



# *Finger Lakes Regional EMS Conference*



*Scan to Register*

**February 22-24th, 2024**

**41 Lakefront Hotel**

**Geneva, New York 14456**

# General Information

## 41 Lakefront Hotel by Wyndham

41 Lakefront Dr

Geneva, NY 14456

(315) 789 - 0400

41lakefront.com

\*Conference Rates are available for overnight accommodations

## New in 2024

- ◆ 2 Pre-Conference Track Options
- ◆ Room Block Available , code 022124FLE
- ◆ Networking Event with music , appetizers and more
- ◆ Silent Auction

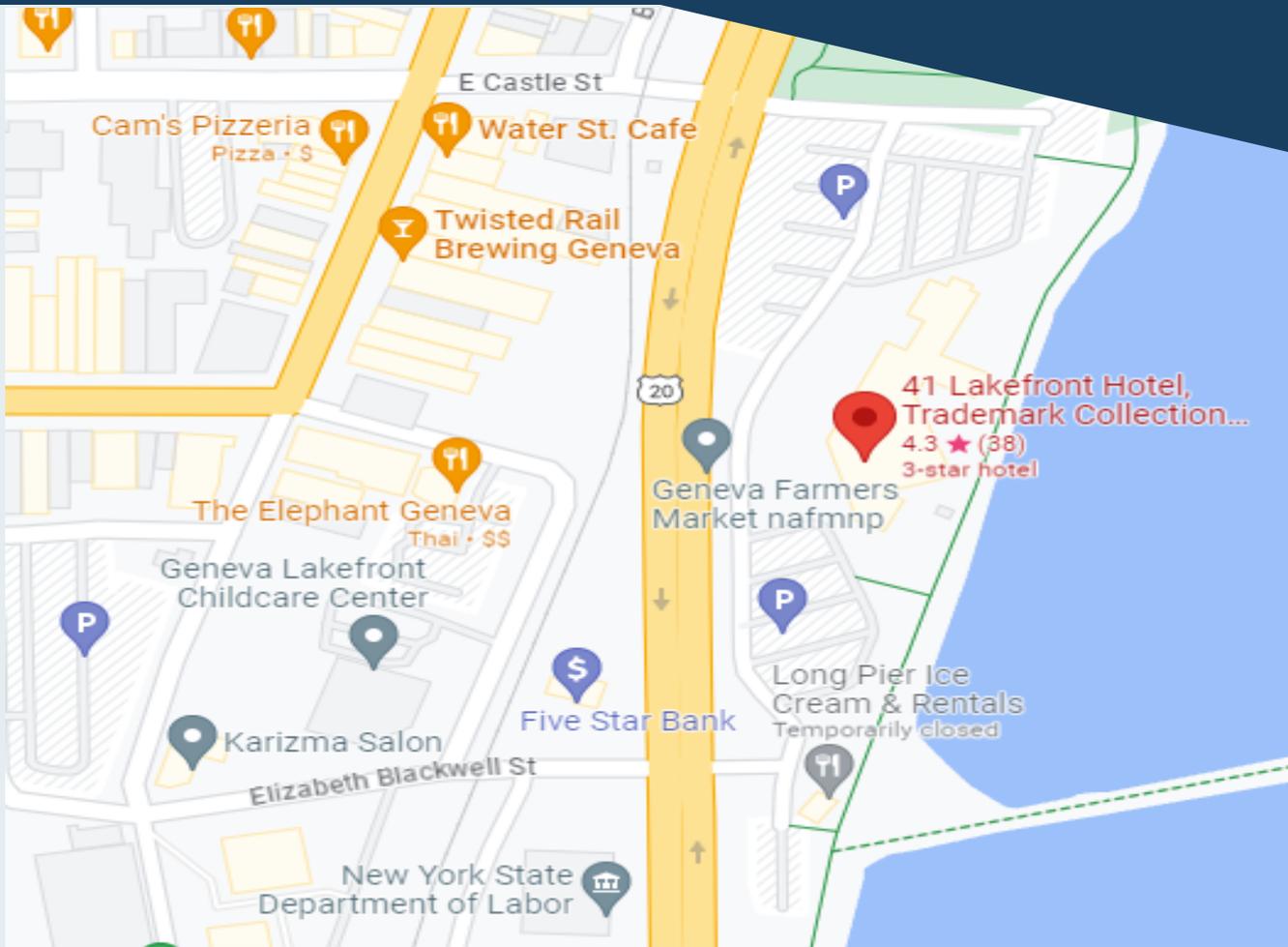
## Vendor Bingo



Vendors will be set up throughout the day on Friday and Saturday. Be sure to bring your bingo card when you're visiting vendors during breaks and lunch and have them stamp your card. Once you have your card full, simply place your name and email on the back and drop it in the basket at the front table. You'll be entered for a chance to win a free registration for the 2025 Conference.

**50/50  
Raffle**

# Directions & Accommodations



## **Reservation Procedure:**

Guests To Make Own Reservations

Direct Call: (315)-789-0400 ext. 0      **OR**

Online Booking using Group Code:

Go to [www.41lakefront.com](http://www.41lakefront.com), BOOK NOW, put in dates of stay, go to SPEICAL CODES and use the

**GROUP CODE: 022124FLE** , click DONE & UPDATE (or SEARCH)

## **Other Area Hotels :**

Holiday Inn Express & Suites

43 Lakes St

Geneva, NY 14456

(315) 781 - 2035

Hampton Inn Geneva

530 Hamilton St

Geneva, NY 14456

(315) 787 - 0530

Fairfield Inn & Suites by Marriott

383 Hamilton St

Geneva, NY 14456

(315) 789 - 2900

# Thursday- Preconference - Track A

BLS Trauma Skills Lab - Preconference - Thursday – February 22, 2024			
Time	Breakout A	Breakout B	
3:00p – 3:15p	Registration/Welcome		
3:15p – 4:00p	Airway & C- Spine Management URMC Trauma Team		1hr
4:00p – 4:45p	BVM Deep Dive URMC Trauma Team	Pediatric Extrication Scenario URMC Trauma Team	1hr
4:45p – 5:00p	Break		
5:00p -5:45p	External Hemorrhage URMC Trauma Team	Hypothermia Prevention URMC Trauma Team	1hr
5:45p – 6:00p	Pelvic Binding URMC Trauma Team		15 mins
6:00p - 6:15p	Break		
6:15p – 7:15p	Putting It All Together URMC Trauma Team	Trauma Scenarios with HAL Jr URMC Trauma Team	



Kessler Trauma Center

# Thursday- Preconference - Track B

Critical Care Transport - Preconference - Thursday – February 22, 2024			
Time			
2:30p – 3:00p	Registration/Welcome		
3:15p – 4:00p	Post Intubation Sedation – Ambulance to ICU Christopher Galton, MD		1hr
4:00p – 4:45p	Pressor Café: Critical Care Vasoactive Shane O’Donnell		1hr
4:45p – 5:00p	Break		
5:00p -5:45p	Critical Care Cases Christopher Galton, MD		1hr
5:45p – 6:15p	Seeing Red: Blood Products for EMS Joe Wlostowski		15 mins
6:15p – 6:30p	Break		
Hands On Lab			
6:30p – 7:00p	Airway Lab Christopher Galton, MD	Mechanical Ventilation Lab Joe Wlostowski	Ultrasound Lab Shane O’Donnell
7:00p – 7:30p	Ultrasound Lab Shane O’Donnell	Airway Lab Christopher Galton, MD	Mechanical Ventilation Lab Joe Wlostowski
7:30p – 8:00p	Mechanical Ventilation Lab Joe Wlostowski	Ultrasound Lab Shane O’Donnell	Airway Lab Christopher Galton, MD



# Friday

## Friday – February 23, 2024

Time	Track A	Track B	
7:30a - 8:00a	Registration/Welcome		
8:00a - 9:00a	That Gut Feeling Chris Ebright	Stressing O.U.T Samantha Greene	1hr
9:20a -10:20a	Kids Have Strokes Too Amy Eisenhauer	“I Think <b>Neuron</b> to Something; Navigating the Challenges in Pediatric Head Trauma” Lauren Pierson, CPNP-PC	1hr
10:20a – 10:40a	Break		
10:40a -11:40a	Take a Good Look: A Review of Ocular Emergencies Chris Ebright	Recognizing the Keys to Traumatic Brain Injury Care from the Field to Discharge Tyler Schmidt, DO	1hr
11:40a - 12:40p	Lunch		
12:40p - 1:40p	This, That or The Other Thing: Anxiety, MI, or Both? Samantha Greene	Drowning and Management of Submersion Injuries Dan Batsie	1hr
1:40p – 2:00p	Break		
2:00p - 3:00p	A Isn't for ALS-BLS Airway Management Shane O'Donnell	What EMS Personnel Need to Know About Polysubstance Use and Polysubstance Overdose Mandee Nann	1hr
3:20p - 4:20p	Managing Endocrine Emergencies as an EMT Dan Batsie	PEARLS in Treating the ETOH Patient Samantha Greene	1hr
4:30p – 5:30p	Behavioral Issues Doug Wildermuth	“No Pulse, No Problem. What EMS Providers Need to Know About LVAD Therapy” Eric Thomas	1hr
5:30p – 8:30p	Networking Event sponsored by Our valued Sponsors		

# Saturday

Saturday – February 24, 2024			
Time	Track A	Track B	
7:30a - 8:00a	Registration/Welcome		
8:00a - 9:00a	The Forgotten Vital Signs: BGL, ETCO2, and Shock Index Rich Mosher	Resuscitation in Chaos Matthew Yelton	1hr
9:20a -10:20a	Technology Assisted Kids Michael McEvoy	Hero's Have Expiration Dates: Developing a New Generation of Innovators Dan Batsie	1hr
10:20a – 10:40a	Break		
10:40a -11:40a	“Snow or Dirt, It Still Hurts” A Traumatic Injury Paradigm Matthew Yelton	Emergencies in the Chronic Kidney Disease Patient Dan Batsie	1hr
11:40a - 12:40p	Lunch		
12:40p - 1:40p	So, you’ve been promoted... Now what Rich Mosher	“BSI, Scene Safety” Doesn’t Cut It Anymore Michael McEvoy	1hr
1:40p – 2:00p	Break		
2:00p - 3:00p	Care of the Burn Patient in the Pre-Hospital Setting Holly Moynihan	7 Dwarfs Simulation Shane O’Donnell	1hr
3:20p - 4:20p	The Hidden Epidemic: Pediatric Substance Abuse Rich Mosher	Prototypes and Stereotypes: How EMS Educators Influence Student Perception Dan Batsie	1hr
4:20p- 4:30p	Any Closing Remarks		

# Meet our Speakers



Matthew Yelton has more than 12 years of experience in pre-hospital emergency medicine as a Paramedic, 8 of which as a Flight Paramedic for Mercy Flight Central. Most recently he completed certification as an EMS Instructor and has returned to college to complete his Associates Degree in Paramedicine. Matthew hails from the recreational vehicle capital of NYS, the Tug Hill Plateau, where during his spare time he volunteers as the EMS Captain for Constableville Ambulance Inc.



Dan Batsie is the Deputy Commissioner of the Vermont Department of Public Safety. He has been a paramedic in New York, Maine and now Vermont for more than 30 years. Over his career Dan has worked hard to elevate the profession of prehospital medicine and demonstrated a particular passion for high quality EMS education. Dan has directed two accredited paramedic programs, authored two EMS textbooks, and lectured both nationally and internationally on current EMS topics. In addition to his work at the state level, Dan is active in numerous national EMS projects and committees.



Doug is currently employed by Clarkson University as its first Director of EMS. After 20 years of being a New York State Trooper, Doug retired in the Spring of 2022 to better utilize his EMS expertise for Clarkson University and the St. Lawrence County area. His passion for EMS education started in 1992 when his college advisor encouraged him to take an instructor course for every EMS course he took. Today he continues to instruct emergency medical services courses in EMT, Advanced Life Support, Basic Life Support and EMS leadership at Clarkson University. While maintaining his Nationally Registered paramedic skills on several local ambulance services in the region, he also continues his EMS ambitions by leading E5 Support Services, LLC. E5 has been supporting local ambulance agencies in staffing, training, and consulting for over 13 years. Doug has been happily married for the past 22 years and resides in Canton, NY with his 3 kids, 18 chickens, 5 ducks, 3 dogs, and 2 horses.



Chris Ebright is the Lead Instructor for The University of Toledo EMS Program, where he provides all aspects of primary EMS education in-house, as well as continuing education for numerous EMS services within Toledo and Northwest Ohio. Chris has been a Nationally Registered paramedic for 29 years, providing primary EMS response and critical care transportation. He has educated hundreds of first responders, EMT's, paramedics, and nurses with his trademark whiteboard sessions, including students from the Cayman Islands, India, and Australia. Chris is also a recurring article contributor to the Limmer Education website, and has been a featured presenter at numerous local, state, and national EMS conferences over the past 17 years.

# Meet our Speakers



Dr Schmidt is an Associate Professor of Neurosurgery at the University of Rochester. He provides neurosurgical management of all brain and spine traumatic conditions within the Kessler Trauma Center.



Holly has worked at Strong Memorial Hospital for 35 years. She received her Bachelors in Nursing and master's in Nursing Education at the university of Rochester. Most of her nursing years have been spent in Critical Care Nursing and the last 10+ years have been working with burns. She has been the Burn Program Manager at the Kessler Burn Center for 6 years. She provides burn education to new nurses hired onto our burn units, assist with education of any policy changes in burn care, monthly education of residents that rotate into the burn service, she coordinates and teaches Advanced Burn Life Support 4 times a year, and does burn prevention outreach in our community.



Mike McEvoy, PhD, NRP, RN, CCRN is the EMS Coordinator for Saratoga County and the Professional Development Coordinator for Clifton Park & Halfmoon Ambulance. He is a nurse clinician in the adult and pediatric cardiac surgery ICUs at Albany Medical Center where he also teaches critical care medicine. Mike is the chief medical officer and firefighter/paramedic for West Crescent Fire Department. He is the chair-elect of the National Registry of EMTs and chair of the New York State EMS Council. Mike is a lead author of the textbook "Critical Care Transport," the "Informed" Pocket References (published by Jones & Bartlett) and the American Academy of Pediatrics textbook, "Pediatric Education for Pre-hospital Professionals (PEPP)." In his free time, Mike is an avid hiker and winter mountain climber.



Shane O'Donnell is a Flight Paramedic and Educator from Upstate, NY. He holds an associate's degree in Paramedicine as well as certifications as a Flight Paramedic, National Registry Paramedic and in Neonatal Pediatric Transport. He has experience in urban, suburban, and rural 911/critical care. When not flying, you can often find him teaching for FOAMfrat, providing education to prehospital clinicians across the globe. Outside of work he enjoys spending time with his wife, 3 children and incredibly energetic dog.

# Meet our Speakers



Chris started his EMS career at the Penn State University Ambulance Service in 1995 and never looked back. After paramedic school in Pittsburgh, a paramedic career at Pridemark Paramedics, and medical school in Denver, he became an anesthesiologist and critical care physician. He is currently an Assistant Professor of Anesthesiology and Emergency Medicine at the University of Rochester Medical Center. He never gave up on his paramedic career and continues to practice as a flight paramedic and is currently the Chief Medical Director of Mercy Flight Central in Upstate NY. When his supremely tolerant family members are not keeping him busy, he can be found riding his motorcycle ... if you can catch him.



Samantha Greene, NRP has been a ground paramedic and educator for the last 10 years in the EMS industry with a thirst for knowledge and helping both patients and peers alike. Samantha is also deeply passionate about fostering a conducive learning environment both on and off the truck while also advocating for first responder safety, including provider mental health. Prior to her career in EMS, Samantha held various leadership and mentor positions over the course of several years before finding her calling in emergency medicine. When she isn't working on the truck or in the classroom, Sam can be found behind her camera following her other love of photography or spending time with family, friends and her dogs, Lucy and Dolly.



Becky Chatt MS, RN has been a nurse for 13 years with experience predominantly in the region's only adult Level 1 Trauma Center/Emergency Department serving as an Assistant Nurse Manager, overseeing the critical care bay and education. For the last 3 years Becky has served as the Trauma Program educator overseeing all trauma related education in the hospital along with assisting in community outreach & education.



Lauren received her pediatric nurse practitioner degree from the University of Rochester where she is currently a doctoral candidate. Clinical background includes cardiac critical care, emergency medicine, inter-facility transport, and pediatrics. After working as the Pediatric Trauma Program Manager through the initial trauma verification process, Lauren is now a the Pediatric Trauma Nurse Practitioner.

# Meet our Speakers



Joe Wlostowski is a Flight Nurse/Paramedic and the clinical educator for Mercy Flight Central, Inc. He started his career as a volunteer EMT at Union Volunteer Emergency Squad and completed his Paramedic education at the Center for Emergency Medicine. He moved to Rochester, NY where he has remained and worked at urban, suburban, and rural EMS agencies. After working as a flight paramedic for 10 years, he returned to school to complete his nursing education. He is faculty with Finger Lakes Community College, coordinating and teaching the CCEMTP course and is also a Critical Care Clinical Resource Nurse for University of Rochester Medical Center - Strong Memorial Hospital. When he is not busy with the aforementioned activities, you can find him building or remodeling something with his wife and 2 daughters at their home in Pittsford, NY.



Rich Mosher MS, NRP, FP-C is an EMS Educator, Business Owner, and Podcast Creator with a 17-year history ranging from Ground EMS, Tactical EMS and most recently serving as Flight Paramedic. Rich is passionate about inspiring change within the culture of EMS and possesses a questioning “the way it’s always been done” mentality. His background in field training, mentorship, and quality improvement were the inspiration for his desire, and subsequent journey, to change the standard of care, pushing the limits of the status quo, and improving professionalism within the industry. When he is not at work, teaching, or behind the microphone, he can be found at home getting into all sorts of trouble with his three children, living every moment to its fullest as perhaps the biggest kid of all.



Amy brings more than 25 years of EMS experience to the New York State Department of Health Bureau of EMS and Trauma Systems having served in multiple operational, supervisory, managerial, and executive roles in a variety of clinical and educational settings within EMS. She currently serves as the EMS for Children Program Manager for the New York State EMSC Partnership and as the EMS Liaison to the Coverdell Stroke Program. Amy has authored articles in several EMS trade journals and contributed to first responder texts on mental health and wellness for EMS providers. She is a nationally recognized speaker and has made presentations at various EMS and public safety conferences.

# Meet our Speakers



Adam Oplinger BS, RN, CEN has been a nurse for 11 years and was an EMS provider in NYS at both the EMT and Paramedic levels for a total of 24 years. He has held positions in critical care transport, pediatric critical care, pediatric and adult emergency medicine and currently serves as the Injury Prevention/Outreach Coordinator for the Kessler Trauma Center at Strong Memorial Hospital.



Eric Thomas is a Physician Assistant specializing in Cardiac and Critical Care Medicine; he is currently the VAD (Ventricular Assist Device) Program Manager in the Artificial Heart Program. Eric is a graduate of the Rochester Institute of Technology Physician Assistant Program and subsequently completed post-graduate Fellowship training in Emergency Medicine at the University of Rochester Medical Center. Mr. Thomas actively practices in the Division of Cardiology/Cardiac Surgery at Strong Memorial Hospital and in the Division of Critical Care Medicine at FF Thompson Hospital. Eric is also a National Registry Paramedic and two-time graduate of the Simon Business School. His primary clinical interests include: heart transplant, ventricular assist devices, mechanical circulatory support, acute cardiogenic shock, clinical quality, and cardiac innovation.



Mandee Nann is a passionate public speaker and educator known for her ability to inspire and educate audiences with her engaging presentation style. As the Opioid Overdose Training Coordinator for the New York State Office of Addiction Services and Supports (OASAS), Mandee instructs people across NYS on how to recognize and respond to an opioid overdose. Additionally, for first responders, she focuses on:

- Current trends in the illicit drug supply and how they may impact EMS response & Exposure risks & best practices

Mandee also works as a paramedic for Clifton Park Halfmoon EMS (CPHM EMS). She has taken a leading role in implementing a naloxone leave-behind & harm reduction program at CPHM EMS as well as creating and initiating a set of protocols designed to guide provider's care of patients experiencing withdrawal from a variety of substances. Mandee earned a bachelor's degree from Hobart & William Smith Colleges and received her paramedic certification through Hudson Valley Community College. She also recently became credentialed as a Community Paramedic through IBSC.

## Technology Assisted Kids

Increasingly, children who depend on medical devices for their survival are cared for at home. This session reviews EMS management of tracheostomy tubes, home vents, feeding tubes, cerebrospinal fluid shunts, nerve stimulators, central lines, and other devices likely to be encountered in the field.

## "BSI, Scene Safety" Doesn't Cut It Anymore

Violence against healthcare professionals continues to escalate; COVID forced EMS providers to re-think our approach to protecting ourselves from infectious diseases. This presentation focuses on strategies and tactics not taught in traditional EMS courses that will help you deal with scene safety issues. It will also review our newly understood expansion of traditional BSI to transmission based precautions. The responsibility for scene safety decisions should rest with the EMS provider, not law enforcement or 911 call takers. This presentation will show you how to make good decisions that will protect you, your crew, bystanders, and patients.

## A isn't for ALS-BLS airway Management

Airway management has been a "hot button" topic for Pre Hospital clinicians. Unfortunately, attention is often pulled away from the EMT relating toward intervention and focused on advanced providers on scene. This session will review the life saving airway interventions EMTs provide including, BVM utilization, airway adjuncts, ETCO2 and SGAs.

## Stressing O.U.T

Have you ever driven home from a shift in complete silence, wondering how this all started? How did you get here, in EMS? What made you become that EMT/Paramedic putting on the uniform, polishing and strapping up the boots for the first time when everything was exciting, shiny, and new? For some, you were born into it; your dad, granddad, uncles. For others, it's a "calling"; it's something you feel as though was fated or destined to you. But for some, it is a means of coping, of escapism, of family they'd only dreamt of, of the life they wished they could have saved. For some, it is not only what lights the fire in their soul, but it's also what's leaving a permanent imprint on their psyche after the adrenaline rush has faded. Is there something to be said for the "Wounded Healers" being drawn to this high-stress profession? Join me as we dive into all these questions and also take a look at the 2019 published "STRESS" study (Secondary Stress Response in Emergency Service Systems) and discuss how the profession you have a passion for could ultimately be the thing that's Stressing you right O.U.T of it.

## "No pulse, no problem. What EMS Providers need to know about LVAD Therapy."

This lecture will explore the basics of LVAD physiology and outline emergencies that are common among patients with an LVAD. It will then integrate EMS treatment algorithms and approaches to these common emergencies.

# Lecture Summaries

## PEARLS in Treating the ETOH Patient

Its easy to overlook the frequent flier who is a patient you may encounter a few times a week; a known alcoholic who boomerangs back and forth from the ER back to the street almost every day. That same patient that states they want detox and want to get sober and yet you see they are struggling to maintain that goal day by day. Those patients are actually the ones that you have the chance of building a rapport with and potentially, with a kind and empathic approach, you might have the ability over time to help aid in someone's recovery and perhaps, even their long term sobriety. We will discuss the basics of ETOH, how to handle these types of calls, 3 BIG assessment tools to bring back to your truck on every ETOH call and finally, how perhaps changing your approach with the ETOH patient could make all the difference.

## "Snow or Dirt, It Still Hurts" A Traumatic Injury Paradigm

"Snow or Dirt, It Still Hurts" is a comprehensive presentation focusing on injuries associated with ATV and UTV (SxS) accidents. In this presentation we discuss common causes and contributing factors to ATV/UTV accidents as well as the most common injuries sustained by riders. We end with an overview of the Trauma Diamond, treatment and transport considerations based off of presentation and mechanism of injury.

## Behavioral Issues? You Think?

Putting drugs aside, the behavior of some patients can be odd and unsettling. Figuring out why is our job to assure the best possible care for the patient and most importantly, responder safety! Come see what behavioral disorders are most common and learn some proactive measures in dealing with patients "from all walks of life".

Objectives:

- Identify what behavioral issues are most common in our field.
- Explain the psychosis and/or reasoning behind the behavioral issues.
- Demonstrate protective measures for handling certain behavioral emergencies.

## 7 Dwarfs Simulation

Simulation has become increasingly popular for education within the healthcare field. Unfortunately, while its use has increased so has the anxiety surrounding performing simulation. This class will focus on simulation and debriefing to reduce provider anxiety and allow for increased comfort for clinicians performing simulation while following a 7 Dwarfs theme!

## [This, That or The Other Thing: Anxiety, MI or Both?](#)

In this lecture we will discuss the similarities between the presentation of chest pain that is believed to be of cardiac etiology in nature and that believed to be an anxiety or panic attack, what the differences are and how ultimately one medical event could lead to another. Join me as we discuss the in's and out's of chest pain and anxiety in the field, some treatment best practices and opportunities, do's and don'ts and key assessment take- aways that you can bring back to your agency and implement into your next chest pain encounter.

## [What EMS Personnel Need to Know About Polysubstance Use and Polysubstance Overdose](#)

Polysubstance use and polysubstance overdose are the norms among people who use drugs (PWUD). In order to intervene most effectively during polysubstance use crises and in polysubstance overdose events, EMS personnel must be aware of prevalent substances in the unregulated drug supply in their communities, how patient presentations under the influence of novel psychoactive substances (NPS) look, and how to respond and pivot as needed during polysubstance overdose events to decrease the risk for fatality.

## [Drowning and Management of Submersion Injuries](#)

Each year roughly 4000 patients die, and 800,000 patients are successfully rescued following a drowning event. Yet, submersion injuries remain poorly understood and are often improperly assessed and treated. To optimize outcomes and to separate commonly held myth from fact, providers must understand the true pathophysiology and science behind these far too common drowning situations. This class will discuss the evidence-based best practices associated with management of submersion injuries. Specific focus will be offered to submersion related cardiac arrest and how the approach must differ from more frequent sudden cardiac arrest etiologies. The class will also discuss a detailed evaluation of the rescued patient and describe an algorithm for treatment and transport decisions. Although some advanced topics will be discussed, this class is focused at the EMT level.

## [Managing Endocrine Emergencies as an EMT](#)

The role of the EMT is frequently undervalued in the setting of endocrine emergencies. Commonly these patients are immediately routed to the advanced levels, but far too often we forget the value and effectiveness of key basic level care. Furthermore, recent advances in the management of endocrine emergencies have afforded the EMT a wider array of treatment options and enabled safe and successful care of sicker patients before the arrival of ALS. This class will discuss the assessment and treatment of common endocrine emergencies. We will discuss and update current EMT level therapies and describe new advances at the EMT level such as intranasal and intramuscular medications. Although all levels of care are welcome, this class is primarily designed for emergency responders, EMTs and AEMTs.

# Lecture Summaries

## Heroes Have Expiration Dates: Developing a New Generation of Innovators

The history of EMS is a pattern of innovation. Since the beginning, the best among us have replaced long-held tradition with new and novel ideas. Creativity trumped complacency, and leaders forged the evolution of our profession. But in an age that will require even more inventive approaches to incredibly complex problems, where will our new innovators come from? This talk will describe the critical link between education methodology and the development of an inquisitive and innovative profession. We will discuss how educators instill the growth mindset and describe techniques used to foster creative thinking. Innovators are not born, they are created, and in EMS, it is the educators who will shape their development.

## Prototypes and Stereotypes: How EMS Educators Influence Student Perception

How will your EMS students perceive the patients they encounter? Will they enter into the interaction with tolerance and understanding or will they embrace stereotypes and misplaced stigma? The answer is largely up to you as an educator. What messages are you sending as you design your lesson plan and create scenarios? Even well-intentioned educators often fall victim to commonly held misperceptions. For example, do your scenarios suggest that all patients in psychiatric crisis will be violent or that all substance misuse patients will have needles sticking out of their arms? As educators we must take great care to safeguard the prototypes we offer the impressionable minds that seek our guidance. This class will discuss prototype theory and describe best practices in preventing the instillation of stigma. We will describe common stereotypes and suggest alternatives to improve lesson planning.

## Take a Good Look: A Review of Ocular Emergencies

Eye injuries make everyone queasy, especially this presenter. However, early and prompt recognition of common eye injuries and illnesses is imperative to save a patient's vision. This presentation will review basic anatomy and physiology that is relevant to managing emergent ocular emergencies, highlight an abbreviated exam for EMS providers, and discuss common traumatic and atraumatic emergency presentations seen in the prehospital setting.

## That Gut Feeling

You didn't feel like going to school, so you tried your best to convince your parents that you were just too sick. Faking a stomachache was one of the easiest things to try, and in my case, it usually was effective (sorry, Mom). But what about that patient who truly has abdominal pain? Assessing it is one of the easiest and one of the hardest things to do. Easy, because the exam takes under a minute; hard, because between what you assess and what the patient tells you, you're left asking a lot of questions: do the symptoms, focused physical exam, and patient history suggest something life-threatening, or more benign? The degree of criticality is determined by getting answers to those questions.

## Resuscitation in Chaos

This course provides the student (Firefighter and/or EMT) with a fundamental understanding of the leading medical emergency and traumatic injury incidents that cause firefighter down scenarios that require rapid intervention. Instruction includes both didactic and practical sessions with live patients wearing all applicable PPE and SCBA.

### Goals and Objectives

Demonstrate “Firefighter Down” rescue, extraction, and resuscitation.

Discuss nuances of rescue and extraction

Identify reversible causes of a “Firefighter Down.”

Identify preventable causes of a “Firefighter Down.”

Identify mitigating strategies to prevent a “Firefighter Down” scenario.

Discuss the unique challenges of Firefighter Cardiopulmonary Resuscitation.

## Emergencies in the Chronic Kidney Disease Patient

31 million people in the US suffer from chronic kidney disease and complications of renal failure account for the 9<sup>th</sup> leading cause of death annually. Emergencies associated with these patients are both a common and challenging aspect of emergency medical care. This class will review the pathophysiology of kidney dysfunction and describe the most common prehospital emergencies. Specific focus will be given to the effects of renal insufficiency and the side effects of dialysis. Hyperkalemia, fluid imbalance and cardiac arrest care will be discussed. All levels are welcome, but this class will discuss some advanced topics.

## The forgotten vital signs: BGL, ETCO<sub>2</sub>, and Shock Index

A look into 3 important assessment tools that are often quite overlooked in patient assessment. This session will discuss the indications and implications in utilizing these commonly underutilized assessment tools in both medical and trauma presentations, how they can guide our care, and even predict potential outcomes.

## So, you’ve been promoted... now what?

This session discusses perhaps the 3 most common pitfalls and personal leadership lessons learned over the course of a 17-year career after being placed in a leadership position that I was not ready for. At the time, being a young leader, had a vision of what I thought effective leadership was, but was left frustrated and broken by my inability to make decisions, my shallow reach of influence, and my perception that those I was attempting to lead, were being difficult. Join in this session as a new or aspiring leader to gain the knowledge needed to recognize and navigate the 3 most common pitfalls of novice leaders.

# Lecture Summaries

## [The Hidden Epidemic: Pediatric Substance Abuse](#)

The opioid epidemic in this country is something that has been on the forefront of public health and even politics for much of the recent past. But what if I told you there lies another epidemic that is just as dangerous, that receives little if any recognition as an epidemic? Join us in this session as we talk about the hidden epidemic of pediatric substance abuse. In this session we will discuss the psychology behind pediatric substance abuse and its long-term effects; and the most abused substances, along with the signs/symptoms and treatments for each one.

## [Kids have strokes, too! Pediatric Awareness for EMS](#)

When we think of stroke we often imagine an elderly patient with multiple co-morbidities and a bag of medications- but this is not the only patient population that experiences strokes. Kids have strokes, too! Join us to learn why children have strokes, potential risk factors, alternate presentations, and assessment basics for a variety of ages and development milestones.

## [“I Think Neuron to Something; Navigating the Challenges in Pediatric Head Trauma”](#)

This talk explores the differences in pediatric head trauma across the continuum. Injury patterns, presenting signs and symptoms, and initial management will be explored to promote recovery to the fullest extent in the pediatric population.

## [Care of Burn Patient in the Pre-Hospital Setting](#)

We will be reviewing what patients should be transferred to a burn center, how EMS can prepare the burn patient for transfer, and the differences between treatment of adult vs. pediatric burn patients. Review how to assess burn surface area for both Adult and Pediatric patients as well as the difference in severity types of burns. Finally, we will also review frostbite injury treatment.

## [Recognizing the Keys to Traumatic Brain Injury Care from the Field to Discharge](#)

Prehospital and Trauma Center Evaluation, Management, and Techniques for the Traumatic Spine Injured Patient. We will discuss the evaluation and management of the traumatically injured spine patient in the field, at a trauma center, and from a spine surgery perspective

- Learning objective is to identify important steps in the process to optimize patient outcomes and avoid pitfalls.



# Registration Form

## February 22, 23 & 24, 2024

### General Information {Please Print}

<b>Name:</b>			
<b>Address:</b>			
<b>City:</b>		<b>State:</b>	
<b>Zip Code:</b>		<b>Region you are from:</b>	
<b>Email:</b>			<b>Phone:</b>

### Registration Fees

	Before 2/10/2024	After 2/10/2024
Thursday - BLS Trauma Skills	<input type="radio"/> \$75	<input type="radio"/> \$100
Thursday - Critical Care Transport	<input type="radio"/> \$75	<input type="radio"/> \$100
Friday Full Day Session	<input type="radio"/> \$100	<input type="radio"/> \$150
Friday Night Social Event (Vendor Sponsored)	<input type="radio"/> Free (Preregistration Encouraged)	
Saturday Full Day Session	<input type="radio"/> \$100	<input type="radio"/> \$150
Both Friday & Saturday	<input type="radio"/> \$175	<input type="radio"/> \$225

Total: \_\_\_\_\_

Make checks payable to FLREMSC and return with a signed registration form to:

FLREMSC  
63 Pulteney St, Geneva NY 14456

### Cancellation Policy

Request for cancellation MUST be made in writing and received in the FLREMSC office by February 15, 2024. A non-refundable administration fee of 25% will be retained. NO transfers of conference registrations and NO refunds for cancellations or "no shows" will be made after this date. The only exception will be for major medical problem affecting the registrant and confirmed in writing by a licensed Healthcare Professional in which case the FLREMSC office MUST be notified in writing within one week following the conference. NO Requests will be honored after one week. **If refund is approved by the Executive committee**, a refund minus the 25% Administrative cost will be issued to the registrant only.

I, the undersigned, understand and agree to the above cancellation policy.

### What Do You Get?

The Conference registration fee includes all presentations as well as snack breaks, vendor area and lunch. Again this year we are hosting a networking event which is free of charge to participants. This is all in addition to the priceless networking and knowledge you'll gain!!

Each person attending the conference must complete a separate form. The full registration fee must accompany this form. There will be a \$25 charge on all returned checks plus bank fees or invalid credit card numbers.

For More Detailed Information, Please Visit

[www.FLREMSC.org](http://www.FLREMSC.org)

<b>Signature:</b>		<b>Date:</b>	
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