EMERGENCY MEDICINE
CONFERENCE

May 17-18, 2019
ISU POND STUDENT UNION, POCATELLO, IDAHO

EMERGENCY MEDICINE: A 4-ACT PLAY
What’s Your Role?

PREVENTION
PREPAREDNESS
RESPONSE
RECOVERY

“All the world’s a stage and all the men and women merely players: they have their exits and their entrances; and one man in his time plays many parts.”
—William Shakespeare
Welcome to ISU’s Annual Emergency Medicine Conference!
The conference was developed to provide EMTs, paramedics, first responders, emergency physicians, nurses, and other direct-care workers with up-to-the-minute information on a wide variety of topics in emergency medicine.

Presenters for this year’s conference were selected based on expertise in an area of practice and their ability to convey current, evidence-based, practical information on their area of emergency medicine. The conference format includes Dr. Michael P. Allswede, DO as our keynote speaker, plus lectures, a panel discussion, smaller group breakout sessions, case studies, practical exercises and question-and-answer sessions. We’re glad you were able to join us!

Presenters and Instructors

DR. MICHAEL P. ALLSWEDE, DO
Dr. Allswede is the founding program director of the residency in emergency medicine at the Sunrise GME Consortium in Las Vegas Nevada. Dr. Allswede is a Clinical Associate Professor at both the University of Nevada, Reno School of Medicine, and the Touro University College of Osteopathic Medicine. Dr. Allswede serves as the Chair of the Research Committee of the American College of Osteopathic Physicians and is the President Elect of the Foundation for Osteopathic Emergency Medicine. He is also the Principal Investigator of the ACOEP-ACGME Paradigm Research Group; and the Co-Author of “The 50 Studies Every Emergency Physician Should Know”, currently in production in association with Oxford University Press. Dr. Allswede received his DO at the College of Osteopathic Medicine and Surgery in 1988 and served a rotating internship at Detroit Osteopathic Hospital. He was a post-graduate Emergency Medicine Resident at Chicago Osteopathic Medical Center and completed a critical care fellowship at Chicago Medical School/Cook County Hospital.

HEIDI FRANSEN
OPERATION UNDERGROUND RAILROAD (O.U.R.)
Member of the O.U.R. Speakers Bureau and Former O.U.R. Community Relations Manager, Rexburg, Idaho

MARK ARAKI
Division Chief of Training, Pocatello Fire Department and Bannock County Ambulance

GREG VICKERS, MBA, NRP
Trauma and EMS Manager, Portneuf Medical Center

KATRINA RHETT, MS
Biological Sciences Department, Idaho State University

NICK EDWARDS
Investigation Narcotics Division, Pocatello Police Department

DR. KATHLEEN A. ERWIN, MD
Behavioral Health Service, Portneuf Medical Center
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Behavioral Health Service, Portneuf Medical Center

LANCE TAYSOM, RN, CFRN, EMT-P, WEMT
Emergency Medicine, Portneuf Medical Center

DR. CURTIS C. SANDY, MD
Director of EMS, Portneuf Medical Center

DR. BRIAN FULKS, MD
Pocatello Children’s Clinic

DR. DAVID E. PARRY, MD
Pocatello Allergy and Asthma Clinic

DR. DALLAS L. JOHNSON, PH.D.
Licensed Psychologist, Counselor BYU-Idaho Counseling Center

DR. TERRENCE M. RAGER, MD, MS
General Surgery, Trauma Surgery, Portneuf Medical Center

CAMI TAYSOM, RN, CEN, CPEN, WMI Instructor
Portneuf Medical Center

WAYNE A. DENNEY, MA
Bureau Chief, Idaho Bureau of EMS and Preparedness

DARIN JERNIGAN, MSPT, DPT, WEMT
Director of Rehabilitation Services Programs and the Physical Therapist Assistant Program, ISU College of Technology

DR. FERNANDO GRIGERA, MD
Cardiology, Portneuf Medical Center

DR. DREW W. McROBERTS, MD
Chief of General Surgery, Trauma Director for Portneuf Medical Center (also affiliated at Skyline Surgery Center)
The Lead Actors: Knowing the Script to Keep the Director (Doc) Happy by Nick Edwards
Don't Miss your "Cue"– Drugs of Abuse: Local Trends and Alerts by BLS Cadaver Lab

Pediatric patients are a small portion of EMS calls and typically not in the comfort range of pre-hospital providers. In this session we will discuss childhood respiratory emergencies—how to identify and appropriate interventions.

The diagnosis and treatment of sepsis is challenging due to the complexity of sepsis and the often unclear symptoms of affected patients at presentation to the ED. Early EMS identification shortens antibiotic time. This session will explore how the radio report and hospital hand-off as well as highlighting pertinent information for specific chief complaints.

Approach to Mental Patients – Don’t Judge My Story by the Chapter You Walk In On by Dr. Kathleen Erwin

The United States is in the middle of a well-documented mental health crisis. Nationwide, one in eight visits to the ED is related to a mental health or substance abuse issue, and here in Pocatello these visits have jumped 30% in the last year. Victims and patients presenting in a mental health crisis pose unique challenges. This session will focus on identifying persons in mental health crisis, management techniques and appropriate after-care.


Search and Rescue: Lights, Camera, Action! by Lance Taysom RN

High Performance CPR – We're All in This Together: Roles and Rehearsals by Mark Araki and Pocatello Fire Department/Bannock County Ambulance

High performance, “Pit Crew” style CPR with a goal of maintaining greater than 90% of the resuscitation time “on the chest”. With choreography and practice these times are very achievable, providing our patients the best chance of survival.

You CAN Stop the Bleed! by Greg Vickers RN and the Portneuf Medical Center Team

A person who is bleeding can die from blood loss within five minutes. Thus, it is critically important to quickly stop blood loss. Those nearest to someone with a bleeding injury can make a life-saving difference, if they are adequately trained to provide first care.

SIM SCENARIO TRAINING provided and operated by Portneuf Air Rescue every 30 minutes throughout the conference. See available times in the registration system. SPACE LIMITED.
2:00 pm – 3:45 pm [SESSIONS 1 & 2]

BLS Cadaver Lab by Katrina Rhett
2 sessions. Be sure to register for both the 9:00 and 10:00 time slots. SPACE LIMITED. Shuttle Transportation provided—
meet at Bengal Theatre entrance.
Gain a deeper and more comprehensive knowledge of anatomy and physiology in a unique and exciting learning environment.
You will review various body systems and relevant pathologies to EMS through discussion, and observation in the ISU biology
gross anatomy lab.

3:00 pm – 3:45 pm [SESSION 2]

Don’t Miss your “Cue”- Drugs of Abuse: Local Trends and Alerts by Nick Edwards
Case study of recent narcotics cases within the Bannock County Area to include discussion of the current drug trends with an
emphasis on the Opioid Crisis. An update on the progress of the recently implemented High Intensity Drug Trafficking Area
(HIDTA) will also be discussed along with a Q & A session at the end.

Approach to Mental Patients – Don’t Judge My Story by the Chapter You Walk In On by Dr. Kathleen Erwin MD
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to a mental health or substance abuse issue, and here in Pocatello these visits have jumped 30% in the last year. Victims and
patients presenting in a mental health crisis pose unique challenges. This session will focus on identifying persons in mental
health crisis, management techniques and appropriate after-care.

Search and Rescue: Lights, Camera, Action! by Lance Taysom RN
Working in teams, participants of all certification and experience levels will solve operational and logistical problems while
practicing within the Incident Command Structure.

4:00 pm – 4:45 pm [SESSION 3]

The Lead Actors: Knowing the Script to Keep the Director (Doc) Happy by Dr. Curtis Sandy MD
Communication of patient information is vital to ensure good patient care. Radio reports and patient hand-offs are high risk
situations in which a standardized approach to relaying information is critical. This session will discuss the key elements of a
radio report and hospital hand-off as well as highlighting pertinent information for specific chief complaints.

SEPSIS: The Villain Lurking in the Shadows by TBA
The diagnosis and treatment of sepsis is challenging due to the complexity of sepsis and the often unclear symptoms of
affected patients at presentation to the ED. Early EMS identification shortens antibiotic time. This session will explore how the
appropriate diagnosis and interventions effect positive patient outcomes.

Rising Stars: Giving the Small Guy a Big Chance- Pediatric Respiratory by Dr. Brian Fulks MD
Pediatric patients are a small portion of EMS calls and typically not in the comfort range of pre-hospital providers. In this
session we will discuss childhood respiratory emergencies—how to identify and appropriate interventions.
**Schedule of Events**

**SATURDAY, MAY 18TH**

**8:00 am – 9:00 am**
CHECK-IN

**CONTINENTAL BREAKFAST** (Please notify us of any dietary restrictions)

<table>
<thead>
<tr>
<th>SATURDAY MAY 18</th>
<th>BALLROOM</th>
<th>CADAVER LAB</th>
<th>SIM TRAINING</th>
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<tbody>
<tr>
<td>8 - 9:00 am</td>
<td>Check In</td>
<td>ISU Pond Student Union Ballroom - CONTINENTAL BREAKFAST (provided)</td>
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<tr>
<td>9 - 9:45 am</td>
<td>Session 4</td>
<td>FEAR-Less Emotion Management</td>
<td>Anaphylaxis</td>
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<tr>
<td>10 - 10:45 am</td>
<td>Session 5</td>
<td>Pediatric Trauma</td>
<td>Altered Mental</td>
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<tr>
<td>11 - 11:45 pm</td>
<td>General</td>
<td>Presentation: Wayne Denney - &quot;State of the State EMS: The Show Must Go On!&quot;</td>
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<tr>
<td>12 – 1:00 pm</td>
<td>LUNCH (provided) and Visits with Vendors</td>
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<tr>
<td>1 – 1:45 pm</td>
<td>Session 6</td>
<td>TSE EMS</td>
<td>Wilderness Cases</td>
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<tr>
<td>2 – 2:45 pm</td>
<td>Session 7</td>
<td>Improve Improv</td>
<td>High Performance CPR</td>
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**9:00 am – 9:45 am** [SESSION 4]

**Anaphylaxis: Navigating the Plot Twists** by Dr. David Parry MD

Anaphylaxis is an allergic emergency. This session will teach participants how to recognize signs and symptoms of anaphylaxis and to understand acute management of anaphylaxis/suspected anaphylaxis.

**You CAN Stop the Bleed!** by Greg Vickers RN and the Portneuf Medical Center Team

A person who is bleeding can die from blood loss within five minutes. Thus, it is critically important to quickly stop blood loss. Those nearest to someone with a bleeding injury can make a life-saving difference, if they are adequately trained to provide first care.

**9:00 am – 10:45 am** [SESSIONS 4 & 5]

**FEAR-Less Emotion Management: I Wish My Head Would Forget What My Eyes Have Seen**

by Dr. Dallas Johnson PhD

This session extends into 2 sessions. *Be sure to register for both the 9:00 and 10:00 time slots.*

Fear plays a key role in the development and maintenance of emotional disorders. FEAR-less Emotion Management is a method that uses the acronym F.E.A.R. as a way to both understand how the brain uses fear and as a way to remember strategies to help you manage and decrease the body’s fear response, which will lead to a decrease in symptoms of anxiety, depression, PTSD, and suicide ideation.
CONTINUED: 9:00 am - 10:45 am [SESSIONS 4 & 5]

**Heroic Procedures: ALS Cadaver Lab** by Katrina Rhett and Dr. Curtis Sandy
2 sessions. **Be sure to register for both the 9:00 and 10:00 time slots.** SPACE LIMITED. Shuttle Transportation provided—meet at Bengal Theatre entrance.

This session of instruction is designed to emphasize the very best in skills practice for advanced life support personnel. Cadavers will be utilized to teach various airway techniques and other advanced procedures, including surgical airways, needle decompression, and IO insertion.

10:00 am - 10:45 am [SESSION 5]

**Pediatric Trauma: There are No Small Parts – Only Small Actors** by Dr. Terry Rager MD
Managing trauma incidents with the "smalls" can be a challenge for all emergency personnel. This session will give you a peek into the trauma management of this special population.

**Altered Mental: "Staying In Character"** by Cami Taysom RN
Altered mental status is a challenging patient presentation for any level of responder. The list of possibilities is long, complicated, and rarely can be resolved in the field. Come to this lively presentation and learn how to adapt your Altered Mental Status protocol to some more common reasons why someone's brain might be altered.

11:00 am - 11:45 am [GENERAL SESSION]

KEYNOTE SPEAKER: Wayne Denney - "State of the State EMS: The Show Must Go On!"

12:00 pm - 12:45 pm - LUNCH (Please notify of us any dietary restrictions)

1:00 pm - 1:45 pm [SESSION 6]

**TSE EMS: Time is of the Essence** by Dr. Curtis Sandy MD
The Idaho Time Sensitive Emergencies System has largely focused on hospital verification until now. With the upcoming release of the TSE EMS Agency Designation, EMS agencies can become verified as "TSE-Ready". Join this discussion regarding the TSE EMS Agency designation.

**Wilderness Cases: “Off-Stage” Teamwork** by Dr. Darin Jernigan DPT
Wilderness Case with a reflection of the ICS system and concepts of Team Work provided in unique environments.

**STEMI For Emergency Medicine Health Providers: Showstoppers – Please Don’t Stop the Beat!**
by Dr. Fernando Grigera MD
Ischemic heart disease is one of the leading causes of death in the world. Rapid identification of STEMI with expedited transfer and intervention produces the best outcomes.

CONTINUES
2:00 pm – 2:45 pm  [SESSION 7]

**Improve your Improv: Polishing your Trauma Response – Trauma Case Studies** by Dr. Drew McRoberts MD
Delve into the mechanism of injury, prehospital, hospital and follow up care of three of PMC’s most spectacular trauma cases from 2018; two of which made international headlines. We will emphasize the EMS care of these patients and how critical treatment decisions lead to patient survival.

**High Performance CPR – We’re All in This Together: Roles and Rehearsals** by Mark Araki and Pocatello Fire Department / Bannock County Ambulance
High performance, “Pit Crew” style CPR with a goal of maintaining greater than 90% of the resuscitation time “on the chest”. With choreography and practice these times are very achievable, providing our patients the best chance of survival.

**Sugar Solutions: New Advances in Diabetes Management** by Cami Taysom RN
No more finger pokes! No more bulky glucometers! Advances in Insulin Pump technology along with Continuous Glucose Monitors have changed the game for those actively trying to best manage their diabetes. Come see what is out there, how these devices work and what you, as a medical professional, should do if your patient has one of these new devices.