



2020 Teaching & Learning Conference Agenda

Kelly Inn, St. Cloud

Thursday April 23rd and Friday, April 24th, 2020

Schedule subject to change!!!

Thursday, April 23, 2020

0730 - Registration – Continental Breakfast & Exhibitors
0815 - Welcome, Introduction, Honor Guard
0825 to 0930 - Keynote
<p>Keynote - How the Teachers Will Save Us: Uniting EMS in our Classrooms EMS educators have a unique opportunity to break down historic differences and unite students in their classrooms. Themes such as pride, advocacy and community can be instilled before these candidates are influenced by rival interests, but far too often our classrooms reflect exactly what is wrong with our profession. Instead of kinship, educators foster tribalism. Instead of empowerment we reflect deprecating stereotypes. Advancing the EMS profession isn't about what we call ourselves or entirely based upon what degrees we have. Rather, it reflects the culture we create and how our students identify themselves within this culture. This talk will describe the role of teachers in defining the culture of EMS and discuss how they can influence the development of identity among their students.</p> <p>Daniel Batsie Dan Batsie is the Chief of Emergency Medical Services for the Vermont Department of Health. He has been a paramedic in New York, Maine and now Vermont for more than 28 years. Prior to working in Vermont, he was a regional education coordinator for the State of Maine and administered the paramedic programs for Eastern Maine and Kennebec Valley Community Colleges. He has authored two EMS textbooks and is currently working on his third.</p>
0930 to 0945 - Break & Exhibitors
0945 to 1035 - 2 Sessions
<p>Behavioral Restraint: The Scene is NOT Safe 80% of EMS professionals have been assaulted while trying to place a patient in physical restraints; 75% have seen a restrained patient escape. In most EMT and paramedic programs, restraint comprises only 0.2% of the curriculum, and continuing education on the subject is virtually non-existent. So how much restraint training have YOU received? Behavioral restraint is one of the most dangerous scenarios in prehospital medicine, placing both patient and provider in harm's way. Further, restraint is one of the top four liability concerns in EMS, resulting in civil rights violations, gross negligence verdicts, & wrongful death lawsuits. And because they were never adequately prepared, many providers have had to learn these facts the hard way. And all it takes is just one bad day. This is prehospital medicine's dirty little secret. But in this case, ignorance isn't bliss. It's just... ignorance. And the stakes are too high. Thankfully, this is a system-wide problem we can address. This program presents evidence-based strategies for performing safe, effective, & legal restraint and supplies participants with resources, including a detailed team-based procedure for physical restraint, example protocols and policies, and access to exclusive restraint training videos. End every shift by going home, not by going to court, the unemployment line, or the morgue.</p> <p>Dave Dalton Captain David Dalton, BS, EMTP, is a Training Officer and Defensive Tactics Instructor for St. Charles County Ambulance District in Missouri. He has written for multiple EMS textbooks and research publications;</p>



developed skills training videos for the AAOS, ZOLL, & others; and has spoken at state, regional, and national venues, including the 2018 and 2019 EMS Today Conferences, hosted by the Journal of EMS (JEMS).

Case Based Learning In The Digital Age

EMS students and providers are being prepared for in increasingly digitized world where electronic documents, bedside diagnostic devices, implanted artificial intelligence, computer to human interfaces and abstraction of “big data” are rapidly becoming commonplace. Not only do they need to be digitally literate to function in the field, but can benefit greatly by leveraging educational technologies for group work in the classroom to augment their learning. Combining case-based learning with educational technologies has the potential to revolutionize how students learn.

Rob Theriault

Rob is registered paramedic and professor of paramedicine at Georgian College in Ontario, Canada. He has been in the industry since 1984 and is a former Critical Care Flight Paramedic with Ontario’s air ambulance system. Rob has a Bachelor of Health Sciences (BHSc) Degree in Paramedicine from Victoria University in Melbourne, Australia and a Master of Educational Technology (M.E.T.) from the University of British Columbia. Rob is a published author, researcher, blogger, Podcaster, avid extended reality (XR) enthusiast and speaks at conferences across Canada and internationally. Rob is currently exploring virtual reality for patient simulation, teaching empathy and social VR for online learning.

1045 to 1135 Single Session

Cardiovert Your Classroom: Disrupting the Pattern

Traditional teaching methods are a lot like SVT: They may be marginally effective, but sometimes they need a blast of energy to reset things in order to actually perfuse the brain. “Flipping the classroom” is a popular concept these days, but how we define that varies widely. Regardless of what you do with online content, videos, or other strategies outside of the class, a huge challenge for many educators is deciding how to make the most effective use of time in the classroom. In this presentation, we will explore a variety of alternatives to traditional lecture approaches in the classroom and challenge you to break those reentry patterns that sometimes trap us.

Gary Heigel

Gary is the Department Chair of Emergency Services and the Paramedic Program Director at Rogue Community College in Southern Oregon. He has been a paramedic since 1984 and has extensive experience in both urban and rural EMS systems. He has been a Paramedic, Field Training Officer, Field Supervisor, Flight Medic, Operations Director, and since 2004, a fulltime educator. He has presented at regional, state, national and international EMS conferences and written for JEMS and EMS World magazines. He also works as a Clinical Educator for iSimulate and Echo Healthcare and works as an EMS Expert Witness. In 2014, Gary was honored as the Oregon EMS Educator of the year and in 2017 he received a National Innovation of the Year award from The League for Innovation in Community Colleges.

1135 to 1245 - Lunch & Exhibitors

1245 to 1335 - 2 Sessions

Spinal Trauma Management: A Skeptic Examines the Evidence

When prehospital management of suspected spinal trauma victims began to shift away from the use of the long backboard, were you skeptical? Having suffered a near-fatal cervical spine fracture himself, Captain David Dalton was greatly distressed when his agency announced that the backboard was being removed from the spinal trauma protocol. He set out to learn all he could about the supposed science behind these changes. But rather than finding flaws in the research, he came to the inescapable conclusion that traditional immobilization can contribute to a patient's death. And more recent research suggests that even more changes may be on the horizon.

David Dalton



Stress Inoculation in the Classroom

Stress in critical situations impacts the ability to think, perform and react, but rarely is it ever discussed in the classroom. Conversely, most EMS practitioners learned to manage the worst situations through trial by fire. That is, they learned lessons from their failures. What if there was a way to provide new practitioners the tools to manage the effects of stress and improve performance as they gained experience? What if we could prepare them not to learn through failure, but through a carefully designed plan to ready the student for the rigors ahead? This class will examine how stress, fear and anxiety impact human physiology and the EMS practitioner's ability to make decisions and perform. More importantly, we will describe how education can inoculate students from the effects of stress and provide key classroom strategies to better prepare students for the realities of real-world EMS.

Dan Batsie

1345 to 1435 - 2 Sessions

Beyond The Classroom

How do great team develop personnel who achieve such high results on operations? The answer is a dedication to realistic and challenging tactical training. Through this session, you will walkthrough how to "think out of the box" when it comes to basic training skill session the can challenge all levels of expertise. Examples will not only be from Public Safety, but also some of the top professional sports teams as well as elite military teams.

Greg Hayes

Greg Hayes , NREMT, Emergency Manager, Firefighter

A 27year veteran of Public Safety, Mr. Hayes has been able to develop his skills over a wide variety of incidents ranging from small events to large national disaster response. Within those experiences, he has developed a passion for incident planning of which he utilizes day to day. Finally, he currently serves as a Director of Public Safety as well as a planner on the Minnesota Type III Incident Management Team.

Podcasting To Enhance Learning

How do we connect with students in the digital age and leverage the technologies that they use to supplement and enhance their learning experience? One way is to engage them through Podcasting. Podcasting involves creating audio or "enhanced" audio recordings that are downloadable to any mobile device. Podcasts can be used by teachers to supplement learning or by students to create digital assignments. Together we'll discuss the pedagogy, the how-to and the possibilities of Podcasting.

Rob Theriault

1440 to 1515 - Break & Exhibitor

1515 to 1605 - 2 Sessions

Developing Impactful Presentations

Have you ever completed a presentation and thought to yourself, "I could have done that far better"? All instructors have. Looking at how a presentation is developed to how its delivered can leave your audience with the "wow" reaction you are looking for. Within this short presentation you will learn simple tricks like utilizing presenters view, smooth slide transitions and knowing when and where to bring your real life experiences can elevate you presentations to the next level.

Greg Hayes

Developing a Peer Support Team

Bill will discuss the components, pitfalls and positive experiences of developing a peer support team for a large suburban ambulance service.

Bill Brandt



Bill currently leads the External Education Department at Allina Health EMS, which provides EMS certification training for 70+ municipalities, corporations, fire, and police organizations across the state of Minnesota. Bill started out in the Fire Service, working as a Firefighter, EMT, Driver Operator, and Fire Inspector in St. Louis Park, Minnesota. He also started his own company, providing guiding and training services in rock climbing, hiking, mountain and road biking. For 14 years Bill lived in Aurora, Colorado where he was a Training Lieutenant and Paramedic with the EMS Bureau, Haz-Mat & Heavy Rescue Teams for the Fire Department. Bill also worked in the retail business, as a product developer in Outdoor gear, and Outdoor educator for REI. Bill is known for his strong working knowledge of adult learning principles and expertise in EMS Operations and Safety trends. He has a professional style that is energetic, down-to-earth and focused on the performance, quality, risk awareness and safety of his educator teams and trainees alike.

1610 to 1700 Single session

Simulation Made Easy – Just Do It!

Effective simulation training doesn't require expensive manikins or a large staff. This presentation will empower participants to facilitate realistic and effective simulations with ease, using equipment, staff, students, environments, and resources readily available to educators. Discussion will include how to select and set up simulation location and design, student or end-learner scenario integration, and the basics of debriefing. Participants will take home practical ideas they can implement right away. (This session can be a 1-hour presentation or be modified to a 4-hour workshop with active participation)

Gary Heigel

1730 to 1930 – Social Hour

Schedule subject to change!!!

Register here:

<https://www.mnems.org/teaching-learning-conference>



Friday, April 24, 2020

Schedule subject to change!!!

730 to 0800 - Registration – Continental Breakfast & Exhibitors

800 to 0850 - 2 Sessions

Patient Care or Taking Custody? When Does Involuntary Transport Cross the Line?

The laws governing involuntary transport and patient refusals are complicated and only briefly covered in EMS textbooks and classrooms. Should we be concerned?

In California, a well-meaning EMT was found *grossly negligent* after his restrained, suicidal patient escaped from the ambulance and was struck by an oncoming vehicle. In Wyoming, paramedics found themselves facing a 4th Amendment violation after forcibly taking a suicidal patient to the hospital against her will. By contrast, in New York an intoxicated patient is struck by a car moments after an ER physician allows him to leave the hospital. Arguing the physician had a duty to protect him from himself, the patient sues. But the court dismisses the lawsuit, declaring the physician had no right to hold the patient against his will. Is there a contradiction between these cases, or is the truth more complex?

With patient refusals and involuntary transports, the litigation risk for EMS is high. As EMTs and paramedics, we frequently make decisions between allowing a patient to sign a refusal and transporting him against his will. But the task of balancing a patient's rights against his need for medical care is often difficult. Further, assessing a patient's mental, legal, and situational capacity to refuse isn't as simple as asking if the patient is "AAOx4." Where is the line that separates patient *care* from taking *custody*? This session seeks to answer these questions and provide participants with confidence and peace of mind.

Dave Dalton

Extended Reality: The Future of EMS Learning?

Some predict that we are transitioning from the information age to the experiential age with Extended Reality (XR), a term that encompasses virtual, augmented and mixed/merged reality. These nascent technologies are poised to teleport students from the classroom to new, immersive and interactive worlds. The question on the minds of most educators is whether these experiences will be novel or truly transformative. You'll have to judge for yourself. In this session, we will discuss how XR, primarily virtual reality (VR), is likely to affect the learning landscape in terms of simulation-based learning, teaching empathy and social VR for synchronized online learning.

Rob Theriault

855 to 0945 2 Sessions

I Can't Take Another PowerPoint: Using Active Learning to Enhance the Classroom Experience

In a world of nonstop information, our students want to be engaged and invest in their own education. Yet far too often we offer them little more than pre-made power points and regurgitation of reading they have already done. If we wish to truly capture their enthusiasm and build lifelong learners, we need to take our lesson plans to the next level. We need to require more than passive attendance to pass along the tools they will need to develop their own excellence. Active and student-centered learning creates an environment where attention is grabbed, and thinking is required. This class will discuss how to develop active learning strategies for your classroom. Specific tactics will be discussed to enhance critical thinking, make learning more representative of the modern world and improve retention of the most vital information.

Dan Batsie

Team Building

Within Public Safety, success is measured based on a team achievements NOT individual accomplishment. However, our teams are made up of a very different cast of characters for leaders to try and motivate into a highly successful team. Based off the some of the latest business development concepts, we



will look at why teams succeed while others fail. You will be able to walk away with a few ideas on how to look at your team differently while developing ideas to help challenge them to achieve a high level of standards.

Greg Hayes

0945 to 1005 - Break & Exhibitors

1010 to 1100 – Single Session

A Powerful and Unfiltered Look at Sex Trafficking in Minnesota: How to Spot Indicators

The speakers will discuss the scope of the trafficking problem in MN and how it affects EMS providers. It is dangerous folly to deny that the buying and selling of children for sex is taking place with alarming frequency. Some facts: The FBI has identified the Twin Cities as one of 13 metro areas in the United States with a high incidence rate of child prostitution. The average age of entry into prostitution in the U.S. is 12-14 years old. One in three runaway children is lured into prostitution within 48 hours. Victims often will not seek help because of a belief they are in relationships with traffickers.

Imran Ali

Imran Ali is the Assistant Criminal Division Chief at the Washington County Attorney's Office and the Chief Prosecutor of the East Metro Sex Trafficking Task Force. For the past 16 years, Imran has been a trial attorney working on thousands of cases including dozens of homicide and sexual assault cases. In 2015 Imran was assigned to lead the Major Crime Unit and has worked exclusively in prosecuting human trafficking cases. In that time, he has convicted over 30 traffickers and over 100 child sex predators. For his work in human trafficking, Imran received the 2016 Minnesota Attorney of the Year and in 2019, Minnesota County Attorney Meritorious Attorney Award. In 2020, Imran was appointed by the National District Attorney's Office to the Board of Advisors on Human Trafficking. Imran is tasked with provide human trafficking prosecution and investigation technical assistance to over 5,000 prosecuting offices nationwide. Imran will also be working with prosecutors in Tanzania to develop victim-centered protocol in human trafficking investigations and prosecutions.

Aimee Schroeder

Aimee Schroeder is a criminal intelligence analyst at the Washington County Attorney's Office and the lead analyst for the East Metro Sex Trafficking Task Force. Aimee was the first criminal analyst focusing on human trafficking in the state of Minnesota. Her work has paved the way for several police departments and prosecution offices to utilize a human trafficking analyst in their investigations and prosecutions. To better understand the online sex marketplace, Aimee monitored and recorded over 190,000 commercial sex advertisements in 2016 and 2017. This work led Aimee to create and develop the "Proactive Enforcement Recovery Model" which has led to dozens of arrests and the recovery of hundreds of victims. For her groundbreaking work in human trafficking, Aimee received the 2017 Tri-County Analyst of the Year award and in 2019, Aimee was recognized by attorney's and received the State of Minnesota's Unsung Legal Hero Award.

1105 – 1155 Single Session

EMSRB Updates

Tony Spector

Tony Spector is the Executive Director for the EMSRB and has been in that position since June 2015. Prior to joining the EMSRB, Tony was the Meeker County Attorney where he served as general counsel for the county. He and his office also prosecuted criminal and juvenile cases and advocated strongly for victims of abuse and neglect. Tony also is a licensed peace officer with over thirty years of law enforcement experience including thirteen years as a Minneapolis police officer. He currently is a part-time patrol deputy in rural Minnesota. Tony was an adjunct faculty member in the MnSCU system, beginning that role in 1992. Tony received his master's degree in public safety administration and education from the University of Saint Thomas and received his law degree from William Mitchell College of Law.

1200 - Lunch on Your Own for Approved Agent Course or Adjourn



1300 - 1500

Approved Agent Course

This session will provide those applying to the EMSRB to be Approved Agents, Exam Coordinators or Examiners important and necessary information to oversee all aspects of psychomotor practical skills examination administration during Minnesota's transition to the EMS Education Standards.

EMSRB

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