

**Thursday April 28, 2022**

**Pre-Conference Check in 7:30am-8:00am**

**8:00am-5:00pm**

## **Handtevy Instructor Training**

### ***Handtevy Team***

The Handtevy Pre-Hospital Pediatric **Instructor** Course is an **8-hour** live lecture and hands-on course that is intended to certify instructors to teach the Handtevy Pre-Hospital Pediatric Provider Course at their department and earn credits. The course uses the basic tenets of ACLS training as the foundation while still covering the basic pediatric ALS principles and nuances. The course focuses on the skills needed to rapidly and accurately treat the sick and injured pediatric patient.

#### **Features**

- Highly interactive live classroom course featuring pre-hospital clinical scenarios
- Modular course built for customization and varying levels of difficulty
- Field tested education which will translate to an immediate impact on quality
- Hands-on class format that will reinforce skills proficiency
- Course provides administration instruction and on-line reference materials
- Group instruction practice and demonstration

#### **Course Content**

- Key principles in pediatric advanced life support geared towards pre-hospital providers
- Systematic approach to pediatric assessment with a scientific explanation of the difficulties associated with pediatric care
- Overcoming the emotional hurdles associated with pre-hospital pediatric care
- Recognition and management of respiratory, shock and cardiac emergencies
- Medication principles including dosing, administration, and error prevention
- Effective communication as a member and leader of a pre-hospital team
- In depth description of Course administrative responsibilities including provision of CEUs.

## **Section 1**

**8:00am-12:00pm**

**Mental Health First Aid for Fire/EMS Providers – FREE Training-** Session limited to 25 participants

### ***Stacy Rosencrans***

Mental Health First Aid for Fire and EMS is a **4 hour training** that focuses on the unique experiences and needs of firefighters and EMS personnel and is a valuable resource that can make a difference in their lives, their families' lives and the communities in which they live. Firefighters and EMS workers learn about the importance of early intervention and how, as first responders, they can intervene in the field and provide direct assistance to someone who is experiencing a mental health challenge or crisis.

## **Section 2**

**1:00pm-5:00pm**

**Mental Health First Aid for Fire/EMS Providers – FREE Training-** Session limited to 25 participants

### ***Stacy Rosencrans***

Mental Health First Aid for Fire and EMS is a **4 hour training** that focuses on the unique experiences and needs of firefighters and EMS personnel and is a valuable resource that can make a difference in their lives, their families' lives and the communities in which they live. Firefighters and EMS workers learn about the importance of early intervention and how, as first responders, they can intervene in the field and provide direct assistance to someone who is experiencing a mental health challenge or crisis.

**Friday April 29, 2022**

**Conference Check in**

**7:30am-8:30am**

**SIM Trailer (several sessions available throughout the conference)**

***Provided by: Portneuf Air Rescue***

We learn best by doing! Come experience cutting edge hands-on training in a “no pressure”, hands on learning experience that is as close as you can get to managing a real medical emergency by utilizing the very latest technology in high-fidelity mannikins. This is the training that will help you manage emergency patient care in your future!

**Ambulance/Fire Driving SIM**

***Provided by: CEI Fire Service Technology and Idaho EMS***

Practice driving a Ford F-450, the truck typically used for Idaho ambulances, and a Spartan Chassis fire engine. Equipped with hundreds of typical emergency vehicle driving scenarios, trainees drive in an animated city to a burning building, hospital or other emergency situation, while adjusting to severe weather conditions and avoiding crazy drivers who run red lights. The cab moves and shakes and makes the driver feel as if they're pulling a heavy load as they turn and stop.

**Session 1**

**8:30am-9:30am**

**Friday Keynote- Treating Kids like Little Adults: A Paradigm shift in Pediatric Care**

***Dr. Peter Antevy***

**Session 2**

**9:30am-10:30am**

**Pediatric Tips and Tricks**

***Dr. Peter Antevy***

Case studies- Tips on assessments, treatment tips, cardiac arrest management and more!

**Traversing the Tough Stuff- BLS/ALS**

***Stacy Rosencrans***

**Scaling the STEMI Cliff**

***Philip Ashcraft***

Signs and symptoms of heart attack particularly STEMI. Proper care and treatment for these patients. We will delve into case studies including images of what blocked coronary arteries look like and how we address those issues in a cardiac Cath Lab.

**BREAK**

**10:30am-10:45am**

## **Session 3**

**10:45am-11:45am**

### **Mastering Triage!**

***Jon Politis***

All EMTs are supposed to know how to triage people but most are very rusty in how to actually do it. The new national standard is evidence-based SALT triage. This session covers the principles of triage, conventional and SALT triage and how to use tagging systems. It also includes two triage drills to involve the audience and have them practice what they have just learned.

### **Lights and Sirens to Airway Management: Exploring the Top EMS Trends for 2022**

***Dr. Curtis Sandy***

EMS medicine is constantly undergoing adjustment and refinement. Recent literature, policy statements and experience from a worldwide pandemic have provided EMS personnel and agencies with opportunity to adjust the delivery model of EMS and refine treatment guidelines. This session will review and discuss some of the leading articles and policies that have already had an impact on EMS medicine across the country.

### **What's New on the Horizon: Stroke Updates**

***Heather McGeehan***

## **LUNCH- Provided**

**11:45-1:15**

Reserve your lunch through our online registration. Contact CEWT at 208-282-3372 with any food allergy concerns.

## **Session 4**

**12:00pm-1:00 pm**

### **Lunch and Learn: State of the State EMS**

***Wayne Denny***

**Lunch provided:** Contact CEWT at 208-282-3372 with any food allergy concerns

## **Session 5&6**

**1:15pm-3:30pm**

### **Cadaver Lab Demonstration**

***Dr. Curtis Sandy, Dr. Susan Marion and ISU Biology Dept.***

A visual tour through the anatomy of the human body. This session will review external and internal structures and organs. Discuss the impact of the most common penetrating and blunt injuries to the internal organs, impact of crush injuries. Identify landmarks for I/O, Cricoidectomy, needle decompression.

## **Session 5** **1:15pm-2:15pm**

### **EMS Best Practice/Scope of Care for STEMI**

*Jathan Nals*

### **Conquering the Mountain: Burns and Beyond**

*Dr. Michael Lemon*

### **Extrication: Time to Bail!**

*Justin King*

## **BREAK**

**2:15pm-2:30pm**

## **Session 6** **2:30pm-3:30pm**

### **Taking Stock of Taking Charge.... Field Leadership of Emergency Care (FLEC)**

*Jon Politis*

The only thing worse than nobody in charge are too many providers, all trying to take charge. Effective leadership during clinical care is critical to effective assessment, care and patient outcomes. It's an art that must be developed and honed over time. This session will cover the elements of emergency scene leadership, critical thinking and how to be an effective follower.

### **Partnering First Responders with Public Health to Reduce Drug Overdose**

*Karen Kershaw, Chief Eric Day*

Preventing drug overdose in our communities is a pressing priority for both first responders and public health workers. The Overdose Response Strategy (ORS) is an unprecedented and unique collaboration between public health and public safety, created to help local communities reduce drug overdoses and save lives by sharing timely data, pertinent intelligence and innovative strategies. Karyn Kershaw from the CDC Foundation will provide an overview of the ORS team in Idaho, the current illicit drug supply, and harm reduction strategies for first responders. Chief Eric Day will highlight Idaho Falls Fire Department's naloxone leave-behind program, an exciting new program that allows EMS to hand out naloxone to patients or loved ones at the scene of an overdose.

### **Free Fall Recovery: No Pulse- Now What?**

*Mick Coward*

This session will discuss cardiac arrest survival rates and trends both locally and nationally. We will explore how the response to cardiac arrest has changed over the years, and the things we can do today to optimize our treatment of these patients. Get some hands-on practice with the Lucas Device, Video Laryngoscope, Cardiac Monitor with CPR Feedback on a SIM manikin.

## **Session 7**

**3:30pm-4:30pm**

### **Point-of-Contact Ultrasound in EMS**

***Dr. Francis***

### ***Medical Errors and Decision-Making Strategies***

***Dr. Will Smith***

Medical errors in EMS can stem from 3 broad categories: 1) Procedural, 2) Affective, 3) Cognitive. Recognizing these errors and personal biases, as well as applying different decision-making strategies can reduce and prevent such cases. Crew resource management (CRM) and other systems of care approaches will be discussed to not only prevent and/or reduce EMS medical errors, but often times improve patient satisfaction, while providing optimal patient care. The session will be an interactive discussion with significant audience participation. Medical scenarios blended from instructor and student cases will give a framework for the discussion and provide lessons learned.

### **TRANSceiver**

***Dillon Brock***

Focused on positive patient outcomes, this lecture will guide you on the treatment of Transgender and Non-Binary patients in the emergency settings. Starting from a base knowledge, we engage with best practices that lead to positive outcomes and better patient satisfaction.

**Saturday April 30, 2022**

**Conference Check in**

**8:00am-8:30am**

**Session 8 and 9**

**8:30am-10:30am**

**Cadaver Lab Demonstration**

***Dr. Curtis Sandy, Dr. Susan Marion and ISU Biology Dept.***

A visual tour through the anatomy of the human body. This session will review external and internal structures and organs. Discuss the impact of the most common penetrating and blunt injuries to the internal organs, impact of crush injuries. Identify landmarks for I/O, Cricoidectomy, needle decompression.

**Session 8**

**8:30am-9:30am**

**Trauma**

***Dr. Drew McRoberts***

**EMS Myth Busters....Slaying some Sacred Cows of EMS Care**

***Jon Politis***

Sometimes our training has failed us by continuing to perpetuate information that isn't entirely accurate or is downright wrong. This clinically focused session will challenge you on many things you thought you knew.... Everything from measuring airways to giving oxygen, spinal care, bleeding control and what heat stroke looks like. Based on evidence-based medicine we will "bust" some long held myths of EMS.

**Navigating Airways- BLS**

***Alex Bringham***

Dive into basic airway management techniques such as airway manipulation maneuvers and airway adjuncts- OPA, NPA. We will also discuss mask ventilation, and potential anatomical problems. Hands-on practice!

**Session 9 and 10**

**9:30am-11:45am**

**Compassion Fatigue- The Cost of Caring**

***Dr. Dan Casey***

COVID-19 has posed challenges in maintaining strong mental health for first responders across the nation. As a result of increased call volumes and decreased workforce capacity, first responders may experience varying levels of compassion fatigue for patients and loved ones. Compassion Fatigue: The Cost of Caring will identify the mental and physical costs of the crisis work first responders experience on a regular basis. The presentation will provide first responders with information and skills to recognize and respond to feelings of compassion fatigue.

**Session 9** **9:30am-10:30am**  
**Pumped up and ready to go: Cardiac Emergencies-ALS**  
*Dr. Lance Longmore*

**Airways- ALS**

*Alex Bringhurst*

Get some hands-on practice with advanced airway procedures such as LMA placement and intubation techniques. Special airway considerations will also be discussed.

**The Peaks and Valleys of Diabetic Emergencies**  
*Cami Taysom*

**BREAK** **10:30am-10:45am**

**Session 10** **10:45am-11:45am**  
**Hitting the Wall: Sudden Cardiac Death-ALS**  
*Dr. Lance Longmore*

**Out on a Limb: Pediatric Trauma-BLS/ALS**  
*Dr. Jorge Amorim/ Dr. Alison McInturff*

**Avoiding the Vertical Drop: Recognizing Anaphylaxis**  
*Dr. David Parry*

**Lunch- Provided** **11:45am-12:30pm**  
Reserve your lunch through our online registration. Contact CEWT at 208-282-3372 with any food allergy concerns.

**Session 11** **12:30pm-1:45pm**  
**Saturday Keynote: Wilderness Medicine- Where Ambulances Do Not Go**  
*Dr. Will Smith*

## **Session 12** **1:45pm-2:45pm**

### **A Walk in the Park...Case Studies in Trauma**

*Jon Politis*

Off road or backcountry EMS is a different “ball game” and requires an EMT to think differently about response, rationing of care, the method, speed and relative risks of transportation. Trying to respond to an emergency in an austere environment with a standard EMS response can cause major problems for the patient and rescuers. This presentation provides an overview of the response, assessment, patient care and transportation considerations for backcountry rescue. 4 trauma case studies will review assessment, treatment and transportation decisions used in an austere field environment.

### **Case Studies in Wilderness Medicine**

*Dr. Emily Davis, Dr. Richard “Jack” John, Dr.A.J. Weinhold,*

Two 20-minute case studies with time for discussion considering preparation, field assessment, stabilization, treatment, transportation/evacuation in a back-country, pre-EMS setting.

### **Rapid Fire Backcountry Patient Assessment**

*Cami Taysom, Lance Taysom*

## **BREAK** **2:45pm-3:00pm**

## **Session 13** **3:00pm-4:00pm**

### **Unmanned Aerial Systems (UAS)- ‘Drones’; Increasing SAR Response Capability**

*Dr. Will Smith*

Unmanned Aerial Systems (UAS), also known as ‘Drones’ are becoming a useful tool for SAR response when managed appropriately. The ability to leverage this emerging technology with longer battery life and loiter times as well as utilizing the newer optics and infrared capability as well as other sensor platforms can detect lost subjects with growing efficiency. Also, cost can be dramatically lower than traditional other air assets such as helicopters. Safety with deconflicting air space remains paramount, but with appropriate training and organization, this can be done safely. This presentation will discuss concepts of operation and planning to utilize UAS safely in SAR response.

### **Improvised Splinting for Backcountry Rescue**

*Cami Taysom, Lance Taysom*

### **Canal Street Avalanche**

*Luke Nelson, Dr. AJ Weinhold*

A discussion of the Pebble Creek Ski Patrol response to the fatal side country avalanche in 2020.

## **Session 14** **4:00pm-5:00pm**

### **Closing Session: Base to Summit**

*Dillon Brock*