

CEES'23



Colorado EMS Educators Symposium

Glenwood Springs, Colorado
May 19 - 21, 2023

At the Historic Hotel Colorado



Friday, May 19th at 6PM at the Hotel Ballroom:

Colorado EMS Educator's Reception

Join your friends and colleagues for an evening of celebration and conversation. Networking is key to improving your education in education! A cash bar and appetizers are provided.

Saturday Morning, May 20th

7:30 Continental Breakfast

8:00 CEMSEA Annual General Membership Meeting

9:00 What is up with the NREMT?

Dennis Edgerly

Many substantive changes have occurred regarding the process of skill verification and certification at the National Registry of EMTs, and more are in process. Participate in the discussion of how these changes affect every EMS course instructor, why they are happening now and how to best prepare your students to become certified.

About the presenter:



Dennis has been involved with EMS for a few decades. He is currently the Director of the EMS Academy at Arapahoe Community College in Littleton, CO. He is a frequent presenter at conferences around the country. He has worked as a contributing author and editor for several EMS textbooks. He remains active with national organizations including the NREMT working to further EMS education.

11:00 Measuring Competence in a Portfolio Program

Sahaj Khalsa

Accreditation requirements are changing, and the portfolio of skills students are required to build is one of the changes. This brings unique challenges as educators must develop new tools and evaluations to determine competence, both at an individual skill level, and holistically. We will discuss how to best determine initial competence, and how we can evaluate for and ensure continued competence.

About the presenter:



Sahaj has presented at state and national EMS and EMS educator conferences, published research papers in peer-reviewed journals, principal author of a position paper on educating culturally competent EMS providers for the National Association of EMS Educators. This paper sets goals and standards for EMS to continue working towards equitable access to education and care across the country. It was unanimously adopted by the NAEMSE Board of Directors, on which he currently serves.

12:00 Lunch Buffet

12:30 Serious Gaming for Your Whole Brain

William Belk

Game-based learning goes far beyond the use of VR and AR! We will explore serious games that can be created with any budget and the educational theories that support their use. Participants will learn to create educational experiences for clinicians and students using rules and methods like popular games that they are already familiar with. Learners will be given the opportunity to play a game that is currently being used to train more than 1500 flight nurses and paramedics throughout the United States.

About the Presenter:



William Belk is a HEMS educator with a passion for healthcare simulation and serious game-based learning. With more than 15 years of experience in ground and helicopter EMS operations, Mr. Belk has worked at all levels of prehospital care and is currently the Director of Simulation and Innovative Education for Air Methods Corporation in Greenwood Village, Colorado. He has spoken on simulation and serious games at national and international conferences and works as part of an international team conducting a series of critical care simulation competitions each year.

1:45 Brief, Targeted Pediatric Simulation

Anne Adema MD

This presentation will introduce and provide EMS educators low-fidelity tabletop simulations for small in person or remote teams that focus on pediatric preparedness in the prehospital setting. Studies demonstrate that psychomotor and cognitive skills decline without use among medical professionals. This is particularly important for pediatric patients since on average pediatric patients comprise 8% of Emergency Medical Service calls in Colorado. The degree of acuity and complexity of these patient encounters vary drastically. These tabletop simulations emphasize familiarity with pediatric specific equipment, medication reference use, targeted skills practice, and provide a guide for facilitating simulations and practicing evidence based pediatric care. Attendees will receive a tabletop simulation bundle ready to use with their teams.

About the Presenter:



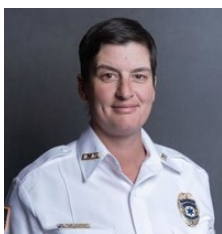
Anne Adema is a Clinical Instructor at the University of Colorado School of Medicine and a physician in the Emergency Department at Children's Hospital Colorado. She serves as the Director of Acute Care Education for the Department of Pediatrics, Section of Emergency Medicine. Dr. Adema is involved in the Children's Hospital Colorado EMS Outreach Program, and a member of the Colorado Pediatric Preparedness for the Emergency Room (COPPER) Program focused on developing pediatric curriculum and novel educational tools.

2:45 Building an Engaging Scenario

Ruth Stewart

This session will be a scenario building discussion. The session will cover: 1) Generating topic ideas 2) Developing objectives 3) Selecting the target skills participants should use 4) Mapping the training onto CE categories 5) Developing an appropriate history for the 'patient' 6) Using role-players as patients and bystanders 7) Basic moulage and prop ideas 8) Selecting 'real-world' locations for training 9) Completing a safety and risk assessment 10) Facilitating the scenario 10) Debriefing participants.

About the Presenter:



Ruth Stewart is a paramedic and training officer for Ouray County EMS, a diverse but tiny volunteer-based department in Ouray, Colorado. She also volunteers her time with the Ouray Mountain Rescue Team, currently as lieutenant and medical officer. This has opened opportunities to learn and practice medicine in difficult terrain and for prolonged periods. As it turns out, her favorite places to practice medicine tend to be dark, cold, wet, steep, and kind of uncomfortable!

4:00 Becoming an Effective Instructor

Fidel Garcia

This presentation will cover the basic four step approach to education, Preparation, Presentation, Application and Evaluation. Whether you are an experienced educator, or just getting started, this class will offer something for all. As we all know retention is highest when students participate, therefore this will be an interactive session!

About the Presenter:



Owner and CEO of Professional EMS Education, Inc., Fidel began his EMS Career in 1979. He has been a featured presenter at Regional, State, and National EMS conferences for over 26 years, as well as providing CE in CO, AK, UT, and NM. Fidel worked ambulance for 20 years on hospital based and private agencies. He was a flight Paramedic for 10 years. He is also an instructor for the Colorado Mesa University Paramedic Program in Grand Junction, building on nearly 37 years of providing EMS Education.

Sunday Morning, May 21st

8:00 Breakfast Buffet

8:30 Teaching Critical Thinking to Future Leaders

Landon Churchill

This presentation focuses on operationalizing the principles of critical thinking development. Specifically, it provides strategies to integrate organizational change theory, mentorship programs, and scaffolding theory into all levels of education to begin the process of developing high-order thinking skills early on in careers thus providing the skillsets for successful leadership later in an EMS provider's career. Ultimately, we will bring the abstract concepts that govern critical thinking into a functional light, creating tangible strategies to apply the concepts to improve outcomes for students and future leaders.

About the presenter:



Landon Churchill grew up in Western Colorado and began his public safety career as a volunteer firefighter with Colorado River Fire Rescue, where he had the opportunity to serve as an engineer, paramedic, and lieutenant. He was an EMS program coordinator and adjunct faculty at Colorado Mountain College and a started his own company, Big Red Fire Training. He is now as the Deputy Chief of Planning and Governance for Spring Fire Department in Spring, TX, and enjoys spending time with his wife and three children, cooking, playing music, and exploring the outdoors.

9:45 Evaluating the Affective Domain

Sahaj Khalsa

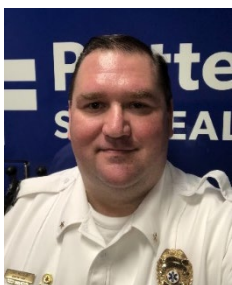
How can we measure the elusive and oft neglected *affective domain*? Employers often cite 'soft skills' as the skills new applicants and employees are most lacking. We also know that lawsuits and patient complaints are driven more by poor affective skills than by negligent care. This is a discussion focused on measuring this important domain with reliability and validity, allowing educators to help their students develop the skills employers are looking for.

10:45 Teaching How to Avoid Clinical Errors

Chris Mulberry

To treat patients, an accurate presumptive diagnosis must be determined. When a thinking error is introduced, it can cause a catastrophic outcome for our patients. These errors continue even with the vast improvement in medical technology available to EMS. This presentation will discuss what those errors are, why they happen and some tips for educators and field trainers to help their students and trainees avoid clinical errors.

About the Presenter



Chris is currently the Deputy Chief Paramedic for Platte Valley Ambulance Service in Brighton, a hospital based 911 ambulance service providing service for Brighton, Commerce City, Keenesburg, Hudson, and Lochbuie. He has been involved in EMS in Colorado for 27 years as a provider, educator, and leader. Chris is a Critical Care Paramedic.

11:45 Lunch Served

12:15 Teaching Students to Deliver Bad News

Sahaj Khalsa

Evidence shows that delivering “bad news”, such as death notifications, is a significant stressor to EMS providers. We often don’t train our students on how to do it well, and they are frequently unprepared when they inevitably are required to deliver such news. We will discuss the stress caused by being underprepared, the impact of that stress on providers, and how we can best prepare students to perform this skill.

1:30 Raising the Bar in EMS Education

Fidel Garcia

Education is a continuous journey that should never stop. We have all had amazing instructors, and maybe even instructors who were not so great. As educators we continue to learn and grow so we can impart the information needed to allow the student to have the best opportunity to succeed. We also need to continue our quest to improve and be the best we can be. Everyone who teaches has valuable insight into what has worked for them and what has not. This session will be an open forum to discuss our successes and failures in the classroom. We will all benefit from hearing what you have done to make your class the best educational experience for your students.

The Colorado EMS Educators Association (CEMSEA) is EMSAC's EMS educators' subsidiary group. CEMSEA membership is free with EMSAC membership, and the EMS Educators Symposium (CEES) is discounted for CEMSEA members! Educators are asked to sign onto the CEMSEA mailing list as they complete their registration to help foster quality EMS education in Colorado.

