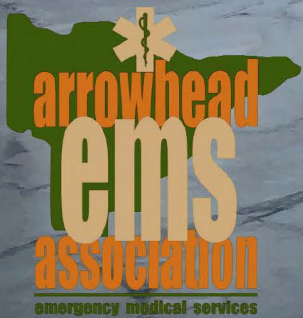


*"Going the Distance for EMS"*

39<sup>TH</sup> ANNUAL

# Arrowhead EMS Association Conference & Expo

JANUARY 23 – 27, 2019



# WELCOME

39TH ANNUAL ARROWHEAD EMS CONFERENCE & EXPO

The staff at Arrowhead EMS Association would like to personally welcome each of you to the 39<sup>th</sup> Annual Arrowhead EMS Conference and Expo. It's an exciting time as we continue to grow, remaining always adaptable, motivated and open to new ideas.

Our objective is to provide Emergency Medical Services personnel with applicable knowledge to better manage, treat, and assess various traumatic and medical-related emergencies, and to provide the tools to continuously improve the overall management of services.

Please find everything you need in our newly designed conference booklet. If you have any questions, please come see us at the walk-in registration area.

## ATTENDEE BOOKLETS INCLUDE:

Evaluation Instructions	Presenter Information
Presentation Information	Expo Map
Exhibitor Information	AND MUCH MORE!
Certificate of Attendance Card	

## Here are a few important items to know during our conference and expo:

- Your attendee ID Badge will be your entrance key into all conference & expo events, including classes, lunch, exhibitor areas and special events. You will be provided instruction on how to enter the prize drawings held throughout the conference. Visit the Arrowhead EMS Association booth in the expo hall for more details. Prizes are generously donated by area businesses, sponsors, exhibitors and Arrowhead EMS Association.
- At the end of each session you will receive a CEU label to place on your "Certificate of Attendance" card located in this booklet.
- Please visit the exhibitors in South Pioneer Hall during breaks and meals. Expo opens at 7:00 am on Friday and Saturday with a continental breakfast.
- Registration includes lunch. Additional lunch meal tickets must be purchased for \$15 at the walk-in registration desk.
- And as always, out of respect to others and the presenters, please either turn off cell phones/pagers or set to silent/vibrate mode.

Finally, we thank you all for attending and bringing your expertise to our conference. You are truly our greatest asset and we could not accomplish what we do without your participation. We sincerely hope you will enjoy the next several days of sessions and networking.

Sincerely,

*Adam Shadiow, Sarah Zayas, Pam Kuschner, Jo Thompson, and Caitlin Korpi*

# EXPO-SOUTH PIONEER HALL

## EXPO HOURS:

**Friday: 7:00 am – 3:00 pm**

(7:00 – 8:00 am Continental Breakfast with Exhibitors)

**Saturday: 7:00 am – 3:00 pm**

(7:00 – 8:00 am Continental Breakfast with Exhibitors)

## ID BADGES REQUIRED:

**\$25.00 Expo Only ID Badge available**

### **AEMSA CONFERENCE & EXPO PLANNING TEAM**

**Sue Bengtson**

Essentia Health EMS

**Jeff Cartwright**

Blackhoof Fire Department

**Rob Devin**

Essentia Health – Deer River

**Geoffrey Galaski**

Ely Area Ambulance Service

**Charles Gallet**

Arrowhead CISM Team

**Lucas Goodin**

Cromwell-Wright Fire & Ambulance

**Marlyn Halvorson**

Itasca County Sheriff's Office

**Caitlin Korpi**

Arrowhead EMS Association

**Pam Kuschner**

Arrowhead EMS Association

**Mike McNulty**

Moose Lake Police Department

**Nathan Myers**

International Falls Fire & Ambulance

**Janina Raschke**

St. Joseph's Area Health Services

**Amy Saylor**

Life Link III

**Adam Shadiow**

Arrowhead EMS Association

**Jo Thompson**

Arrowhead EMS Association

**Nicci Trierweiler**

Kerrick Fire & Rescue

**Sarah Zayas**

Arrowhead EMS Association

## SAVE THE DATE

**40<sup>th</sup> Annual  
Arrowhead EMS Association's  
Conference & Expo  
January 22 – 26, 2020**

## WE VALUE YOUR OPINION

Thank you for attending Arrowhead EMS Association's  
39th Annual Conference & Expo.

**Please help us maintain a quality conference &  
expo by taking a few moments to complete  
your online evaluation.**

**[www.goingthedistanceforems.com](http://www.goingthedistanceforems.com)**

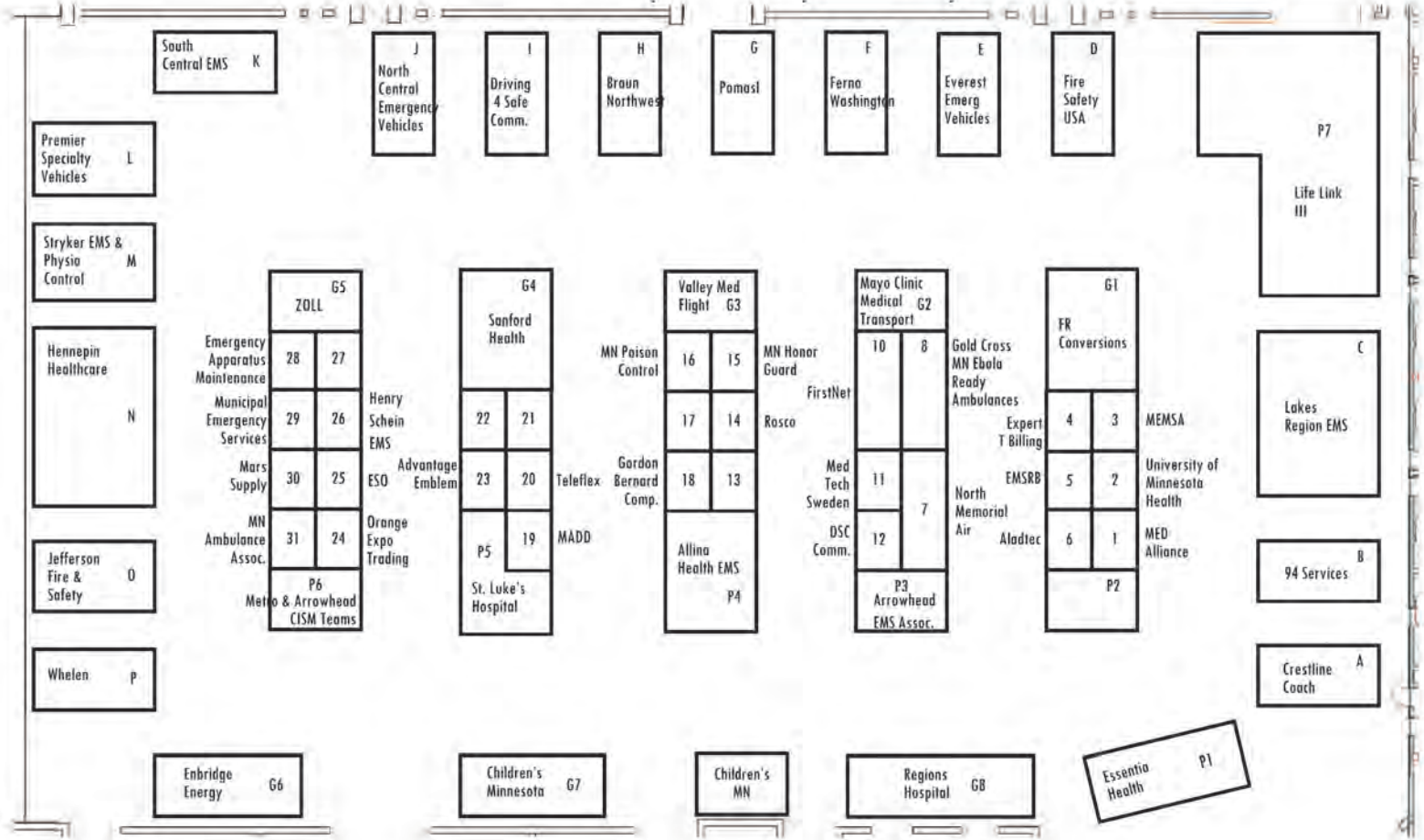
## YOU'RE THE BEST OF THE BEST

**Arrowhead EMS Association Conference & Expo Team  
would like to express our sincerest appreciation to...**

our Volunteers, our Medical Director, Dr. Gary Foley,  
and our Board of Directors:

President Sue Bengtson, Vice President Steve DuChien,  
Secretary Rob Devin, Treasurer John Strange, Dan Dlamon,  
James Ducharme, Geoffrey Galaski, Lucas Goodin, Marlyn  
Halvorson, Erik Jankilla, Nathan Myers, Joe Newton, Stan  
Sadenwasser, Amy Saylor, Pete Walsh,

# 39TH ANNUAL ARROWHEAD EMS ASSOCIATION EXPO FLOOR MAP



**B 94 Services Inc.**  
*Life Line Ambulances*  
**Joe Kounkel**  
 PO Box 70/118 Oakwood Drive East  
 Monticello, MN 55362  
 Phone: 763-295-5110  
 Ambuboy911@94Services.com

**23 Advantage Emblem**  
*Apparel Screen Printing, Embroidery,  
 Custom Patches and Pins*  
**Aryannah Bentley**  
 4313 Haines Road  
 Duluth, MN 55811  
 Phone: 218-393-3537  
 aryanah@advantageemblem.com

**6 Aladtec**  
*Software*  
**Nancy Newton**  
 387 Arrow Court, Suite 101  
 River Falls, WI 54022  
 Phone: 888-749-5550  
 nancy@aladtec.com

**P4 Allina Health EMS**  
*EMS*  
**Matt Miron**  
 167 Grand Ave  
 St Paul, MN 55102  
 Phone: 651-775-5775  
 matt.miron@allina.com

**P6 Arrowhead & Metro CISM Team**  
*Critical Incident Stress Management & Education*  
**Holly Brodt**  
 4219 Enterprise Circle  
 Duluth, MN 55811  
 Phone: 218-726-0070  
 hollybrodt320@gmail.com

**P3 Arrowhead EMS Association**  
*Northeastern Minnesota Regional EMS Program*  
**Adam Shadiow**  
 4219 Enterprise Circle  
 Duluth, MN 55811  
 Phone: 218-726-0070  
 adam.shadiow@arrowheadems.com

**H Braun Northwest, Inc.**  
*Emergency Response Vehicles*  
**Radley Heinis**  
 150 North Star Drive  
 Chehalis, WA 98532  
 Phone: 800-245-6303  
 radleyheinis@braunnw.com

**G7 Children's Minnesota**  
*Critical Care Transport*  
**James Levi**  
 CBC-3-OUT  
 5901 Lincoln Drive  
 Edina, MN 55436  
 James.Levi@childrensmn.org

**A Crestline Coach Ambulances**  
**Jeff Grasto**  
 126 Wheeler St.  
 Saskatoon, SK S7P 0A9 Canada  
 Phone: 1-306-986-5606  
 Cell: 763-486-2886  
 jgrasto@crestlinecoach.com

**I Driving 4 Safe Communities**  
*Community Non-Profit Safe Roads*  
**Allison Nicolson**  
 Essentia Health: 10 W. Trauma,  
 407 E. 3rd St.  
 Duluth, MN 55805  
 Phone: 218-786-4554  
 allison.nicolson@essentiahealth.org

**12 Duluth/Superior Communications**  
*Two-way radios*  
**Erik Humphrey**  
 711 Hammond Ave  
 Superior, WI 54880  
 Phone: 715-392-2911  
 sales@dsccommunications.com

**28 Emergency Apparatus Maintenance, Inc**  
*Repair/Service Emergency Vehicles*  
**Steve White**  
 7512 4th Avenue  
 Lino Lakes, MN 55014  
 Phone: 651-786-4463  
 Stevew@eamservice.com

**5 EMSRB**  
*State Government*  
**Melody Nagy**  
 2829 University Ave SE  
 Minneapolis, MN 55414  
 Phone: 651-201-2802  
 melody.nagy@state.mn.us

**G6 Enbridge Energy**  
*Emergency Transportation*  
**Laura Kircher**  
 119 North 25 Street E.  
 Superior, WI 54880  
 Phone: 715-395-3848  
 laura.kircher@enbridge.com

**25 ESO**  
*Medical Software*  
**Riley West**  
 11500 Alterra Parkway Suite 100  
 Austin, TX 78758  
 Phone: 866-766-9471  
 riley.west@esosolutions.com

**P1 Essentia Health EMS**  
**Amanda Van Kilsdonk**  
 421 N. 6th Ave. East  
 Duluth, MN 55805  
 Phone: 218-786-5546  
 amanda.vankilsdonk@essentiahealth.org

**E Everest Emergency Vehicles, Inc.**  
*Ambulance Sales*  
**Dave Fleener**  
8 South Owasso Blve.  
Little Canada, MN 55117  
Phone: 651-236-8947  
David.fleener@everestev.com

**4 Expert T Billing**  
*Billing Services*  
**Tiffany Schleppegrell**  
3920 13th Ave. E. Suite 6  
Hibbing, MN 55746  
Phone: 218-312-1225  
tiffany@experttbilling.com

**F Ferno Washington**  
*Medical Equipment*  
**Mark Lemieux**  
70 Weil Way  
Wilmington, OH 45177  
Phone: 612-618-5922  
m.lemieux@ferno.com

**D Fire Safe USA**  
*Ambulance & Fire Apparatus Sales and Service*  
**Mike Peck**  
3253 19th Street NW  
Rochester, MN 55901  
Phone: 507-269-7739  
mpeck@firesafeyusa.com

**10 FirstNet**  
**Rus Poser**  
612-391-5045  
rp8081@att.com

**Lobby Fisher Sportswear**  
*Clothing*  
**Frank DeFalco**  
6672 Lincoln Drive  
Philadelphia, PA 19119  
Phone: 215-755-8565  
frank@fishersportswear.com

**01 FR Conversions Inc.**  
*Ambulance Type II*  
**Denny Foerschler**  
1231 Tech Court  
Westminster, Maryland 21157  
Phone: 845-538-7718  
mginsberg@frconversions.com

**8 Mayo Clinic Medical Transport**  
*Ebola Ready Ambulance Services*  
**Michael Sveen**  
501 6th Ave. NW  
Rochester, MN 55901  
Phone: 507-273-5085  
Sveen.michael@mayo.edu

**02 Gold Cross/Mayo Clinic Medical Transport**  
*Medical Transport*  
**Glenn Lyden**  
200 First St. SW  
Rochester, MN 55905  
Phone: 507-696-8895  
lyden.glenn@mayo.edu

**18 Gordon Bernard Company**  
*Calendars/Photo Cards*  
**Rick Peterson**  
28725 Prairie Rose Ln  
Red Wing, MN 55066  
Phone: 651-388-6812  
rickpeterson@kmbw.net

**N Hennepin Healthcare**  
*Trauma and Burn Education & EMS*  
**Karie Pearce**  
701 Park Ave. MC 09  
Minneapolis, MN 55415  
Phone: 612-873-3449  
karie.pearce@hcmcd.org

**26 Henry Schein EMS**  
*EMS Supplies*  
**Bill Beetschein**  
PO Box 3227  
Irmo, SC 29063  
Phone: 800-845-3550  
shannon.booth@henryschein.com

**O Jefferson Fire & Safety**  
*Fire & EMS Equipment Sales*  
**Scott Bakos**  
7617 Donna Drive  
Middleton, WI 53562  
Phone: 952-567-1927  
sbako@jeffersonfire.com

**C Lakes Region EMS**  
*Ambulance Service*  
**Charlie Leary**  
40245 Fletcher Ave.  
North Branch, MN 55056  
Phone: 651-277-4911  
CharlesL@lrems.com

**P7 Life Link III**  
*Air Medical Transportation*  
**Katie Burkhart**  
3010 Broadway St. NE  
Minneapolis, MN 55413  
Phone: 612-638-4903  
kburkhart@tresslerlaw.com

**30 Mars Supply**  
*Fire and Rescue Supplies*  
**Brett Uchanski**  
4319 W. 1st. Street  
Duluth, MN 55807  
Phone: 952-567-9284  
buchanski@marssupply.com

**1 MED Alliance Group, Inc.**  
*Medical Devices for EMS*  
**Marc Tutt**  
2175 Oakland Drive  
Sycamore, IL 60178  
Phone: 630-443-7070  
marctutt@yahoo.com

**11 Med Tech Sweden, Inc.**  
*Vacuum Splints*  
**Bo Renberg**  
320 Weber Drive Ste 4  
Geneseo, IL 612548200  
Phone: 309-944-5390  
bo@medtechsweden.com

**31 Minnesota Ambulance Association**  
*Trade Association*  
**Debbie Gillquist**  
15568 Eagles Nest Way  
Apple Valley, MN 55124  
Phone: 651-775-7400  
debgillquist@mnems.org

**3 Minnesota Emergency Medical Services Association**  
*Education*  
**Sherry Good**  
P.O. Box 77  
Tyler, MN 56178  
Phone: 507-530-3662  
st.good@frontiernet.net

**15 MN EMS Honor Guard**  
*LODD for the fallen & their families*  
**Brad Johnson**  
2800 N. 7th St.  
St. Cloud, MN 56302  
Phone: 612-751-8676  
hcmc4502@gmail.com

**16 Minnesota Poison Control System**  
*Statewide Poison Services*  
**Kirk Hughes**  
701 Park Ave. Mail Code: RL  
Minneapolis, MN 55415  
Phone: 612-873-2488  
kirk.hughes@hcmcd.org

**19 Mothers Against Drunk Driving**  
*Victim Services*  
**Rahya Iliff**  
155 S. Wabasha St. Suite 104  
St. Paul, MN 55107  
Phone: 612-390-3663  
rahya.iliff@madd.org

**29 Municipal Emergency Services**  
*Fire and EMS Equipment Sales*  
**Tony Sarff**  
1900 E. Military Ave. Ste. 276  
Fremont NE 68025  
Phone: 402-380-0666  
asarff@mesfire.com

**J North Central Emergency Vehicles**  
*Ambulance Sales*  
**Fred Pawelk**  
18448 County Road 9  
Lester Prairie, MN 55354  
Phone: 612-723-1544  
fpawelk@northcentralambulance.com

**7 North Memorial Health**  
*Air Ambulance*  
**Rob Pearson**  
3300 Oakdale Ave. N.  
Robbinsdale, MN 55422  
Phone: 612-750-5825  
Rob.Pearson@northmemorial.com

**24 Orange Expo Trading**  
*Pain Management Products*  
**Erdal Karabacak**  
7348 Vireo Drive  
Las Vegas, NV 89147  
Phone: 702-601-8517  
erdalkarabacak@live.com

**G Pomasl Fire Equipment**  
*Ambulance*  
**Kevin Pomasl**  
1918 Neva Road  
Antigo, WI 54409  
Phone: 715-610-4210  
kevin@pomasl.com

**L Premier Specialty Vehicles**  
*Ambulance Sales*  
**Mark Rethwisch**  
PO Box 323  
1801 West Fir Ave.  
Fergus Falls, MN 56538  
Phone: 218-739-5875  
markr@premierambulance.com

**G8 Regions Hospital**  
*Trauma/Burn Centers*  
**Sue Ehman**  
640 Jackson Street  
St. Paul, MN 55101  
Phone: 651-254-2143  
susan.j.ehman@healthpartners.com

**14 Rosco Inc.**  
*Automotive Vision Safety*  
**Joel Catlin**  
9021 144th PL  
Jamaica, NY 11435  
Phone: 718-526-2601  
joelc@roscovision.com

**G4 Sanford Health**  
*Air Medical*  
**Katy Kressin**  
801 N. Broadway St. North  
Fargo, ND 58122  
Phone: 701-234-6658  
katy.kressin@sanfordhealth.org

**K South Central MN EMS**  
*Regional Program/Rehab*  
**Mark Griffith**  
PO Box 218  
Eagle Lake, MN 56024  
Phone: 507-257-3224  
Cell: 507-327-3375  
mark.griffith@scmnems.org

**P5 St. Luke's Hospital & Regional Trauma Center**  
*Health Care*  
**Melissa Burlaga**  
915 East 1st Street  
Duluth, MN 55805  
Phone: 218-249-2988  
melissa.burlaga@slhduluth.com

**M Stryker EMS and Physio Control**  
*EMS*  
**Elizabeth Reem**  
8941 Trinity Gardens  
Brooklyn Park, MN 55443  
Phone: 314-853-2779  
Elizabeth.reem@stryker.com

**20 Teleflex**  
*Medical Device*  
**Rodney Mischka**  
16331 Creekwood Drive  
Prior Lake, MN 55372  
Phone: 612-964-8065  
rodney.mischka@teleflex.com

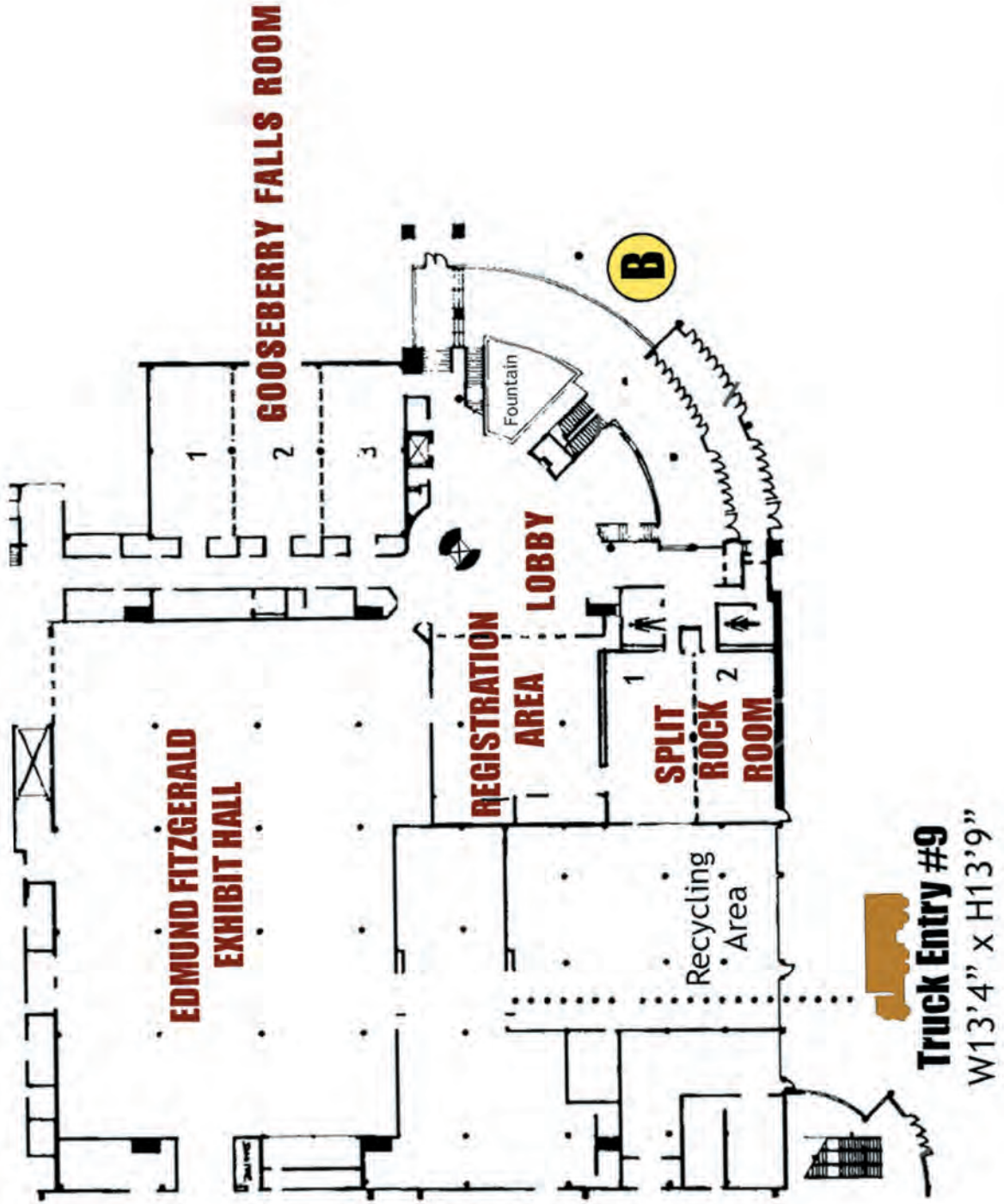
**G3 Valley Med Flight**  
*Critical Care Air Ambulance Service*  
**Tami Evavold**  
2467 Air Cargo Drive  
Grand Forks, ND 58203  
Phone: 701-213-7687  
tami.evavold@guardianflight.com

**2 University of Minnesota Health**  
**Cindy Koslowski**  
2450 Riverside Ave.  
Minneapolis, MN 55454  
Phone: 612-672-4184  
ckoslow1@fairview.org

**Lobby Visit Duluth**  
**Stacy Oltmanns**  
225 W. Superior St. Suite 110  
Duluth, MN 55802  
Phone: 218-625-8107  
stacy@visitduluth.com

**P Whelen Engineering Co, Inc.**  
*Vehicular Emergency Warning Lights & Sirens*  
**Dawn Kaplunic**  
51 Winthrop Rd  
Chester, CT 06412  
Phone: 806-526-9504  
whelen@whelen.com

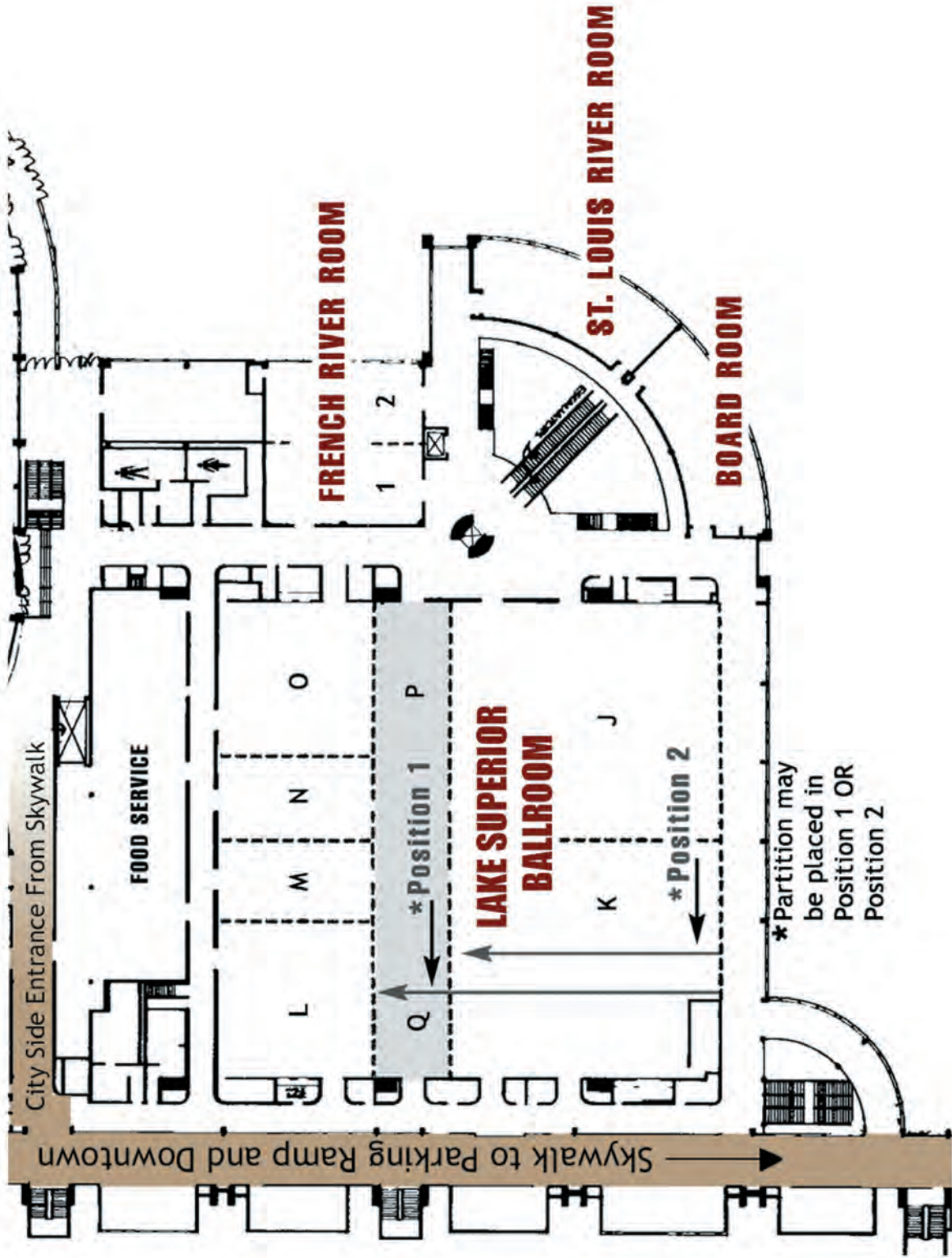
**G5 ZOLL Medical Inc.**  
*Medical Devices and Software*  
**Soren Norrgard**  
1905 County Rd. C. West  
Roseville, MN 55113  
Phone: 612-250-0299  
snorrgard@zoll.com





Duluth Entertainment Convention Center

City Side Convention Center  
Skywalk Level



# THANK YOU

## TO OUR SPONSORS

### PLATINUM



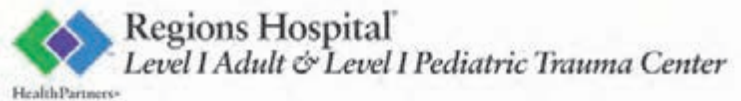
THE PATIENT. ABOVE ALL ELSE.®



EMERGENCY  
MEDICAL SERVICES



### GOLD



Level I Pediatric Trauma Center



### SILVER



### SUPPORTER





NETWORK NAME:

**AEMSA**

PASSWORD:

**arrowhead**

1

connect your personal digital device to the "AEMSA" Wi-Fi network

2

When prompted, enter the password "arrowhead"

*Please note: Password is case sensitive.*

WI-FI  
INSTRUCTIONS



**DUNKIN'**  
**FOR DONORS**

Celebrate National Blood Donor Month  
with a **free coffee** from Dunkin'

## Life Link III Blood Drive

At the Arrowhead EMS Conference

Friday, January 25<sup>th</sup>  
10:00AM - 3:30PM

Saturday, January 26<sup>th</sup>  
10:00AM - 3:30PM

Blood Drive in Edmund Fitzgerald Hall

Contact Katheryn to Sign Up!  
(218) 740-1526

or [katheryn.hamm@innovativeblood.org](mailto:katheryn.hamm@innovativeblood.org)

#SaveLives



**Save time!** COMPLETE YOUR HEALTH HISTORY QUESTIONNAIRE  
ONLINE ON THE DAY OF YOUR DONATION AT [MBC.ORG/IDONATE](http://MBC.ORG/IDONATE)

Bring ID • Eat before donating • No cold or flu symptoms for 72 hours • All presenting donors January 1-31, 2018 are eligible. Voucher holds no cash value and is non-transferable. Other restrictions may apply. Visit [MBC.ORG/DONOR](http://MBC.ORG/DONOR) for details, or call 1-888-GIVE-BLD (888-448-3253). ©2018 Memorial Blood Centers. All rights reserved.

# Rapid Response Exceptional Patient Care



800-328-1377  
www.lifelinkiii.com

OUR MEMBER-OWNERS



## Allina Health Emergency Medical Services The Future You're Looking For



**With Allina Health EMS, you can deliver cutting-edge clinical care while building your career alongside exceptional people.**

**DELIVER INNOVATIVE CLINICAL CARE**

Allina Health EMS provides state-of-the-art continuing education, monthly morbidity and mortality rounds with the medical director and more.

**BE PART OF A RESPECTED, HIGH PERFORMING TEAM**

Allina Health EMS is an award winning recognized leader providing leading edge care metrics and a robust EMS research agenda. You have a unique ability to achieve your desired career path—either as a paramedic, or in another health care position within the Allina Health care system.

**FIND VARIETY**

We serve more than 120 communities of all types and sizes—rural, suburban and downtown metro—and will work to match your interests with our locations. Our service area includes high-profile locations such as the Minneapolis-St. Paul International Airport and the Mall of America.

Visit [joinallinaems.org](http://joinallinaems.org) to learn more.



# EMERGENCY CARE

LIKE NOWHERE ELSE



Essentia Health

PLATINUM SPONSORS



CHOOSE  
St. Luke's

## Most people don't plan for trauma. *We do.*

At St. Luke's Regional Trauma Center, our trauma team is ready—every single day. Working collaboratively to bring our individual skills to each patient, we respond to life-threatening situations with compassion, speed and expertise.

 **St. Luke's**  
Regional  
Trauma Center



# AGENDA

## AT A GLANCE

### WEDNESDAY

January 23, 2019  
*Pre-Conference*

#### **AMLS**

*(Day 1 of 2)*

7:00 am – 5:00 pm

#### **EMT Refresher**

*(Day 1 of 2)*

8:00 am – 5:00 pm

#### **ITLS**

*(Day 1 of 2)*

8:00 am – 5:00 pm

#### **S.T.A.B.L.E.**

##### **Learner Course**

8:00 pm – 5:00 pm

#### **Credible Leadership Workshop**

*Option 1*

8:00 am – 12:00 pm

#### **Getting The Big Picture in Simulation Labs**

8:00 am – 5:00 pm

### THURSDAY

January 24, 2019  
*Pre-Conference*

#### **AMLS**

*(Day 2 of 2)*

7:00 am – 5:00 pm

#### **EMT Refresher**

*(Day 2 of 2)*

8:00 am – 5:00 pm

#### **ITLS**

*(Day 2 of 2)*

8:00 am – 5:00 pm

#### **Pathophysiology and Clinical Medicine**

8:00 am – 5:00 pm

#### **Basic 12-Lead ECG**

8:00 am – 10:00 am

#### **Advanced 12-Lead ECG**

10:00 am – 12:00 pm

#### **Credible Leadership Workshop**

*Option 2*

1:00 pm – 5:00 pm

#### **BLS Pediatric Education for Prehospital Providers**

8:00 am – 5:00 pm



## FRIDAY

January 25, 2019

### Welcome and Keynote

Dining Hall  
Glen Simpson  
8:00 am – 9:45 am

### Breakout Session 1

10:30 am – 11:45 am

### Lunch

11:45 am – 12:45 pm

### Breakout Session 2

12:45 pm – 2:00 pm

### Breakout Session 3

2:45 pm – 4:00 pm

### Blood Drive

Edmund Fitzgerald Hall  
10:00 am – 3:30 pm

### Legislative Forum

Gooseberry Falls Room  
4:15 pm – 5:15 pm

### Expo

South Pioneer Hall  
7:00 am – 4:00 pm

## SATURDAY

January 26, 2019

### Welcome and Keynote

Dining Hall  
Kirk Hughes  
8:00 am – 9:45 am

### Breakout Session 4

10:30 am – 11:45 pm

### Lunch

11:45 am – 12:45 pm

### Breakout Session 5

12:45 pm – 2:00 pm

### Breakout Session 6

2:45 pm – 4:00 pm

### Blood Drive

Edmund Fitzgerald Hall  
10:00 am – 3:30 pm

### Expo

South Pioneer Hall  
7:00 am – 4:00 pm

## SUNDAY

January 27, 2019

### Breakout Session 7

8:00 am – 9:15 am

### Breakout Session 8

9:30 am – 10:45 am

### Breakout Session 9

11:00 am – 12:15 pm

# WEDNESDAY

## JANUARY 23

### REGISTRATION

7:00 am – 8:00 am

Registration Area

### PRE-CONFERENCE SESSIONS

8:00 am – 12:00 pm

### AMLS Day 1 of 2

French River Room

**Description:** Advanced Medical Life Support (AMLS) is the gold standard of education for emergency medical assessment and treatment. Endorsed by the National Association of EMS Physicians, AMLS emphasizes the use of the AMLS Assessment Pathway, a systematic tool for assessing and managing common medical conditions with urgent accuracy. AMLS is appropriate for EMTs, paramedics, nurses, nurse practitioners, physician assistants, nurse anesthetists and physicians. AMLS is accredited by CAPCE and recognized by NREMT.

**Objectives:** Students learn to recognize and manage common medical crises through realistic case-based scenarios that challenge students to apply their knowledge to highly critical patients. The course emphasizes the use of scene size-up, history, interactive group discussion on potential treatment strategies, and physical exam to systematically rule out and consider possibilities and probabilities in treating patients' medical crises.

**Topics include:**

- Respiratory disorders
- Cardiovascular disorders
- Shock
- Altered mental status
- Neurological disorders
- Endocrine/Metabolic disorders
- Environmental emergencies
- Infectious disease
- Abdominal disorders
- Toxicological emergencies
- Exposure to hazardous materials

**Speaker:** Matt Ashmore – NREMT Paramedic  
Julie Houle – MD, NREMT, FAEMS, MHA  
Therese Elverum – RN, EMT



## EMT Refresher Day 1 of 2

### Lake Superior Ballroom L,M

**Description:** This course is designed to meet the National Continued Competency Requirements (NCCR) that meets the current MN and NREMT requirements to maintain your EMT license. During this refresher you will be provided with interactive discussions as well as hands on applications of your skills in live scenarios including moulaged victims.

You will still be required to get your additional 20 hours of your State/Local and Individual hours. This course does not cover any of these additional hours.

**Objectives:** The national competency component requires all EMTs to obtain 20 hours of continuing education. The topic areas for the national component is published by the NREMT every four years. The most recent revision of the National Component was published in October 2016.

Airway/Respiration/Ventilation: 1.5 Hours  
 Ventilation [1 Hours]  
 Oxygenation [0.5 Hour]  
 Cardiovascular: 6 Hours  
 Post-Resuscitation Care [0.5 Hour]  
 Ventricular Assist Devices [0.5 Hour]  
 Stroke [1 Hour]  
 Cardiac Arrest [2 Hours]  
 Pediatric Cardiac Arrest [2 Hours]  
 Trauma: 1.5 Hours  
 Trauma Triage [0.5 Hour]  
 Central Nervous System (CNS) Injury [0.5 Hour]  
 Hemorrhage Control [0.5 Hour]  
 Medical: 6 Hours  
 Special Healthcare Needs [1.5 Hours]  
 OB Emergencies [0.5 Hour]  
 Infectious Diseases [0.5 Hour]  
 Pain Management [0.5 Hour]  
 Psychiatric and Behavioral Emergencies[0.5 Hour]  
 Toxicological Emergencies – Opioids[0.5 Hour]  
 Neurological Emergencies – Seizures[0.5 Hour]  
 Endocrine Emergencies – Diabetes[1 Hour]  
 Immunological Emergencies [0.5 Hour]  
 Operations: 5 Hours  
 At-Risk Populations [0.5 Hour]  
 Ambulance Safety [0.5 Hour]  
 Field Triage – Disasters/MCIs [0.5 Hour]

EMS Provider Hygiene, Safety, and Vaccinations [0.5 Hour]  
 EMS Culture of Safety[0.5 Hour]  
 Pediatric Transport [0.5 Hour]  
 Crew Resource Management [1 Hour]  
 EMS Research [0.5 Hour]

**Speaker:** Lucas Goodin – NRP, Chief of Cromwell  
 Wright Fire District  
 Diana Klakoski – EMT

## ITLS Day 1 of 2

### Lake Superior Ballroom N,O

**Description:** The ITLS Course is to prepare emergency health care providers to knowledgeable and skillfully perform the rapid assessment, resuscitation, packaging, stabilization and transport of the trauma patient. The course includes lectures and interactive skill stations to provide for the application and integration of knowledge and skills to case based scenarios. Prior study of the text is required.

#### Objectives:

- Students will demonstrate the proper steps in managing a trauma patient as it relates to the ITLS Primary Survey, Ongoing Exam and Secondary Exam.
- Students will demonstrate key patient management skills including airway management, rapid extrication and discuss the new technology available in treating trauma patients.
- Students will demonstrate key cognitive concepts of ITLS including spinal trauma and patient-centered spinal motion restriction.

**Speaker:** Geoffrey Galaski – NREMT Paramedic  
 Ken Klatt – NREMT-P

## S.T.A.B.L.E. Learner Course

### St. Louis River Room

**Description:** Program provides general guidelines for the assessment and stabilization of sick infants in the post-resuscitation/pre-transport stabilization period. STABLE stands for the 6 program modules: Sugar, Temperature, Airway, Blood Pressure, Lab Work, Emotional Support.

#### Objectives:

- Learners will be able to identify infants at risk for hypoglycemia and how to prevent and treat it.
- Learners will be able to describe mechanisms of heat loss and the physiologic response of infants.



- Learners can describe signs of respiratory distress and list appropriate interventions.
- Learners will be able to list the 3 major types of shock seen in infants and the initial treatment.
- Learners will be able to describe the clinical signs of infection in infants.

**Speaker:** Deb Peters – APRN, CNP

## Credible Leadership Workshop Session Option 1

Split Rock Room

**Description:** This seminar introduces “MAGNUS Leadership Theory” as a general practical and tactical counter VUCA to enhanced officer performance, effectiveness, wellness and resiliency. MAGNUS Leadership expands the scientific application of the Theory of Things and Expectancy and Reversal Theories of Leadership activating positive brain and deep emotional intelligence. It outlines MAGNUS Leadership virtues and imperatives to ignite and/or accelerate transformational leadership mindfulness and practices to enhance officers delivering RESULTS with CONFIDENCE. The workshop utilizes motivational presentations with personal experiences leading to dynamic group discussions with simulations for enhanced learning.

### Objectives:

- Have a scientific and practical understanding of VUCA.
- Learn the short-term and long-term effects on each Law Enforcement Officer’s Personal and Professional life.
- Understand Reversal Theory as a tactical framework to counter VUCA.
- Develop comprehensive emotional intelligence and cognitive learning tools to enhance leadership capacity.
- Increase personal wellness and resiliency.

**Speaker:** Mitch Javidi, PhD., Chancellor, National Command & Staff College

## Getting The Big Picture in Simulation Labs

Gooseberry Falls Room

**Description:** Using various high and not-so-high tech simulators, students will be placed in various realistic

and complete medical and trauma scenarios from first response, thru ALS and Emergency Department turnover.

### Objectives:

- Quickly assess scene safety
- Utilize Crew Resource Management techniques to ensure rapid and accurate prehospital interventions.
- Demonstrate proper patient transfer-of-care techniques, utilizing communication techniques to ensure seamless patient care in the prehospital environment.

**Speaker:** Brad Zinniel – Paramedic  
Marvin Sullivan – NREMT  
Mark Griffith – MPA, NREMT  
Sheila Denton – EMT  
Mike Oeffler  
Marty Sullivan – EMT

## LUNCH

12:00 pm – 1:00 pm

Lake Superior Ballroom-Main Dining Hall

## PRE-CONFERENCE SESSIONS

1:00 pm – 5:00 pm

## AMLS Continued

French River Room

**Description:** Advanced Medical Life Support (AMLS) is the gold standard of education for emergency medical assessment and treatment. Endorsed by the National Association of EMS Physicians, AMLS emphasizes the use of the AMLS Assessment Pathway, a systematic tool for assessing and managing common medical conditions with urgent accuracy. AMLS is appropriate for EMTs, paramedics, nurses, nurse practitioners, physician assistants, nurse anesthetists and physicians. AMLS is accredited by CAPCE and recognized by NREMT.

**Objectives:** Students learn to recognize and manage common medical crises through realistic case-based scenarios that challenge students to apply their knowledge to highly critical patients. The course emphasizes the use of scene size-up, history, interactive group discussion on potential treatment strategies, and physical exam to systematically rule

out and consider possibilities and probabilities in treating patients' medical crises.

**Topics include:**

Respiratory disorders  
 Cardiovascular disorders  
 Shock  
 Altered mental status  
 Neurological disorders  
 Endocrine/Metabolic disorders  
 Environmental emergencies  
 Infectious disease  
 Abdominal disorders  
 Toxicological emergencies  
 Exposure to hazardous materials

**Speaker:** Matt Ashmore – NREMT Paramedic  
 Julie Houle – MD, NREMT, FAEMS, MHA  
 Therese Elverum – RN, EMT

## **EMT Refresher** Continued Lake Superior Ballroom L,M

**Description:** This course is designed to meet the National Continued Competency Requirements (NCCR) that meets the current MN and NREMT requirements to maintain your EMT license. During this refresher you will be provided with interactive discussions as well as hands on applications of your skills in live scenarios including moulaged victims.

You will still be required to get your additional 20 hours of your State/Local and Individual hours. This course does not cover any of these additional hours.

**Objectives:** The national competency component requires all EMTs to obtain 20 hours of continuing education. The topic areas for the national component is published by the NREMT every four years. The most recent revision of the National Component was published in October 2016.

Airway/Respiration/Ventilation: 1.5 Hours  
 Ventilation [1 Hours]  
 Oxygenation [0.5 Hour]  
 Cardiovascular: 6 Hours  
 Post-Resuscitation Care [0.5 Hour]  
 Ventricular Assist Devices [0.5 Hour]  
 Stroke [1 Hour]  
 Cardiac Arrest [2 Hours]  
 Pediatric Cardiac Arrest [2 Hours]  
 Trauma: 1.5 Hours  
 Trauma Triage [0.5 Hour]  
 Central Nervous System (CNS) Injury [0.5 Hour]

Hemorrhage Control [0.5 Hour]  
 Medical: 6 Hours  
 Special Healthcare Needs [1.5 Hours]  
 OB Emergencies [0.5 Hour]  
 Infectious Diseases [0.5 Hour]  
 Pain Management [0.5 Hour]  
 Psychiatric and Behavioral Emergencies[0.5 Hour]  
 Toxicological Emergencies – Opioids[0.5 Hour]  
 Neurological Emergencies – Seizures[0.5 Hour]  
 Endocrine Emergencies – Diabetes[1 Hour]  
 Immunological Emergencies [0.5 Hour]  
 Operations: 5 Hours  
 At-Risk Populations [0.5 Hour]  
 Ambulance Safety [0.5 Hour]  
 Field Triage – Disasters/MCIs [0.5 Hour]  
 EMS Provider Hygiene, Safety, and Vaccinations [0.5 Hour]  
 EMS Culture of Safety[0.5 Hour]  
 Pediatric Transport [0.5 Hour]  
 Crew Resource Management [1 Hour]  
 EMS Research[0.5 Hour]

**Speaker:** Lucas Goodin – NRP, Chief of  
 Cromwell Wright Fire District  
 Diana Klakoski – EMT

## **ITLS** Continued Lake Superior Ballroom N,O

**Description:** The ITLS Course is to prepare emergency health care providers to knowledgeably and skillfully perform the rapid assessment, resuscitation, packaging, stabilization and transport of the trauma patient. The course includes lectures and interactive skill stations to provide for the application and integration of knowledge and skills to case based scenarios. Prior study of the text is required.

**Objectives:**

- Students will demonstrate the proper steps in managing a trauma patient as it relates to the ITLS Primary Survey, Ongoing Exam and Secondary Exam.
- Students will demonstrate key patient management skills including airway management, rapid extrication and discuss the new technology available in treating trauma patients.
- Students will demonstrate key cognitive concepts of ITLS including spinal trauma and patient-centered spinal motion restriction.

**Speaker:** Geoffrey Galaski – NREMT Paramedic  
 Ken Klatt – NREMT-P

## S.T.A.B.L.E. Learner Course

Continued

St. Louis River Room

**Description:** Program provides general guidelines for the assessment and stabilization of sick infants in the post-resuscitation/pre-transport stabilization period. STABLE stands for the 6 program modules: Sugar, Temperature, Airway, Blood Pressure, Lab Work, Emotional Support.

### Objectives:

- Learners will be able to identify infants at risk for hypoglycemia and how to prevent and treat it.
- Learners will be able to describe mechanisms of heat loss and the physiologic response of infants.
- Learners can describe signs of respiratory distress and list appropriate interventions.
- Learners will be able to list the 3 major types of shock seen in infants and the initial treatment.
- Learners will be able to describe the clinical signs of infection in infants.

**Speaker:** Deb Peters – APRN, CNP

## Getting The Big Picture in Simulation Labs

Gooseberry Falls Room

**Description:** Using various high and not-so-high tech simulators, students will be placed in various realistic and complete medical and trauma scenarios from first response, thru ALS and Emergency Department turnover.

### Objectives:

- Quickly assess scene safety
- Utilize Crew Resource Management techniques to ensure rapid and accurate prehospital interventions.
- Demonstrate proper patient transfer-of-care techniques, utilizing communication techniques to ensure seamless patient care in the prehospital environment.

**Speaker:** Brad Zinniel – Paramedic  
Marvin Sullivan – NREMT  
Mark Griffith – MPA, NREMT  
Mike Oeffler  
Marty Sullivan – EMT  
Sheila Denton – EMT

## PRE-CONFERENCE SESSIONS END

5:00 pm (Time Varies by Session)

# THURSDAY

## JANUARY 24

### REGISTRATION

7:00 am – 8:00 am

Registration Area

### PRE-CONFERENCE SESSIONS

8:00 am – 12:00 pm

### AMLS Day 2 of 2

French River Room

**Description:** Advanced Medical Life Support (AMLS) is the gold standard of education for emergency medical assessment and treatment. Endorsed by the National Association of EMS Physicians, AMLS emphasizes the use of the AMLS Assessment Pathway, a systematic tool for assessing and managing common medical conditions with urgent accuracy. AMLS is appropriate for EMTs, paramedics, nurses, nurse practitioners, physician assistants, nurse anesthetists and physicians. AMLS is accredited by CAPCE and recognized by NREMT.

**Objectives:** Students learn to recognize and manage common medical crises through realistic case-based scenarios that challenge students to apply their knowledge to highly critical patients. The course emphasizes the use of scene size-up, history, interactive group discussion on potential treatment strategies, and physical exam to systematically rule out and consider possibilities and probabilities in treating patients' medical crises.

**Topics include:**

- Respiratory disorders
- Cardiovascular disorders
- Shock
- Altered mental status
- Neurological disorders
- Endocrine/Metabolic disorders
- Environmental emergencies
- Infectious disease
- Abdominal disorders
- Toxicological emergencies
- Exposure to hazardous materials

**Speaker:** Matt Ashmore – NREMT Paramedic  
Julie Houle – MD, NREMT, FAEMS, MHA  
Therese Elverum – RN, EMT



## EMT Refresher Day 2 of 2

### Lake Superior Ballroom L,M

**Description:** This course is designed to meet the National Continued Competency Requirements (NCCR) that meets the current MN and NREMT requirements to maintain your EMT license. During this refresher you will be provided with interactive discussions as well as hands on applications of your skills in live scenarios including moulaged victims.

You will still be required to get your additional 20 hours of your State/Local and Individual hours. This course does not cover any of these additional hours.

**Objectives:** The national competency component requires all EMTs to obtain 20 hours of continuing education. The topic areas for the national component is published by the NREMT every four years. The most recent revision of the National Component was published in October 2016.

Airway/Respiration/Ventilation: 1.5 Hours  
 Ventilation [1 Hours]  
 Oxygenation [0.5 Hour]  
 Cardiovascular: 6 Hours  
 Post-Resuscitation Care [0.5 Hour]  
 Ventricular Assist Devices [0.5 Hour]  
 Stroke [1 Hour]  
 Cardiac Arrest [2 Hours]  
 Pediatric Cardiac Arrest [2 Hours]  
 Trauma: 1.5 Hours  
 Trauma Triage [0.5 Hour]  
 Central Nervous System (CNS) Injury [0.5 Hour]  
 Hemorrhage Control [0.5 Hour]  
 Medical: 6 Hours  
 Special Healthcare Needs [1.5 Hours]  
 OB Emergencies [0.5 Hour]  
 Infectious Diseases [0.5 Hour]  
 Pain Management [0.5 Hour]  
 Psychiatric and Behavioral Emergencies [0.5 Hour]  
 Toxicological Emergencies – Opioids [0.5 Hour]  
 Neurological Emergencies – Seizures [0.5 Hour]  
 Endocrine Emergencies – Diabetes [1 Hour]  
 Immunological Emergencies [0.5 Hour]  
 Operations: 5 Hours  
 At-Risk Populations [0.5 Hour]  
 Ambulance Safety [0.5 Hour]  
 Field Triage – Disasters/MCI's [0.5 Hour]

EMS Provider Hygiene, Safety, and Vaccinations [0.5 Hour]  
 EMS Culture of Safety [0.5 Hour]  
 Pediatric Transport [0.5 Hour]  
 Crew Resource Management [1 Hour]  
 EMS Research [0.5 Hour]

**Speaker:** Lucas Goodin-NRP, Chief of Cromwell Wright Fire District  
 Diana Klakoski – EMT

## ITLS Day 2 of 2

### Lake Superior Ballroom N,O

**Description:** The ITLS Course is to prepare emergency health care providers to knowledgeably and skillfully perform the rapid assessment, resuscitation, packaging, stabilization and transport of the trauma patient. The course includes lectures and interactive skill stations to provide for the application and integration of knowledge and skills to case based scenarios. Prior study of the text is required.

#### Objectives:

- Students will demonstrate the proper steps in managing a trauma patient as it relates to the ITLS Primary Survey, Ongoing Exam and Secondary Exam.
- Students will demonstrate key patient management skills including airway management, rapid extrication and discuss the new technology available in treating trauma patients.
- Students will demonstrate key cognitive concepts of ITLS including spinal trauma and patient-centered spinal motion restriction.

**Speaker:** Geoffrey Galaski – NREMT Paramedic  
 Ken Klatt – NREMT-P

## Pathophysiology and Clinical Medicine

### St. Louis River Room

**Description:** The best EMS clinicians don't just know what to do, but rather, they know why to do it. A solid clinical foundation begins with an in depth understanding of the underlying pathophysiology. Come to RockStar U and let our Masters show you the ways of the "Force", the life force that is. Come and split your time between lectures and hands on time. Pig pluck dissections with pathophysiology and anatomy discussion will help to tie the lectures together with clinical application.

**Objectives:**

- The student will be able to identify mechanisms at play in the pathophysiology of common illnesses.
- The student will identify best practices in clinical medicine.
- The student will list the major points of cardiac and pulmonary anatomy.
- The student will be able to correlate pathophysiology to the shock response.

**Speaker:** Reuben Farnsworth – CCP-C, NRP  
Chris Ebright – B.Ed., NRP

## Basic 12-Lead ECG

8:00 am – 10:00 am

Split Rock Room

**Description:** The program is designed to introduce and refresh EMT's into preparing and acquiring a quality pre-hospital 12-lead ECG. An ECG waveform overview will assist participants in demystifying basic 12-lead interpretation. Multiple interactive 12-lead examples will reinforce STEMI recognition.

**Objectives:**

- Review cardiac related patient symptoms.
- Review the basic cardiac waveform.
- Discuss the steps necessary to acquire a quality 12-lead ECG
- Apply knowledge to simplify basic 12-lead interpretation

**Speaker:** Stan Sadenwasser – RN, BSN, CFRN

## Advanced 12-Lead ECG

10:00 am – 12:00 pm

Split Rock Room

**Description:** This presentation will expand on Basic 12-lead ECG by providing a simplified approach which will help participants understand the relationship between cardiac anatomy and 12-lead ECG's. Interactive 12-lead interpretation will highlight: STEMI location, corresponding coronary artery, and treatment pitfalls. STEMI imposter's will be reviewed.

**Objectives:**

- Identify STEMI location via 12-Lead ECG.
- Attribute STEMI locations to coronary artery territories.
- Recognize treatment pitfalls related to STEMI location.

**Speaker:** Stan Sadenwasser – RN, BSN, CFRN

## BLS Pediatric Education for Prehospital Providers

Gooseberry Falls Room

**Description:** PEPP represents a complete source of prehospital medical information for the emergency care of infants and children. Developed by the American Academy of Pediatrics, PEPP is an exciting curriculum designed to teach prehospital professionals how to better assess and manage ill or injured children. PEPP is a comprehensive, innovative, and highly visual course featuring case-based lectures, live-action video, hands-on skills stations, and small group scenarios. Upon successful completion of the course, the student will receive 8 CEUs. The BLS course is appropriate for all provider levels (EMR, EMT, Paramedic, Nurse)

**Objectives:**

- Rapidly and accurately apply the Pediatric Assessment Triangle (PAT) in the initial assessment of pediatric patients
- Demonstrate practical familiarity in the management of pediatric trauma, including c-spine immobilization, bleeding and shock, and blunt and penetrating injuries.
- Demonstrate practical familiarity in the management of pediatric medical issues, including abuse, burns, and poisoning.

**Speaker:** Sheila Denton – EMT  
Mark Griffith – MPA, NREMT  
Mary Sullivan – EMT  
Marvin Sullivan – NREMT  
Brad Zinniel – Paramedic  
Mike Oeffler

## LUNCH

12:00 pm – 1:00 pm

Lake Superior Ballroom/Main Dining Hall

## PRE-CONFERENCE SESSIONS

1:00 pm – 5:00 pm

## AMLS Continued

French River Room

**Description:** Advanced Medical Life Support (AMLS) is the gold standard of education for emergency medical assessment and treatment. Endorsed by the National Association of EMS Physicians, AMLS emphasizes the use of the AMLS Assessment Pathway, a systematic tool for assessing and managing common medical

conditions with urgent accuracy. AMLS is appropriate for EMTs, paramedics, nurses, nurse practitioners, physician assistants, nurse anesthetists and physicians. AMLS is accredited by CAPCE and recognized by NREMT.

**Objectives:** Students learn to recognize and manage common medical crises through realistic case-based scenarios that challenge students to apply their knowledge to highly critical patients. The course emphasizes the use of scene size-up, history, interactive group discussion on potential treatment strategies, and physical exam to systematically rule out and consider possibilities and probabilities in treating patients' medical crises.

**Topics include:**

Respiratory disorders  
Cardiovascular disorders  
Shock  
Altered mental status  
Neurological disorders  
Endocrine/Metabolic disorders  
Environmental emergencies  
Infectious disease  
Abdominal disorders  
Toxicological emergencies  
Exposure to hazardous materials

**Speaker:** Matt Ashmore – NREMT Paramedic  
Julie Houle – MD, NREMT, FAEMS, MHA  
Therese Elverum – RN, EMT

## EMT Refresher Continued

Lake Superior Ballroom L,M

**Description:** This course is designed to meet the National Continued Competency Requirements (NCCR) that meets the current MN and NREMT requirements to maintain your EMT license. During this refresher you will be provided with interactive discussions as well as hands on applications of your skills in live scenarios including moulaged victims.

You will still be required to get your additional 20 hours of your State/Local and Individual hours. This course does not cover any of these additional hours.

**Objectives:** The national competency component requires all EMTs to obtain 20 hours of continuing education. The topic areas for the national component is published by the NREMT every four years. The most recent revision of the National Component was published in October 2016.

Airway/Respiration/Ventilation: 1.5 Hours  
Ventilation [1 Hours]  
Oxygenation [0.5 Hour]  
Cardiovascular: 6 Hours  
Post-Resuscitation Care [0.5 Hour]  
Ventricular Assist Devices [0.5 Hour]  
Stroke [1 Hour]  
Cardiac Arrest [2 Hours]  
Pediatric Cardiac Arrest [2 Hours]  
Trauma: 1.5 Hours  
Trauma Triage [0.5 Hour]  
Central Nervous System (CNS) Injury [0.5 Hour]  
Hemorrhage Control [0.5 Hour]  
Medical: 6 Hours  
Special Healthcare Needs [1.5 Hours]  
OB Emergencies [0.5 Hour]  
Infectious Diseases [0.5 Hour]  
Pain Management [0.5 Hour]  
Psychiatric and Behavioral Emergencies[0.5 Hour]  
Toxicological Emergencies – Opioids[0.5 Hour]  
Neurological Emergencies – Seizures[0.5 Hour]  
Endocrine Emergencies – Diabetes[1 Hour]  
Immunological Emergencies [0.5 Hour]  
Operations: 5 Hours  
At-Risk Populations [0.5 Hour]  
Ambulance Safety [0.5 Hour]  
Field Triage—Disasters/MCIs [0.5 Hour]  
EMS Provider Hygiene, Safety, and Vaccinations [0.5 Hour]  
EMS Culture of Safety[0.5 Hour]  
Pediatric Transport [0.5 Hour]  
Crew Resource Management [1 Hour]  
EMS Research[0.5 Hour]

**Speaker:** Lucas Goodin – NRP, Chief of Cromwell  
Wright Fire District  
Diana Klakoski – EMT

## ITLS Continued

Lake Superior Ballroom N,O

**Description:** The ITLS Course is to prepare emergency health care providers to knowledgeably and skillfully perform the rapid assessment, resuscitation, packaging, stabilization and transport of the trauma patient. The course includes lectures and interactive skill stations to provide for the application and integration of knowledge and skills to case based scenarios. Prior study of the text is required.

**Objectives:**

- Students will demonstrate the proper steps in managing a trauma patient as it relates to the ITLS Primary Survey, Ongoing Exam and Secondary Exam.
- Students will demonstrate key patient management



skills including airway management, rapid extrication and discuss the new technology available in treating trauma patients.

- Students will demonstrate key cognitive concepts of ITLS including spinal trauma and patient-centered spinal motion restriction.

**Speaker:** Geoffrey Galaski – NREMT Paramedic  
Ken Klatt – NREMT-P

## Pathophysiology and Clinical Medicine *Continued*

St. Louis River Room

**Description:** The best EMS clinicians don't just know what to do, but rather, they know why to do it. A solid clinical foundation begins with an in depth understanding of the underlying pathophysiology. Come to RockStar U and let our Masters show you the ways of the "Force", the life force that is. Come and split your time between lectures and hands on time. Pig pluck dissections with pathophysiology and anatomy discussion will help to tie the lectures together with clinical application.

### Objectives:

- The student will be able to identify mechanisms at play in the pathophysiology of common illnesses.
- The student will identify best practices in clinical medicine.
- The student will list the major points of cardiac and pulmonary anatomy.
- The student will be able to correlate pathophysiology to the shock response.

**Speaker:** Reuben Farnsworth – CCP-C, NRP  
Chris Ebright – B. Ed, NRP

## Credible Leadership Workshop Session Option 2

Split Rock Room

**Description:** This seminar introduces "MAGNUS Leadership Theory" as a general practical and tactical counter VUCA to enhanced officer performance, effectiveness, wellness and resiliency. MAGNUS Leadership expands the scientific application of the Theory of Things and Expectancy and Reversal Theories of Leadership activating positive brain and deep emotional intelligence. It outlines MAGNUS Leadership virtues and imperatives to ignite and/or accelerate transformational leadership mindfulness and practices to enhance officers delivering RESULTS with CONFIDENCE. The workshop utilizes motivational presentations with personal experiences leading to dynamic group

discussions with simulations for enhanced learning.

### Objectives:

- Have a scientific and practical understanding of VUCA.
- Learn the short-term and long-term effects on each Law Enforcement Officer's Personal and Professional life.
- Understand Reversal Theory as a tactical framework to counter VUCA.
- Develop comprehensive emotional intelligence and cognitive learning tools to enhance leadership capacity.
- Increase personal wellness and resiliency.

**Speaker:** Mitch Javidi, PhD., Chancellor,  
National Command & Staff College

## BLS Pediatric Education for Prehospital Providers *Continued*

Gooseberry Falls Room

**Description:** PEPP represents a complete source of prehospital medical information for the emergency care of infants and children. Developed by the American Academy of Pediatrics, PEPP is an exciting curriculum designed to teach prehospital professionals how to better assess and manage ill or injured children. PEPP is a comprehensive, innovative, and highly visual course featuring case-based lectures, live-action video, hands-on skills stations, and small group scenarios. Upon successful completion of the course, the student will receive 8 CEUs. The BLS course is appropriate for all provider levels (EMR, EMT, Paramedic, Nurse)

### Objectives:

- Rapidly and accurately apply the Pediatric Assessment Triangle (PAT) in the initial assessment of pediatric patients
- Demonstrate practical familiarity in the management of pediatric trauma, including c-spine immobilization, bleeding and shock, and blunt and penetrating injuries.
- Demonstrate practical familiarity in the management of pediatric medical issues, including abuse, burns, and poisoning.

**Speaker:** Sheila Denton – EMT  
Mark Griffith – MPA, NREMT  
Marty Sullivan – EMT  
Marvin Sullivan – NREMT  
Brad Zinniel – Paramedic  
Mike Oeffler

## PRE-CONFERENCE SESSIONS END

5:00 pm (Time Varies by Session)

# FRIDAY

## JANUARY 25

### REGISTRATION

7:00 am – 8:00 am

Registration Area

### CONTINENTAL BREAKFAST

7:00 am – 8:00 am

South Pioneer Hall

### CONFERENCE WELCOME

8:00 am – 8:15 pm

Adam Shadiow, Executive Director,  
Arrowhead EMS Association

Lake Superior Ballroom-Main Dining Hall

### KEYNOTE: Decisive, Disciplined and Under Fire: A First Responder's Experiences from the Las Vegas Route 91 Harvest Festival Mass Shooting

8:15 am – 9:45 am

Lake Superior Ballroom-Main Dining Hall

**Description:** When first responders arrive for work everyday, especially EMTs and Paramedics, there is an expectation that very ill or injured people will call for their help, their care, medical treatments and transport to a hospital. What they don't expect is to see hundreds of very injured or dying people all at once. This presentation offers sound counsel for mass gathering crowd safety and medic safety when hundreds are wounded or killed within minutes as experienced during the Las Vegas shooting. Glen Simpson, AEMT and special event director at Community Ambulance in Las Vegas, will share his story, on-scene experiences and his lessons learned about being decisive, direct and disciplined in putting the practice of ICS in motion when even he was personally under fire.

**Speaker:** Glen Simpson - BS, AEMT

*Glen Simpson oversees the efficiency and effectiveness of personnel and operations in the special events division at Community Ambulance. In the entertainment capital of the world, Simpson has led the development and coordination of medical plans for new venues in Las Vegas, as well as major events like Rock in Rio, the Las Vegas Marathon, Electric Daisy Carnival and the Mayweather-Pacquiao "Fight of the Century." Simpson previously served as Supervisor, Administrator and Special Events Manager for MedicWest and American Medical Response. His more than 15 years of experience in the field has focused on customer service, event management, operations, staff training, employee investigations and grievance hearings, performance evaluations, mentorship, and more.*



**BREAK** (Refreshments and Exhibits)

9:45 am – 10:30 am

South Pioneer Hall

**BREAKOUT SESSION 1**

10:30 am – 11:45 pm

**Psychological Trauma and Suicidality Among Responders**

French River Room

**Description:** Responders are subjected to frequent and repeated exposure to events that could profoundly impact their mental wellness. Join Chris as he shares the sobering findings of his research on Minnesota emergency responders. Information includes rates of suicidal thoughts, attempts, and deaths.

**Objectives:**

- Discuss the nature of suicidality among Minnesota's emergency responders.
- Recognize the risk factors for psychological trauma and suicide in the responder population.
- Access resources to assist yourself or a coworker in need.

**Speaker:** Chris Caulkins – MPH, MA, EdD, NRP

**Have a Blast: Explosion Injures**

Lake Superior Ballroom L,M

**Description:** Blast explosions can have multiple considerations at the scene and in care of the victims before and after. This presentation will highlight 4-5 blast incidents in Minnesota in the past two years including a school and power plant along with the types of injuries seen in the victims. The stages of a blast will be correlated to the injury patterns seen in the victims of these cases. Get ready to have a BLAST!

**Objectives:**

- Describe four blast incidents.
- List six stages of a blast incident.
- Discuss blast injuries and the considerations for trauma and burn care.

**Speaker:** Karie Pearce – RN, BSN, CEN, CPEN, TCRN

**10 Ways to Kill Your Patient**

Lake Superior Ballroom N,O

**Description:** Are we really out there for the betterment of our patients? How is the care we are providing causing harm? This presentation will discuss common errors in the medical field which may kill our patients or further their injury. What are the simple solutions to correct these errors? How do we re-focus our attention to avoid repeating some of these issues?

**Objectives:**

- Identify the common medical errors that may cause harm to the patient.
- Discuss solutions to remedy the frequency of the errors.
- Contrast the risk and benefit of various treatments.

**Speaker:** Kerry Degen – B.A., NRP, FP-C, CP-C

**Improving Occupant Protection**

St. Louis River Room

**Description:** As ambulance interiors begin to reflect new understanding about the importance of occupant protection, the issue of how to transport children is being examined. Not only are some widely held beliefs being challenged, new devices which make child patients safer in the back of the ambulance have appeared. We will review commercial devices and demonstrate the newest products. The final segment will examine injuries caused by child passenger restraints when they are not used properly.

**Objectives:**

- List advantages of proper restraint devices.
- Apply common restraint devices to ambulance cots.
- Recognize the dangers of improper restraint of child safety devices in the patient compartment.

**Speaker:** James Levi – BSHCAD, NRP  
Dex Tuttle – Child Safety Technician Instructor

## For The Love Of All That Is Holy: Adapting To Your Patients' Religious Beliefs

Split Rock Room

**Description:** Muslims women wear Hajibs, Jehovah's Witnesses will not accept blood transfusions and Sikh men wear a turban. Mormons have special undergarments, and the Church of The Firstborn does not believe in medical intervention. There are a myriad of religions that you may encounter in EMS and we will talk about ways to accommodate these religious beliefs. Come join the discussion and improve your patient care through a better understanding of how your patients' religious beliefs affect your care plan.

### Objectives:

- The student will be able to identify common religious beliefs.
- The student will be able to explain how these religious beliefs affect pt. care.
- The student will be able to compare and contrast the need to balance pt. beliefs and wishes with good pt. care.
- The student will be able to identify the ethical issues with withholding care due to pt. refusal on a religious basis.

**Speaker:** Reuben Farnsworth – CCP-C, NRP

## From Depression to Delirium

Gooseberry Falls Room

**Description:** Noticed how your mental health (EDP) calls have increased over the last couple years. Well, folks, that trend isn't likely to change soon. So, in this session we will re-look at the mental health emergencies old and new and talk about safety and strategies for treating patients suffering from a mental health crisis.

### Objectives:

- Mental Health crisis
- Maintaining a safe environment when dealing with an EDP patient.

**Speaker:** Brad Wright – MS, NRP

## LUNCH

11:45 am – 12:45 pm

Lake Superior Ballroom-Main Dining Hall

## BREAKOUT SESSION 2

12:45 pm – 2:00 pm

## What's Happened to My Musical Heroes

French River Room

**Description:** If you're like me you enjoy music, all kinds of music, it helps us get through some days; makes emotional connections with us and builds memories, makes us smile, and even makes us cry. We all have our favorite musicians, troubadours, singers, and songwriters we often place them on pedestals and look up to them and at times wish we could be "rock stars" too. The reality is they are just like you and me and indeed experience the "human condition." Which means they get sick too and sometimes they don't recover from their illness just like everyday patients in your town! Let's explore some of these illnesses from assessment to treatment with a bit of a musical focus!

### Objectives:

- Upon completion of the class the learner will be able to identify at least three symptoms as related to specific disease process.
- The learner will be able to differentiate between the chronic disease processes and those that have potential for acute critical illness.
- The learner will be able to compare and contrast typical disease presentations.
- The learner will be able to have increased understanding of different disease processes and their progressions.

**Speaker:** Gary Wiemokly – EdD, MPH, EMTP, RN, EMSI

## Spot the Clot

Lake Superior Ballroom L,M

**Description:** Early recognition and intervention is critical in acute stroke care. EMS has a pivotal role in "spotting the clot" from the field. Every moment counts when saving the brain! This presentation will highlight care across the continuum, including the EMS role and a chance to interact with the clinical experts.

### Objectives:

- Review EMS management of acute stroke, including triaging and patient assessment
- Discuss communication with acute stroke teams and

regional stroke protocols

- Review case studies, including cutting edge stroke treatments

**Speaker:** Vikram Jadhav – MD

## EMS Case Studies in Toxicology

Lake Superior Ballroom N,O

**Description:** Toxicology covers a wide array of substances, toxins, poisons and situations. Four different toxicology related cases will be reviewed from beginning to end. If you want to gain confidence in responding and managing these challenging calls, this is a don't miss session. Audience participation will be encouraged and live calls to the poison center will be conducted.

### Objectives:

- Identify priorities in managing toxicological related cases
- Discuss treatment modalities for BLS and ALS responders for each case
- Describe clinical effects that can be seen for each case

**Speaker:** Kirk Hughes – RN, FF/EMT, CSPI

## A Deeper Look At Mild Head Injury/Concussion

St. Louis River Room

**Description:** The patient who sustains a mild head injury and is otherwise medically stable and unwilling to be transported for further assessment can potentially be faced with chronic and debilitating symptoms. The first responder is often the only healthcare provider the patient will interact with until the symptoms become unmanageable. Educating the patient and their family at first contact could make the difference between missing a few days of work or losing their job, between missing a few classes or failing out of school.

### Objectives:

- Differentiate levels of TBI (GCS scores)
- Recognize signs and symptoms of TBI
- Be able to educate patient/family members on the effects of a mild TBI or post concussive syndrome, understand HEADS up policies and laws, and return to play regulations

**Speaker:** Nova McNally – OTR/L

## Why It May Not Be The Panacea You Think

Split Rock Room

**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.

### Objectives:

- The student will be able to discuss the most current science regarding oxygen administration.
- The student will be able to explain the pathophysiology of oxygen toxicity.
- The student will be able to discuss topics related to the oxy-hemoglobin dissociation curve and how oxygen concentration relates to perfusion.

**Speaker:** Reuben Farnsworth – CCP-C, NRP

## Teaching Sick or Not Sick- Teaching Critical Thinking

Gooseberry Falls Room

**Description:** Ever turned to your partner and said, "Man these kids today just have no D@%n common sense?" We talk in our classes about "critical thinking" but what does critical thinking really look like in practice? In this discussion we will break down the teaching of critical thinking skills using examples relevant to what we do in the classroom everyday-like teaching whether a patient is "sick" or "not sick".

### Objectives:

- Discuss what critical thinking in EMS education
- Explore methods and theories in teaching critical thinking and putting critical thinking into practice in education.

**Speaker:** Brad Wright – MS, NRP

## BREAK (Refreshments and Exhibits)

2:00 pm – 2:45 pm

South Pioneer Hall

## BREAKOUT SESSION 3

2:45 pm – 4:00 pm

## A Tale of Two Women

French River Room

**Description:** This unique presentation will focus on two separate and distinct case reviews of illness and injury that occurred on separate continents. We'll review the pathophysiological insults that happened as a result of the injuries, the prehospital care that was provided or not, and the story each patient had; one that turned out to be something unsuspected. These two remarkable women are as different as you and me, yet there is an amazing common thread between them and it's not just their head injuries...

### Objectives:

- Attendees will be able to list important factors in obtaining complete history and physical exam on each and every patient.
- Attendees will compare and contrast how they provide patient assessments prior to class and what they will do after this class.
- Attendees will be able to identify the important elements of accurate reporting of clinical findings and gain a greater understanding why these are critical.

**Speaker:** Gary Wiemokly – EdD, MPH, EMTP, RN, EMSI

## Are We Missing Something?

Lake Superior Ballroom LM

**Description:** The treatment of adult trauma patients within an evidence-based system of care has been a tenet following the advent of trauma centers in the 1960's. Pediatric trauma centers followed soon after. Similar methods of triage and a systems approach to injuries apply to both populations. However, differences in anatomy, pathophysiology, and injury patterns can lead to delays in definitive care and increased morbidity. Using a case-based approach, the presenters will illustrate the need for EMS medical directors to bring pediatric trauma patient disposition to the same level of performance as adult standards.

### Objectives:

- Use their knowledge of field triage guidelines to revise pediatric transportation determination procedures.
- Identify training opportunities to educate providers under their direction to reliably recognize emergent vs non-emergent pediatric trauma patients.

- Critique trauma transport decisions through the performance improvement process within agencies under their direction.

### Speaker:

Nathaniel Kreykes – MD, FACS

Laura Carroll-Contreras – MD, FACEP

Charlie Lick – MD, FACEP

## No Spice at the Top of the K2 Mountain

Lake Superior Ballroom N,O

**Description:** This presentation will explore emerging and changing trends in synthetic cannabinoid use. These agents are more commonly known as K2 and Spice in Minnesota. The presentation will include common effects seen, discussion of why this trend is occurring and treatments being done in the EMS and Emergency room setting.

### Objectives:

- Identify the synthetic Cannabinoids work in the body
- Recognize adverse signs and symptoms of synthetic cannabinoid use
- Discuss trends being seen on the national and regional levels.

### Speaker:

Kirk Hughes – RN, FF/EMT, CSPI

## Trauma Trumps Burn; Establishing Priorities

St. Louis River Room

**Description:** This talk will look at various cases where the patients suffered both burn and traumatic injuries. We will walk through prioritizing those injuries and the field treatments. The attendees will get a glimpse at what happens when those patients arrive at the combined Burn/Trauma Center

### Objectives:

- Identify both Burn and Traumatic injuries and apply triage criteria for those injuries
- Review field treatments for both Burn and Traumatic injuries

### Speaker:

William Mohr – MD, FACS

## Things Just Got Real: Violent Encounters and Team Safety

Split Rock Room

**Description:** We teach providers to ensure scene safety and we pound into their heads. Sometimes, despite the most carefully laid plans, and thoughtful preparation, things just go bad. What begins as a simple medical call can quickly reach critical danger. Sometimes, the situation changes so rapidly we don't have the chance to extricate ourselves. Join us for case studies and discussion on how to deal with these encounters, as well as solutions you can implement at your agency to improve provider safety.

**Objectives:**

- The student will identify some of the challenges that occur in EMS that we haven't been trained for.
- The student will explain how to mitigate scene hazards as they present themselves.
- The student will list solutions that can be implemented at the agency level to improve provider safety.

**Speaker:** Reuben Farnsworth – CCP-C, NRP

## Hey...You're Not Like Me

Gooseberry Falls Room

**Description:** As our society changes and becomes more culturally diverse, we, in public safety need to adapt to that diversity. In this session we will explore some norms of societies that are emerging in MN. And, maybe more importantly, explore strategies to assure a successful patient care encounter.

**Objectives:**

- Discuss different cultural norms
- Explore patient care strategies that allow for successful culturally sensitive patient care encounters.

**Speaker:** Brad Wright – MS, NRP

### BREAKOUT SESSIONS END

4:00 pm (Time Varies by Session)

### LEGISLATIVE FORUM

4:15 pm – 5:15 pm



VALLEY



MED FLIGHT

Traveling at 300 MPH the  
Grand Rapids VMF is  
your only dedicated northern  
Minnesota fixed wing.  
Any weather, any day, any time,  
Grand Rapids VMF is ready  
for your call!

**1-800-828-0168**



**Stop by our booth!**

- Giveaways and Prize Drawings
- Learn about our Safe Community Grants
- Discuss department training opportunities

**Teaming up with local first responders to keep our communities safe.**

As part of our commitment to keep our communities safe, Enbridge offers free, online education to local emergency responders. Register today at [mypipelinetraining.com](http://mypipelinetraining.com).

Our "Safe Communities" grant program provides grants to first responder organizations along our pipeline. Applications are available at: [enbridge.com/InYourCommunity/CommunityInvestment/SafeCommunity](http://enbridge.com/InYourCommunity/CommunityInvestment/SafeCommunity).



**Most comprehensive  
burn center in  
the Upper Midwest**

For patient consults and transfers, call  
Regions Direct: 800-922-BURN



Regions Hospital  
Burn Center

HealthPartners

GOLD SPONSORS

# SATURDAY

JANUARY 26

## REGISTRATION

7:00 am – 8:00 am  
Registration Area

## CONTINENTAL BREAKFAST

7:00 am – 8:00 am  
South Pioneer Hall

## OPENING REMARKS

8:00 am – 8:15 pm  
Adam Shadiow, Executive Director,  
Arrowhead EMS Association  
Lake Superior Ballroom-Main Dining Hall

## KEYNOTE: He Ain't Heavy, He's My Brother: A Responders Journey

8:15 am – 9:45 am  
Lake Superior Ballroom-Main Dining Hall

**Description:** First Responders have a suicide rate 10x greater than that of the general population. This presentation will address emerging awareness of mental health and wellness of First Responders from the speaker's perspective with over 25 years of Fire/EMS experience. A broad discussion of this emerging trend will occur and identify resources available for this population. The speaker's personal experience with suicide of a close family member who was a career firefighter will be shared.

**Speaker:** Kirk Hughes – RN, FF/EMT, CSPI

*Kirk is a Registered Nurse working as a Certified Specialist in Poison Information and Education Director for the Minnesota Poison Control System since 2000. He has been a Firefighter/EMT for the last 25 years and current serves as a member of the City of Ramsey Fire Department, EMS training officer for Lexington Fire Department and is recently retired from the Brooklyn Park Fire Department. Kirk also works as an Investigator for the Hennepin Medical Examiner's Office. He is a certified Advanced Hazmat Life Support Instructor, Hazmat Technician, and certified in Advanced Medical Life Support. He has been published in multiple publications including; The Journal of Perinatology and The Journal of Clinical Toxicology.*



**BREAK** (Refreshments and Exhibits)

9:45 am – 10:30 am

South Pioneer Hall

**BREAKOUT SESSION 4**

10:30 am – 11:45 pm

**First Responders: Building Resilience to Overcome Trauma**

French River Room

**Description:** Over the past decade, more and more attention has been focused on the mental health of our first responders, who often sacrifice their own well-being to help others in need. When a call comes in, they jump into action, without hesitation. On the other side of that, if they are struggling with the weight of their experiences in the line of duty, they often choose to put their own needs on the back burner. We are continually learning more about the brain and how we process trauma, including repeated exposure trauma and how this type of cognitive injury can impact individuals. There has been an abundance of research as of late that has shown how higher levels of resilience in individuals (and building resilience) can significantly impact or thwart the negative effects of trauma on the first responder population. As we continue to see rates of PTSD, depression and suicide in this population increasing at an alarming rate, there is now more reason than ever to find a way to help those who have dedicated their life to helping others. Fortunately, resilience is something that can be built and the steps to do so are easier than we may think. If we can help first responders better understand what is happening in their body and in their minds, as well as how they can take steps to influence their brain's response to trauma, the hope is that we will not only see a reduction in the rate of suicides in this population, but we will also see many of them break free of the burden that they once carried with them every day.

**Objectives:**

- Understand how repeated exposure trauma can significantly impact mental health, oftentimes more so than large, catastrophic events (which can also be very detrimental to mental health).
- Understand how trauma affects the brain and how resilience factors can counter those effects.

- Explain simple strategies that contribute to building resilience and countering the stress response.
- Know how to recognize symptoms of trauma in oneself or others, and where one can seek out resources.

**Speaker:** Amy LaRue – DHEd, MCHES**Badges, Guns and Band-Aids: Law Enforcement First Responders**

Lake Superior Ballroom L,M

**Description:** When a police officer arrives on scene, we naturally think someone is going to jail, getting a ticket or they just get in the way on a medical call. Not all police sit at the donut shop! In today's world of public safety, there is a valuable key asset with law enforcement having medical response capabilities with knowledge and equipment. When seconds count, that police officer may be the difference between life and death of the sick and injured. EMS is not the first and only line of medical support for the sick and injured, the chain of survival involves all of the key players. This lecture will be full of videos and pictures.

**Objectives:**

- Discuss statistical and historical data for law enforcement first responders
- Discuss the level of training needs and equipment
- Discuss scene and patient management
- Discuss transport considerations

**Speaker:** Jason Dush – FF, NR/CCEMT-P, FP-C**Beyond Breaking Bad**

Lake Superior Ballroom N,O

**Description:** Methamphetamine use continues to grow across Minnesota. As methamphetamine use becomes increasingly common, prehospital and ED personnel should become ever more familiar with common, not-so-common, and potentially life-threatening complications of methamphetamine abuse. This presentation will focus on identification of and initial therapies for the immediate life threats common to methamphetamine exposure, with specific focus on both methamphetamine "stuffers" (those who ingest baggies with the intention to conceal their drug) and those who present with mixed toxidromes in the era of novel drugs of abuse, unintentional mixed ingestions, and the changing face of drug abuse locally

and nationally. Particular emphasis will be placed on management of the hyperthermic methamphetamine patient (management of the “hot/tachy/psychotic” tox patient).

**Objectives:**

- Compare methamphetamine “stuffers” to “packers,” and understand the clinical differences portended by this distinction.
- Recognize the dissonance between reported ingestion and disparate toxidromes common to the present landscape of drugs of abuse.
- Identify indications for observation following methamphetamine stuffing, and understand the literature underpinning this decision.
- Discuss the management of the hyperthermic tox patients (management of the “hot/tachy/psycotic” tox patient).

**Speaker:** Travis D. Olives – MD

## Mass Casualty: Are You Ready?

St. Louis River Room

**Description:** In this presentation, we will explore previous mass casualty incidents (MCIs) and the response from providers– from first contact to hospital admission– that helped change the way we approach and plan for the next big incident in our own jurisdictions. We will explore the most likely possibilities for MCIs in our local regions, and ways to prepare ourselves and our departments to work effectively in the face of disaster.

**Objectives:**

- Understand the definition of MCI
- Be able to describe with constructive criticism previous MCI response
- Review and begin to develop MCI protocol for EMS
- Identify situations in which breaking from protocol is the appropriate MCI response
- Identify unique factors to consider in MCI for children and those with disabilities

**Speaker:** Shawn Brown – MD

## To Pee or Not To Pee

Split Rock Room

**Description:** We will review the different types of dialysis, what a dialysis patient must go through on a daily basis and the high maintenance each type of

dialysis requires. We will also review what things EMS personnel are likely to find when responding to a patient who happens to have renal failure or is on dialysis despite what the reason for calling EMS was.

**Objectives:**

- List at least three risk factors for developing renal failure.
- Understand what effects renal failure has on the body and the common complications the patients experience when on dialysis
- List the two different types of dialysis and the risks and benefits of both.
- List the most common potentially lethal condition associated with renal failure and the medications needed to improve the patient’s outcome.

**Speaker:** Janet Taylor – RN, NREMT-B

## Spirituality at 60MPH

Gooseberry Falls Room

**Description:** Does your patient really need another dose of epinephrine or would the clergy from their local house of worship serve them better? You KNOW the answer to that question-right?!? This presentation is all about the human spirit and the light inside each of us that makes us get up and answer the call to duty at 0300. It also has something to do with the many intangibles we experience as care providers and the connection we make with our patients. Could it be that some folks love EMS, but the real question is: can EMS love you back? Join Gary on the road less traveled and be prepared to be refreshed and enlightened!

**Objectives:**

- Upon completion of this program the attendee will have a greater insight into their Spirit-of-EMS.
- Upon completion of this program attendee will gain insight into some patient’s spiritual needs and how they might be better able to meet those needs
- Attendee will gain insight into what it means to be a patient and rely on others for their care and the sacred trust patients place in our hands.
- There is no guarantee that this program will eliminate any “holier-than-thou” attitudes, but it may help ground a few stray “High Fliers.”

**Speaker:** Gary Wiemoky – EdD, MPH, EMTP, RN, EMSI

**LUNCH**

11:45 am – 12:45 pm

Lake Superior Ballroom-Main Dining Hall

**BREAKOUT SESSION 5**

12:45 pm – 2:00 pm

**Just Breath**

French River Room

**Description:** Breathing is much more than an involuntary function. Controlled breath techniques can unlock our body's natural tranquilizers, aid in short-term stress relief and can increase our ability to mentally focus and learn. When these controlled breath techniques are combined with Progressive Muscle Relaxation, as part as of long-term stress relief program, can increase our stress management and provide deep relaxation for both body and mind.

**Objectives:**

- Learn use of breath techniques for short-term stress relief
- Learn to use breath techniques to increase mental focus, memory and learning
- Learn how breath techniques can unlock the body's natural tranquilizers for long-term stress relief
- Learn how to use Progressive Muscle Relaxation (PMR)
- Learn how to combine Breath Control and PMR for long-term stress management and deep relaxation

**Speaker:** Holly E. Brodt – *BS Clinic Psychology & Resiliency Trainer*

**Humpty Dumpty Did What???**  
**Trauma Case Studies**

Lake Superior Ballroom L,M

**Description:** In a case study format, there will be videos and pictures to depict insult of injury patterns as we have group discussion on highlights of patient and scene management priorities.

**Objectives:**

- Discuss statistical and historical data on trauma patient management in EMS
- Discuss patient assessment priorities
- Discuss patient management priorities
- Discuss case studies

**Speaker:** Jason Dush – *FF, NR/CCEMT-P, FP-C*

**This parachute is a knapsack!**  
**Rational management of prehospital risk in the era of ultrapotent opioids**

Lake Superior Ballroom N,O

**Description:** Ultrapotent opioids are now commonplace adulterants of national, regional, and local heroin supplies. Further, opioids are becoming increasingly common adulterants in other drugs of abuse, such as methamphetamine. In the setting of potential exposure to ultrapotent opioids, a framework describing best evidence for identifying risk, taking appropriate personal protection, and managing perceived dangers is needed. This talk will seek to undertake these goals, with the intention of arming prehospital providers with the an optimal understanding of risk, and what precautions they need (or don't need) to take in situations suspicious for ultrapotent opioids.

**Objectives:**

- Discuss the scope of the ultrapotent opioid epidemic in Minnesota and more broadly.
- Review pharmacokinetic concepts as they pertain to dermal and inhalational exposure to fentanyl analogs.
- Consider a rational approach to risk mitigation in settings where exposure to drugs of abuse is possible.

**Speaker:** Travis D. Olives – MD

**The Big Chill: Frostbite Injuries**  
St. Louis River Room

**Description:** This presentation will discuss the complications of frostbite and the care management considerations through case scenarios. When to rewarm and when to keep frozen in transport. Indications for utilization of thrombolytics and when the clock starts for using it. New treatment considerations in the care of the hypothermic and frostbit patient.

**Objectives:**

- Discuss the consequences of hypothermia and frostbite to the body.
- Describe the rewarming process for a patient with frozen extremities or frostbite.
- Identify key management strategies for a patient with frostbite and hypothermia.
- List one new treatment consideration for the care of a hypothermic and frostbitten patient.

**Speaker:** Jon Gayken – MD

## Waiting to Exhale

### Split Rock Room

**Description:** The American Heart Association has deemed Capnography the gold standard for many years in assessing circulatory status and confirming ETT placement. But we aren't just applying it to assessing the severity of a respiratory distress any longer; we use it for post anesthesia, assessing the efficiency of compressions during CPR, monitor patients on magnesium drips, and many more applications. This presentation goes through how ETCO<sub>2</sub> is created, exhaled and a step-by-step method for analyzing waveforms and assessing the respiratory and circulatory status of your patient.

#### Objectives:

- Understand how ETCO<sub>2</sub> can be a prognostic indicator to survival with high quality CPR
- Explain how metabolism and perfusion are correlated with ETCO<sub>2</sub> production
- List at least three factors that contribute to high ETCO<sub>2</sub> levels.
- List at least three factors that contribute to low ETCO<sub>2</sub> levels.
- List at least three common indicators for utilizing ETCO<sub>2</sub> monitoring
- List at least two differences between pulse Oximetry and ETCO<sub>2</sub> monitoring

**Speaker:** Janet Taylor – RN, NREMT-B

## The Toxic House, What Children Find...

### Gooseberry Falls Room

**Description:** Have you ever been call to a child choking? How about if the dispatch indicates, "child took something?" When you arrive on scene and begin to sort out the possibilities you actually discover that the youngster has ingested something that is not for human consumption or it is...if they were say 68 years of age and 150 pounds! What is it that children so often find, why are they drawn to toxic items, what can EMS do about this? Join Gary in this presentation of discovery and what you can do about making a positive change and taking public health preventative action.

#### Objectives:

- Be able to list why children are drawn to toxic items.
- Be able to identify what some of the "hidden" toxic items in the home are.
- Gain insight into assisting families improve the safety of their home by removing or properly storing toxic substances.

**Speaker:** Gary Wiemoky – EdD, MPH, EMTP, RN, EMSI

## BREAK (Refreshments and Exhibits)

2:00 pm – 2:45 pm

South Pioneer Hall

## BREAKOUT SESSION 6

2:45 pm – 4:00 pm

## Scene Safety or Stigma?

### French River Room

**Description:** Are those who are suicidal violent? Are we practicing scene safety or simply being paranoid? Join Chris for an evidence based look suicide, murder-suicide, and mass murder-suicide. Learn the true nature of what is going on and the stigmas EMS is buying into.

#### Objectives:

- Discuss theory relating to murder-suicide.
- Institute scene response plans to reflect the evidence base.
- Identify myths and stigmatizing beliefs.

**Speaker:** Chris Caulkins – MPH, MA, EdD, NRP

## Bleeding Control Made Easy: Tourniquets, Pressure Points and Wound Packing

### Lake Superior Ballroom L,M

**Description:** When I went to EMT school, I had numerous bandages for different types of wounds and that's all I could use. Not all of my patients met the text book type injuries and what was I to do with all of my bandages? Today's data supports a paradigm shift of bleeding control measures that are simple and effective for medical providers and the general public. This class will cover hands on demonstrations of simple and effective techniques along with tricks of the trade that will change the way you do bleeding control. This lecture will be full of videos and pictures.

#### Objectives:

- Discuss statistical and historical data on bleeding control in EMS
- Discuss patient management priorities
- Discuss tools for bleeding control
- Demonstrate bleeding control techniques

**Speaker:** Jason Dush – FF, NR/CCEMT-P, FP-C

## Lets Talk: Eliminating the Stigma Surrounding Mental Health

Lake Superior Ballroom N,O

**Description:** This presentation is an account of my journey with mental illness. It is a personal story of the challenges faced with mental illness but also the positive effects of dealing with it.

**Objectives:** To get people comfortable with having the conversation about mental illness

**Speaker:** Mark Wick

## Saving Lives in Trauma Care – What is REBOA?

St. Louis River Room

**Description:** Early recognition and intervention is critical to saving lives and providing best outcomes. Thinking and acting fast count toward early interventions. This presentation will highlight care across the continuum including the importance of the role for EMS.

**Objectives:**

- Identify activation criteria in trauma care.
- Describe hemorrhage control techniques in both the pre-hospital and acute care hospital setting.
- Describe the role EMS plays in communication.
- Describe the role EMS plays in early trauma care interventions.

**Speaker:** Steven Haasken – MD  
Jay Shoap – MD  
Kevin Guenard – FNP-C, NREMT-P

## Pump Up The Volume

Split Rock Room

**Description:** Ventricular Assist Devices are becoming more common with the increase in Heart Failure patients and not as many available heart transplants as are demanded. Ventricular Assist Devices (VADs) are giving heart failure patients a few options. We discuss Bridge to Transplant, Bridge to Destination, etc. as well as how to manage a patient with a VAD. Brands of VADs, which ones you are most likely to be working with, what the alarms and buttons on the controllers mean, how your assessment changes, etc.

**Objectives:**

- Name the two brands of VAD's that are FDA approved for both BTD and BTT
- Differentiate between Bridge to Transplant and Bridge to Destination.

- List at least two things that will change about how you assess a VAD patient.
- List at least two things to assess for to confirm adequate perfusion.

**Speaker:** Janet Taylor – RN, NREMT-B

## Patient Advanced Directives

Gooseberry Falls Room

**Description:** The existence of end-of-life wishes or medical orders provided by a patient or their physician can be problematic for EMS. Understanding what medical care to provide or withhold is difficult to negotiate and can change and impart confusion into resuscitation decisions. This class will explore advanced directives describing the range of documents, medical orders and situations encountered in the pre-hospital setting as well as addressing some of the legal and medical-ethical considerations.

**Objectives:**

- Provide an overview into the realm of advanced directives focusing on an understanding of their implications for EMS.
- Describe the different implications and actions for EMS when presented with the following:
  - Do Not Resuscitate/Intubate physician orders
  - Advanced directives
  - Living wills
  - DNR tattoos and bracelets
  - POLST and MOLST documents
  - Verbal requests to withhold resuscitation
- Demonstrate the importance of establishing both resuscitation criteria and written guidelines for discontinuing care.
- Describe the MN and WI statutes and differences related to DNR/DNI orders, when they should be honored, and who they pertain to.

**Speaker:** Charles G. Gallet – BA, NRP, MN Paramedic

## BREAKOUT SESSIONS END

4:00 pm (Time Varies by Session)



## FOR THE MOST AMAZING PEOPLE ON EARTH.

We're proud to work with the EMS community to ensure kids have access to the highest level of pediatric trauma care from arrival to discharge. With in-house pediatric surgeons and specialists we care for more than 1,000 trauma patients each year. Kids do better here.

Contact Children's Physician Access 24/7 for patient consults and transfers at 866-755-2121.



Level I Pediatric Trauma Center



[childrensMN.org/trauma](http://childrensMN.org/trauma)

### Dedicated to the work of health and healing

SANFORD  
**AirMed**



SANFORD  
HEALTH  
EMS Education

[www.sanfordhealth.org/medical-services/airmed](http://www.sanfordhealth.org/medical-services/airmed)  
(844) 4-AirMed

[www.sanfordhealthemseducation.org](http://www.sanfordhealthemseducation.org)  
701-364-1750

# YOU'RE A LIFESAVER!

— Thank you for all that you do! —

[mayomedicaltransport.com](http://mayomedicaltransport.com)



GOLD SPONSOR

# SUNDAY

JANUARY 27

## REGISTRATION

7:00 am – 8:00 am

Registration Area

## BREAKOUT SESSION 7

8:00 am – 9:15 pm

### STEMI Case Studies...Starring EMS!

French River Room

**Description:** STEMI heart attack care is one of the most time critical challenges for EMS. Every minute counts. That is why it is imperative for EMS to understand and stay sharp on 12-Lead ECG skills, and treatment protocols. Listen to Richard Mullvain, a leader in STEMI care, share his unique style of presenting case studies, along with learning the latest research and protocols. Be inspired

by the cases presented and take back the teaching moments to your squad that could save more lives, as well as improve the quality of life of STEMI patients.

**Objectives:**

- Review the basics of STEMI care and understand how to use current protocols to provide better care for your patients.
- Explore quality improvement efforts and research from our region and take away key practice changes to improve the care and outcomes of STEMI patients.
- Review STEMI case studies from our area and consider new lessons and ideas to optimize patient care.

**Speaker:** Richard Mullvain – RPH, BCPS (AQC), CCCC



## When the Simplest Things Make the Biggest Difference: BLS Airway Management

Lake Superior Ballroom L,M

**Description:** Ensuring quality in pre-hospital airway management is challenging because the generally fast-paced process occurs in a less-than-ideal setting with bad lighting, limited space, and under demanding circumstances. In a case study format, we will highlight core measures of patient safety, timeliness, oxygenation, and ventilation. Our biggest challenge as providers, is deciding when airway skills are right for the patient. When you pull out your “airway bag” or “tool box” what are you going to do? This lecture will be full of videos and pictures.

### Objectives:

- Review airway anatomy
- Discuss the common pitfalls to airway management
- Discuss basic techniques to manage simple and difficult airways
- Demonstrate live airway management techniques

**Speaker:** Jason Dush – FF, NR/CCEMT-P, FP-C

## What a Bullet Will Do To Your Body

Lake Superior Ballroom N,O

**Description:** This class will review ballistic injuries. Low, medium and high velocity injuries will be reviewed. Having a better understanding of what a bullet can do can make the EMS professional more aware of what may occur with these trauma patients.

### Objectives:

- Describe how penetrating trauma can affect body tissues
- Review how low, medium and high-speed energy destroys body tissue
- Compare the injury patterns from low and high-speed projectiles
- Breakdown the anatomy of a gunshot occurring to the body
- Summarize the emergency medical care that is administered in the EMS setting

**Speaker:** Jeff Schultz – NRP, CCEMT-P  
Instructor of Emergency Medicine

## Protecting EMS in the Era of High Consequence Infectious Diseases-New Tools from MDH

St. Louis River Room

**Description:** This presentation will discuss new concepts of managing high consequence infectious diseases in EMS. This term is being used to broaden recommendations from just Ebola to other diseases currently occurring in the world and might present in Minnesota. The Minnesota Department of Health has been working on new tools for health care entities to use to screen and manage a person suspected with a high consequence infectious disease. The process extends from the first responders to the hospitals.

### Objectives:

- The participant will be able to describe how a patient can be assessed for a high consequence infectious disease.
- The participant will be able to choose personal protective equipment needed to care for a person with a HCID.
- The participant will be able to describe every day practices that can prevent exposure to infectious agents.

**Speaker:** Mary Ellen Bennett – MPH, RN, CIC

## Just the Basics

Split Rock Room

**Description:** We review the indications, contraindications, side effects, and little-known trivia about SL Nitro, aspirin, Charcoal, Epi-Pen, Oxygen, Oral Glucose Gel and Albuterol. All medications that are currently approved for BLS administration by the National Registry (and a few that aren't). Did you know? The same activated charcoal used for overdoses is also great for removing odor from cat litter? And it works the same way in your gut!

### Objectives:

- List the 5 rights of administering a medication
- Understand how to document medication administration for justification
- List the 7 approved medications for administration by an EMT according to the National Registry.
- List at least one indication for each medication and the contraindications for each.

**Speaker:** Janet Taylor – RN, NREMT-B

## **BREAK** (Refreshments)

9:15 am – 9:30 am

Lobby

## **BREAKOUT SESSION 8**

9:30 am – 10:45 am

### **Drive to Survive – A Deeper Look Into the EMS Role**

French River Room

**Description:** Emergency Medical Services play a supporting role in our Driving 4 Safe Communities (D4SC) coalition and in helping Education, Engineering and Enforcement inform drivers on ways to improve driver behavior on Minnesota's roadways. The mission of our D4SC coalition is to provide applicable knowledge to help EMS gain knowledge of the contributing factors of motor vehicle crashes, current trends and crash statistics in efforts to become safer, more attentive drivers in the EMS field.

#### **Objectives:**

- Participants will gain knowledge that directory relates to the main 4 reason why crashes happen on Minnesota roads.
- Participants will understand the Towards Zero Death (TZD) initiative to pursue public support of traffic safety as a priority.
- Participants will understand the role they can have to strengthen TZD as a traffic safety partnerships.
- Participants will understand how to promote and implement effective traffic safety strategies into their daily lives; (as well as their jobs as part of the EMS).

**Speaker:** Allison Nicolson – CTRS, CPSI  
Lieutenant Jason Hanson  
Sarah Buhs – Captain, EMT, Firefighter,  
CPS proxy and Fire and Life Safety Educator  
Victor Lund – Professional Engineer

### **When I Don't Have Siri, Alexa or Google: BLS Critical Care Assessment**

Lake Superior Ballroom LM

**Description:** Critical thinking in medicine requires using logic to understand medical problems and make

reasonable decisions in patient management. Have you had that patient that stumped you or made you really think? Have you had that call where your patient assessment and management flow didn't go so well because you didn't know where to start with treatment priorities? Jason will break down and simplify the ABC's of patient assessment, management, and treatment priorities. This fun and exciting class will have you walking away feeling more comfortable, confident and competent with your critical thinking and patient management skills.

#### **Objectives:**

- Discuss common pitfalls to critical care patient assessments
- Discuss three key elements of a patient assessment
- Discuss effective patient management of the critical patient for BLS providers
- Discuss case studies

**Speaker:** Jason Dush – FF, NR/CCEMT-P, FP-C

### **Altered Mental Status = Altered EMS Treatments**

Lake Superior Ballroom N,O

**Description:** Trying to figure out what direction to travel when EMS responds to a call with a chief complaint of "Altered LOC" can be difficult. Making sure we are treating for the right field diagnosis is important for quality patient care. A look at case studies and proper patient assessment along with differential diagnoses will be covered.

#### **Objectives:**

- Understand the pathophysiology of AMS complaints.
- Define several causes of altered mental status
- Outline an approach to the assessment and treatment of the patient with altered mental status
- Explore a differential diagnosis approach to managing patients

**Speaker:** Jeff Schultz – NRP, CCEMT-P  
Instructor of Emergency Medicine

## Responding to the Opioid Crisis: Utilizing Valuable Tools

St. Louis River Room

**Description:** This presentation focuses on the current opioid crisis within Minnesota and the Arrowhead region specifically. The most current opioid overdose death data and trends will be examined; as well as public health and medical initiatives in the area aimed to reduce these numbers. An introduction to the medications used as tools in responding to the opioid crisis- naloxone, Suboxone and methadone- will be included. Their use, misuse, and implications on additional medical care will be discussed.

### Objectives:

- Discuss the impact and trends of the opioid crisis in the Arrowhead region and Minnesota in general.
- Differentiate the mechanisms of action for naloxone, Suboxone, and methadone.
- Explain how each of these medications can be used to treat opioid use disorder.
- Describe the implications these medications may have on additional medical care of patients.
- Review current public health resources and initiatives that strive to reduce the impact of the opioid crisis.

**Speaker:** Heather Blue – PharmD, BCPS, BCGP  
Laura Palombi – PharmD, MPH, MAT  
Brandon Hankey – MD

## Readin' and Rightin'

Split Rock Room

**Description:** We review the importance of good spelling, the reasons behind this "necessary evil", how to chart not only to benefit the patient but also to cover your backside. How to chart in a way to increase the amount of reimbursement from healthcare coverage agencies, terms to use and to avoid in charting, special considerations like elder and child abuse/neglect situations and how to chart regarding subjective and objective data.

### Objectives:

- List at least three things that are considered "critical" components of a chart
- List at least three commonly used words in healthcare that can be taken out of context very easily and should be avoided.
- Review special circumstances in charting that always raises "red flags" including Abuse situations, Resuscitation terminations in the field and regards to HIPPA Violations.

**Speaker:** Janet Taylor – RN, NREMT-B

## BREAK (Refreshments)

10:45 am – 11:00 am

Lobby

## BREAKOUT SESSION 9

11:00 am – 12:15 pm

## The Future of Early Activation

French River Room

**Description:** OneLink™ is a mobile app allowing EMS, Law Enforcement, Fire and hospitals to request air medical transport with a click of a button. Life Link III's OneLink™ connects a mobile device, tablet, or desktop directly to the Life Link III Communication Center to request an aircraft when critical care transport is necessary. All transport requests are transferred immediately to Life Link III's computer aided dispatch (CAD) system to get the request initiated as quickly as possible - when time and the patient are critical.

### Objectives:

- Understand the use of Air Medical Resources
- Discuss utilization of One Call
- Demonstrate use of OneLink™ Application
- Recognize the importance of Early Activation

**Speaker:** Amy Saylor – RN, CFRN, CMTE  
Lucas Stoflet – EMD, CTO, CFC

## Leadership for New Aspiring Leaders

Lake Superior Ballroom L,M

**Description:** So you want to be a leader? What does it take and what do you bring to the table. It's easy to tell ourselves that we can do a better job than the person in charge. Being in charge does not constitute good leadership. How do we make an impact on others, serve with purpose and passion? Let's challenge each other to be better and impactful. This class is for all and will involve open group discussion as we will all learn from each other. That's what leadership is about!

### Objectives:

- Discuss the key values of a leader
- Discuss the common leadership cultures
- Discuss Leadership ethics and integrity
- Discuss management vs leadership

**Speaker:** Jason Dush – FF, NR/CCEMT-P, FP-C

## Medication Administration – Basic Style

Lake Superior Ballroom N,O

**Description:** This lecture will address the medications that many basic and first responder services carry. Having a better understanding of why we use these medications and how they are administered will create most of this presentation content. Safety and medication errors will be discussed also. Side effects and complications of each medication is an important part of this presentation.

### Objectives:

- Review how medication is absorbed by the body
- State medication usage in the EMR and EMT setting
- Discuss side effects and intended effects of medication that is delivered by EMS personnel
- Restate indications for the use of medications in the BLS setting
- Establish a medication safety check system to avoid medication errors in the field
- Understand proper use of the medications that are carried by BLS EMS personnel

**Speaker:** Jeff Schultz – NRP, CCCEMT-P  
Instructor of Emergency Medicine

## Life Link III Case Studies Part 1

St. Louis River Room

**Description:** Do all patients with a metabolic acidosis need Sodium Bicarb? In this short TED Talk style vignette, we will discuss the pros and cons to administering the beloved “sodium bicarbonate.”

### Objectives:

- Understand the pharmacokinetics of sodium bicarb
- Break down the physiology of elevated and non-elevated anion gap acidosis
- Comprehend the respirators compensation needed for bicarb to work

**Speaker:** Tyler Christifulli – NRP, FP-C  
Troy Cushman – CFRN, RN

## Life Link III Case Studies Part 2

St. Louis River Room

**Description:** 0-25-minute presentation on a patient presenting a cardiovascular collapse secondary to calcium channel blocker tablet ingestion.

### Objectives:

- Discuss the presentation and toxidromes of a patient that has overdosed on Calcium Channel Blockers
- Understand the importance of patient optimization
- Recognize the latest treatment modalities for Calcium Channel Blockers

**Speaker:** Johanna Thompson – FP-C, CCCEMT-P

## I've Got A Crush on You Split Rock Room

**Description:** Why isn't the systemic effect of crushing your hand the same as crushing your leg? What happens that makes crush injuries distinctive from other trauma injuries? In this session, we will go over crush injuries from start to finish. What happens at the moment a heavy weight hits the body and what do we need to do before that weight comes off. We will review some common medications in EMS that we need to have available in order to improve your patient's outcome and why they should be given.

### Objectives:

- Differentiate between Crush Injury and Crush Syndrome.
- List at least 2 complications that occur with Crush Syndrome
- Understand the interventions performed when treating a Crush Syndrome patient and how they work.
- List the most common areas of the body that are more susceptible to creating Crush Syndrome.

**Speaker:** Janet Taylor – RN, NREMT-B

**BREAKOUT SESSIONS END**  
12:15 pm (Time Varies by Session)

# PRESENTERS

## **Matt Ashmore** – *NREMT Paramedic*

- Is a Battalion Chief/EMS Director for Hibbing Fire Department.
- A 20+ year veteran in Fire & EMS
- Instructor/Clinical Coordinator Mesabi Range College Paramedic Program
- NAEMT AMLS and PHTLS Instructor/Coordinator
- AHA BLS, ACLS and PALS Instructor
- Handtevy Instructor

## **Mary Ellen Bennett** – *MPH, RN, CIC*

Mary Ellen Bennett is employed by The MN Department of Health with the ICAR Team. ICAR is a new program to promote infection prevention in health care facilities. Previously, she was the Director of Infection Prevention and Employee Occupational Health at Hennepin County Medical Center. She is Board Certified in Infection Control. Ms. Bennett's background is nursing, and she has been an active member of APIC-MN, which is the professional organization for infection prevention locally and nationally. She is passionate about safe patient care, preventing healthcare associated infections, ensuring safety for healthcare providers, and emergency preparedness.

## **Heather Blue** – *PharmD, BCPS, BCGP*

Dr. Blue is a Assistant Professor at the University of Minnesota College of Pharmacy- Duluth campus. She completed her PharmD at the University of Minnesota and completed a PGY-1 residency at Allina Health Mercy and Unity hospitals. After residency, she worked as clinical pharmacist at Mercy Hospital. Her current research is based on her clinical practice in the emergency department at St. Luke™'s Hospital Duluth, with an emphasis in opioid overdose reduction strategies.

## **Holly E. Brodt** – *BS, CISM, Peer Counselor*

Holly Brodt is a retired St. Paul Police Officer who has been a Certified Police Peer Counselor for 30 years and a Certified in Critical Incident Response and Critical Incident Stress Management for 20 years. In addition to

her Law Enforcement Degree, she holds a Bachelor Degree in Clinical Psychology from Northwestern University. She is an active member of the Arrowhead CISM Team (since 2012), an Arrowhead CISM Outreach Education Instructor.

## **Shawn Brown** – *MD*

Dr. Shawn Brown is a physician board-certified in emergency medicine, with pre-hospital care background as an EMT and athletic trainer. She currently serves as the emergency preparedness physician liaison for St. Luke's Hospital in Duluth, MN, coordinating with hospital and community agencies in preparation for mass casualty and other disaster-related incidents.

## **Sarah Buhs** – *Captain/EMT/ Firefighter, CPS proxy and Fire and Life Safety Educator*

Sarah Buhs has worked in the fire service for over 19 years. She has been the Public Education Coordinator for the CAFD since 2011. She has created and implemented many life safety programs in Carlton and Saint Louis Counties. Sarah is also a Child Passenger Safety Proxy and actively participates in the Safe Kids NE MN and Driving 4 Safe communities coalitions. She also strives to meet the CAFD's mission "...to improve and enhance the quality of life within the communities we serve."

## **Laura Carroll-Contreras** – *MD, FACEP*

Dr. Carroll-Contreras is a Board-certified physician practicing primarily at Mercy Medical Center, Level 2 Trauma Center in Coon Rapids, MN. She is currently Department Chair of Emergency Medicine. Dr. Contreras also serves on the Executive, Credential, Trauma Process Improvement and Trauma Morbidity and Mortality Committees. She is active in both research and publishing within the emergency medicine community.

## **Chris Caulkins** – *MPH, MA, EdD, NRP*

Chris is executive director of the Strub Caulkins Center for Suicide Research, program director /faculty

for an emergency medical services (EMS) program, and paramedic for a municipal EMS agency. Chris has been the EMS coordinator for a municipal public safety department, an operations manager for the largest private ambulance service in Minnesota, and retired from the fire service after nearly 15 years as a firefighter. Chris serves on the Minnesota Suicide Prevention State Plan Goal 3 Subcommittee, the Minnesota Ambulance Association Wellness and Suicide Prevention Committee, the National Action Alliance for Suicide Prevention Subcommittee on Emergency Responders (a federal-private partnership), the National Alliance on EMS Resiliency, and as a peer support facilitator for those who are bereaved by suicide. Chris is certified as an emergency manager by the Minnesota Department of Homeland Security and as a psychological autopsy investigator and college and university suicide prevention specialist by the American Association of Suicidology.

Chris became a suicidologist after the suicide death of his wife in 2003. Chris' resolve strengthened after the suicide death of his brother and multiple EMS colleagues. He has experienced, first-hand, the sting of depression, anxiety, PTSD, and suicidal ideation. Chris has published and presented on suicide and related phenomena on a state, national, and international level.

## **Tyler Christifulli** – *NRP, FP-C*

Tyler Christifulli is a flight paramedic for Life Link III and is based out of Rice Lake Wisconsin.

## **Troy Cushman** – *CFRN, RN*

Troy Cushman works as a flight nurse for Life Link III and is based out of Rice Lake Wisconsin.

## **Kerry Degen** – *B.A., NRP, FP-C, CP-C*

Kerry Degen has been in EMS since 1993 and a Paramedic since 1997. He has been a paramedic in rural and urban settings, a manager, and an educator. He is currently the Program Director for the Paramedicine and EMS programs in St. Cloud and a Flight Paramedic for Life Link III



**Daniel Denton** – *EMR, Fireman*

- Firefighter – 2008
- EMR - 2012

**Sheila Denton** – *EMT, CPS Technician,*

*EMS Instructor, CPS Southern MN Liasan*

- EMT – 1999
- Chief Granada 1st Responder – 2010
- CISM – 2014
- Rehab – 2010
- CPR Instructor – 2016
- CPS Technician – 2017
- Southern MN Liasan CPS – 2017

**Jason Dush** – *NR/CCEMT-P, FP-C, FF*

Jason serves as the EMS Manager for the Texas Department of Public Safety, Division of Homeland Security and Emergency Management, Office of the Chief of Staff. Prior to working for DPS, he was the Chief Operating officer for MedicOne Medical Response, which is a national ambulance transport company where he was previously the National Vice President of Clinical Services. He previously worked as a full-time Firefighter Paramedic for the Arlington Fire Department for 9.5 years where he also served as the EMS Clinical Coordinator for 3 years. Jason's resume includes 21 years of paid EMS/Fire and 13 years as a Critical Care flight paramedic. Other experiences include 8 years on a ground ambulance with Austin-Travis County EMS. Jason has been an active commissioned police officer and Tactical Paramedic since 1997, currently commissioned as a Williamson County Deputy Constable. Jason is passionate about EMS education and is a known speaker locally and nationally over the last 14 years for bringing a sense of humor, passion, energy and practical experience to his audience.

**Chris Ebright** – *B.Ed., NRP*

Chris is an EMS Education Coordinator with the National EMS Academy in Louisiana. He has been providing prehospital emergency care, ranging from primary EMS response to critical care transportation by land and air for over 23 years. In addition, Chris has educated future first responders, EMTs and paramedics, nurses and doctors for over 22 years. Chris holds a Bachelor of Education Degree from the University of Toledo and is currently an annual presenter at local, state and national EMS and public safety conferences. He

is a self-proclaimed sports and movie junkie and enjoys traveling as often as possible throughout the United States.

**Therese Elverum** – *RN, EMT*

Therese has been in EMS for 25+ years, and an RN since 2006. She lives at home in Fayal Township with her husband Chris. They have three grown children, one adorable grandson and two dogs, Stewie and Scarlet. She loves to travel and attend as many concerts as possible (especially any bands associated with the Grateful Dead). Therese is a semi-professional photographer, mainly concentrating on wildlife and nature, with a few weddings, grad pictures and personalized photo shoots thrown in between. Her true passion is in teaching; she loves learning from her students as much as she enjoys sharing her knowledge and experiences.

EMS Experience – Eveleth Ambulance

- 15 years (currently EMS Operations Supervisor)
- Fayal Fire Department, Firefighter/EMT – 25 years
- RN Experience - Virginia Regional Medical Center, ICU, ER, and Trauma / STEMI / Stroke Manager
- Cook Hospital – Hospital / ER

**Reuben Farnsworth** – *NRP, CCP-C*

Reuben started his career in EMS as an EMT-B on a rural volunteer service and is currently a Critical Care Paramedic and Education Coordinator with Delta County Ambulance District. Reuben owns and operates RockStar Education and Consulting and teaches full time all over the country on topics from CPR to Paramedic Refresher and everything in between. Reuben was recently invited to participate in the Job Analysis Subject Matter Expert Group for the CCP-C exam with the IBSC. You can find Reuben on the web on FaceBook as RockStar Education and Consulting, or on his website; [www.rockstareducation.net](http://www.rockstareducation.net) and [www.rockstarmedic.com](http://www.rockstarmedic.com). Reuben can be reached by email at [rockstareducation@gmail.com](mailto:rockstareducation@gmail.com)

**Geoff Galaski** – *NREMT Paramedic, AEMSA Board Member*

Geoff has 20 years of experience in public safety fields. He is currently the Executive Director for the Ely Area

Ambulance Service, which services over 1,500 sq. miles. Currently serves on the AEMSA Board of Directors. Has been an EMS educator for 16 years.

**Charlie Gallet** – *BA, NRP, MN Paramedic*

Involved in EMS for over 43 years, Mr. Gallet was an EMS representative to the MN Medical Associations POLST/DNR work group and a participant in the Univ. of MN, Duluth E.C.H.O. program which dealt with end-of-life decisions, medical ethics issues, as well as pre-hospital and inter-facility transfer documentation improvement. He was the medical quality assurance manager for ground operations at Mayo Clinic Medical Transport for 20 years. His experience includes EMS protocol and treatment guideline development. He is a Nationally as well as MN registered paramedic.

**Jon Gayken** – *MD*

Trauma and Burn Surgeon and Assistant Trauma Director at a Level I Adult and Pediatric Burn Center. As a child had significant shin grafting done and was cared for in a burn center. Brings this experience and his expertise in the care of burn and frostbite victims into the presentation. Has done multiple research studies in burn and frostbite care to maximize patient outcomes.

**Lucas Goodin** – *NRP, AEMSA Board Member*

Lucas Goodin is the Fire Chief for the Cromwell-Wright Fire and Ambulance District with 21 years experience working in the pre-hospital setting. He has taught for Hibbing Community College/Advanced Minnesota since 2001. As well as working in the Emergency Department at Community Memorial Hospital in Cloquet, MN for the past 13 years. He also teaches with the CALS Program from the University of Minnesota across the midwest and with the U.S. Embassy.

**Mark Griffith** – *MPA, EMT*

Mark started in EMS in 2002, and currently volunteers with Le Center (MN) Ambulance. Mark started with SCEMS in 2009 as it's Education

Coordinator, becoming it's Director in 2014. Mark, his wife Kim and 2of their 4 children reside in Owatonna, MN.

### **Kevin Guenard** – *FNP-C, NREMT-P*

Kevin has worked in EMS and ER for over 20 years from Webster WI to Las Vegas, NV. Most recently he has been working in Trauma Surgery at St Mary's. He enjoys doing EMS education and keeping up to date on current practice issues.

### **Steven Haasken** – *MD*

Dr. Steven Haasken is a Pediatric Intensivist in the Pediatric Intensive Care Unit at Essentia Health St. Mary's. Dr. Haasken completed his fellowship in pediatric critical care at Children's Hospital of Wisconsin in Milwaukee seeing high volumes of pediatric trauma. Steve cares for pediatric critical care patients daily.

### **Brandon Hankey** – *MD*

Dr. Hankey received his medical degree from Creighton University. He then completed his emergency medicine residency at Grand Rapids Medical Education Partners, Grand Rapids, MI. He joined St. Luke's as an emergency department physician in 2015. He received his buprenorphine prescribing waiver in 2017.

### **Jason Hanson** – *Lieutenant*

Jason Hanson has been in Law Enforcement for 19 years the last 15 with the Minnesota State Patrol. He's currently the Toward Zero Deaths Coordinator for the Duluth State Patrol District focusing on traffic safety initiatives with allied partners and agencies.

### **Julie Houle** – *MD, NREMT, FAEMS, MHA*

Dr. Julie Houle is the medical director of emergency services at Fairview Range Medical Center. She is the medical director for Hibbing, Virginia, Eveleth EMS And multiple volunteer services. She is a fellow in the subspecialty of EMS, nationally registered EMT and master in health administration.

### **Kirk Hughes** – *RN, FF/EMT, CSPI*

Kirk Hughes is a Registered Nurse working as a Certified Specialist in

Poison Information and Education Director for the Minnesota Poison Control System since 2000. He has been a Firefighter/EMT for the last 24 years and current serves as a member of the City of Ramsey Fire Department and EMS training officer for Lexington Fire Department. He is also retired from the Brooklyn Park Fire Department. Kirk has also worked as an Investigator for the Hennepin Medical Examiner's Office. He is a certified Advanced Hazmat Life Support Instructor, Hazmat Technician, and certified in Advanced Medical Life Support. He has been published in multiple publications including; The Journal of Perinatology and The Journal of Clinical Toxicology.

### **Vikram Jadhav** – *MD*

Dr. Vikram D.Jadhav, MD, is trained in Neurology with further specialization and fellowship training in Vascular, Stroke Neurology and Endovascular Neurosurgery. He also treats patients requiring neuro-critical care and has a PhD in Neuro-Pharmacology. He is helping to lead efforts to improve systems of stroke care in our region.

### **Mitch Javidi** – *Ph.D, Chancellor, National Command & Staff College*

Mitch has over 30 years of practical and hands-on experience in diverse industries including Academia, Military, Law Enforcement, Government, and Technology. He has trained at the Joint Special Operations Command "JSOC" and the US Army Special Operations Command "USASOC." He was awarded the honorary member of the United States Army Special Operations Command in 1999 and honorary Sheriff by the National Sheriffs' Association in 2016. He served as a tenured Associate Professor at NC State University for 16 years before taking an early retirement but continues to serve as an Adjunct professor without pay (by choice) at both NC State and Illinois State Universities. He is a member of the "Academy of Outstanding Teachers and Scholars" at NC State University and the Distinguished 2004 Alumni of the University of Oklahoma.

### **Diana Klakoski** – *EMS Director*

- EMS Director/Faculty
- Advanced Minnesota/ Hibbing Community College

- Ambulance Director for City of Orr
- 31 years' service on the Orr Ambulance

### **Ken Klatt** – *NREMT-P*

Ken has been in emergency services for 37 years of which 30 of those years as a paramedic. Ken has been the recipient of the Medal of Honor twice! Ken is a retired Division Chief from Cloquet Area Fire District and now serves as a paid-on-call firefighter/paramedic with CAFD. Ken is also a state examiner for the EMSRB and MN Fire Certification Board.

### **Nathaniel Kreykes** – *MD, FACS*

Dr. Kreykes graduated from Medical School and completed his General Surgery residency training at the University of Minnesota. During his residency, he completed research fellowships in stem cell biology as well as surgical infectious diseases, with a focus on clinical research. Following his General Surgery residency, Dr. Kreykes received advanced training in pediatric surgery as a fellow at the University of Oklahoma, Oklahoma City, OK. In addition to treating a broad spectrum of surgical disorders affecting infants and children, Dr. Kreykes leads Children's Minnesota Level 1 Pediatric Trauma Center as Surgical Director.

### **Amy LaRue** – *DHED, MCHES*

Amy has worked in the health and wellness field for over 12 years, with an evolving focus on how mental health impacts our overall wellness. She has several years of experience working in public health, including time spent working in emergency preparedness. Her doctoral research focused on the impacts of repeated exposure trauma on the first responder population and how we can work to counter the effects.

### **James Levi** – *BSHCAD, NRP*

Mr. Levi's EMS journey began providing first aid at county fairs and rodeos as a high school volunteer. While studying for a degree in healthcare administration he completed EMT training and worked for a funeral home-based ambulance service. That was followed by management of a hospital-based BLS service and 8 years providing education to the prehospital community in NW Wisconsin. As his training increased, his passion for

teaching increased even more. The last 8 years he has provided outreach expertise to the state of Minnesota for the state's only free-standing Level 1 Pediatric Trauma Center.

### **Charlie Lick** – MD, FACEP

Dr. Lick is the Medical Director for Allina Health EMS. He has held that position for 18 years. During his tenure at Allina Health EMS, Charlie has also served on the Take Heart America and Minnesota Resuscitation Consortium Boards of Directors. Dr. Lick has also provided leadership on Allina Health's Clinical Leadership Team, as Medical Director of Allina Health Buffalo Hospital Emergency Department, and Emergency Physicians Professional Association Board of Directors.

He is an active member of the National Association of EMS Physicians.

### **Victor Lund** – Professional Engineer

Vic Lund is the Traffic Engineer for St. Louis County where he leads the Traffic Division. He received his Bachelor of Science degree from Michigan Technological University in Civil Engineering, and his Master of Science degree from Iowa State University in Civil Engineering with an emphasis in Transportation Engineering. He serves as the chair of the

- Minnesota County Engineers Association Highway Safety Committee, and is an active participant in the Minnesota
- Toward Zero Deaths partnership.

### **Nova McNally** – OTR/L

I have specialized in the rehabilitation of patients with TBI for the last eight years. I am the Traumatic Brain Injury Outpatient Program Manager at Hennepin Healthcare. Prior to that I worked as the lead OT and have been responsible for the care of thousands of patients suffering from visual dysfunctions after a mild traumatic brain injury (mTBI). Although mTBI comprises 80% of the 3.5 million brain injuries, they have been under diagnosed as well as under-served by the medical community. In the past several years, researchers have found that there is a high prevalence of visual dysfunction in patients with post-concussive syndrome. I am currently

a co-investigator of three separate research projects using fMRI, Diffuse tensor imaging and spectroscopy to better understand cerebral structural and metabolic changes associated with post traumatic visual dysfunction.

### **William Mohr** – MD, FACS

Dr. Mohr is a Burn and Trauma Surgeon at Regions Hospital. He has been involved in caring for burn patients since 1996. He attended medical school and completed a surgical at the University of Nebraska Medical Center. He has also completed fellowships in trauma surgery at Regions Hospital and burn surgery at the University of Nebraska Medical Center – Clarkson Burn Center in Omaha. Prior to joining the Regions Hospital Burn Center in 2001, Dr. Mohr was the Assistant Director of burn centers in Colorado and Nebraska. He is board certified in general surgery and is a member of the American Burn Association. His academic interests include using computers in patient care and resident education. His personal interests are his family and sports.

### **Richard Mullvain** – RPH, BCPC, (AQC), CCCC

Richard is a clinical pharmacist specialized in Cardiology, and is the STEMI Program Manager for Essentia Health, in Duluth, MN. He has worked at Essentia for 25 years. Richard is a well known educator in the Northland, and was the Co-Chair of the AHA Minnesota Mission Lifeline Project starting in 2013. He has 12 publications related to STEMI care. He also enjoys fishing in his spare time...

### **Allison Nicolson** – CTRS, CPSI

Allison Nicolson has worked in Duluth's local hospitals for 21 years as a Certified Recreational Therapist. The last ten years of Allison's career have included injury prevention and she is now the Injury Prevention Coordinator on the Trauma Floor at Essentia Health. Allison is a Child Passenger Safety instructor and coordinates the Driving 4 Safe Communities and Safe Kids Northeast Minnesota coalitions. She is passionate about educating to prevent injuries and deaths at any ages.

### **Mike Oeffler**

Mike is the father of two great boys, and lucky enough to be married to his best friend. He has been a volunteer EMT since 2012 in Minnesota Lake, and have found it to be more rewarding than I could have ever hoped for. Mike has been an active continuing education instructor with the South Central Minnesota EMS Regional System, and has played a key role in moving those courses into an online format.

### **Travis Olives** – MD

Dr. Olives is a faculty emergency physician and consulting medical toxicologist at Hennepin County Medical Center, associate medical director of the Minnesota Poison Control System, and assistant professor of Emergency Medicine at the University of Minnesota. After graduating from Carleton in 1999, Travis earned his Masters of Education and Masters of Public Health at the University of Minnesota, later receiving his medical education from the same institution. He completed a combined residency in Emergency Medicine and Internal Medicine at Hennepin County Medical Center, and later a fellowship in Medical Toxicology at Regions Hospital. He is active in graduate and undergraduate medical education and holds diverse research interests in the areas of health literacy and its impact on emergency care, the use of ketamine for the control of profound prehospital agitation, and the impact of ultrapotent fentanyl analogs on the nation's ongoing opioid epidemic.

### **Laura Palombi** – PharmD, MPH, MAT

Dr. Palombi is a licensed pharmacist and Assistant Professor in the Pharmacy Practice and Pharmaceutical Sciences Department at the University of Minnesota - College of Pharmacy, Duluth campus. The focus of her clinical and academic practice is rural public health initiatives, with emphasis on substance abuse prevention and intervention.

### **Deb Peters** – APRN, CNP

Neonatal Nurse Practitioner for over 30 years, the last 20 in Duluth. Responsible for delivery room management and transport of critical infants.

**Karie Pearce** – RN, BSN, CEN, CPEN, TCRN

Trauma & Critical Care nurse for over 30 years in a Level I Adult and Pediatric Trauma Center. Coordinate education for EMS and healthcare providers all over the region for over 20 years. Works clinically in the emergency department on a casual basis now. Cared for victims of the school explosion and will share lessons learned. Current President of the Minnesota Emergency Nurses Association and Chairman of the Comprehensive Advanced Life Support Board and Instructor for the program.

**Stan Sadenwasser** – RN, BSN, CFRN, AEMSA Board Member

For over 30 years, Mr. Sadenwasser has been an integral part of providing health care in our region. He has served in a variety of roles, including First Responder, Paramedic, Emergency and ICU Nurse, Flight Nurse, Trauma Manager and Emergency Services Manager. In these roles, he has gained a vast array of experiences in both pre-hospital and clinical settings. Mr. Sadenwasser currently participates in related regional system development, as well as sits on the board of directors for Arrowhead EMS and the advisory board for Mesabi Range College-Paramedic Program. He is the Cardiovascular Service Coordinator for St. Luke's, which keeps him actively involved in STEMI and Stroke systems of care. Notably, he was a leader in St. Luke's achieving its Primary Stroke Center Certification, Heart Attack Receiving Accreditation and 2018 awards from the American Heart Association and Mission Lifeline for Stroke, STEMI and NSTEMI care.

**Amy Saylor**– RN, CFRN, CMTE, AEMSA Board Member

Amy joined Life Link III in 2009 as a flight nurse at the Hibbing base. Prior to joining Life Link III, Amy was a registered nurse in the ICU at Fairview-Hibbing. She then worked in Crosby in the ICU/ER and was the Clinical Nurse Lead of the ICU. Amy then received her training for becoming a flight nurse while working as an RN in the ICU at St. Luke's Duluth, which included caring for trauma, cardiac, neuro, surgical and medical ICU patients. In 2011, Amy received the STEMI Award

from Essentia Health and in January of 2015, she received the 2014 "Pre-Hospital Care Provider" recognition award from Arrowhead EMS Association for "exemplary dedication and personal commitment to emergency medical services in her organization community and region." She is on the Board of Directors for Arrowhead EMS Association and Minnesota Ambulance Association. Amy is also a NE regional educator for the LUCAS device grant, and the NE regional educator for AHA and Mission Life Line, MN division. She is a member of ENA, BCEN and ASTNA. Amy received her BA in Exercise Physiology from the College of St. Scholastica, and her AA in Nursing, Hibbing Community College, and Certified Medical Transport Executive from Medical Transport Leadership Institute.

**Jeff Schultz** – NRP CCEMT-P Instructor of Emergency Medicine

Jeff Schultz began his EMS career in 1982 as a volunteer EMT. He transitioned to a full-time EMT in 1984 and continued both full-time and volunteer EMS. He completed his paramedic education in 1987 at Lansing Community College in Lansing, Michigan and went to work for Croswell EMS in Croswell, Michigan. During this time he was awarded paramedic of the year in 1989 and 1990. In 1997, he began a career as a paramedic/instructor at Tri-Hospital EMS in Port Huron Michigan. Currently he works as a paramedic and an Instructor of Emergency Medicine at Mayo Clinic Medical Transport and Mayo Clinic School of Health Sciences. He is a frequent presenter at EMS conferences around the country. He attended Rochester Community and Technical College for an Associate's degree in Intensive Care Paramedicine and Oregon State University for his B.S. in Natural Resource Management.

**Jay Shoaps** – MD

Dr. Jay Shoaps is a board-certified trauma surgeon with added training in surgical critical care. He manages critically ill and injured patients on a daily basis.

**Glen Simpson** – BS, AEMT

Glen Simpson oversees the efficiency and effectiveness of personnel and operations in the special events division at Community Ambulance. In

the entertainment capital of the world, Simpson has led the development and coordination of medical plans for new venues in Las Vegas, as well as major events like Rock in Rio, the Las Vegas Marathon, Electric Daisy Carnival and the Mayweather-Pacquiao "Fight of the Century." Simpson previously served as Supervisor, Administrator and Special Events Manager for MedicWest and American Medical Response. His more than 15 years of experience in the field has focused on customer service, event management, operations, staff training, employee investigations and grievance hearings, performance evaluations, mentorship, and more.

**Lucas Stoflet** – EMD/CTO/CFC

Lucas Stoflet joined Life Link III in 2016 as a Communications Specialist. Since then he has taken on several roles including Lead Communications Specialist, Communications Training Officer, Radio System Maintainer, and lead the development and implementation of Life Link III's OneLink™ mobile application. Prior to coming to Life Link III, he worked as a dispatcher for both Mayo Clinic Medical Transport in Rochester, Minnesota as well as for Spirit Medical Transport out of Marshfield, Wisconsin. He also has experience as an Emergency Medical Dispatcher and previous EMS experience. Lucas has his AAS Degree, and holds certifications as EMD, CTO, CFC, and CCS.

**Marty Sullivan** – EMT

Marty has been an EMT for 15 years, serving with Le Sueur Ambulance and Ridgeview Ambulance. Marty has been a past member of the Minnesota Ambulance Association and was Vice-President of the Minnesota EMS Association from 2014 until 2017. Marty works with the South Central Minnesota EMS Regional Program Rehab Team, and does continuing education instruction for the region.

**Marvin Sullivan** – NREMT

Marvin has been an EMT for 13 years working for Le Sueur Volunteer Ambulance (now Ridgeview EMS). Marvin has worked with South Central MN EMS for the past 5+ years on the Fire Rehab Team. CPR instructor through American Heart association.

**Janet Taylor – RN, NREMT-B**

Janet has been a flight nurse for 14 years and works full time for LifeFlight Eagle Air Medical Transport out of Kansas City. In addition to EMS, she has worked in ICU, ER and OB to be familiar with the different types of calls that she and her partner may encounter in EMS. Janet has her Bachelors Degree in Science and Nursing and enjoys teaching part time at various EMS Conferences throughout the year in addition to writing articles for various industry magazines and continuing education modules for medic-ce. Her website is [www.emsteacher.com](http://www.emsteacher.com) where you can see where she will be headed next as well as the most current list of topics offered. You can email her at [janettaylor6@icloud.com](mailto:janettaylor6@icloud.com)

**Johanna Thompson – FP-C, CCEMT-P**

- Hanna Thompson is a Flight Paramedic and Clinical
- Education for Life Link III based out of Hibbing Minnesota.
- She has been involved in EMS for the last 14 years and in addition has a back ground in EMS education, Law Enforcement/TEMS and music education.

**Dex Tuttle – Child Safety Technician Instructor**

As Injury Prevention Program Manager Dex fulfills Children's Level 1 Pediatric Center mission to reduce injury and death in children. He serves on the Minnesota TZD Conference Planning Committee. Dex provides injury prevention events throughout Minnesota.

**Mark Wick**

**Gary Wiemokly – EdD, MPH, EMTP, RN, EMSI**

Gary is a patient care provider, educator, administrator, and EMS Coach. He is a dynamic, energetic, caring, and motivating speaker whose unique sense of humor and depth of EMS knowledge comes across in vibrant and fun presentations. Gary is the current EMS Chief for the Town of Enfield, CT. With 46 years in EMS as a paramedic/firefighter, flight nurse/paramedic, EMS Educator, EMS author, and State EMS Director, Gary's combined love of EMS, people, and unique personal teaching style has made him a favorite speaker at EMS conferences nationally and internationally and yes, he still responds to 911 patient calls! When not being an EMSer you can

usually find him playing classic rock or the blues with one of a number of bands!

**Brad Wright – MS, NRP**

Brad has been involved in urban and rural EMS for over 25 years. Additionally, he has been a full-time EMS educator for over a decade. In his off time, Brad enjoys running and officiating football. He is also a wanna be chef.

**Brad Zinniel – Paramedic**

Brad has been a paramedic since 1997, and was awarded North Memorial-Waseca's Employee of the year in 1998. Brad has been an instructor for South Central MN EMS since 2000, and has taken one of the lead roles in bringing SCEMS' Sim Lab to life.

**Husky Energy**  
**SUPERIOR REFINERY**

**OUR LEVEL I  
YOUR #1**

Accom • Capemex • Delmonico

**THANK YOU**

FOR ALL YOU DO TO  
SERVE YOUR COMMUNITY

**Hennepin  
Healthcare** | [hennepinhealthcare.org](http://hennepinhealthcare.org)

The Level I Pediatric and Adult Trauma teams at Hennepin Healthcare are proud to work side-by-side with your community's EMS responders, law enforcement and fire fighters, hospital emergency department staff, and everyone else who comes to the rescue.

SILVER SPONSORS





# ARROWHEAD EMS CONFERENCE 2019 NCCP COURSE DETAIL

PRE-CONFERENCE SESSIONS	NCCP HOURS	CATEGORY	SUB-CATEGORY
AMLS	16	NCCR:MEDICAL	ALL
EMT REFRESHER	20	ALL	ALL
ITLS	16	NCCR:TRAUMA	ALL
S.T.A.B.L.E.	8	LCCR	
CREDIBLE LEADERSHIP WORKSHOP	4	NCCR:OPERATIONS	CREW RESOURCE MANAGEMENT
GETTING THE BIG PICTURE IN SIM LABS	4	NCCR:OPERATIONS	1.5   AMBULANCE SAFETY 1.5   CREW RESOURCE MANAGEMENT 1   CULTURE OF SAFETY
PATHOPHYSIOLOGY AND CLINICAL MEDICINE	8	LCCR	
BASIC ECG	2	LCCR	
ADVANCED ECG	2	LCCR	
BLS PEPP	8	NCCR:CARDIAC	PEDIATRIC CARDIAC ARREST
GENERAL SESSIONS	NCCP HOURS	CATEGORY	SUB-CATEGORY
KEYNOTE SESSION 1			
DECISIVE, DISCIPLINED AND UNDER FIRE: A FIRST RESPONDER'S EXPERIENCES FROM THE LAS VEGAS ROUTE 91 HARVEST FESTIVAL MASS SHOOTING	1.5	LCCR	
BREAKOUT SESSION 1			
PSYCHOLOGICAL TRAUMA AND SUICID AMOUNG RESPONDERS	1.25	LCCR	
HAVE A BLAST	1.25	NCCR:TRAUMA	HEMORRHAGE CONTROL
10 WAYS TO KILL YOUR PATIENT	1.25	NCCR:OPERATIONS	EVIDENCE BASED GUIDELINES
IMPROVING OCCUPANT PROTECTION	1.25	NCCR:OPERATIONS	.5   PEDIATRIC TRANSPORT .75   RESEARCH
FOR THE LOVE OF ALL THAT IS HOLY	1.25	NCCR:OPERATIONS	SPECIAL HC NEEDS
FROM DEPRESSION TO DELERIUUM	1.25	NCCR:MEDICAL	PSYCHIATRIC
BREAKOUT SESSION 2			
WHAT HAPPENED TO MY MUSICAL HEROES?	1.25	LCCR	
SPOT THE CLOT	1.25	NCCR:MEDICAL	NEUROLOGICAL
EMS CASE STUDIES IN TOXICOLOGY	1.25	NCCR:MEDICAL	TOXICOLOGICAL
A DEEPER LOOK AT MILD HEAD INJURY	1.25	NCCR:TRAUMA	CNS INJURY
WHY IT MAY NOT BE THE PANACEA YOU THINK	1.25	NCCR:OPERATIONS NCCR:ARV	.5   RESEARCH .75   OXYGENATION
TEACHING SICK OR NOT SICK-TEACHING CRITICAL THINKING	1.25	NCCR:LCCR	
BREAKOUT SESSION 3			
A TALE OF TWO WOMEN	1.25	LCCR	
ARE WE MISSING SOMETHING	1.25	NCCR:TRAUMA NCCR:OPERATIONS	.75   FIELD TRIAGE .5   PEDIATRIC TRANSPORT
NO SPICE AT THE TOP OF THE K2 MOUNTAIN	1.25	NCCR:MEDICAL	TOXICOLOGICAL
TRAUMA TRUMPS BURN	1.25	NCCR:TRAUMA	TRAUMA TRIAGE
THINGS JUST GOT REAL	1.25	NCCR:OPERATIONS	.5   AMBULANCE SAFETY .5   CREW RESOURCE MANAGEMENT .25   CULTURE OF SAFETY
HEY... YOU'RE NOT LIKE ME	1.25	NCCR:OPERATIONS	SPECIAL HC NEEDS
LEGISLATIVE FORUM	1	ICCR	



# ARROWHEAD EMS CONFERENCE 2019 NCCP COURSE DETAIL

GENERAL SESSIONS	NCCP HOURS	CATEGORY	SUB-CATEGORY
<b>KEYNOTE SESSION 2</b>			
HE AIN'T HEAVY, HE'S MY BROTHER: FIRST RESPONDER'S JOURNY	1.5	LCCR	
<b>BREAKOUT SESSION 4</b>			
FIRST RESPONDERS: BUILDING RESILLENCE TO OVERCOME TRAUMA	1.25	LCCR	
BADGES, GUNS AND BAND-AIDS: LAW ENFORCEMENT FIRST RESPONDERS	1.25	LCCR	
BEYOND BREAKING BAD	1.25	NCCR:MEDICAL	TOXICOLOGICAL
MASS CASUALTY; ARE YOU READY	1.25	NCCR:TRAUMA	TRAUMA TRIAGE
TO PEE OR NOT TO PEE	1.25	NCCR:MEDICAL	ENDOCRINE
SPIRITUALITY AT 60MPH	1.25	NCCR:OPERATIONS	SPECIAL HC NEEDS
<b>BREAKOUT SESSION 5</b>			
JUST BREATHE	1.25	LCCR	
HUMPTY DUMPTY DID WHAT? TRAUMA CASE STUDIES	1.25	LCCR	
THIS PARACHUTE IS A KNAPSACK	1.25	NCCR:MEDICAL	TOXICOLOGICAL
THE BIG CHILL: FROSTBITE INJURIES	1.25	LCCR	
WAITING TO EXHALE	1.25	NCCR:ARV	CAPNOGRAPHY
THE TOXIC HOUSE, WHAT CHILDREN FIND	1.25	NCCR:MEDICAL	TOXICOLOGICAL
<b>BREAKOUT SESSION 6</b>			
SCENE SAFETY OR STIGMA	1.25	NCCR:MEDICAL NCCR:OPERATIONS	.75   PSYCHIATRIC .5   EVIDENCE BASED GUIDELINES
BLEEDING CONTROL MADE EASY	1.25	NCCR:TRAUMA	HEMORRHAGE CONTROL
LETS TALK: ELIMINATING THE STIGMA SURROUNDING MENTAL HEALTH	1.25	LCCR	
SAVING LIVES IN TRAUMA CARE	1.25	NCCR:TRAUMA	HEMORRHAGE CONTROL
PUMP UP THE VOLUME	1.25	NCCR:CARDIOLOGY	VAD'S
PATIENT ADVANCED DIRECTIVES	1.25	NCCR:MEDICAL	SPECIAL HC NEEDS
<b>BREAKOUT SESSION 7</b>			
STEMI CASE STUDIES...STARRING EMS!	1.25	LCCR	
WHEN THE SIMPLIEST THINGS MAKE THE BIGGEST DIFFERENCE	1.25	NCCR:ARV	VENTILATION
WHAT A BULLET WILL DO TO YOUR BODY	1.25	LCCR	
PROTECTING EMS IN THE ERA OF HCID	1.25	NCCR:MEDICAL	INFECTIOUS DISEASES
JUST THE BASICS	1.25	LCCR	
<b>BREAKOUT SESSION 8</b>			
DRIVE TO SURVIVE	1.25	NCCR:OPERATIONS	.5   AMBULANCE SAFETY .5   CREW RESOURCE MANAGEMENT .25   CULTURE OF SAFETY
WHEN I DON'T HAVE SIRI, ALEXA, OR GOOGLE	1.25	LCCR	
ALTERED MENTAL STATUS=ALTERED EMS TREATMENTS	1.25	LCCR	
RESPONDING TO THE OPIOID CRISIS	1.25	NCCR:MEDICAL	TOXICOLOGICAL
READIN' AND RIGHTIN'	1.25	LCCR	
<b>BREAKOUT SESSION 9</b>			
THE FUTURE OF EARLY ACTIVATION	1.25	LCCR	
LEADERSHIP FOR NEW ASPIRING LEADERS	1.25	NCCR:OPERATIONS	CREW RESOURCE MANAGEMENT
MEDICATION ADMINISTRATION-"BASIC STYLE"	1.25	LCCR	
LIFE LINK III CASE STUDIES PART 1	1.25	NCCR:MEDICAL	TOXICOLOGICAL
LIFE LINK III CASE STUDIES PART 2	1.25	NCCR:MEDICAL	TOXICOLOGICAL
I'VE GOT A CRUSH ON YOU	1.25	LCCR	

# CLAIMING NCCP OR POST CREDITS?

## WHAT YOU NEED TO DO

- At the completion of each session, please provide your Name and Minnesota EMSRB Number to the door monitor.
- Before your expiration date, complete a Renewal application specific to your level of certification in the State of Minnesota. Renewal applications are found at [emsrblm.mn.gov](http://emsrblm.mn.gov)
  - If you have not logged in before, please start by finding your username. If you have any issues logging in, please contact the EMSRB at (651) 201-2800 or see them at their vendor booth.
  - When completing your application, please select NCCP as your renewal method and follow the instructions on the application to enter the remaining LCCR and ICCR hours.

## WHAT ARROWHEAD EMS WILL DO

- Arrowhead EMS will add your name to a roster online, indicating the course attended, the NCCR area the course applies to, and the education hours. This information will populate on your application.
- NOTE: Arrowhead EMS is only responsible for putting in the course information for topics attended during the conference. All other renewal requirements must be met and the EMSRB application completed appropriately for approval.

## QUESTIONS?

Contact the Arrowhead EMS Association with any questions or for clarifications:

Caitlin Korpi, EMS Coordinator

218.780.9906

[caitlin.korpi@arrowheadems.com](mailto:caitlin.korpi@arrowheadems.com)

## POST INFORMATION

Participants wishing to apply their attendance to the Minnesota Board of Peace Officers Standards and Training (POST) **MUST** sign in with name and POST number each day at the registration desk.

**2019 Arrowhead EMS Conference & Expo - Duluth, MN  
Certificate of Attendance - January 23-27, 2019**

Attendee's Name \_\_\_\_\_

**Wednesday and Thursday  
January 23 and 24, 2019**

Write in Pre-Conference Session here Title: _____ Speaker: _____
Write in Pre-Conference Session here Title: _____ Speaker: _____
Write in Pre-Conference Session here Title: _____ Speaker: _____

**Friday, January 25, 2019**

Write in Keynote Session here Title: _____ Speaker: _____
Write in Breakout Session 1 here Title: _____ Speaker: _____
Write in Breakout Session 2 here Title: _____ Speaker: _____
Write in Breakout Session 3 here Title: _____ Speaker: _____
Legislative Forum Representative: _____ Representative: _____

**Saturday, January 26, 2019**

Write in Keynote Session here Title: _____ Speaker: _____
Write in Breakout Session 4 here Title: _____ Speaker: _____
Write in Breakout Session 5 here Title: _____ Speaker: _____
Write in Breakout Session 6 here Title: _____ Speaker: _____

**NCCP Accreditation Information**  
For more information or questions  
about NCCP accreditation contact the  
Arrowhead EMS Association.

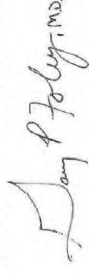
**Caitlin Korpi, EMS Coordinator**  
Caitlin.korpi@arrowheadems.com  
(218) 780-9906

**Sunday, January 27, 2019**

Write in Breakout Session 7 here Title: _____ Speaker: _____
Write in Breakout Session 8 here Title: _____ Speaker: _____
Write in Breakout Session 9 here Title: _____ Speaker: _____



**Adam Shadlow, Executive Director**  
Arrowhead EMS Association



**Gary P. Foley, M.D., Medical Director**  
Arrowhead EMS Association



**Minnesota Board of Peace Officer Standards and Training  
(POST) #**

JOIN US IN

**2020**

AS WE CELEBRATE



**SAVE THE DATE**

JANUARY 22-26, 2020 | DECC, DULUTH MN

**Arrowhead EMS Association  
Conference & Expo**

[WWW.ARROWHEADEMS.COM](http://WWW.ARROWHEADEMS.COM)