



2012 ANNUAL MEETING

SPECIALTY WORKSHOPS,
SCIENTIFIC ASSEMBLY
AND TRADE SHOW

JANUARY 12-14, 2012 JW MARRIOTT STARR PASS RESORT & SPA TUCSON, AZ



REGISTRATION brochure

EDUCATIONAL objective

The 2012 Annual Meeting of the National Association of EMS Physicians® (NAEMSP®) will include a diverse range of topics that 1) present an array of emerging concepts in the delivery of prehospital care, 2) provide a forum for the presentation of current EMS research and 3) expose attendees to the growing political, economic and academic forces shaping the future of EMS.

Internationally recognized experts and leaders in the field of prehospital care will deliver presentations focusing on topics such as requirements and pathway to EMS subspecialty certification advances in provider education, strengthening of pediatric EMS care, building the EMS team and how to adapt to the many changes in practice of the prehospital environment. Conference presenters will concentrate on various aspects of airway management, training strategies for CPR, public perceptions, discussing risk management issues, approaches to quality management programs and strategies for success. As always, the research abstract and poster presentations will stimulate interest, thought and controversial discussion. International sessions will focus on EMS delivery and disaster response in other countries with a special session on the Japan disaster.

The pre-conference workshops have been designed to expand on presentations offered during the conference. Networking opportunities and committee functions will offer additional opportunities for attendees to develop expertise in various areas and ensure maximum educational benefits.

WHO should attend?

Presentations and topics have been selected to inspire interest by all individuals involved in EMS, including: EMS physicians and medical directors; EMS educators, public administrators and providers; ambulance service operators; paramedics; EMTs; fire-fighters; nurses; public health officers; local, state and federal emergency planning and management officials; and those who share responsibility for providing quality, out-of-hospital emergency medical care.

CME & ce accreditation

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of the Medical College of Wisconsin and NAEMSP®.

AMA Credit Designation Statement:

The Medical College of Wisconsin designates this live activity a maximum of 46.25 *AMA PRA Category 1 Credit(s)*™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

ACCME Accreditation Statement:


The Medical College of Wisconsin is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education to physicians.


Other health care professionals are awarded 2.0 continuing education units (CEUs), which are equal to 20 contact hours.


NAEMSP® has applied for Continuing Education Hours through the Continuing Education Coordination Board for Emergency Medical Services (CECBEMS).

MEETING registration

There are three ways to register:

- 
Online
DEADLINE:
Dec. 20, 2011

Visit our web site at www.NAEMSP.org and click on the Meetings link.
- 
Via Fax
DEADLINE:
Dec. 16, 2011

Fax completed registration form (pages 9-10) with credit card payment information to: (913) 895-4652.
- 
By Mail
POSTMARK
DEADLINE:
Dec. 16, 2011

Mail completed registration form (pages 9-10) with appropriate fees to:
 NAEMSP® Executive Office
 P.O. Box 19570
 Lenexa, KS 66285-9570
 Courier Service Only:
 18000 West 105th Street
 Olathe, KS 66061

The deadline to postmark or fax registrations is December 16. Online registration will be available until December 20. After those two dates, all registrations will be processed on-site. Please bring your registration form and payment directly to the meeting.

Registrations will not be taken over the phone. All payments must be received prior to the beginning of the Annual Meeting. Registrations will not be processed until payment is received. NAEMSP® does not accept purchase orders and does not bill/invoice for services.

CONFIRMATION

For those registrations received prior to December 20, 2011, NAEMSP® will e-mail or mail a confirmation notice to you. If you do not receive a confirmation notice within 15 business days of registering, please contact our office at (800) 228-3677 or (913) 895-4611 to confirm receipt of your registration form.

CANCELLATION policy

Written notice of cancellations received on or before December 20, 2011, will be refunded less a \$50 processing fee without exception. No cancellations or refunds will be accepted after December 20, 2011. However, substitution of registrants is allowed. All refunds will be processed after the meeting.

QUESTIONS

Please direct any questions regarding the NAEMSP® Annual Meeting to the NAEMSP® Executive Office staff at (800) 228-3677 or (913) 895-4611, e-mail info-NAEMSP@goAMP.com, or visit our website at www.NAEMSP.org.

ATTIRE

All educational sessions and events are business casual.

HOTEL information

JW Marriott Starr Pass Resort & Spa
3800 W. Starr Pass Boulevard
Tucson, AZ 85745

Reservations

Room Rate: \$199 plus tax per night

Online reservations: <http://bit.ly/NAEMSP2012>

If you would rather call to make reservations, numbers are: (800) 266-9432 or (506) 474-2009. When making your reservations, ask for the NAEMSP® special rate.

Enjoy the mountains of Arizona at JW Marriott Starr Pass Resort & Spa. Located just west of an area considered the birthplace of Tucson, Arizona, this resort hotel is rich with culture, history and beauty. Experience a truly unique destination resort complete with world-class spa facilities and nationally acclaimed Arizona golf courses. Fine dining and award-winning restaurants further complement this one-of-a-kind Tucson resort hotel.

Starr Pass and its surrounding location offer a myriad of activities. Take time to discover the beauty of the Tucson Mountains and nearby sightseeing with shopping in local and quaint streets of Tucson. If you are the adventurous type, you could explore on horseback, by jeep, mountain bikes, or even hot air balloon. Many "one-of-a-kind" experiences await you at Starr Pass and



A BIG THANK YOU TO THE CONFERENCE PLANNING COMMITTEE

Beth Adams	Marc-David Munk
Steve Andrews	Brent Myers
Sandy Bogucki	Jon Rittenberger
Jane Brice	Paul Rostykus
Jose Cabanas	Joseph Sabato
Christopher Dong	Teri Sanddal
Toni Gross	David Slattery – Chair
Francis Guyette	Karl Sporer
William Justiz	David Tan
Kevin Mackey	Darren Walter
Susan McHenry	Karen Wanger
Francis Mencl	

around town. Just feel the spirit and enjoy all Starr Pass and Tucson have to offer.

The NAEMSP® special rate is available through December 14, so be sure to reserve your room by this deadline.

GROUND transportation

Arizona Stagecoach



Call (520) 889-1000 or go to the Arizona Stagecoach website at www.AZSTAGECOACH.com.

Cost: Single: \$26 one-way/\$46 round-trip
Couple: \$30 one-way/\$54 round-trip
Additional Passenger: \$4 one-way/ \$8 round-trip

Upon arrival and claiming your luggage in the lower level, check in at the Arizona Stagecoach counter. Follow the overhead "shared ride" van signs. You will have an approximate 15-minute wait. Please make your return reservation while you wait.

Departure: A change or cancellation must be made two hours prior to pick-up time. Call (520) 889-1000 or go to the Arizona Stagecoach website at www.AZSTAGECOACH.com.

Taxi

Taxis are approximately \$35 one-way.

PRE-CONFERENCE activities

Full faculty listing and course description on pages 8 and 11.

MONDAY, JANUARY 9 – WEDNESDAY, JANUARY 11

8:00 am – 5:00 pm each day

NAEMSP® National EMS Medical Directors Course & Practicum®

Course Co-Directors: *Beth Adams, MA, RN, NREMT-P; Robert Swor, DO*

Additional Registration Required/Fee: \$825-\$1075/Maximum of 75 participants

MONDAY, JANUARY 9 – TUESDAY, JANUARY 10

7:00 am – 7:00 pm each day

HAZMAT/WMD Training: First Responder Operations

Course Co-Directors: *Allen Yee, MD, OMD; David Tan, MD, EMT-T*

Additional Registration Required/Fee: \$185/Maximum of 24 participants

WEDNESDAY, JANUARY 11

8:00 am – 5:15 pm

NAEMSP® Advanced Topics in Medical Direction™ Course – Putting Science in the Streets: How to Implement Best Practices in Your EMS System

Course Director: *Brent Myers, MD*

Additional Registration Required/Fee: \$250/Maximum of 35 participants

1:00 pm – 7:00 pm

Distinctly Canadian Pre-Conference Workshop

Fee: \$25

3:00 pm – 7:00 pm **REGISTRATION**

5:00 pm – 9:00 pm **Committee Meetings** (*All attendees are welcome and encouraged to attend committee meetings.*)

- **Standards and Clinical Practice** – *Michael G. Millin, MD, MPH*

6:00 pm – 6:45 pm **NEW MEMBER RECEPTION**

New Members are invited to meet and network with the NAEMSP® Board of Directors and Committee Chairs.

7:00 pm – 9:00 pm

Council of EMS Fellowship Directors Meeting –

David C. Cone, MD

CONFERENCE activities

THURSDAY, JANUARY 12

7:00 am – 5:00 pm **REGISTRATION**

7:00 am – 8:15 am **CONTINENTAL BREAKFAST**

8:15 am – 8:30 am **Welcome & President's Address**

Ronald G. Pirrallo, MD, MHSA, NAEMSP® President

8:30 am – 9:15 am **Tragedy in Tucson: Conventional Weapon Attack**

Brad Bradley, EMT-P; Joshua B. Gaither, MD

On January 8, 2011, a single gunman first shot Congresswoman Gabrielle Giffords and then opened fire into the crowd attending her “Congress on Your Corner” event. The presenters will discuss the response to this event and the transition from prehospital to hospital care for victims of this tragic event. Through an in-depth evaluation of the response, several lessons can be learned to improve ability to respond to similar events in the future.

9:15 am – 10:30 am **Radiation Emergency in Fukushima, Japan**

Hiroyuki Hayashi, MD

Japan recently experienced a devastating earthquake and a historical radiation disaster, which has not yet been controlled. Once this disaster struck, almost all prior planning was in vain, and new thinking was needed to deal with the situation. From the painful lessons in a real disaster, the world can learn the obstacles and gain new insights into preparations for future events.

10:00 am – 4:15 pm **EXHIBIT HALL OPEN**

10:30 am – 11:00 am **BREAK IN EXHIBIT HALL**

11:00 am – 11:05 am **Prehospital Emergency Care Update**

Jim Menegazzi, PhD, Editor

11:05 am – 12:05 pm **Research Oral Abstracts #1 (1-4)**

Abstract titles and presenters will be listed in the January/February issue of Pre-hospital Emergency Care and posted to the NAEMSP® website.

12:05 pm – 1:00 pm **Boxed Lunch & Committee Meetings**

Committee Meetings (*All attendees are welcome and encouraged to attend committee meetings.*)

- **Air Medical Service Committee** – *Douglas Floccare, MD, MPH*
- **Asian Relations Committee** – *Sang Do Shin, MD, PhD; Marcus Ong, MD, MPH*
- **Development Committee** – *Robert O. Connor, MD, MPH*
- **Emergency Preparedness Committee** – *Brian Schwartz, MD*
- **Quality Improvement Committee** – *Ross E. Megargel, DO*
- **Rural EMS Committee** – *Paul Rostykus, MD, MPH*
- **Research Committee** – *Jon Studnek, PhD*
- **Wilderness EMS Committee** – *Michael G. Millin, MD, MPH*

1:00 pm – 1:15 pm **NAEMSP® Position Statement Update & Forum**

Michael G. Millin, MD, MPH

1:15 pm – 2:00 pm **Integrating Pediatric Emergency Medicine & EMS**

Marianne Gausche-Hill, MD; Peter Antevy, MD; David Perse, MD

This group of expert lecturers will discuss recent recommendations by the Institute of Medicine to incorporate a pediatric emergency care coordinator into EMS systems and highlight the collaboration of pediatric expertise and EMS systems administrators and directors in improving out-of-hospital care of children.

2:00 pm – 2:45 pm **Your Community Should Use the Field Triage Guideline!**

E. Brooke Lerner, PhD; John Fildes, MD, FACS, FCCM; Scott Sasser, MD, FACEP

The presenters will describe the changes to the *Guideline for Field Triage of Injured Patients* that will be released in January 2012. They will discuss the implementation process for the 2006 guideline changes and consider if there are lessons that can be learned for implementing the 2012 changes. Finally, they will explain areas of controversy within the revised guidelines and provide the information that medical directors will need when presenting the changes in their community and updating local protocols.

2:45 pm – 3:30 pm **Pediatric EMS Evidence-Based Update**
Marianne Gausche-Hill, MD

There have been recent guidelines published on the emergency care of children, including necessary equipment for ambulances and resuscitation of children's respiratory failure, shock and cardiopulmonary arrest. Controversies still exist regarding best management for the pediatric airway, and new devices are on the horizon. Latest issues and controversies in the out-of-hospital care of children highlighting latest advances in airway management and incorporation of recent American Heart Association Guidelines in prehospital protocols will be discussed.

3:30 pm – 4:15 pm **BREAK IN EXHIBIT HALL**

4:15 pm – 5:15 pm **Research Oral Abstracts #2 (5-8)**

Abstract titles and presenters will be listed in the January/February issue of Prehospital Emergency Care and posted to the NAEMSP® website.

5:15 pm – 6:30 pm **Research Poster Session # 1**

Abstract titles and presenters will be listed in the January/February issue of Prehospital Emergency Care and posted to the NAEMSP® website.

6:30 pm – 8:30 pm **WELCOME RECEPTION IN THE EXHIBIT HALL**

FRIDAY, JANUARY 13

7:00 am – 4:00 pm **REGISTRATION**

7:00 am – 8:00 am **CONTINENTAL BREAKFAST**

8:00 am – 9:00 am **Research Oral Abstracts #3 (9-12)**

Abstract titles and presenters will be listed in the January/February issue of Prehospital Emergency Care and posted to the NAEMSP® website.

9:00 am – 9:45 am **Australasian EMS System**

Paul Middleton, MBBS, FRCS(Eng)

"This presentation will showcase the Australian EMS system. Australia is made up of six states and two territories, with a landmass of approximately the same size as the US. In each state, there is a single EMS system, usually state-owned and operated, which operates independently of the Fire Service. The Ambulance Service of NSW (ASNSW) is one of the largest single systems in the world, with 4000 employees, of which 3500 are paramedics, 1000 ambulances, 225 stations and more than 1,000,000 calls each year. The system uses MPDS/CAD to dispatch patients, and there are two levels of paramedics, equivalent to BLS and ALS, as well as specialist paramedics. The ASNSW also houses the internal Ambulance Research Institute (ARI), a dedicated research facility that performs large pre-hospital epidemiological studies with GIS mapping, linked data research, large clinical trials and is currently building a state-wide network of in-hospital collaborators. ARI investigators are just about to start analysing a dataset of almost 3,000,000 EMS cases linked to ED, admitted patient and death databases.

9:45 am – 10:15 am **BREAK IN EXHIBIT HALL**

10:15 am – 11:15 am **James O. Page Memorial Lecture: What Would Jim Page Do? Leading Diverse Groups to Common Outcomes**

Jeff T. Dyar, Fire Commissioner

People have come to call Jim Page "the father of modern EMS," not because he held a position of power in government, was an attorney, executive, fire chief, state EMS director or publisher, although he was all of those. It was because he was a promoter of great ideas, and he had the gumption to express these ideas artfully and honestly through whatever medium presented itself, be it a TV show like "Emergency!," a magazine like JEMS, a conference, a courtroom, a book, video or a Web blog. Jim's ideas took hold, inspiring thousands and changing the very way in which we thought about how society should care for people in need of emergency services and always with consideration for the EMTs and paramedics who deliver the care in the pre-hospital setting.

Jim Page was a master at leading uncommon, competitive and sometimes uncooperative groups to a shared vision and common outcomes. Commissioner Jeff Dyar will chronicle some of these events and discuss strategies Jim created that led to national legacy programs in EMS. Mentoring others to accomplish better inter-agency communication and common outcomes will also be discussed.

11:15 am – 12:15 pm **Research Oral Abstracts #4 (13-16)**

Abstract titles and presenters will be listed in the January/February issue of Prehospital Emergency Care and posted to the NAEMSP® website.

12:15 pm – 1:30 pm **LUNCH & LEARN: Rethinking Sudden Cardiac Arrest – State-Wide Strategies to Improve SCA Survival Rates**

Bentley J. Bobrow, MD, FACEP; Daniel Spaite, MD, FACEP; Gordon Ewy, MD; Brent Myers, MD; Lisa Monk, MSN, RN, CPHQ

Hear how five states are developing, integrating and measuring best practices in all phases of resuscitation through the HeartRescue Project.

12:15 pm – 1:30 pm **COMMITTEE MEETINGS** (All attendees are welcome and encouraged to attend committee meetings)

- **ACEP-EMS Committee Meeting** – Rick Murray
- **Canadian EMS Fellowship Program Special Interest Group** – Russell MacDonald, MD
- **EMS Fellows and Fellowship Graduates Ad Hoc Committee** – Christian Martin-Gill, MD
- **Membership Committee** – Chuck Cady, MD
- **Pediatric Ad Hoc Committee Meeting** – Toni K. Gross, MD, MPH
- **TEMS Committee** – Richard Kamin, MD, FACEP



CONCURRENT SESSIONS

TRACK #1 – 1:30 pm – 2:15 pm

TRACK #2 – 2:25 pm – 3:10 pm

TRACK #3 – 4:00 pm – 4:55 pm

1:30 pm – 2:15 pm

1A: Controversies in STEMI Care

Kevin Mackey, MD, FACEP; Angelo Salvucci, MD

Regional STEMI systems present unique opportunities and challenges to not only the providers, but the administrators who design and operate the STEMI networks as well. During this presentation, the participant will develop an understanding of variable decisions when considering STEMI system design, including the advantages and disadvantages of transmitting EKGs, when paramedic read might be better than machine read and when STEMI patients in rural environments should be flown for primary PCI. The participant will have an opportunity to troubleshoot his or her own system with the presenters during the presentation.

1B: Joplin & Alabama Tornado Disaster Responses

Elwin Crawford, MD; Sarah Nafziger, MD, FACEP; Brian Froelke, MD, FACEP

On April 27, 2011, the state of Alabama was ravaged by one of the worst tornado outbreaks in recorded history, with 62 tornadoes touching down in a period of less than 24 hours. This widespread outbreak left paths of destruction across the majority of the state and completely destroyed entire communities. In this session, presenters will discuss both the pre-hospital response to this disaster, as well as the hospital response as it relates to EMS. Specifically, presenters will focus on lessons learned from this event and discuss how changes made post-Hurricane Katrina affected the response.

1C: Statewide Implementation of the Prehospital Traumatic Brain Injury Guidelines: The EPIC Project

Bentley J. Bobrow, MD, FACEP; Daniel W. Spaite, MD, FACEP

Traumatic brain injury (TBI) causes 50,000 deaths each year and costs the United States billions of dollars. There is strong evidence that the management of severe TBI in the first few minutes after injury profoundly impacts patient outcomes. Learn how a statewide, prospective, historically controlled, observational study is underway in Arizona to evaluate the effectiveness of implementing the nationally vetted prehospital TBI guidelines.

2:25 pm – 3:10 pm

2A: Dealing with Behavioral Emergencies in the Field: Where Are We & Where Do We Need to Be?

Leslie S. Zun, MD

Many patients are evaluated, treated and transported from the field with behavioral emergencies. There is a significant concern and lack of comfort with taking care of these patients. The presenter will address what is known about the EMS response to the psychiatric patient, handling the agitated patient and treatment of psychiatric patient in the field. The presenter will also discuss the knowledge gaps and research needs for dealing with behavioral emergencies in the field.

2B: Challenges in Rural/Frontier EMS

Paul S. Rostykus, MD, MPH; Jim DeTienne

Rural and frontier settings present many unique challenges for EMS systems and medical directors related to the availability of resources, distances involved and frequency of events. The presenters will discuss several relevant aspects of EMS where rural and frontier systems differ significantly from those of metropolitan and suburban regions. The adage “If you’ve seen one EMS system, then you’ve seen one EMS system” applies to rural and frontier EMS as well and opens the opportunity for EMS medical directors to develop creative solutions to the challenges.

2C: Comparative Effectiveness Research: Opportunities for the EMS Community

Prasanthi Govindarajan MD, MAS; Manish N. Shah, MD, MPH; Zachary F. Meisel, MD, MPH, MSc

As clinicians and policymakers try to determine the optimal care strategies and health care system structure, they have begun to turn to comparative effectiveness research as a solution. The goal of this session is to introduce the definition of comparative effectiveness research to the EMS community, and present examples of successful grants and publications related to pre-hospital and emergency care. The current federal funding environment for comparative effectiveness research and opportunities for young investigators will also be presented by experts in this field.

3:15 pm – 4:15 pm

BREAK IN EXHIBIT HALL

3:15 pm – 4:15 pm

Poster Session #2

4:15 pm – 5:05 pm

3A: Border Patrol & Tactical Medicine: BORSTAR Demonstration

Carl McClafferty; Gerald Bryan

The U.S. Border Patrol Search, Trauma, and Rescue (BORSTAR) Unit is a specialized SAR unit capable of responding to and conducting emergency search and rescue missions anywhere in the United States. Created in 1998 in response to Border Patrol Agents losing their lives in remote locations, as well as the growing number of migrant deaths along our nation’s border, BORSTAR deploys to high-threat areas to conduct enforcement operations while simultaneously providing assistance to those in distress. BORSTAR agents also respond to incidents of national significance as directed by the Chief of the Border Patrol.

BORSTAR command staff will discuss the team’s background, training and selection process, as well as present typical BORSTAR operations across the United States.

3B: Medical Oversight of Wilderness EMS

Will Smith, MD, NREMT-P

Medical oversight of wilderness EMS presents a challenge as it must allow prehospital providers to take care of the patient in whatever austere environment they find themselves without the usual resources. The presenters will lead the group through some of the topics unique to medical oversight of wilderness EMS and what protocols and other skills can be implemented to optimize care of patients in the wilderness setting.

3C: Well...We’re Waiting! Using Radiofrequency Identification Device (RFID) Technology as a Key to ED EMS Gridlock

Sheila Hollinger Steer, MD, FACEP

ED EMS turnaround times are difficult to evaluate and address effectively. Radiofrequency Identification (RFID) technology can be used to passively collect EMS throughput data and identify system variances. Analyzed system data can be a common language spoken between EMS and hospital administrators to lower EMS throughput times in the ED.

5:05 pm – 6:05 pm

Research Oral Abstracts #5 (17-20)

Abstract titles and presenters will be listed in the January/February issue of Prehospital Emergency Care and posted to the NAEMSP® website.

6:05 pm – 7:05 pm

Research Poster Session #3

Abstract titles and presenters will be listed in the January/February issue of Prehospital Emergency Care and posted to the NAEMSP® website.

SATURDAY, JANUARY 14

7:00 am – 8:00 am **CONTINENTAL BREAKFAST**7:00 am – 4:00 pm **REGISTRATION**7:00 am – 8:00 am **Committee Meetings** (All attendees are welcome and encouraged to attend committee meetings)

- **International Affairs Task Force** – Darren Walter, FRCS, FCEM DipIMC
- **Program Committee** – David Slattery, MD
- **Communications Committee** – Mic Gunderson
- **Education Ad Hoc Committee** – Juan March, MD
- **Public Health Ad Hoc Committee** – Joseph Sabato, Jr., MD
- **Fireground/HAZMAT Committee** – Allen Yee, MD, OMD and David Tan, MD, EMT-T

8:00 am – 9:00 am **Community Paramedics: Here, There & (Soon) Everywhere**

Gary Wingrove, EMT-P (ret.); Kevin McGinnis, MPS, EMT-P; Dan Swayze, DrPH, MBA, MEMS

The panelists will describe the progression of the community paramedic training program in use in the United States and other countries. It will also outline the activities of the International Roundtable on Community.

9:00 am – 10:00 am **Ventricular Assist Devices: What You & Your EMS Providers Need to Know**

Jacob B. Keeperman, MD

Ventricular assist devices (VADs) are now a treatment modality being used outside of the hospital setting, and EMS professionals are being called on to treat these patients on a regular basis. VAD technology has not been a part of traditional EMS provider curricula; however, patients are instructed to call EMS when they have a problem. The presenter will explore the role of the EMS professional in taking care of patients who need a VAD and provide some hands-on practice in trouble shooting VAD devices.

10:00 am – 10:15 am **REFRESHMENT BREAK**10:15 am – 11:15am **Physician Oversight of EMS Dispatch** – David C. Cone, MD

Emergency medical dispatch is an important component of the EMS system, yet one that rarely receives the same degree of physician oversight as the rest of the system. As the clinical aspects of dispatch steadily increase, with widespread adoption of post-dispatch instructions and dispatch life support, and evolving science regarding both dispatches in general and dispatcher-instructed CPR in particular, the role of physician oversight is increasing in importance. The presenter will discuss the role of the physician in providing medical oversight for emergency medical dispatch programs, including establishing dispatch algorithms and response configurations, oversight of dispatcher education and credentialing, research and participation in ongoing quality management.

11:15 am – 12:00 pm **EMS Subspecialty Certification Update**
Jane Brice, MD, MPH; David C. Cone, MD;
Debra Perina, MD

The presenters will discuss the current EMS subspecialty test development efforts, projected timeline and final EMS core content. The presentation will also include methodology utilized to create the final core content and blueprint for the certification examination.

12:00 pm – 1:45 pm **AWARDS LUNCHEON**1:45 pm – 2:30 pm **Physician Orders for Life-Sustaining Treatment (POLST) & the POLST Registry: Communicating Patient Treatment Preferences**

Ritu Sahni, MD, MPH; Terri Schmidt, MD, MS

In the 1990s, Oregon pioneered using Physician orders for Life-Sustaining Treatment (POLST) to communicate patient preferences across treatment settings. POLST is now used or being developed in more than 30 states as a means to help EMS and others know and honor a patient's preferences near the end of life. In 2009, Oregon developed an electronic registry for POLST forms making them available when the paper form cannot be found. Using cases and experience, the presenters will review how these orders allow EMS to better know what intentions to perform for chronically ill patients.

2:30 pm – 3:30 pm **Bridging the Gap: Pediatric Emergency Medicine & EMS**

Manish I. Shah, MD

EMS professionals have a unique opportunity to positively impact the care that children receive in the prehospital setting. Attendees at this session will learn about existing gaps in pediatric prehospital care, and the presenter will focus on ways to overcome them. Using examples from across the country, attendees will learn how professionals in EMS and pediatric emergency medicine can collaborate to optimize provider education, research and patient care for pediatric patients.

3:30 pm – 3:45 pm **BREAK**3:45 pm – 4:45 pm **The Canadian Evidence-Based Protocol Project**

Andrew H. Travers, MD, MSc, FRCPC

The presenter will outline the purposes for the Prehospital Evidence-Based Protocols Project, which includes:

- Cataloguing EMS studies to stimulate debate and growth toward evidence-based protocols.
- Being a resource for the development of local EMS protocols; perhaps with a movement toward "best practice" paramedic protocols.
- Being a guide to help recognize opportunities for prehospital research.
- Developing a process of using evidence to evaluate practice change suggestions made by paramedics.

4:45 pm – 5:30 pm **Top 10 Articles**

Michael G. Millin, MD, MPH; Jon C.

Rittenberger MD, EMT-B; Blair Bigham MSc ACP

The presenters will introduce and discuss the top 10 articles in EMS over the past year. They will discuss salient aspects of the articles, why they feel the articles are important and how medical directors can utilize the articles in their own EMS systems.

5:30 pm **Closing Reception**

NAEMSP® National EMS Medical Directors Course & Practicum®

Monday – Wednesday, January 9-11, 2012

8:00 am – 5:00 pm each day

Maximum enrollment: 75 participants

Registration Fees

Advance Registration Only Postmarked/Faxed by Dec. 16 or Online by Dec. 20	
NAEMSP® Member	\$825
NAEMSP® Non-Member**	\$1075

**Non-Member rate includes membership in NAEMSP® for one year with a \$25 membership discount for new members. This discount applies to new members only. Please notify us if you do not wish to join NAEMSP®. The above non-member rate will still apply.

Continental Breakfast is included in the registration fees for Monday, Tuesday and Wednesday. Lunch will be on your own each day.

NAEMSP® is the pre-eminent organization for EMS medical directors, and it has offered the NAEMSP® National EMS Medical Directors Course and Practicum® course for a number of years. The distinguished faculty is recognized as experts in various aspects of the prehospital and disaster medicine/management fields.

This interactive course focuses on EMS in the “real world”, and serves to enhance the students’ expertise in EMS issues. In addition to curriculum elements that run the range and depth of issues vital to EMS medical directorship, the students will have ample opportunity throughout the course to network with faculty and fellow students to critically evaluate their system. The companion texts for the course are the *Clinical Aspects of Prehospital Medicine, Medical Oversight of EMS, Evaluating and Improving Quality in EMS, and Special Operations Medical Support*, by editors David C. Cone, MD and Robert O’Connor, MD, MPH. The texts are included in the registration fee and are available to all participants on-site in Tucson.

This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of the Medical College of Wisconsin and NAEMSP®.

AMA Credit Designation Statement:

The Medical College of Wisconsin designates this live activity a maximum of 22.75 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

ACCME Accreditation Statement:

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Other health care professionals are awarded 2.1 continuing education units (CEUs) which are equal to 21 contact hours.

While not required, previous completion of the NAEMSP® National EMS Medical Directors Course and Practicum® is recommended.

HAZMAT/WMD Training: First Responder Operations Pre-Conference Workshop

Monday – Tuesday, January 9-10, 2012 7:00 am – 7:00 pm each day

Registration Fees: \$185 Maximum enrollment: 24 participants

NAEMSP® is proud to partner with the education and training divisions of the International Association of Fire Fighters (IAFF) to offer the First Responder Operations course. As operational medical directors, we may respond to assist in a HAZMAT/WMD incident. This course provides the knowledge and tools needed to protect health and safety, while covering basic defensive actions, personal protective equipment, hazard recognition and identification, pre-incident planning and scene management. The First Responder Operations course offers us an opportunity to learn about responding to HAZMAT/WMD in the out-of-hospital environment.

After completing this course, students will be able to describe and practice basic strategies to safeguard their health and safety when their work involves

potential exposure to hazardous materials. Students will gain the knowledge and skills needed to:

- Recognize and identify the clues that determine the presence of HAZMAT/WMD
- Research and evaluate exposure information
- Make decisions and execute appropriate actions
- Implement defensive control measures that minimize risks to health and safety

This course may fulfill your agency’s training requirements for responders. The course is facilitated through small group activities and real-life case studies. Meets or exceeds OSHA (29 CFR 1910.120) and NFPA Standards (472).

NAEMSP® Advanced Topics in Medical Direction™ Course – Putting Science in the Streets: How to Implement Best Practices in Your EMS System

Wednesday, January 11, 2012

8:00 am – 5:15 pm

Registration Fees: \$250

Maximum enrollment: 35 participants

This unique one-day workshop is designed for practicing EMS Medical Directors and others who engage in clinical supervision of functioning emergency medical dispatchers, emergency medical technicians, and paramedics. This popular pre-conference workshop has been revised with new topics, a mix of new and returning faculty, and a continuation of the interactive, face-paced format. Register now to ensure your seat!

While not required, previous completion of the NAEMSP® National EMS Medical Directors Course & Practicum® is recommended. Not only will the latest science be reviewed, but the concepts of translational medicine also will be interwoven as we ask the paramount question: how do we assure our patients are receiving data-driven care in the streets? This interactive, fast-paced workshop lead by national experts will address the following:

- First Response Configuration
- Automatic Crash Notification and Trauma
- Diversion for Omega
- On-star and EMS
- Safety in EMS
- Time for a Checklist
- Tourniquets
- Two Paramedics in 8:59/NFPA 1710 – pro
- Two Paramedics in 8:59/NFPA 1710 – con
- Mechanical Compression Devices
- Ideal Resuscitation and Hormone
- Evidenced-Based Measures and Resuscitation in 2012
- DSED Update
- Droperidol for Agitation
- Regional Centers
- Alternative Destinations/CHF Treatment

Distinctly Canadian Pre-Conference Workshop

Wednesday, January 11

1:00 pm – 7:00 pm

Registration Fees: \$25

What’s going on in the Canadian EMS world? Want to explore the latest in prehospital care across our vast country? Looking forward to catching up with your Canadian EMS colleagues?

For the first time, activities have been organized specifically for the Canadian contingent at the NAEMSP® Annual Meeting. Presentations of interest to all Canadian EMS health professionals include:

1. Preliminary results of the Canadian EMS Research Agenda Study
2. Prehospital STEMI care across Canada: a panel discussion
3. How sick is this patient? Prehospital triage systems in Canada

The Canadian Relations Committee Meeting will also be scheduled during the session, ensuring that all attendees are up-to-date about EMS developments across Canada.

Finally, the afternoon will conclude with an informal social get-together, where light refreshments will be served.

JANUARY 12-14, 2012 JW MARRIOTT STARR PASS RESORT & SPA TUCSON, AZ



Would you rather register online? NAEMSP® is pleased to offer online registration until December 20. Visit www.NAEMSP.org to register.

STEP ONE: Badge Information

** Full Name: _____

** Organization: _____

Address: _____

** City: _____

** State/Province: _____ Zip: _____

Phone: _____ Fax: _____

E-mail: _____

** This information will be used for your name badge

STEP TWO: General Information

Special Needs (dietary/accessibility): _____

REQUIRED: In case of emergency at the meeting, please contact (Name/Telephone/Relationship): _____

- Please check here if you are a first-time attendee of the NAEMSP® Annual Meeting
- Please check here if you would like to be included in promotional mailing from our exhibitors

STEP THREE: Pre-Conference Activities

Advanced Registration Only – Postmarked/Fax by Dec. 16 or Online by Dec. 20

NAEMSP® National EMS Medical Directors Course & Practicum®

- NAEMSP® Member \$825
- NAEMSP® Non-Member** \$1075
- ** Non-Member rate includes membership in NAEMSP® for one year, with a membership discount for new members. This discount applies to new members only. Please notify us if you do not wish to join NAEMSP®. The above non-member rate will still apply.
- NAEMSP® Advanced Topics in Medical Direction™ Course \$250
- HAZMAT/WMD Training \$185
- Distinctly Canadian Pre-Conference Workshop \$25

\$ _____

STEP FOUR: Conference Registration Fees

The registration fee includes educational sessions, activities and social events for paid attendees. This includes Continental Breakfasts, Refreshment Breaks, Program Materials, the President’s Reception, the Welcome Reception, the two group luncheons, and the Awards Luncheon. **Please check the category that applies below:**

NAEMSP® MEMBER

Advanced Registration – Postmarked/Fax by Dec. 16 or Online by Dec. 20.
All on-site registrations will be subject to a late fee.

	Advanced Registration	On-Site
<input type="checkbox"/> Physician	<input type="checkbox"/> \$575	<input type="checkbox"/> \$690
<input type="checkbox"/> Professional	<input type="checkbox"/> \$400	<input type="checkbox"/> \$480
<input type="checkbox"/> Resident	<input type="checkbox"/> \$400	<input type="checkbox"/> \$480
<input type="checkbox"/> Fellow	<input type="checkbox"/> \$500	<input type="checkbox"/> \$600
<input type="checkbox"/> Student	<input type="checkbox"/> \$250	<input type="checkbox"/> \$300
<input type="checkbox"/> International*	<input type="checkbox"/> \$575	<input type="checkbox"/> \$690

NON-MEMBER**

<input type="checkbox"/> Physician Non-Member	<input type="checkbox"/> \$850	<input type="checkbox"/> \$965
<input type="checkbox"/> Professional Non-Member	<input type="checkbox"/> \$560	<input type="checkbox"/> \$615
<input type="checkbox"/> Resident Non-Member	<input type="checkbox"/> \$530	<input type="checkbox"/> \$585
<input type="checkbox"/> Fellow Non-Member	<input type="checkbox"/> \$660	<input type="checkbox"/> \$735
<input type="checkbox"/> Student Non-Member	<input type="checkbox"/> \$350	<input type="checkbox"/> \$375
<input type="checkbox"/> International* Non-Member	<input type="checkbox"/> \$710	<input type="checkbox"/> \$825

* International registration category applies to International Members only. All other member categories are not eligible even if they reside outside of North America. Please contact NAEMSP® if you wish to change your membership type.

** Non-Member rate includes membership in NAEMSP® for one year, with a discount for new members. This discount applies to new members only. Please notify us if you do not wish to join NAEMSP®. The above non-member rate will still apply.

STEP FIVE: Single-Day Attendance

Please mark which day you will attend. This will allow attendance at that day's events only.

Registration Type	PER DAY	Thursday	Friday	Saturday
Physician	\$276	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Professional	\$192	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Resident	\$192	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fellow	\$240	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Student	\$120	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
International*	\$276	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

STEP SIX: Membership Renewal

Has your NAEMSP® Membership lapsed?

Renew now! Dues renewed now at the rates below will be good through 12/31/2012.

- Physician Membership Renewal \$325
- International Membership Renewal \$160
- Professional Membership Renewal \$160
- Fellow Membership Renewal \$160
- Resident Membership Renewal \$130
- Student Membership Renewal \$100

STEP SEVEN: Guest(s) Fee & Optional Activities

- Guest(s) Fee \$125
Guest(s) fee includes the Welcome Reception
Guest Name _____
- Exhibit Hall Pass \$75

STEP EIGHT: Total Fees

Total Pre-Conference Activities (step 3) \$ _____

Total Conference Registration Fees (step 4) \$ _____

OR

Total Single-Day Attendance (step 5) \$ _____

Total Membership Renewal Fee (step 6) \$ _____

Total Guest(s) Fee & Optional Activities (step 7) \$ _____

TOTAL PAYMENT ENCLOSED \$ _____

(Payment is due with the registration form)

STEP NINE: Method of Payment

All funds **MUST** be submitted on a U.S. bank in U.S. funds.

NAEMSP® does not accept Purchase Orders or invoice for services.
Tax ID 57-0820621

Check made payable to NAEMSP® – check # _____

Charge payment to the following credit card:

American Express VISA MasterCard Discover

Credit Card Number Expiration Date

Print Name on Card

Signature Date

STEP TEN: Send in Your Registration

1.  **Online:** Visit our website at www.NAEMSP.org and click on the Meetings link.
DEADLINE: Dec. 20, 2011
2.  **Via Fax:** Fax completed registration form with credit card payment information to: (913) 895-4652.
DEADLINE: Dec. 16, 2011
3.  **By Mail:** Mail completed registration form and appropriate fees to:
NAEMSP® Executive Office
P.O. Box 19570
Lenexa, KS 66285-9570

Courier service only:
18000 W. 105th St.
Olathe, KS 66061

The deadline to postmark and fax registrations is December 16. Online registration will be available until December 20. After those two dates, all registrations will be processed on-site. Please bring your registration form and payment directly to the Annual Meeting.

Registrations will not be taken over the phone. All payments must be received prior to the beginning of the Annual Meeting. Registrations will not be processed until payment is received. NAEMSP® does not accept Purchase Orders and does not bill/invoice for services.

Cancellation Policy:

Written notice of cancellation received on or before December 20, 2011 will be refunded less a \$50 processing fee without exception (to be processed after the meeting). No refunds will be issued for cancellations received after December 20, 2011. Substitution of registrants is allowed.

Questions? Call (800) 228-3677 or (913) 895-4611, fax (913) 895-4652 or e-mail info-naemsp@goAMP.com.



The following faculty members are confirmed speakers at this event. However, due to unforeseen scheduling conflicts, speakers are subject to change.

FACULTY DISCLOSURE – In accordance with Accreditation Council for Continuing Medical Education requirements on disclosure, information about relationships of presenters with commercial interests (if any) will be included in materials distributed at the time of the conference.

**PRE-CONFERENCE WORKSHOP
FACULTY**
**NAEMSP® National EMS
Medical Directors Course
and Practicum®**

Robert Swor, DO
Course Co-Director
William Beaumont Hospital
Department of Emergency Medicine
Royal Oak, MI

Beth Adams, MA, RN, NREMT-P
Course Co-Director
Fairfax County Fire & Rescue
Department
Haymarket, VA

Robert R. Bass, MD, FACEP
MIEMSS
Baltimore, MD

Marc Eckstein, MD, MPH
Los Angeles Fire Department
Los Angeles, CA

William D. Fales, MD, FACEP
Michigan State University
Kalamazoo Ctr. for Medical Studies
Kalamazoo, MI

Raymond Fowler, MD
University of Texas Southwestern
Medical Center
Emergency Medicine
Dallas, TX

Marianne Gausche-Hill, MD
Harbor UCLA Medical Center
Torrance, CA

Thomas P. Judge, EMT-P
Life Flight of Maine
Bangor, ME

Winnie A. Maggiore, JD, EMT-P
Placitas, NM

Brent Myers, MD
Wake County EMS
Raleigh, NC

Jerry Overton, MPA
International Academies of
Emergency Dispatch
Salt Lake City, UT

Ronald G. Pirralo, MD, MHSA
Milwaukee County EMS
Medical College of Wisconsin
Milwaukee, WI

Edward M. Racht, MD
AMR Medicine
Austin, TX

Juliette M. Saussy, MD
Louisiana State Univ. School of
Medicine
Metairie, LA

Michael R. Sayre, MD
The Ohio State University
Department of Emergency Medicine
Columbus, OH

**Andrew H. Travers, MD, MSc,
FRCP**
Emergency Health Services -
Nova Scotia
Dartmouth, NS, Canada

Henry E. Wang, MD, MPH
University of Alabama
Department of Emergency Medicine
Birmingham, AL

**NAEMSP® Advanced Topics
in Medical Direction™**
Brent Myers, MD
Course Director
Wake County EMS
Raleigh, NC

Tom Aufderheide, MD
Medical College of Wisconsin
Madison, WI

Jeff Beeson, DO
EPAB, MEDSTAR
Fort Worth, TX

Blair Bigham, MSc ACP
Rescu,
St. Michael's Hospital
University of Toronto
Toronto, ON, Canada

Chris Colwell, MD, FACEP
Denver Health and Hospital
Authority
Denver, CO

Alan Craig, MS
EMS Deputy Chief
Toronto, ON, Canada

Raymond Fowler, MD
University of Texas Southwest
Medical Center
Dallas, TX

Jeff Goodloe, MD
University of Oklahoma
Tulsa, OK

Paul Hinchey, MD, MBA
Austin, TX

Marcus Ong, MD, MPH
Singapore General Hospital
Singapore

Paul Pepe, MD, MPH
University of Texas Southwest
Medical Center
Dallas, TX

Scott Sasser, MD, FACEP
Emory University's School of
Medicine
Atlanta, GA

Paul Stiegler, MD, FACEP
Medical Director, OnStar
Middleton, WI

Doug Swanson, MD
Mecklenburg EMS Agency
Charlotte, NC

Peter Taillac, MD
Utah State EMS Medical Director
Salt Lake City, UT

Terrance Valenzuela, MD, MPH
Tucson Fire Department
Tucson, AZ

Jane Wigginton, MD
University of Texas Southwest
Medical Center
Dallas, Texas

**HAZMAT/WMD Training:
First Responder Operations**
David Tan, MD, EMT-T
Course Co-Director
Washington University
O'Fallon, MO

Allen Yee, MD, OMD
Course Co-Director
Chesterfield Fire and EMS
Moseley, VA

CONFERENCE FACULTY
Peter Antevy, MD
Joe DiMaggio Children's Hospital
Hollywood, FL

Blair Bigham, MSc ACP
Rescu, St. Michael's Hospital,
University of Toronto
Toronto ON, Canada

Bentley J. Bobrow, MD, FACEP
Maricopa Medical Center
Scottsdale, AZ

Brad Bradley, EMT-P
Northwest Fire District
Tucson, AZ

Jane Brice, MD, MPH
University of North Carolina
Chapel Hill, NC

Gerald Bryan
CBP/Office of Border Patrol
Special Operations Group HQ
El Paso, Texas

David C. Cone, MD
Yale University School of Medicine
New Haven, CT

Elwin Crawford, MD
Tuscaloosa Medical Center North
Northport, AL

Jim DeTienne
EMS & Trauma Systems, MT Dept.
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Helena, MT

Jeff T. Dyar
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Brian Froelke, MD, FACEP
Washington University
St. Louis, MO

Joshua B. Gaither, MD
University of Arizona
Tucson, AZ

Marianne Gausche-Hill, MD
Harbor UCLA Medical Center
Torrance, CA

**Prasanthi Govindarajan MD,
MAS**
University of California, San
Francisco
San Francisco, CA

Hiroyuki Hayashi, MD
University of Fukui Hospital
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**Sheila Hollinger Steer, MD,
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E. Brooke Lerner, PhD
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Kevin E. Mackey, MD, FACEP
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Sacramento, CA

Carl McClaffety
CBP/Office of Border Patrol
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Maine EMS - Department of
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Perelman School of Medicine
Philadelphia, PA

**Paul Middleton, MBBS, FRCS
(Eng)**
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Sydney, Australia

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Wake County EMS
Raleigh, NC

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Birmingham, AL

Debra G. Perina, MD
University of Virginia
Ruckersville, VA

David E. Persse, MD
City of Houston
Houston, TX

Jon C. Rittenberger, MD, EMT-B
University of Pittsburgh
Pittsburgh, PA

Paul S. Rostykus, MD, MPH
Jackson County EMS
Ashland, OR

Ritu Sahni, MD, MPH
Oregon Health and Science
University
Lake Oswego, OR

Angelo Salvucci, MD
Ventura County EMS
Oxnard, CA

Scott Sasser, MD, FACEP
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Manish I. Shah, MD
Baylor College of Medicine
Houston, TX

Manish N. Shah, MD, MPH
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2012

ANNUAL MEETING

SPECIALTY WORKSHOPS, SCIENTIFIC ASSEMBLY AND TRADE SHOW

JANUARY 12-14, 2012 JW MARRIOTT STARR PASS RESORT & SPA TUCSON, AZ

MISSION STATEMENT

The NAEMSP® is an organization of physicians and other professionals partnering to provide leadership and foster excellence in out-of-hospital emergency medical services.