their own unique perspective, and getting people to embrace differences will enhance results. Whether we're dealing with a brand new EMT or a veteran paramedic who leads their agency, we must ensure that everyone's needs are being met at their level. Learning should not feel forced, and diversity should not feel fake. Knowledge sharing and diversity should be a natural part of the culture that is woven into the fabric of an organization. When you combine adult learning theories with sound leadership in a diverse atmosphere, you create a space for people to be the best versions of themselves. Ideally, when individuals perform at their optimal level, the organization is poised for success.





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### MAIN CONFERENCE FRIDAY, NOVEMBER 3

FR0345-06 E Inter-Rater Reliability: Assessing Your Assessment Tools

Evan Holtz, BSN, RN, EMT-I, CHSE; John Dorn, MICP

This course is designed to help EMS educators ensure the validity and reliability of their assessment tools. Inter-rater reliability is the degree to which two or more raters or evaluators agree in their assessments of student performance. It is a critical aspect of the assessment process, as it ensures that the results obtained from the assessment are consistent and trustworthy. In this course, participants will learn how to assess the inter-rater reliability of their assessment tools, and how to measure agreement between raters and how to interpret the results.

## FR0345-07 $H\/\ W\|\ P$ Responding to the Overdose in 2023 - Going Way Beyond Naloxone

#### Joslyn Joseph, DO

After the legalization of marijuana and the recent rise of adulterants found in opioids, overdoses have evolved. Once thought of as a simple call with lifesaving treatment given by a layperson or a police officer on scene, resulting in a naloxone wakeup and RMA, overdoses today have taken on an entirely new form. Increasing doses of fentanyl and the presence of more adulterants that are refractory to naloxone, such as xylazine in opioids, present a new challenge that can leave a patient obtunded and requiring airway management long after we've used all of the naloxone in our ambulance or medic truck. The increase in calls for ingestion of unregulated marijuana edibles has also resulted in challenges to EMS providers - including cardiac arrhythmias and even stroke mimics. This lecture reviews both and presents the unique challenges of poly-overdose by discussing the most recent adulterants found in opioids and marijuana edibles, as well as the existing literature on these drugs, management of these overdoses, and anecdotal case studies of poly-overdose and marijuana edible ingestion toxicity. How ready will you be for your next overdose patient?



#### FR0345-08 BLS | ALS | P "I Treat All My Patients the Same." But Do You? Evaluating Disparities in EMS

#### Jennifer Somers, MS, MICP, NREMT-P, SHRM, PHR

Are some minorities less likely to receive bystander CPR? Do all trauma patients receive pain medication equally? Disparities in health care exist and are associated with worse outcomes in many cases. Bias, stereotyping, prejudice, and clinical uncertainty may contribute to racial and ethnic disparities in health care. We will review common disparities in the delivery of pre-hospital care, review unconscious bias, how to recognize it, and how to reduce it.

#### **LEARNING LABS**

#### **3:45 PM - 4:15 PM**

FRLL0-03 LL The Long And Short of Using Length Based Tapes for Children

Marc Minkler, BS, NRP, I/C

We will look at and utilize hands on a number of length-based tapes and tools to help determine equipment sizes and medication doses for use in pediatrics.

#### **4:30 PM - 5:00 PM**

FRLL0-04 LL Airway Review: Are We Missing the Point? Edward Van Wagner, RN, CCRN, CFRN, MICP Amy Eisenhauer, EMT

The advanced airway and intubation has been a gold standard in EMS since the birth of Paramedics, but have we become so focused on the skill that we miss the mark on patient care and best outcomes for the patient? This session will have a quick airway overview prior to a handful of airway skills scenarios for both BLS and ALS providers.

## 6:00 PM - 10:00 PM 2023 EMS AWARDS CELEBRATION



## MAIN CONFERENCE **SATURDAY, NOVEMBER 4**

#### 8:30 AM - 10:30 AM **BREAKFAST AND EXHIBITS** (Floor closes at 10:30 AM)

#### 9:00 AM - 10:15 AM \_\_\_\_

SA0900-01 BLS | ALS

**Techniques to Reduce Violence Against Nurses and EMS** in the Emergency Setting

Michael Zielinski, DNP, APN, CEN, RN, EMT

Violence against emergency medical personnel in the emergency department (ED) is a significant worldwide problem. With long wait times, crowded waiting areas, numerous sick people, comorbid diagnoses, as well as emotional and concerned family members, tempers flare and emotions explode causing people to respond with verbal and physical violence. This presentation will present an ongoing and realistic education program on the techniques of how to recognize, de-escalate, and mitigate violent behaviors can be an effective method to reduce violence against nurses and EMS

SA0900-02 EP | P **Feeling Nervous? Recognition and Management** of Nerve Agent Exposure

Garrett Cavaliere, DO, NRP

Nerve agents are one of the most terrifying weapons of war. With many direct pathophysiologic effects, the psychological terror they instill is often the intent of their use. Emergency medical services providers must be able to recognize and treat victims of such attacks to prevent further exposure and contamination as well as mitigate the direct effects of the toxicity. This case based presentation focuses on the different types of nerve agents, their pathophysiology, patient presentation, decontamination strategies, direct treatment, and the psychological effects of the attack.

#### SA0900-03 **Did that VAD Stop?**

Matthew Emerick, BS, RN, CCRN-CSC, CEN, CFRN

The presentation will review the anatomy and physiology of the heart as it relates to heart failure. We will review when advanced treatments for heart failure are necessary, such as a ventricular assist device. This case study will profile a patient that presented to our community hospital with a VAD and a cut battery line by BLS. We will review ways in which you can determine if the patient that will never have a pulse is alive without invasive arterial access.

SA0900-04 **Pediatric Cases**  EMSC | P

Daryl Gruenhagen, RN, CEN, MICP

EMT, Paramedic, or Nurse, it doesn't matter - sick kids are some of the most stressful patients we encounter. In this case based presentation, we will discuss the treatment of a newborn, a child with respiratory distress, burns, and cyanotic heart disease.

SA0900-05 Ε **Brilliant Students** 

#### Judyth Brown, EMT, MsED

Training new EMTs is not for the faint of heart. Students enroll with an assortment of expectations, levels of commitment, and capacities for learning. The training time is short and the workload... it's a lot. Unfortunately, a trained EMT's time in the field is relatively short, averaging only five years. This leads to train-ing overload, HR churn, and instructor burnout. To remedy these negative outcomes we look to initial training, but adding one more topic to an already crowded syllabus feels impossible. Fortunately, improving competence and longevity doesn't have to add hours of class time. This workshop will show instructors how to improve student outcomes without changing the current syllabus. With sup-portive training, any student can be brilliant.

#### SA900-6 BLS | ALS | P Airplane Emergencies: Surely, You Can Help

Timothy Satty, MD

This presentation will provide an overview of in-flight medical emergencies and their treatments. We will review the most common causes of a medical emergency on aircraft and how both BLS and ALS personnel can assist using the in-flight medical equipment. We will also discuss the ground medical support system that airlines use and how volunteers can assist these contracted ground medical teams. We will talk about how these airline physicians determine the need for aircraft diversion and the factors that go into these complex operational decisions.





### MAIN CONFERENCE SATURDAY, NOVEMBER 4

• 10:15 AM - 10:25 AM - Travel to next session

10:25 AM - 11:40 AM \_\_\_\_\_

SA1025-01 BLS | ALS Women in EMS

Rihi Jain, NREMT

Calling all ladies (and gentlemen)! Working as an EMS provider has traditionally been considered a male job and still is, to some extent, by many EMS workers, agencies, and patients alike. What unique factors are at play when a female identifying clinician shows up on their patient's doorstep? Throughout this presentation, we will examine the unique challenges and prejudices that women of various subpopulations in EMS face, as well as what we can do to support and empower them in the workplace and beyond.

SA1025-02 ALS | CC | P Happy Lungs! A Review of Pressure, Volume, and SIMV Modes Andrew Grandin, BS, BA, NRP, FP-C, CCP-C, Matthew F Steenberg MD

Picking a vent setting can be like picking our lunch, we have our preference that is tried and true, maybe not the best, but it gets the job done. Join this session to have a discussion and demonstrations on the finer points in the relationships between Pressure and Volume modes of ventilation with a sprinkle of SIMV for extra comfort.



#### SA1025-03 H / W Relax and Restore with Acupressure

Jennifer Steffener, LMT, CTQI, RYT

Self-care is a vital skill that will improve overall health, longevity, and performance, and help prevent burnout and injury. During this presentation, participants will explore the foundational principles, benefits, contraindications, and basic techniques of acupressure. Participants will practice simple and easy-to-learn self-massage and acupressure methods to increase self-awareness, build resiliency, relieve aches and pains, and mitigate the effects of stress. We'll review how these tools may be used while on duty to reduce stress and improve work performance and when transitioning from work to home to relax and enhance well-being.

#### SA1025-04 EMSC | P EMS Encounters of Prehospital Obstetric Emergencies in the U.S. and Implementation of "OB Alert"

Leen Samha, MD

This session is an evaluation of recent prehospital obstetric emergencies in the United States in relation to emergency medical services and outcomes of response. The outcomes explored will be related to preparedness, maternal and infant health, complications, and environmental and social issues. Furthermore, this presentation will evaluate the design and implementation of an "OB alert." This alert provides notification to the hospital that an inbound EMS unit transporting a suspected obstetrical emergency including imminent delivery and outside deliveries as a method of improving outcomes and timely response.

SA1025-05 L / QI

When You Know It's Time

H. Bucky Buchanan, NJCEM, NREMT, EMT-T; Evan Holtz, BSN, RN, EMT-I, CHSE

In the fast-paced world of emergency medical services (EMS), organizations need to be able to adapt to changing needs and circumstances quickly. But how do you know when it's time to make significant changes to your EMS organization? In this 75-minute presentation, we will explore the key factors to consider when assessing the need for change in your EMS organization. We will cover the current challenges facing EMS organizations, including changing demographics, technological advancements, and evolving patient needs, and then delve into the signs that indicate it may be time for your organization to make changes. Join us to learn when to know it's time for change and how to make the most of the opportunities that change presents.

SA1025-06 BLS | ALS Brilliant Documentation

Anna Ryan, BA, NRP

Documentation is the single most common procedure in EMS. Poor documentation contributes to adverse legal outcomes and can hinder, or even end the career of an individual EMT. This workshop takes a fresh look at teaching students what to write and how to write it without the need to revamp an existing training program.



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Instructors will learn how to add as many as five hours of documentation instruction. We will investigate classroom practices that turn experience in the field into words on a PCR.

11:40 AM - 12:40 PM

LUNCH

#### 12:40 PM - 1:55 PM

#### SA1240-01 BLS | ALS | P Cancer: A Hidden Threat Facing EMS Clinicians and Their Patients

Ellen Indoe, MA, MCHES, Ashley Purper, MPH, EMT

The purpose of this workshop is to raise awareness of cancer risk from both occupational hazards and lifestyle factors among EMS clinicians. We will look at ways to increase confidence to promote organizational change to enhance employee wellness and wellbeing.

SA1240-02 BLS | ALS A Drone Response to Searches

William Kohut, EMT

This session will explain the steps for responding to a search using unmanned aerial vehicles (UAVs). We will discuss the process of the response and detail setting up the response plan including defining what is being looked for in the search (human, animal, or vehicle ). We will also cover what tech is available and the proper equipment with video highlights showing how a successful search unfolds.

#### SA1240-03 L / QI **Retention Rescue: Evaluating Retention in EMS** Debbie Quintana, MBA, MS, PA-C, EMT

Picture this: You're leading a team responsible for saving lives and making a difference in your community. But what happens when your fellow team members disappear one by one, leaving gaps in your team and compromising your ability to save lives? That's where the importance of employee retention in EMS comes in. In this session, we'll explore the various factors contributing to the retention of EMS providers and evaluate the impact of training and education on employee retention, as well as the importance of having access to top-of-the-line equipment and resources. We'll also discuss the critical role that staffing and leadership play in retaining employees and the importance of recognition and appreciation.

#### SA1240-04 E Brilliant Instructors: How to Look Like a Genius Without Even Trying

Anna Ryan, BA, NRP

The responsibilities of EMS providers have grown dramatically. It's no longer enough to train students to walk through simple skills and hope they learn applications in the field. Today's EMS



providers must show competence and confidence in an array of clinical activities before they sit for certification. In this changing landscape, instructors must facilitate the efficient integration of skills. This session explores scaffolding techniques that support adult learning, foster self-assessment, and enhance outcomes in the field.

| SA1240-05                     | H/W | P |
|-------------------------------|-----|---|
| <b>Mental Wellness in EMS</b> |     |   |

Rihi Jain, NREMT

Working in emergency medical services, no matter your role, has an impact on one's mental health. We face stressful situations on a daily basis, and there are a number of research-based techniques that attendees will learn in this presentation that will help them better cope with minor and major stressors not only on the job, but also in life.

#### SA1240-06 ALS | BLS | P The Malicious and Monstrous Maladies of Disney

Amy Eisenhauer, EMT

We are all familiar with the reels of the denizens of Disney and the trials and victories they encounter, yet their medical ailments are hidden in plain sight without notice. Both mysterious and monotonous diseases affecting the residents of the realms of Disney will be discussed from Ariel to Mary Poppins. Come join the Siren on this voyage of discovery from under the sea and beyond.

- 1:50 PM 2:00 PM Travel to next session
- 2:00 PM 3:15 PM

SA0200-01 BLS | ALS Lack of Preplanning in EMS

William Kohut, EMT

The lack of preplanning in EMS is horrible in this day and age. My question is why EMS doesn't preplan? This presentation will outline why EMS should take time and preplan response areas, such as what kind of moving equipment to bring in, how to access warehouses, and where to set up in mass casualty events. Fire departments preplan all the time, Why can't EMS?





## MAIN CONFERENCE SATURDAY, NOVEMBER 4

SA0200-02 BLS | ALS | P Bleeding Control in Penetrating Trauma: A New Direction Daniel Schwester. NRP

The rise in interpersonal violence has led to unprecedented tools being put in the hands of first responders. The old "scoop and run" paradigm has changed as interventions developed on the battlefield trickle down to civilian EMS. In this presentation, we will discuss the past, present, and future of care for penetrating trauma patients.

#### SA0200-03 BLS | ALS Is Resiliency Enough? Self-care for EMS professionals

Andi Quinn, BA, NRP

A great deal of attention, discussion, research, and strategies have been the focus of over the last several years regarding resilience, self-care, debriefing incidents, and resources for EMS providers. But, is that enough? How do EMS providers identify when they are in need of help? How can we support each other through difficult situations? This session will provide the opportunity for open exploration and discussion to dive deeper into the challenges and opportunities to evaluate and plan for the care of EMS professionals.

SA0200-04 EN "Super Hero Kids"

EMSC

Marc Minkler, BS, NRP, I/C

What is a child with special health care needs? How do you, as an EMS clinician, best approach children with these needs and

provide care to them, and their families? We will discuss some common challenges and strategies you can use.

SA0200-05 L / QI

Patients Are People First: Compassion as a First Line Therapy Anthony Correia, Paramedic; Tara Williams Tucker, MS, Paramedic

Compassion, empathy, and understanding are not skills emphasized in EMS. However, these practices have evidence-based proof of their therapeutic benefit in patient care. This program will detail why EMS should integrate these practices into patient care, as well as how they improve interactions with patients and their families. We will explore why compassion is not just a nice thing to do, but a necessary therapy that improves patient outcomes, reduces costs, improves employee well-being, and is an integral part of patient care.

#### SA0200-06 H / W | P **Peer Support: The Purpose, Value, and Opportunity** *Richard Van Der Wall, EMT*

The purpose of this session is to help first responders understand the purpose of a supporter and the power that it brings to selfmotivation. By the end of the course, students will be able to identify what peer support is, how to identify when someone needs peer support, and where to find local peer support recourses.

#### ■ 3:15 PM - CONFERENCE CONCLUDES





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## SIM COMPETITION FINALS



## DON'T MISS THE ACTION ! Thursday, November 2 6:30 PM - 8:30 PM

The SIM Finals are an amazing highlight of the National Conference on EMS! Attendees of the conference are invited to attend for FREE (you only need to register for the event) - and guests of attendees are just \$35.

To register as a competitor visit: nationalconferenceonems.com/nationalSIMcompetition.html

Winners are invited to attend the 2023 EMS Awards Celebration on Friday, November 3 to be recognized for their achievement and receive FREE registration for the **2024 National Conference on EMS.** 

This powerful, engaging competition pulls from real-life scenarios to test ALS and BLS teams on their response techniques and medical knowledge.

Teams from all over the world are welcome to compete.



The Preliminary Competition will be held during the day on **Wednesday, November** 1 to determine who will qualify to compete in the FINALS on Thursday evening.

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## **2023 EMS AWARDS CELEBRATION**





## **FRONTLINE HEROES!** *Friday, November 3 / 6:00 PM - 10:00 PM*

### **Celebrate the Remarkable Life - Saving Achievements of 2023**

The New Jersey Office of Emergency Medical Services (OEMS) and Emergency Medical Services Advisory Council, announces the **23rd Annual EMS Awards Program**.

This event provides a forum for recognizing and honoring individuals for their hard work and dedication to the provision of emergency medical services in the past year. This year's celebration will be held Friday, November 3rd on the second level of the Waterfront Conference Center at Harrah's Atlantic City at 7:00 pm. A pre-event reception will begin at 6:00 pm.

Tickets are available at the rate of \$89 each. Separate registration is required. Tickets will not be available on-site. To register or for more information, please visit

#### www.nationalconferenceonems.com

Questions? Contact Candida Taylor at Ctayor@njafp.org





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## Registration for the 2023 National Conference on EMS must be completed online at: www.NationalConferenceonEMS.com

Plan your conference attendance and review the 2023 offerings. Below is pricing information for the different days, courses, and special events available this year.

| MAIN CONFERENCE<br>NOVEMBER 2 - NOVEMBER 4, 2023  | Early Bird by:<br>9/30/23 | Regular:<br>10/31/23 | ONSITE    |  |  |  |  |
|---|---------------------------|----------------------|-----------|--|--|--|--|
| <b>CONFERENCE SPECIAL: Register 5 Attendees and the 6th attends for FREE!</b> <i>*</i> (*must register all six attendees at one time) |                           |                      |           |  |  |  |  |
| FULL CONFERENCE - November 2 - November 4   | \$ 350.00                 | \$ 400.00            | \$ 495.00 |  |  |  |  |
| ONE DAY CONFERENCE ONLY   | \$ 200.00                 | \$ 249.00            | \$ 300.00 |  |  |  |  |
| TWO DAY CONFERENCE ONLY   | \$ 250.00                 | \$ 295.00            | \$ 375.00 |  |  |  |  |
| SIM COMPETITION FINALS Included with Registration   | -                         | -                    | -         |  |  |  |  |
|   |                           |                      |           |  |  |  |  |
| GUEST - SIM COMPETITION FINALS ONLY (per person)  | \$ 35.00                  | \$ 35.00             | \$ 35.00  |  |  |  |  |
| ANNUAL EMS AWARDS PROGRAM (per person)  | \$89.00                   | \$89.00              | NA        |  |  |  |  |
| CONFERENCE GUESTS (per person/per day)  | \$80.00                   | \$80.00              | \$80.00   |  |  |  |  |

| PRECONFERENCE SESSIONS<br>NOVEMBER 1, 2023 | Time       | Early Bird by:<br>9/30/23 | Regular:<br>10/31/23 | ONSITE    |
|--|------------|---------------------------|----------------------|-----------|
| SIM Preliminaries                          | 8am - 4pm  | \$ 35.00                  | \$ 35.00             | NA        |
| EMS Response to Large-Scale Incidents      | 8am - 4pm  | \$ 175.00                 | \$ 180.00            | \$ 200.00 |
| Mental Health First Aid for Fire and EMS   | 8am - 4pm  | \$ 175.00                 | \$ 180.00            | \$ 200.00 |
| Resuscitation Workshop                     | 8am - 4pm  | \$ 175.00                 | \$ 180.00            | \$ 200.00 |
| 5-Minutes to Help - Part 1                 | 8am - 4pm  | NC                        | NC                   | NC        |
| 5-Minutes to Help - Part 2                 | 8am - 12pm | NC                        | NC                   | NC        |
| Human Trafficking: EMS Response            | 8am - 12pm | \$ 85.00                  | \$ 95.00             | \$ 110.00 |
| Becoming a Great Communicator              | 8am -12pm  | \$ 85.00                  | \$ 95.00             | \$ 110.00 |
| American Sign Lanuage for First Responders | 1pm - 5pm  | \$ 85.00                  | \$ 95.00             | \$ 110.00 |
| Law Enforcement and EMS                    | 1pm - 5pm  | \$ 85.00                  | \$ 95.00             | \$ 110.00 |



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