

ALERT Conference 2022

October 5-8, 2022

This activity is jointly provided by Medical Education Resources and The ALERT Center at Texas State University.

Evaluation & Certificate

A certificate will be issued upon completion of an evaluation survey. **Credits must be claimed by November 8, 2022.**

Place the following link in a browser, complete the evaluation survey, click on the word "Certificate" on the last page of the evaluation survey and download the certificate.

>> <https://www.cmesurvey.site/ALERT22>

If you have questions about the survey or the certificate, please contact Medical Education Resources at 303-798-9682 or jsykes@cmepartner.org

Target Audience

This activity has been designed to meet the educational needs of Physicians, Nurses, EMT, NP, CMA, PA, Social Work, APA involved in working with emergency responders.

Statement of Need/Program Overview

To increase whole community awareness of provider needs in planning, mitigation, response with an improvement in overall outcomes involving medical personal.

Learning Objectives

After completing this activity, the participant should be better able to:

- Appraise and communicate better with local community emergency responders and those in the hospital.

- Plan for integrated response with medical teams.

- Identify and recognize unconventional threats and response capabilities with medical teams.

- Identify and recognize preventable pre-hospital death and mitigation strategies.

Faculty

- Stephen Odom; PhD, LMFT
- James Preston; Lieutenant; Harris Co Constable Office Pct 5
- Tina Jaeckle; Crisis and Trauma Counselor/Consultant/Instructor; Jacksonville SO
- Michael Laidler; Leadership Strategist; Michael Laidler Unlimited
- James Summers
- Maggie Hickey; Assistant Director; Cardiac Catheterization Lab at Virginia Hospital
- Katie Contreras; Paramedic
- Rodney Rhode; Regents' Professor and Chair, CLS Program; Associate Director, Translational Health Research Center, Texas State University
- Shannon Billings
- Sean Lawler; Dr. & Supervisory Special Agent

- Cheryl Michaels; Director of Emergency Management/ Associate Director of Security
- Kenneth Pippin; Lieutenant; New Braunfels (TX) FD

Program Agenda

- **Mental Health Mayday and Mass Casualty Incident Mop-Up**
Presented by Stephen Odom
80% of First Responders are dealing with health or mental health issues. Most are stressed out, burned out and exhausted from working long shifts, mandatory overtime, and more calls for service than ever before. Fill your toolbox with mitigation techniques for acute stress that will reduce the symptoms of PTSD and decrease burnout. This course teaches methods for dealing with traumatic impacts of catastrophes and calamities. We will explore protocols for managing and stabilizing one's reactions within the nervous system (CARES).
- **Effective Leadership**
Presented by James Preston
Effective leadership helps students understand the critical role they play as leaders in their organization. This training focuses on leadership concepts and principles that help students with developing reasonable goals and standards, creating a culture of excellence, and understanding why accountable leadership is needed at all levels in an organization.
- **Effectively Addressing Stress and Building Resiliency in Rapid Response Teams**
Presented by Tina Jaeckle
The stress and resiliency needs of rapid response teams are unique given the impact of often unpredictable and potentially volatile crisis situations. This session will identify, define, and discuss the nature of stress and resiliency in RRTs and how to effectively build a stronger foundation both prior to and after a critical incident. Case studies and best practices models will also be presented.
- **Greatness Beyond the Badge: The Three Key Principles for Self-Awareness**
Presented by Michael Laidler and James Summers
Each day, law enforcement officers place their lives on the line to protect and serve their communities. They love their career, but do they place enough emphasis on their growth to be the best version of themselves? This encouraging and uplifting presentation provides tools for law enforcement officers to increase their self-awareness to maximize their abilities to grow themselves and increase their skills to handle stressful situations. The program will challenge law enforcement officers to build on their growth journey today!
- **Hospitals: A Missing Link to Mass Casualty Response Plans**
Presented by Maggie Hickey
Integrating Hospitals into Mass Casualty Response Plans
Receiving Hospitals, from small community hospitals to large trauma centers, play an essential role in both the mitigation and response to high threat events in the community. However, most are overlooked when it comes to preplanning for mass response. Hospitals are a missing link to the chain of survival. Without integrating plans with local law enforcement, public safety, and fire/EMS this creates room for a break down in the chain of survival and thus leading to additional preventable deaths in the community. This break out session will lay out common misconceptions to disaster response and propose a new way to fully integrate together as a team to better care for the community.

- **Inclusive Care: An Intro to LGBTQIA+ in EMS**

Presented by Katie Contreras

Often, people consider gender to be male or female. However, for many, gender simply does not exist in those binary terms; gender is more of a spectrum or flexible, with individuals identifying or expressing varying degrees of masculinity and femininity. As of 2022, there are an estimated 1.4 million transgender individuals in the United States, and, as EMS providers, we should strive to create a safe and inclusive treatment environment. This means being knowledgeable about the challenges and threats our patients face on a daily basis, as well as appropriate gender neutral/non-binary terminology, and how to keep a patient interactions from becoming an anxiety-inducing event.

- **Mass Casualty Incident: The Intersection of the Medical Laboratory**

Presented by Rodney Rhode and Shannon Billings

A mass casualty incident (MCI) or disaster occurs when “a destructive event causes so many casualties that extraordinary mobilization of medical services is necessary.” During an MCI, it is understood that the emergency department (ED) and all of its personnel must be prepared to handle and prioritize the care for the (usually) massive patient volume that occurs in such a short span of time. Typically, the first 24 hours are critical to saving lives. While it may be known by most that the physicians, nurses, and other front-line responders in the ED are in critical demand during these events, we must not forget the vital role that the medical laboratory and its highly trained personnel in laboratory medicine play during an MCI and other emergencies. The presenter will utilize a case study from the lens of a medical laboratory professional describing her experiences during the catastrophic event in Las Vegas that required coordination from not just front-line healthcare workers but also the medical laboratory professionals that helped to coordinate the treatment of the victims.

- **Taking Control: The Successful Disruption of the Active Shooter Attack at Seattle Pacific University**

Presented by Sean Lawler and Cheryl Michaels

An active shooter attack at Seattle Pacific University left one student dead, but a heroic response from a student disrupted the attack and saved lives. This response will be discussed in light of the body's neurological and physiological response, in addition to methods for building resiliency.

- **Whole Blood Administration in EMS: A Regional Approach**

Presented by Kenneth Pippin

The benefits of Low Titer O+ Whole Blood (LTOWB) transfusions for patients in hemorrhagic shock are well known. However, the logistics and cost of deploying LTOWB pre-hospital have largely prevented its expansion beyond Trauma Centers. Through partnerships between the Southwest Texas Regional Advisory Council (STRAC), South Texas Blood and Tissue Center (STBTC), San Antonio Military Medical Center (SAMMC), University Hospital, and other hospitals and EMS agencies in the San Antonio, Texas region, these logistic and cost hurdles have been overcome. This has allowed for the life-saving pre-hospital administration of LTOWB by helicopter and ground EMS agencies throughout the region. This successful regional approach to LTOWB administration in EMS is an example that could potentially be replicated in throughout the country.

Accreditation Statement



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INTERPROFESSIONAL CONTINUING EDUCATION

In support of improving patient care, this activity has been planned and implemented by Medical Education Resources (MER) and The ALERRT Center at Texas State University. MER is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team

Interprofessional Continuing Education (IPCE)

This activity was planned by and for the healthcare team, and learners will receive 13.5 Interprofessional continuing Education (IPCE) credit for learning and change

Physician Credit

Medical Education Resources designates this live activity for a maximum of 13.5 *AMA PRA Category 1 Credits*™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Nursing Credit

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<i>Name of Content Manager</i>	<i>Reported Financial Relationship</i>
The ALERTT Center at Texas State University	No financial relationships to disclose
Planners at Medical Education Resources	No financial relationships to disclose

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