

# Interior Region EMS Council, Inc.

## 25th Annual EMS & Clinical Symposium

March 27th to March 30th, 2019 at the Wedgewood Resort

It's that time again! The symposium will be held at the **Wedgewood Resort, 212 Wedgewood Drive, Fairbanks**. If you have never attended one of our symposiums you are missing out! The event offers a great opportunity to earn Continuing Medical Education (CME), Nursing CE, check out the latest equipment with exhibitors, and visit with friends and peers. We have plenty of quality presentations designed to interest all levels of EMS providers. So please, mark your calendar and don't forget to pre-register to ensure your spot at this spectacular event!

### REGISTRATION

Registration for this year's symposium is online. Go to our website at [www.iremasc.org](http://www.iremasc.org). If you are unable to complete online registration, or you want to pay for a group of registrants, contact IREMASC, 907-456-3978. You can register online up to the day before classes. There will also be registration at the door for symposium those unable to pre-register.

### Inside this Issue

Pre-Symposium	2-6
Blood Drive	7
Awards	8-9
Award Nomination Form	9
Awards Reception	10& 16
Symposium Schedule	11&13
Topic Summary	12&14
Annual Membership Meeting	15
Pricing	17

### HOTEL

For our out of town guests, reservations for the Wedgewood Resort can be made by calling **907-452-1442**. Our special rate is \$70.00 + tax for a single plus \$10.00 each additional guest. Mention group code IEMS319.

### SYMPOSIUM BLOOD DRIVE

See attached flyer for information on this years Symposium Blood Drive. Be sure to visit the Fairbanks Blood Bank and help your community by contributing to our 10 gallon goal! Prizes will be given out to the service with the most donations!

### AWARDS NIGHT

Come join us for our 1st annual awards night. There will be appetizers and a no host bar. Please bring your family and join us for a wonderful evening celebrating our extraordinary providers; the winners of IREMASC's Regional Awards.

### FOOD

Refreshments will be provided during the morning and afternoon sessions and lunch will be provided Friday and Saturday during Symposium.

### Pre-Symposium Workshops

#### March 27th and 28th

#### **Topics include:**

- Stroke Assessment
- Challenging Medical Cases
- Advanced Airway Workshop
- Resuscitation Academy
- Pediatric Workshop



# Stroke Assessment



When you were in school did you ever learn that there were 5 distinct stroke syndromes? Did you learn how to assess for them? Most have learned the Cincinnati Prehospital Stroke Scale but this exam only picks up 2 of the 5 syndromes. This class educates on the 5 major syndromes and acquaints the participant with the MEND exam that will pick up all 5.

**Instructor: Alice “Twink” Dalton, RN, MS, CNS, NRP**

**Location: IREMSC**

**Cost: \$50**

**Date: March 27th**

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

# Challenging Medical Cases



Responding to a medical call is always a bit challenging. We know it may not be possible to always find the answer in the pre-hospital setting. The more information we gather will allow us to take care of our patient better. With Critical Care Paramedic (CCP) becoming a more prevalent certification, we need to know more and be more in tune with diagnostic findings. This presentation will incorporate diagnostic findings, pathophysiology and clinical reasoning skills to develop a treatment plan for our patient. Actual case scenarios will be presented and worked in an interactive class session.

## **Objectives:**

**By the end of this lesson, the student will be able to:**

- **Incorporate clinical reasoning skills into their treatment plan.**
- **Develop a treatment plan for compromised patients.**
- **Identify and use diagnostic findings.**

**Instructor: Fidel Garcia, EMT-P**

**Location: IREMSC**

**Cost: \$50**

**Date: March 27th**

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

# Advanced Airway Workshop

## “Advanced Airway Day the Alaskan Way”



Using small-group instruction and hands-on skills practice, participants will learn:

- An easier method for identifying a difficult airway
- How to build a “Tower of Power” for effective ventilation
- How to perform the “SALAD” technique to decontaminate the airway
- Tips and tricks for direct and video assisted Laryngoscopy
- Sedation strategies for long distance transports
- Alternate airway techniques (including supraglottic devices and nasal intubations)
- How to perform a simple finger thoracotomy
- How to perform a “one-and-done” cricothyroidotomy

First priorities in emergency patient management... Secure the airway, then optimize oxygenation and ventilation. Securing that “A” in ABCs doesn’t always come easy—but it doesn’t have to be hard if you have the right tools for the job. What is DASH-1A and why does it matter? How do we avoid the HOP killers (no, we don’t mean bunnies in a pot). This interactive pre-symposium workshop gives responders of all levels the tools you need to do the job right. Live skills training will include working with pig tracheas and human patient simulators. Special considerations for pregnant patients and neonatal patients will also be included.

**Instructors: Jill Swope, RN, MSN, Flight Nurse/Paramedic  
John Singer, MICP, NRP**

**Location: Steese Station 2  
585 Steele Creek Rd**

**Cost: \$100**

**Date: March 27th**

**Time: 8:30-5:30**

# Resuscitation Academy



## RESUSCITATION ACADEMY

A foundation committed to improving cardiac arrest survival rates

It's no secret that Seattle has demonstrated some of the highest survival rates from out of hospital cardiac arrest for decades. The Resuscitation Academy (RA) is the outgrowth of the requests from around the world to the Seattle King County EMS system for the "secret" to their success. The Academy highlights the lessons learned on how to transform a community into a "high performer". As they say, the lessons are simple but they're not easy. They are, however, achievable and we will provide education on how to take the 10 steps to better outcomes. Additionally, there will be hands-on training, to build skills and learn to teach the stepwise mastery of high performance CPR.

**Instructors: Dr. Levy**

**Location: FMH**

**Cost: \$100.00**

**Date: March 28th**

**Time: 8:00-5:00pm**

**Faculty from the Resuscitation Academy as well as local experts will come together for this special event. They will be providing an intense in-depth one-day version of the Resuscitation Academy. This focused event has been designed to develop knowledge and champions for improving cardiac arrest survival rates locally, statewide and in our own healthcare facilities. Questions will be encouraged, along with information sharing with a goal of generating more interest in communities across the State of Alaska.**

# Assessing and Treating The Pediatric Patient



The call for a pediatric patient is always unnerving. How do we identify quickly if your patient is critical? Using case presentations we will work to identify the problem, determine the severity and initiate interventions to prevent patient deterioration. This presentation will cover medical emergencies – children with special needs – non accidental trauma – cardiac emergencies. A portion of this class will be running scenario's so everyone can practice their skills.

## Objectives:

**By the end of this lesson, the student will be able to:**

- Utilize the P.A.T. approach to patient assessment.
- Identify patient problem using an organized patient assessment.
- Use a simple formula to manage drug administration for the pediatric patient.
- Apply BLS management for the sick pediatric patient.

**Instructor: Fidel Garcia, EMT- P**

**Location: IREMSC**

**Cost: \$100.00**

**Date: March 28th**

**Time: 8:00-5:00**

# 2nd Annual IREMSC Symposium Blood Drive

**When:** February 15-March 15, 2019

**Where:** Blood Bank of Alaska  
Fairbanks Center

Call for hours: 907.456.5645

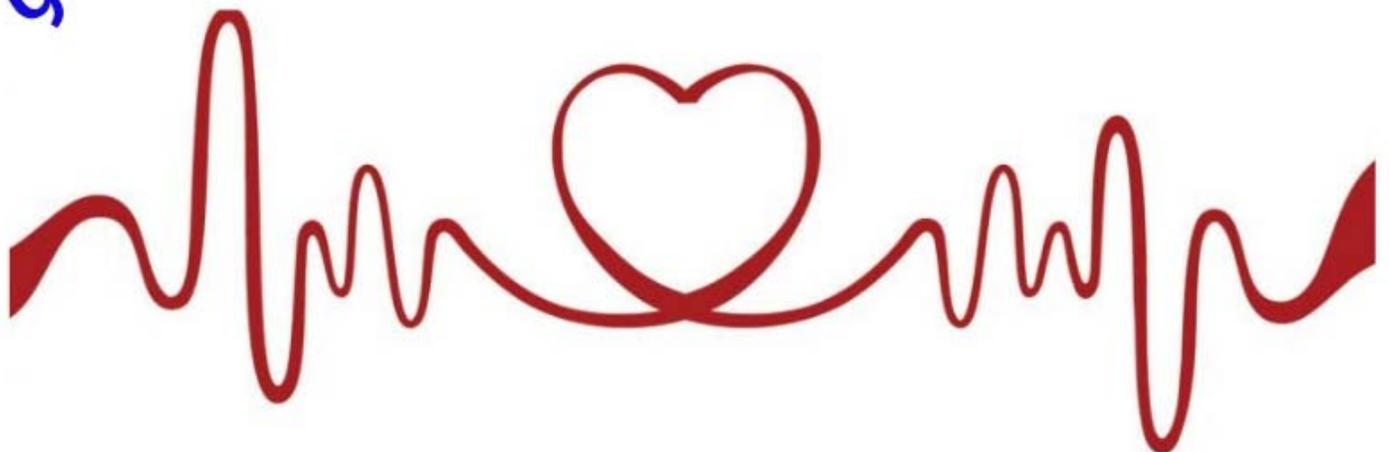
*Only  
takes  
about 1  
hour!*



**Why:** Support your favorite local EMS providers and help **SAVE LIVES** in your community!

- 1) Donate blood (walk in or make an appointment)
- 2) Choose which EMS squad you want to support when you check in
- 3) The squad with the most "donations" will get an award at our 25th Annual EMS Symposium
- 4) You don't have to be a member of a department to donate in their name.

**GOAL:** 10 gallons (1 pint=1 donor; 8 pints=1 gallon)



# AWARDS

Every one of our Emergency Medical Services personnel deserve recognition. Our Annual EMS Symposium Award Ceremony gives you and IREMSC the opportunity to salute EMS providers who have made outstanding contributions to their community and fellow Alaskan citizens. The award ceremony will be held Friday, March 29th, 2019 from 6:00-8:30 PM.

Below are the award categories that will be presented. If you know of a person or group who you feel deserves such an award, please fill out the enclosed award nomination form and mail, email to [director@interioremscouncil.org](mailto:director@interioremscouncil.org), or drop it off at our office **no later than March 2, 2019**. [Type-able nomination form available at www.iremsc.org](http://www.iremsc.org).

## **MEDICAL DIRECTOR OF THE YEAR**

This award recognizes the physician who exemplifies leadership and dedication to the EMS systems and through his/her efforts, has favorably impacted the Interior Alaska EMS System.

## **PRE-HOSPITAL PROVIDER OF THE YEAR**

This award recognizes outstanding achievement by a volunteer or paid EMS provider, a provider who distinguished himself/herself by performing exceptionally meritorious life saving skills or who made significant contributions to the improvement of the EMS system in his or her area.

## **EMS SERVICE OF THE YEAR**

This award recognizes the outstanding contribution of a First Responder, Ambulance, Fire or Rescue organization in providing emergency pre-hospital care or in EMS system support, above and beyond it's normal responsibilities.

## **EMS EDUCATOR OF THE YEAR**

This award recognizes an EMS Educator who displays initiative, leadership, and dedication to EMS training and through his or her efforts has helped to improve the Interior Alaska EMS System.

## **SPECIAL ACHIEVEMENT AWARD**

This award is intended for an individual who deserves recognition for something that might not fit into the other categories. Examples include an outstanding event, life saving procedure, a special service performed for the community, or even a long history of service.



# Interior Region EMS Council Inc.

## Award Nomination Form

Nomination for: (please mark appropriate box)

- Medical Director of the Year**       **Pre-Hospital Provider of the Year**  
 **EMS Service**     **Educator of the Year**     **Special Achievement**

Nominee's Name: \_\_\_\_\_

Today's Date: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

Phone # : \_\_\_\_\_

E-Mail Address \_\_\_\_\_

Certification Level:

ETT EMT-I EMT-II

Agency: \_\_\_\_\_

EMT-III Paramedic

Other:

In 500 words or less describe the Nominee's role/duties and why this person is being nominated:  
Attach additional pages if needed.

Your Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone and E-mail \_\_\_\_\_

Please email, mail, or fax this form to:

Interior Region EMS Council, Inc.

2503 18th Avenue

Fairbanks, AK 99709

Phone: (907) 456-3978 Fax: (907) 456-3970



SAVE THE DATE

03.29.19

- FOR -

1ST ANNUAL IREMSC  
SYMPOSIUM AWARDS  
NIGHT

Wedgewood Resort  
@ 6:00-8:30 pm  
No host bar with  
appetizers provided

Please RSVP through the doodle poll at the  
address listed below prior to 2/28/19

<https://doodle.com/poll/eh5q6y2yyka7wetz>

Bring your spouse and family to  
celebrate the IREMSC Sponsored Award  
winners with us.

## Symposium at a Glance –Friday, March 29th, 2019

**8:00 - 8:30 AM    REGISTRATION & REFRESHMENTS**

**8:30 - 9:00 AM    Introduction & Welcome**

**9:00 - 10:30 AM    Dr. Levy Keynote Presentation “Advances in EMS”**

**10:30 - 10:45 AM    BREAK**

**10:45 - 12:00 PM    Town Hall Meeting with State EMS Office, Heidi Hedberg & Todd McDowell**

**12:00 - 1:00 PM    LUNCH BREAK**

**1:00 - 2:30 PM    Septic Shock: A Tale of Two Brothers, Fidel Garcia, EMT-P**

**1:00 - 2:30 PM    Easy Endocrine, Kinzea Jones, MICP**

**2:30 - 3:00 PM    BREAK**

**3:00 - 4:30 PM    Pediatrics: Rashes, Fevers and Kawasaki’s Disease, Alice “Twink” Dalton, RN, MS, CNS, NRP**

**3:00 - 4:30 PM    Let’s get Innovative with the Vacuum Mattress!, Jenny Brown , MICP**

**4:30 - 5:45 PM    IREMSC ANNUAL MEMBERSHIP & BOARD OF DIRECTORS MEETING**

**6:00 - 8:30 PM    AWARDS RECEPTION**

## Topics Summary Friday, March 29th

### **Keynote Address: Advances in EMS**

Where are we going in the world of Alaska EMS? Many changes have occurred over the past 46 years in Alaska EMS, so what does the future hold? Dr. Levy, the State Medical Director, will share his vision of the future for Alaska services and providers and how we can better collaborate with the health care system as a whole.

### **Town Hall Meeting with the State EMS Office**

Join us and help shape the future of EMS. This is your opportunity to share your ideas on how to build a stronger more unified EMS system with the Todd McDowell, State EMS Office Manager and Heidi Hedberg, Chief, Rural Community Health Systems. This is a collaborative opportunity you don't want to miss. Topics will include but are not limited to: retention and workforce development, financial sustainability, new statewide prehospital programs, licensing/certification, data, EMS Statewide Assessments. Come share your ideas on how we can move the system forward together. They will be actively seeking your input. Bring your questions & ideas.

### **Septic Shock: A Tale of Two Brothers**

“A Rude Unhinging To The Machinery of Life” is a realistic definition for shock. We will review the primary types of shock with emphasis on septic shock. From an inside perspective we will use cases that show the stages and severity of septic shock, and why it is important to identify and treat it early and aggressively.

### **Easy Endocrine**

Breaking down the basics and finally understanding the hardest body system you never learned in school. This presentation will be a basic course designed for pre hospital providers to easily recognize and treat endocrine emergencies. All those terms you vaguely remember but never mastered like thyrotoxicosis, HHNK, Cushing's disease and more will be broken down and presented.

### **Pediatrics: Rashes, Fevers and Kawasaki's Disease**

This presentation capitalizes on the use of the pediatric assessment triangle and relates it to recognizing the pediatric patient who may have a rash and fever. Reviewing what a rash looks like and what should cause a “red flag” is also discussed. This presentation ends with several case studies.

### **Lets get Innovative with the Vacuum Mattress!**

Vacuum mattresses and splints have been a common tool for the EMT for many years. In this class we will encourage you to “think outside the supine patient box” and be creative using this tool. Come ready to brainstorm and be innovative as we explore different applications of the vacuum mattress.

## Symposium at a Glance –Saturday, March 30th, 2019

**8:30 - 10:00 AM** Are You Ready for the Big One?, John Singer, RN, CFRN, Flight Ninja

**8:30 - 10:00 AM** EMS and the Active Killer, Marc Dumas, MD, FACEP, FAAEM

**10:00 - 10:30 AM** BREAK

**10:30 - 12:00 PM** CO Poisoning, With/Without Thermal Burns, Alice “Twink” Dalton, RN, MS, CNS, NRP

**10:30 - 12:00 PM** Extreme Asthma, Maria Mandich, MD

**12:00 - 1:00 PM** LUNCH

**1:00 - 2:30 PM** The Placebo Effect Isn’t a Trick! Your Unexpected Influence on Patient Outcomes, Travis Cruse, RN, NR-P, CEN, CFRN, FP-C

**1:00 - 2:30 PM** Stop the Bleed: Brad Paulson, Executive Fire Officer/ EMT 3

**2:30 - 3:00 PM** BREAK

**3:00 - 4:30 PM** Neuroendocrine Response to Shock, Fidel Garcia, EMT-P

**3:00 - 4:30 PM** Twenty-Five NEW Speed Dates with an Emergency Pharmacist, Jillian Swope RN, MSN, CFRN, NRP Flight Ninja

## Topics Summary Saturday, March 30th

### Are you Ready for the Big One?

This session is intended to increase participants' abilities to establish framework to assess and manage multiple casualty incidents. While most EMS systems focus on the "big one", this program focuses on what EMS encounters on a day to day basis. Participants will be given an opportunity through focused presentation, group sessions, table top exercises and hands on practical application to develop the knowledge and skills necessary to better manage small to medium scale multiple casualty incidents that saves lives and strengthens the ability to expand daily practices to better prepare for inevitable Mass Casualty Incident.

### EMS and the Active Killer

Just pick up a newspaper, turn on the TV, or check your online news feed: The US (and world) is beset by active killing events. These all-too-common occurrences pose new and substantial challenges to EMS agencies. This lecture will examine the new threat matrix and explore the unique circumstances into which EMS personnel are expected to operate.

### CO Poisoning, With/Without Thermal Burns

This presentation reviews the characteristics of thermal burns, including those who may have suffered CO and HCN exposure during the event, and reviews recognition and appropriate treatment, utilizing correct procedures and techniques.

### Extreme Asthma

Over 24 million Americans live with Asthma everyday. In this lecture, we will discuss the symptoms including coughing, wheezing, shortness of breath, and tightness in the chest. As well as the treatment options available including medications, non-invasive positive pressure ventilation and considerations regarding the decision to intubate.

### The Placebo Effect Isn't a Trick! Your Unexpected Influence on Patient Outcomes

The placebo effect has been recognized in medical literature since at least the late 18th century and has been a major consideration in medication trials since the mid-twentieth century. Modern medicine tend to view placebo effect as hindrance to research and as such has taken an adversarial stance towards this little understood phenomenon. More recently, research has identified that the so-called placebo effect may cause actual physiological changes in patients and have a very real effect on their outcomes and wellbeing. As well-rounded clinicians we should strive to understand these effects and determine if we can ethically capitalize on them to improve patient outcomes.

### Stop The Bleed

This presentation will follow the "Stop the Bleed" program curriculum supported by the American College of Surgeons Committee on Trauma, the Hartford Consensus, the Committee on Tactical Combat Casualty Care, and the National Association of Emergency Medical Technicians. With the amount of "Active Shooter" and other hostile events occurring in our nation, being prepared for such an event is paramount. In this session, students will learn the basics of trauma care where "bleeding control" is at the forefront. This class will be designed to introduce the public access "Stop the Bleed" program that is being implemented in the Fairbanks North Star Borough to emergency responders. This will be a combination of lecture and hands- on learning. Students will leave this course knowing how to properly "pack a wound", apply a tourniquet, and apply a chest seal. Come to this interactive class and learn how to STOP THE BLEED and SAVE A LIFE.

### Neuroendocrine Response to Shock

Using a case presentation we will explore the neuroendocrine response to shock. Learn how to correlate your patient's signs and symptoms with the stage of shock they are in. This is an in depth look at the pathophysiology behind shock and how to treat your patient effectively.

### Twenty-Five NEW Speed Dates with an Emergency Pharmacist

Get ready, Fairbanks! It's time to play the newest edition of the emergency medicine speed dating game. This fast-paced, audience-driven presentation gives you the down and dirty on the 25 Best EMS Drugs of 2019. Dress up in your finest evening wear and get ready to put your pharmacology knowledge to the test against teams of fellow BLS and ALS responders. Come learn a little, laugh a lot and have some fun as we close out this year's symposium with pharm news you can use to improve patient safety and clinical outcomes. All levels of responders are welcome to attend!

# ANNUAL MEMBERSHIP MEETING

4:30 - 5:45 PM



Community Service Representatives & Community members are encouraged to attend the annual meeting. Don't miss this! **Friday, March 29th, at 4:30 PM.** This meeting is for you to share any EMS concerns or gripes, meet your IREMSC Board members, and elect your own representatives to the Board!

# ANNUAL AWARDS RECEPTION

6:00 - 8:30 PM



2018 IREMSC Award Winners

IREMSC sponsors Awards for outstanding Providers, Services, Medical Directors, and Educators. This year, these awards will be presented at a reception to be held right after the membership/Board of Directors Meeting at Wedgewood Resort in their Borealis Ballroom. Appetizers will be provided as well as a no host bar for your favorite beverage. See flyer for RSVP Info.

# PRICING

## FEES

### Symposium Registration

Full 2-Days-Pre-Hospital Provider ( <i>ETT, EMT, Paramedic, etc.</i> ).....	\$100.00
Full 2-Days-Clinical Health Care Provider ( <i>RN, PA, Physician, etc.</i> ).....	\$130.00
Full 2 Days-EMS or Nursing Student.....	\$50.00

### 1-Day Symposium Registration

Pre-Hospital Provider ( <i>ETT, EMT, Paramedic, etc.</i> ).....	\$50.00
Clinical Health Care Provider ( <i>RN, PA, Physician, etc.</i> ).....	\$65.00
EMS or Nursing Student.....	\$25.00

### Pre-Symposium Classes

Stroke Assessment 3/27: 8-12.....	\$50.00
Challenging Medical Cases 3/27: 1-5.....	\$50.00
Advanced Airway Workshop 3/27: 8-5.....	\$100.00
Resuscitation Academy 3/28: 8-5.....	\$100.00
Pediatric Workshop 3/28: 8-5.....	\$100.00

# 25th Annual EMS Symposium



2503 18th Avenue  
Fairbanks, AK 99709

Phone: 907-456-3978

Fax: 907-456-3970

E-mail:

[kjohnson@interioremscouncil.org](mailto:kjohnson@interioremscouncil.org)

[jharding@interioremscouncil.org](mailto:jharding@interioremscouncil.org)

*Register online at [www.iremsc.org](http://www.iremsc.org)*