

2016 Region 1

Innovations Conference

July 25, 2016 to July 30, 2016

Website:

<http://www.emsinnovation.org/>

Preconference: July 25, 26, 27

Link to online Registration: https://www.regonline.com/newmexicoemergencymedicalservicesemsstate_1848130

2016 New Mexico EMS Region1 Innovation Conference
All Courses Location at Marriott Pyramid Unless Otherwise Noted
PRE-CONFERENCE WORKSHOPS

PHTLS (Pre-hospital Trauma Life Support) 16hrs – \$350.00

- Monday July 25, 2016 – 8am to 5pm
- Tuesday July 26, 2016 – 8am to 5pm
- No registrations will take place for this course after July 15, 2016

PALS (Pediatric Advance Life Support) 14.5hrs – \$225.00

- Monday July 25, 2016 – 8am to 5pm
- Tuesday Jul7 26, 2016 – 8am to 4pm
- No registrations will take place for this course after July 15, 2016

ACLS (Advanced Cardiac Life Support) 6.5hrs – \$170.00

- Wednesday July 27, 2016 – 8am to 4pm
- No registrations will take place for this course after July 15, 2016

Blended Combo refresher (online course content with one day skills review in class). \$170.00

- Tuesday July 26, 2016 – 8am to 4pm

Students are required to complete the online portion prior to attending the two-day classroom portion of this course. After registration and payment are received you will be given a code and instructions on how to access the online portion of the course.

Traditional Combo Refresher 3 days (all in class hours) \$170.00

- Monday July 25, 2016 to Wednesday July 27, 2016 – 8am to 5pm

Paramedic Refresher (2 day off site at EMS Academy 32 hour online) \$225.00

- Monday July 25, 2016 to Tuesday July 26, 2016 8am to 5pm

Students are required to complete the online portion prior to attending the two-day classroom portion of this course. After registration and payment are received you will be given a code and instructions on how to access the online portion of the course.

NM EMS for Children Mini-Lecture Series FREE

- Wednesday July 27, 2016 8:00am – 12:00pm

“Fundamentals of Airway Managements” Dr. Darren Braude \$50.00

- Wednesday July 27, 2016 – 1pm to 5pm

Prerequisite Requirement:

Go to <https://hcssl.unm.edu/EM/emered/Airway911Course/onlineED.html> select take the class complete all 6 modules and bring the free NM CE print out to the course.

CPR (Cardiopulmonary Resuscitation Class) – Marriott Pyramid \$50.00

- Wednesday July 27, 2016 – 8am to 12pm

Extrication Course / IFSAC Course: 5 full days – off site TBD \$140.00

- **Registered participants will be contacted and sent a form for their Chief to sign and validate bunker gear prior to attending the Course.**

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CORE CONFERENCE REGISTRATION

Pre-Registration On-line Conference Fee: \$350.00 with closing date of July 8, 2016

Squad Rate (5 or more) \$325.00 - after July 8, 2016 \$400.00

Late On-line Conference Registration Fee: \$400.00 – July 9, 2016 to July 30, 2016

*All PAID Registered Conference Attendees receive:

- One Luncheon ticket per registrant – extra luncheon ticket is \$25 per person and can be purchased by selecting the merchandise tab during online registration.
- One Conference T-shirt and One Conference Bag
- One Isotopes Baseball game ticket with full registration Extra tickets are \$25.50 and can be purchased by selecting the merchandise tab during online registration. (No PO purchase of Isotopes tickets allowed).
 - Last day to purchase and pay for Baseball game tickets - July 17, 2016

One Day Registration and Attendance to the Conference Fee: \$175.00

- No Isotopes Baseball tickets with one-day registration or after July 17, 2016

PRE-REGISTERED PAID CONFERENCE ATTENDEES PACKET PICK-UP ON JULY 27, 2016

- Marriott Pyramid

- ALL CONFERENCE REGISTRATION FEES MUST BE PAID IN FULL TO RECEIVE CONFERENCE PACKETS.
 - IF PAYING BY PURCHASE ORDER, PLEASE HAVE COPY OF PO AND/OR PO NUMBER UPON ARRIVAL TO CONFERENCE REGISTRATION.

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CORE CONFERENCE

THURSDAY JULY 28, 2016

7:30am Conference Registration

8:00am Conference Exhibit Opens

8:00-9:00am Welcome and Opening Ceremony

General Session I 9:00am-10:00am

“POINT COUNTERPOINT: SCIENCE VERSUS TRADITION”

FIDEL GARCIA, EMT -P, AND MARK WARTH, BHS, NRP

Description of Presentation:

Fidel and Mark bring back the SNL skit “Point – Counterpoint with Dan Aykroyd and Jane Curtin”. This Entertaining session will take current topics in EMS that are controversial and differentiate reality from myth in a humorous debate format that is bound to bring a smile to your face while attaining education.

Vendor / Networking Break 10:00-10:30am

Breakout Session 10:30am – 11:30am

C01: “FUND ACT”

By: ANN MARTINEZ

C02: “JOINT ORGANIZATION OF EDUCATORS PANEL”

By: JOE Committee

C03: “SEXUAL ASSAULT, DOMESTIC VIOLENCE AND STRANGULATION; HOW CAN EMS HELP?”

BY: GAIL STARR, MSCJA, BS, RN, SANE-A, SANE-P

Description of Presentation:

The presentation will cover SANE services and the need for specialized forensic healthcare in the community. This will include strategies to address the medical needs for victims of sexual assault, domestic violence and/or strangulation; plus, how to coordinate the appropriate placement for them.

11:30am – 1:00pm Lunch (on your own)

General Session II 1:00pm - 2:00pm

“FIRSTNET AND EMERGENCY MEDICAL SERVICES”

BRENT A. WILLIAMS, SENIOR EMS ADVISOR & FIRSTNET STAFF

Description of Presentation:

FirstNet will enable emergency medical services personnel to exchange key diagnostic information with doctors and provide treatment to patients like never before. Imagine a day when one interoperable communications network will provide high speed data, including video, text, graphics and eventually voice, to connect all of the participants in an EMS encounter. FirstNet will provide the broadband connectivity between EMS and hospitals to support advanced diagnostics and treatment in the field, with solid physician oversight and advice. In addition, access to many useful databases and applications will be supported.

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Vendor / Networking Break 2:00 – 2:30pm

Breakout Session 2:30pm – 3:30pm

C04: “HEMORRHAGE CONTROL WITH A TOURNIQUET; IT REALLY WORKS!”

By: LAWERANCE HATFIELD

Presentation Description:

The use of tourniquets in hemorrhage control is not new. It has been a part of pre hospital medicine since Napoleon. Since the mid-20th century there has been much controversy over their use, resulting in their removal from pre hospital use. In the Vietnam conflict, the number one cause of death was exsanguination from extremity trauma and blood loss. In the early days of the Iraqi and Afghanistan conflicts’ the United States military services observed the return of this phenomenon. Now with the controlled studies conducted by the military medical command the death rate from hemorrhage has been reduced to ~ 5%. As a result, the return of tourniquets to civilian EMS has returned with multiple documented saves in recent years. The Pre-Hospital Trauma Life Support committee has been a leader in the development of public safety training in the pre-hospital environment. Come and learn the facts about tourniquet use and how easily the public can be trained in their use and, how the new Tactical Emergency Casualty Care Course applies to EMS responders.

C05: “EMERGING TECHNOLOGIES IN EMS”

By: NIKHIL PATEL

Presentation Description:

The last two decades have witnessed an unparalleled technological revolution in digital systems, including the many ways and forms that information can be processed and communicated. These new systems—whether mobile, social, cloud-based, or big-data intensive—are fundamentally affecting industries throughout society. Certainly, important developments have occurred over the last decade that stand to impact the way EMS is conceptualized and delivered in the future. This is a time of opportunity for EMS to engage in its strategic direction; to choose how it will benefit from existing and emerging digital technologies.

C06: “DO WE NEED ETCO2”

By: MARK WARTH, BHS, NRP

Presentation Description:

The uses for this physiologic device continue to increase, growing its value in patient safety and outcomes. This lecture will review the who, what, and how ETCO2 benefits the EMS provider and provide guidance for diagnosing and treating patients.

Vendor / Networking Break 3:30-4:00pm

Breakout Session 4:00pm – 5:00pm

C07: “RETHINKING MEDICATION DELIVERY: IN OR IM AS THE FIRST ROUTE FOR PAIN AND SEIZURE MEDICATIONS”

By: CHELSEA C. WHITE IV, MD, NREMT-P

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This will be a two-part presentation. Part one will discuss the merits of giving the first dose of all pain medications and seizure medications either intranasally or intramuscularly. Part two will discuss the indications for CPAP as well as type of CPAP system that is inexpensive and that doesn't drain your oxygen supply, making it perfect for rural applications

C08: "ACT F.A.S.T. FOR STROKE"
By: JOHN SMITHSON, B.S., EMT-P

Presentation Description:

During an acute ischemic stroke, a patient loses 20,000 brain cells in a minute's time. This presentation will cover the basic pathophysiology of stroke mimics and misses, the importance of tPA, and new intra-arterial therapies for stroke.

C09: "IF YOU DROP THE BABY, PICK IT UP"
By: FIDEL GARCIA, EMT-P

Presentation Description:

One of the most exciting or terrifying calls we encounter is the delivery of a newborn. Is the inverted pyramid a marvel in Egypt? Why is it important to get an APGAR score? We will discuss how to care for a newborn in the first few minutes after a delivery. We will also look at third trimester emergencies that may lead to potential delivery problems in the field.

**ISOTOPES BASEBALL GAME NIGHT
AT ISOTOPES PARK**

**ALBUQUERQUE ISOTOPES VS SALT
LAKE @ 7:05PM**

FRIDAY JULY 29, 2016

7:30am Registration Opens

**8:00am – 5:00pm Conference Vendor
Exhibit Opens**

General Session III 8:00am – 9:00am

**WE ARE LEAVING OUR
PROFESSION TO WHOM?**

"GENERATION X"

KIRK, E. MITTLEMAN, M.ED. NRP

Presentation Description:

Generation X is old news, be prepared because here comes Generation Y and Z. It might not be pretty, but we must face it. How are you going to deal with the generation that grew up on video games, computers and high tech toys? How can you entertain and get along with this new generation who reads books on tablets? During this class we will discuss what makes the new generation tick. Understanding how this generation is motivated and works in the world of Public Safety is integral to teaching them our profession and working side by side with them. Join Kirk as we discuss what you must do to motivate, supervise, teach and work with the electronic generation. During this session we will discuss what perceptions and misperceptions you have about this new generation. Join Kirk for a humorous and entertaining look at whom we are preparing to take over our profession.

Vendor / Networking Break 9:00 -9:30AM

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Breakout Session 9:30am -10:30am

C10: “PICASSO, JUDY GARLAND AND INDIANA JONES ALL WALK INTO A BAR....”

By: CHRISTOPHER EBRIGHT, B.Ed., NRP

Presentation Description:

Schizophrenia, phobias, panic attacks, depression and suicide are all calls that can be challenging and dynamic for any pre-hospital provider at any time. Covered in this presentation are the differential diagnoses, patient interaction and treatment strategies for these various behavioral emergencies.

C11: “TRIAGE- ARE THERE CONSEQUENCES?”

By: MATTHEW H. PROPP, NREMT-P

Presentation Description:

This presentation will cover the Triage process, and what consequences are possible as the Triage Office. Topics will include Triage review, the importance of Triage (from a responder stand point, and a legal standpoint), who should be assigned as a Triage Officer and information about the deposition/trial process. There will also be time included for Q&A/discussion

C12: “U.S AIRWAYS, NOT JUST FOR THE SKIES”

By: MARK WARTH, BHS, NRP

Presentation Description:

Sometime in our careers as EMS professionals we have been involved or have

contributed to the death, demise, or disability of a patient through poor airway management. Through this lecture we will talk about the mistakes and pitfalls of airway management, gaining knowledge and experience through discussion.

“Experience is that marvelous thing that enables you to recognize a mistake when you make it again”. -- Franklin P. Jones

Breakout Session 10:30am – 11:30am

C13: “YOUTH SUICIDE, A GROWING PROBLEM”

By: KIRK MITTELMAN, M.Ed., NREMT-P

Presentation Description:

You are dispatched to an attempted suicide, upon arrival you find a 12-year-old male has multiple lacerations on his arms and wrists. What drives kids at such a young age to suicide? Have you ever thought maybe you could have done more to help? In this session we will look at youth at risk, youth suicide and the effect it has on family members and providers. We will discuss the warning signs of suicide and how to deal with someone who is threatening suicide. Kirk asks that you come with an open mind to this session and be prepared to face your deepest fears to help us all solve a growing problem.

C14: “NEONATAL RESUSCITATION”

By: SAHAJ KHALSA

Description of Presentation:

An interactive discussion based on a real neonatal resuscitation call, encouraging students to share their treatment plans, priorities, communication with parents and

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neonatal physiology. The discussion will also cover med/legal issues, ethics and neonatal resuscitation research. Appropriate for all levels of prehospital provider

C15: “EMS: NOT JUST A JOB, IT’S AN ADVENTURE”

By: FIDEL GARCIA, EMT-P

Presentation Description:

The amount of time you put in, is not as important as the experience of the journey you traveled”. During the last 35 years I have been exposed to a virtual plethora of learning experiences. Take a walk with me through my successes and failures, trials and tribulations, happy times and sad times, good situations and bad situations and finally all the changes that have occurred in EMS over that span of time.

11:30am – 1:30pm

**AWARDS
LUNCHEON
/ MARRIOTT
PAVILLION**

Breakout Session 1:30pm – 2:30pm

C16: “THE DAY THE BLUE BLOATER MET THE PINK PUFFER”

By: CHRISTOPHER EBRIGHT, B.Ed., NRP

Presentation Description:

One of the most common calls to which an EMS provider responds is the classic “shortness of breath”. While there are many causes behind this chief complaint, this presentation focuses upon the 2 main types of COPD and how they are different, yet

similar. Bronchitis Betty and Earl the Emphysema are waiting to meet you!

C17: “EMS CULTURE OF SAFETY: WHAT IS IT AND WHY SHOULD I CARE?”

By: SAHAJ KHALSA

Description of Presentation:

The Institute of Medicine’s hallmark report, “To Err is Human”, which was published in 1999, found that medical errors kill nearly 100,000 people each year. It recommended a number of steps be implemented in medicine to reduce this number. In the decade and a half since the report, what has changed? How much have we improved? Have we improved at all? This presentation will discuss the current state of medical mistakes and introduce some best practices from other industries that have been proven successful. Participants will leave with a better understanding of their role and responsibilities in improving our Culture of Safety in EMS. Appropriate for all levels of prehospital provider

C18: “ACLS FOR BLS”

By: MARK WARTH, BHS, NRP

Presentation Description:

Why should paramedics have all the fun? Heart disease is the number one cause of death in the United States. So it is a fair assumption that EMS personnel will see a good number of these patients. In an acute coronary syndrome situation “time is muscle”, therefore the more knowledge you have on the disease the faster you can recognize the process and begin appropriate treatment. This course breaks down the foundations of ACLS that is easily applied to the BLS level

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Vendor / Networking Break 2:30-3:00pm

Breakout Session 3:00pm – 4:00pm

C19: “I MISSED THE WARNING SIGNS, WILL YOU?”

By: **KIRK MITTELMAN, M.Ed., NREMT-P**

Presentation Description:

The call comes out, “Shots Fired!” from your partner. You are the one that has been shot, what now? During your career facing death will be a part of everyday life. But we commonly think of it in terms of someone else dying. What if you are facing an armed patient, how will you react? Will you see the warning signs of a violent patient? If you miss them, it could mean your life. Join Kirk as he uses his unique brand of humor and candor to share his personal experience with being shot and what to do if things go wrong.

C20: “INFECTION CONTROL AND PREVENTION FOR EMERGENCY RESPONDERS”

By: **ALEX WALSER, M.S., M.A., NREMT**

Presentation Description:

This program looks at the role of infectious disease control (IDC) in EMS. Topics included are basic biology, public health, epidemiology, PPE, disinfection & disease prevention. Participants will leave with an increased knowledge about infectious diseases that will protect both EMS worker & patient

C21: “NARCOTIC OVERDOSE TREATMENT MYTHS AND REALITY”

By: **SAHAJ KHALSA**

Presentation Description:

With EMS opinion makers writing articles with titles like “Narc-ing on Narcan” and “Naloxone, The Most Abused Drug in EMS” and a current spike in the rates of narcotic use in the country, we’re seeing a perfect storm of misinformation that may be dangerous to our patients. This discussion will review the evidence surrounding narcotic overdose treatment. Is Narcan really a dangerous medication? Does it really cause violence? Seizures? Should we restrain our patients prior to administering it? Should families be administering it to known narcotic abusers? This presentation will use the latest research to discuss potential pitfalls and risks of widely accepted narcotic overdose treatment algorithms. Appropriate for all levels of prehospital provider.

Breakout Session 4:00pm – 5:00pm

C22: “THE OTHER THREE STOOGES”

By: **CHRISTOPHER EBRIGHT, B.Ed., NRP**

Presentation Description:

Everyone knows Larry, Moe and Curly, but what about their medical counterparts? Beck, Virchow and Cushing all became famous for their breakthrough in identifying life-threatening signs and symptoms. This presentation will review what to look for in a patient suffering from cardiac tamponade, pulmonary embolism and increasing intracranial pressure.

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C23: “SPECIAL NEEDS CHILDREN”
By: **SCOTT WILSON**

Description of Presentation:

How to work with children that have mental, medical and social concerns that often times makes treating them difficult and intimidating.

C24: “CPR: NOT TOO HARD, NOT TOO FAST: THE SCIENCE BEHIND CPR”
By: **FIDEL GARCIA, EMT-P**

Presentation Description:

Once again it is time for the New Guidelines from AHA. This lecture will discuss the scientific rationale and evidence supporting the important CPR metrics of compression rate, depth, release, CPR fraction and ventilation along with their potential impact on outcome.

SATURDAY JULY 30, 2016

8:00am – 2:00pm **Conference Exhibits Opens**

General Session IV 8:00am – 9:00am
“COMMUNITY EMS / MOBILE INTEGRATED HEALTH IN NM PANEL”
By: **SEAN HAAVERSON, BAAS, PARAMEDIC**

Presentation Description:

A brief presentation on the current state of Community EMS/ Mobile Integrated Health Care in New Mexico followed by a panel of

innovators currently moving this new professional specialty forward.

Vendor / Networking Break 9:00am-9:30am
Breakout Session 9:30am – 10:30am

C25: “STRATEGIC NATIONAL STOCKPILE CHEMPACK”
By: **JOHN MILLER, STRATEGIC NATIONAL STOCKPILE & SHELLY ELLAND, STRATEGIC NATIONAL STOCKPILE**

Presentation Description:

The CHEMPACK is a Strategic National Stockpile asset that is prepositioned in facilities throughout the state for rapid deployment to intentional or accidental nerve agent or organophosphate spill or release. This overview presents an understanding of the contents of the CHEMPACK, its use and deployment procedures. This is critical information for Department of Public Safety, Fire and EMS field responders and hospital emergency department staff.

C26: “THE MIRACLE OF LIFE...ALMOST”
By: **CHRISTOPHER EBRIGHT, B.Ed., NRP**

Presentation Description:

Luckily, most pre-hospital deliveries involve a catch, suctioning and warming the newborn. Sometimes though, Murphy’s Law gets in the way - resulting in a complicated birth. Topics including placenta previa, abruption placenta, shoulder dystocia, CPD and breech birth are explained in this not-always-necessary-but-essential-to-know presentation.

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C27: “BCSO BCFD METRO AIR SUPPORT UNIT”

By: **MATTHEW A. KING, PARAMEDIC/FIREFIGHTER**

Presentation Description:

We would like to present on our unit capabilities in regards to SAR and firefighting.

Breakout Session 10:30am – 11:30am

C28: “THE FINAL ACT”

By: **SEAN HAAVERON, BAAS, PARAMEDIC**

Presentation Description:

Medicine trains its providers to save lives. In fact, the entire US health system, from money to buildings, focuses on life saving. Despite all our best tools, patients die. EMS Providers are often unprepared to help patients experience their last moments as we are working hard at keeping them from dying. Let’s discuss what it means to die, what patients show us and what they may experience in their last moments and identify some skills for our wellbeing in their last act.

C29: “UTILIZATION OF CANINES IN SEARCH AND RESCUE, AKA SO THE DOGS HAVE SHOWED UP IN BASE CAMP, NOW WHAT?”

By: **MARY BERRY & CINDY OLIVER**

Presentation Description:

This course will describe the various disciplines of dogs used in Search and Rescue, and how to best utilize them as a resource on Search and Rescue (SAR)

missions. Emphasis will be placed on the capabilities of the canines, and appropriate search assignments for canine teams by Incident Command staff. Scenario based discussions will occur as time allows.

C30: “OXYGEN: WHY IT MAY NOT BE THE PANACEA YOU THINK”

By: **RUEBEN FARNSWORTH, NREMT – PARAMEDIC, CCP-C (BCCTPC)**

Presentation Description:

For years, the theory on oxygen has been, “If a little is good, more is better”. New research is showing us that this may not be accurate. We will examine some of the latest science on oxygen administration and talk about the pathophysiology of oxygen toxicity and the ensuing effects on the body.

General Session V 12:00pm – 1:00pm

“WHY DO WE EAT OUR YOUNG”

RUEBEN FARNSWORTH, NREMT – PARAMEDIC, CCP-C (BCCTPC)

Presentation Description:

A look at common hazing practices in EMS. We will talk about the culture of “breaking in a rookie”, hazing, and the ways that we often discourage new providers. Prepare yourself for some laughs as you encounter Reuben’s unique brand of EMS Poetry. Prepare for some personal introspection as well. If you are ready to change the way we encourage new EMS providers, come and join the fun.

For more information and clarity contact:

Leah Boone, Conference Coordinator
(505) 879-7782 / lboone218@gmail.com

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