

Finger Lakes EMS Conference 2022



Hosted by:

Finger Lakes Regional EMS Council

Location:

Hobart and William Smith Colleges

Friday, February 25, 2022

7:30am - 9:00pm

Saturday, February 26, 2022

7:30am - 4:30pm

Friday Session

Friday – February 25, 2022			
Time	Track A	Track B	
8:00 - 8:30a	Registration/Welcome		
8:30 - 9:30a	When your Golden Years Begin to Tarnish Paul Werfel	I'm an EMT. Now what? Jason Haag	1hr
9:40 - 10:40a	Shockingly Stubborn – Refractory Ventricular Rhythms Shane O'Donnell	The Hips Don't Lie: Assessment and Treatment of Pelvic Injuries Dan Batsie	1hr
10:50 - 11:50a	"Hiding in Plain Sight: Implicit Bias for EMS Providers" Melodie Kolmetz	"What do you mean Capno is used for more than just Tube Placement" Jacob Hartman	1hr
11:50 - 1:00p	Lunch		
1:00 - 2:00p	Dangerous Bites and Stings: The Toxicology of Envenomation Dan Batsie	"Can We Talk" - EMS in the age of Social Media Paul Werfel	1hr
2:10 - 3:10p	LVAD Basic -What First Responders Need to Know for the Care of an LVAD Patient Christine Black	ALS Can Stand Down David Hubble	1hr
3:20 - 4:20p	Bariatric Patients and EMS – Metabolic and Nutritional Considerations for Field Providers Paul Werfel	Adverse Childhood Experiences Amy Eisenhauer	1hr
Evening Session			
6:00 – 9:00p	Changing our Culture One Ambulance at a Time Dan Batsie		3hr

Conference 2022 Workshop Descriptions

Friday, February 25, 2022

When Golden Years Begin to Tarnish - Paul Werfel

Do you find dealing with elderly patients challenging? Most of us do. With American society “graying” at record levels, the EMS needs of the elderly will continue to increase. In 1983, 26 million Americans were over the age of 65. That number has now exceeds 40 million! As professionals, we need to be as proficient as possible with this material in order to treat this growing segment of the population effectively and with respect. Join author Paul Werfel as we cover the following topics essential for prehospital practitioners

I’m an EMT. Now what? - Jason Haag

You just got out of EMT school. You have entry level knowledge and you’re ready to hit the streets. What will it take in your first year to have a successful career? We will discuss what steps a new EMT should take and the elements needed to build the foundation for an effective career in EMS. This session is not only important for the new EMT, but also for those who are or may mentor the new EMT.

Shockingly Stubborn - Refractory Ventricular Rhythms - Shane O’Donnell

The initial rhythm appears across your monitor on a cardiac arrest. Ventricular fibrillation-I can fix this! One defibrillation, nothing. Drugs and defibrillation, nothing. More defibrillation, nothing. What do we do when conventional treatments don't work? This presentation will teach you how to treat and resuscitate this frustrating disease process.

The Hips Don’t Lie: Assessment and Treatment of Pelvic Injuries - Dan Batsie

Trauma to the hip and pelvis is both common and potentially life threatening, but rarely are these injuries offered adequate time and focus in original licensure training. This class will provide an evidence-based review of pelvic and hip anatomy and physiology; common injury patterns and best practice care. Specific attention will be given to care of the hip fracture/dislocation and stabilization of the unstable pelvis to control internal hemorrhage.

“Hiding in Plain Sight” Implicit Bias for EMS Providers - Melodie Kolmetz

Implicit bias refers to the subconscious feelings and attitudes that we have towards certain people or groups. These feelings are deeply ingrained, and they shape the way we view the world and the people we encounter. Implicit bias is unintentional, but it can lead to judgment or stereotyping with negative consequences to the individual and the organization. This presentation provides an introduction to the concept of implicit bias and provides resources for further exploration for you and your organization.

“What do you mean Capno is used for more than just Tube Placement” - Jacob Hartman

Come join a great survey through metabolism as we review how CO₂ is released as a byproduct of the conversion of glucose to ATP.....What does this have to do with capnography? Great question! We will then apply this principle to what it means to monitor end tidal CO₂ in our patients.....because there are MORE important reasons to monitor ET CO₂ than just for ET tube placement! We will review how capnography can help monitor shock states, what end tidal means in cardiac arrest patients, and how monitoring it can improve treatment and outcomes of respiratory patients.

Certificates of attendance / completion and CME credits will be issued for these workshops



Kessler Trauma Center

EMS PLUMBLINE



Conference 2022 Workshop Descriptions **Friday, February 25, 2022**

Dangerous Bites and Stings: The Toxicology of Envenomation - Dan Batsie

Bees, ticks, spiders, and snakes. We fear bites and stings, but how concerned should we be? Most EMT classes offer a brief review, but should we pay more attention to the dangerous critters that surround us? This class will take an evidence-based look at the toxicology of bites and stings. We will discuss the real-world threat posed by venomous creatures and describe best practice assessment and treatment. We will separate myth from fact with specific focus on spiders and stinging insects.

Can We Talk? EMS Patient Communications in the Age of Social Media - Paul Werfel

Email, texts, Facebook and other social media have seemed to replace conversation and speaking as the preferred method of communication for many of us. We text our relatives and friends, obtain college credits on-line and take credentialing exams on computer. But what happens when we actually have to obtain a history and discover that actual human to human communication is an essential skill and our patients do not answer in ideas that are limited to 140 characters! Please join long time presenter and author Paul Werfel in this new and insightful look into the burgeoning area of concern for EMS providers.

LVAD Basics - What First Responders Need to Know for the Care of an LVAD Patient - Chrystine Black

The collaboration between the University of Rochester, "Department of Cardiac Surgery," and "Division of Prehospital Medicine," gives us a look into the world of a left ventricular assist device (LVAD) patient. This insightful lesson allows prehospital providers the opportunity to prepare for some of the most challenging responses that cardiac patients will offer. Since 2006, more than 20,000 patients have received LVADs as long-term treatment solutions, and this number is expected to increase. For this reason, prehospital providers need to become more knowledgeable about, and confident in, caring for patients with these devices.

ALS Can Stand Down - Dave Hubble

Not every call dispatched as an "ALS level call" needs bright lights, cold steel, EKG and IV's. Sometimes after assessing, it's found they may only need high quality BLS care. This talk is designed to instill confidence within BLS providers when time comes to decide if ALS needs to continue or if ALS can stand down. This talk will also go over "operational gotta haves" when an ALS intercept is required, especially for critical patients or incidents where multiple agencies may be responding.

Bariatric Surgery for EMS - The Risks and Complications We Need to Be Aware of - Paul Werfel

Weight loss surgery is being performed in record numbers in this country. While we all hear reports of stunning successes, the research is pretty clear that not everyone lives happily ever after. Please join long time presenter and author Paul Werfel in this new and insightful look into the burgeoning area of concern for EMS providers.

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Adverse Childhood Experiences - Amy Eisenhauer

The COVID19 Pandemic has highlighted the need for concern about children's mental wellbeing and the safety net that schools provide for our children. Adverse Childhood Experiences and associated traumas can follow children through their entire life and affect not only their mental health, but their physical health as well. Join us to learn what ACEs are and the role EMS fills in the protection of these patients.

Changing our Culture One Ambulance at a Time - Dan Batsie

The future of EMS is full of complex challenges. Provider mental health, discrimination, harassment, bullying all impede the progress of our profession and in many cases stand in the way of successful recruitment and retention. Although these problems must be addressed by the highest levels of EMS administration, the power of the individual to affect change in our world should not be dismissed. Even the lowliest, newest practitioner can contribute to change. This class will discuss the concept of interpersonal influence and describe its importance in addressing our most important cultural challenges. Specifically, we will discuss how interpersonal influence can positively impact mental health and harassment and bullying situations and describe why these grass roots interventions are so important to larger cultural change. We will use specific examples and discuss why one person *can* make a difference.

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Saturday Session

Saturday – February 26, 2022			
Time	Track A	Track B	
8:00 - 8:30a	Registration/Welcome		
8:30 - 9:30a	Small Potatoes – Common Pediatric Problems in EMS Paul Werfel	Blood and Guts: An EMT’s Guide to Recognizing and Treating Critical Gastrointestinal Bleeding Dan Batsie	1hr
9:40 -10:40a	Let’s Raid Mark’s Trunk Mark Tornstrom	A Guide to Improve EMS Documentation Ivy Alderton	1hr
10:50 -11:50a	The Disappearing Volunteer: Rural Emergency Medical Services at a Crossroads Dan Batsie	“Atypical Stroke Presentation You Don’t Want to Miss” Cynthia Martinez - Capolino	1hr
11:50 - 1:00p	Lunch		
1:00 - 2:00p	The Art of Great Ventilation Mark Tornstrom	The Making of a Mentor Paul Werfel	1hr
2:10 - 3:10p	Rise of the Machine: Man in Machinery Care and Rescue Bill Hallinan	Quality Improvement Starts with ePCR Data Peter Brodie	1hr
3:20 - 4:20p	Patient Care or the Bottom Line – The Effects of Manage Care on EMS Paul Werfel	10 Calls that were not included in your Textbook Dan Batsie	1hr
4:20- 4:30p	Closing Remarks		

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Saturday, February 26, 2022

Small Potatoes - Common Pre-Hospital Pediatric Problems - Paul Werfel

Most of us are terrified of dealing with sick or injured kids. We never get a lot of experience with them. Because pediatric problems involve only 10-20% of our responses, we need to be well versed in the assessment and treatment of the common problems that we are going to see on the streets. Join JEMS Case of the Month author Paul Werfel in this interactive and stimulating discussion.

Blood and Guts: An EMT's Guide to Recognizing and Treating Critical Gastrointestinal Bleeding - Dan Batsie

We typically associate hemorrhage with external bleeding and trauma, but hypovolemic shock can be associated with a wide variety of medical disorders that are often far more difficult to recognize. Gastrointestinal bleeding is a known killer and EMTs must be prepared to identify and treat this potentially lethal condition. This class will focus on the pathophysiology of the GI bleed and discuss key recognition features. Particular attention will be given to meaningful interventions at within the EMT scope of practice.

Let's Raid Mark's Trunk - Mark Tornstrom

Overview of new and "relatively" new items for EMS such as BVM's, Airway options, IO, etc...

A Guide to Improve EMS Documentation - Ivy Alderton

Coming Soon

The Disappearing Volunteer: Rural Emergency Medical Services at a Crossroads - Dan Batsie

The face of rural emergency medical services is rapidly changing. With volunteerism in the US decreasing across all demographics, historically volunteer EMS systems face a recruitment crisis. This class will discuss the determinants of the volunteer decline and describe how successful agencies have adapted to meet community needs.

Atypical Stroke Presentation You Don't Want to Miss - Cynthia Martinez - Capolino

Coming Soon



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The Art of Great Ventilation - Mark Tornstrom

The magical process of breathing – we all do it right....

This hands on interactive session will cover

- Breathing 101 – review of the processes involved in that thing we do every minute of every day
- Ventilation – the art and importance of doing it well
- Tools to assist with ventilation
 - o BVM
 - o PEEP
 - o Manometer
 - o Valves and Filters
 - o Other adjuncts
 - o Diagnostics
- Wrap it all up

All participants will be able to hands on use the different tools and practice their technique as well

The Making of a Mentor - Paul Werfel

Want to be an Air-Traffic controller? There is an apprenticeship. Want to be a carpenter or electrician or plumber? There is an apprenticeship. Should we in EMS settle for less? In this stimulating and interactive presentation join long time EMS educator and former JEMS author Paul Werfel as we explore the roles of mentors in EMS and develop plans and objectives to create better practitioners and instructors by being the person that others seek to emulate and being the personifying the change that we would like to see in the profession

Rise of Machine: Man in Machinery Care and Rescue - Bill Hallinan

Coming Soon

Quality Improvement Starts with ePCR Data - Peter Brodie

The Quality Improvement program for an EMS Agency should not be just making sure all of the boxes are filled out but validating the care provided is consistent with good clinical practice, compliant with State, Regional and Local Protocols. Starting with the data is a daunting step but one that must be taken with an open mind and a willing soul.

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Patient Care or the Bottom Line - The effects of Managed Care on EMS - Paul Werfel

Those of us in EMS may feel that the all the current banter of managed care does not really affect EMS. Is this really the case? If there are to be changes, what might they be? Will managed care affect volunteers? 911 Providers? Will our vehicles be sitting in the stations waiting for the emergency call to come in, or will a shift consist of a medic and a nurse doing home care and responding to emergencies if time permits? What is capitation? How might this affect reimbursement to the eligible agencies? Will we be allowed to sleep on the midnight shift? In this interactive discussion, we will explore and discuss these possibilities and how they might affect the future of EMS profession at large and discuss our profession's response to this rising tide.

10 Calls That Were Not Included in Your Textbook - Dan Batsie

Let's face it, some situations just don't fit any neat little treatment algorithm or protocol. Prehospital medicine occasionally requires critical thinking and resourceful decision making. Excellent providers have learned to "think outside the box." This scenario-based session will use small groups to overcome 10 challenging scenarios that require thinking not discussed in most text books. Problem based learning will be used to navigate the challenging situations and will pair advanced and basic level providers together in pursuit of creative solutions. All levels welcome



Kessler Trauma Center





We would like to extend our appreciation to the Finger Lakes Community College for their assistance and support with EMS Education in our Region



HOBART AND WILLIAM SMITH
COLLEGES

Special thanks to Hobart and William Smith Colleges for hosting our conference over the last several years.

Conference Committee:
Regional Medical Directors
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Michael Moss
Fiona Jarrett-Thelwell-Dunphy
Laura Brewer

Diane Gary
Terry Phillips
Erin Reese
Ryan Bailey
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SAVE THE DATE

FINGER LAKES REGIONAL EMS COUNCIL

CONFERENCE 2023

FRIDAY & SATURDAY

FEBRUARY 24 & 25, 2023

7:30am— 4:30pm

**Sponsored by:
FINGER LAKES REGIONAL EMS COUNCIL**

SEE YOU THERE