



# EMS STATE OF THE SCIENCE: A Gathering of Eagles XIII



**FRIDAY-SATURDAY  
FEBRUARY 25-26, 2011**

Fairmont Dallas Hotel • Dallas, Texas

Sponsored by  
UT Southwestern Department of Surgery  
and the Office of Continuing Medical Education

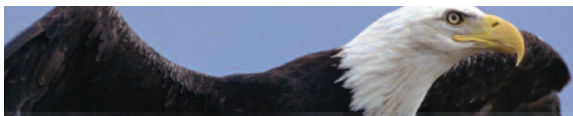
**UT SOUTHWESTERN**  
MEDICAL CENTER

## COURSE DIRECTOR

**Paul E. Pepe, MD, MPH, FCCM, FACEP**

*Professor, Surgery, Medicine, Pediatrics, Public Health  
and Chair Emergency Medicine,  
UT Southwestern Medical Center, Dallas, Texas  
Director, City of Dallas Medical Emergency Services  
for Public Safety, Public Health and Homeland Security*





## Friday Morning, February 25, 2011

**Former Surgeon General's Warning:** Do not set the following times in stone (or any other material). The Eagles notoriously do not run on time and are often ahead of schedule despite valiant past efforts by some errant faculty members to run over or add in gratuitous rim-shot jokes (a.k.a. "groaners"). Also, if you are elderly (definition = anyone 15 years older than yourself), have uncontrolled high blood pressure, or are subject to vertigo, dizziness, heart disease or are prone to take yourself too seriously or if you are offended easily (or if you easily offend others), you may not want to attend this conclave.

7:00 am	<b>Registration, Continental Repast and VIP Reception</b>
7:30 am	THE 2011 CONFERENCE BEGINS Welcome and General Announcements
7:40 am	Course Overview and Philosophy – Raymond L. Fowler, MD ( <i>The First Eagle</i> ) – Paul E. Pepe, MD, MPH (Course Coordinator)

### The Quintessential Experience!

At five of the hour, the Quintessential Educator Arrives from his Pentad Penthouse and Pleads the Fifth, But Still Gets Us "Five to Life" Sentences for a Pentatonic Quintet of Five-Finger Discourses on a Quintuplet of Scientific Pentagrams!

7:55 am-8:10 am	The Pentagon Papers: The Five Most Important Publications of the Past Year – Corey M. Slovis, MD (Nashville)
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## Beyond the 2010 Guidelines: Two-Thousand & Eleven Ways to Deal with Cardiac Arrest

8:15 am-8:25 am	We Will, We Will ROC You! Results of the North American Multi-Center ITD Trial! – Tom P. Aufderheide, MD (ROC ITD Principal Investigator)
8:30 am-8:40 am	The Upside of AC-DC CPR: Results of the North American Multi-Center ResQ Trial – R.J. Frascione, MD (St. Paul)
8:45 am-8:55 am	Conscientious Objector: New Guidelines I Won't Be Following! – Kathleen S. Schrank, MD (Miami)
9:00 am-9:10 am	Adrenaline Rush! Early IO Administration of Epinephrine – Craig A. Manifold, DO (San Antonio)
9:15 am-9:25 am	A Shocking Two-some! The Big Easy Experience with Big Difficult VF – Juliette M. Saussy, MD (New Orleans)
9:30 am-9:40 am	Get SMART: Results of a VF Waveform Analysis Trial – John P. Freese, MD (New York)
9:45 am-9:55 am	Resuscitation Coordination: The Pit Crew Approach to Cardiac Arrest – Paul R. Hinchey, MD (Austin)
9:55 am-10:10 am	<b>PLEASE, GIVE US A BREAK</b> (Quarter hour)
10:10 am-10:30 am	The Eagles Wing It: Lightning Rounds # 1 with above speakers and several others... – U.S. Metropolitan Municipalities EMS & Federal Agency Medical Directors

## The Hands-On Approach: Experiences with Uninterrupted Chest Compressions

10:30 am-10:40 am	History and Mystery of the "Cobb Line": The Medic One Experience with Continuous Compressions – Michael K. Copass, MD (Seattle)
10:45 am-10:55 am	KC Masterpiece: Saving Lives with Continuous Chest Compressions – Joseph A. Salomone, MD (Kansas City)
11:00 am-11:10 am	It's Basically the Basics: The Fundamental Benefits of Resuscitation Research – Paul E. Pepe, MD, MPH (Dallas)
11:15 am-11:25 am	Please Don't Interrupt Me! The Impact of Lay Rescuer Compressions-Only CPR – John V. Gallagher, MD (Phoenix)
11:30 am-11:35 am	CPR Meets Amway: The Take Ten Approach to Compressions-Only CPR – Paul R. Hinchey, MD (Austin)
11:35 am-12:00 pm	<ul style="list-style-type: none"> <li>• Presentation of a Special Lifetime Achievement Award – Terence D. Valenzuela, MD, MPH and Friends</li> <li>• Presentation of the Annual Michael K. Copass Excellence in EMS Award – Michael K. Copass, MD and Friends</li> <li>• Presentation of the Annual Paul E. Pepe Excellence in EMS Award – Raymond L. Fowler, MD and Friends</li> </ul>

12:00 pm-1:00 pm

## LUNCH WITH THE BUNCH

Participants Break Bread with Eagles

## Friday Afternoon, February 25, 2011

### After-Lunch Stealth Health Special:

1:10 pm-1:20 pm	Flying Under the Radar: Low-Visibility Out-of-Hospital Emergency Care – Scott E. Young, DO ( <i>White House</i> )
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### Two-Thousand & Eleven Re-Caps about Capnography: A Mini-Symposium about End-Tidal CO<sub>2</sub> Monitoring

1:25 pm-1:35 pm	It's Important to Make Waves: ETCO <sub>2</sub> Analysis as the Airway Gold Standard – Jeffrey M. Goodloe, MD ( <i>Oklahoma City and Tulsa</i> )
1:40 pm-1:50 pm	Inflammatory Remarks: Using ETCO <sub>2</sub> Analysis in Sepsis Syndromes – George A. Ralls, MD ( <i>Orlando</i> )
1:55 pm-2:05 pm	Traumatic Events: Cautions about ETCO <sub>2</sub> Analysis in Trauma – Jason T. McMullan, MD ( <i>Cincinnati</i> )

### Two-Thousand & Eleven Ways to Deal with Injuries: A Mini-Symposium about EMS and Trauma Care

2:10 pm-2:25 pm	Trauma-Rama: What We Can Learn from Movie & TV EMS Care – Neal J. Richmond, MD ( <i>Louisville</i> )
2:30 pm-2:40 pm	Putting the Squeeze on the Civilian Population: Comparison of Military and 9-1-1 Tourniquet Use – Peter P. Taillac, MD ( <i>State of Utah &amp; U.S. Army</i> )
2:45 pm-2:55 pm	Ring Around the Collar: Update on EMS C-Spine Management – David E. Persse, MD ( <i>Houston</i> )
3:00 pm-3:10 pm	A Divisive on Devices: DFW vs. LAX Pro-Con on Non-Invasive CO-Hgb Monitors – S. Marshal Isaacs, MD ( <i>Dallas</i> ) & Marc Eckstein, MD, MPH ( <i>Los Angeles</i> )
3:10 pm-3:25 pm	<b>BREAK ON THRU TO THE OTHER SIDE!!</b> (15 minutes)
3:25 pm-3:50 pm	The Eagles Wing It: Lightning Rounds #2 – U.S. Metropolitan Municipalities EMS & Federal Agency Medical Directors and Friends

### A Specialty of the House (of Medicine)

#### A Two-Course Menu for the Proposed and Future Sub-Specialty of EMS

3:50 pm-4:00 pm	Qualifying Exams: How Will EMS Physician Board Certification Affect the Street? – J Brent Myers, MD, MPH ( <i>Raleigh</i> )
4:05 pm-4:15 pm	The Presidential Address: The Past, Present and Future of EMS & U.S. Healthcare – Sandra M. Schneider, MD ( <i>National ACEP President</i> )

### 2011 Alternatives to EMS Patient Disposition: Handling EMS "Loyalty Program Members"

4:20 pm-4:30 pm	You Never Call Me Anymore! An EMS Social Services Referral Program – David P. Keseg, MD ( <i>Columbus</i> )
4:35 pm-4:45 pm	Show Me the Money! An Economic Analysis of Alternative Service Delivery Systems – Terence D. Valenzuela, MD, MPH ( <i>Tucson</i> )
4:50 pm-5:00 pm	"London Calling -- at the Top of the Dial" Clinical Assessment Units in the British Capital – Fiona P. Moore, MD ( <i>London</i> )
5:05 pm-5:15 pm	Making the Hospital a No-Parking Zone: The Memphis Approach to Delayed Patient Off-Loading – Joe E. Holley, MD ( <i>Memphis</i> )
5:15 pm-5:40 pm	The Eagles Wing It: Lightning Rounds # 3 and TGIF WRAP-UP – U.S. Metropolitan Municipalities EMS & Federal Agency Medical Directors and Friends
5:40 pm	<b>OVERNIGHT RECESS / ADJOURN</b>
5:45 pm-6:00 pm	<b>**The Eagles Gather at the Designated Location**</b>



**Saturday Morning, February 26, 2011**

- 7:00am-7:30 am **Registration and Continental Breakfast**
- 7:30am-7:45 am Day 2 Begins !!!  
MEETING Announcements, Special Welcomes and Housekeeping Items

**Two-Thousand & Eleven Ways to Breathe Easier:  
Evolving Considerations in Respiratory Support**

- 7:45am-8:10 am The Saturday Out-of-the-Crate De-Bait:  
Fowler and Slovis Star, Spar & Scar above Par, No Holds Barred!! – Raymond L. Fowler, MD (the 1st Eagle)  
& Corey M. Slovis, MD (the "5th" Eagle)
- 8:15am-8:25 am Pressure to Succeed: Does CPAP Avoid Drug-Facilitated Intubation?  
– Jonathan Jui, MD, MPH (Portland)
- 8:30am-8:40am They Got the Guns, But We Got the Numbers:  
Does Prehospital CPAP Preclude Endotracheal Intubation?  
– Edward M. Racht, MD (AMR) plus a special cameo appearance by K. Sophia Dyer, MD (Boston)
- 8:45am-8:55 am Freese Says EMT-B's can Ease the Wheeze:  
Using Basic Providers to Treat Asthma Patients  
– John P. Freese, MD (New York City)

**Two Contiguous Leads for STEMI Care:  
Perspectives on EMS Disposition of Major Heart Attacks**

- 9:00am-9:10am As Serious as a Heart Attack! Evolution of a STEMI Care System  
– Marc Eckstein, MD, MPH (Los Angeles)
- 9:15am-9:25 am Street 'Em or Meet 'Em? What's the Right Air Transport LZ for a STEMI Patient? – Jason T. McMullan, MD (Cincinnati)

**Two-Thousand & Eleven Considerations for PSAPs:**

- 9:30am-9:40am Re-Tooling the EMD Toolkit: Evolving Diagnostic Processes for Dispatchers – Jeffrey J. Clawson (NAED)
- 9:45am-9:55 am LAS of Supply and Demand: Managing Risk with an Ambulance Demand Management Plan – Fionna P. Moore, MD (London)
- 9:55am-10:10am **TAKE A BREAK** (This time, a whole 900 seconds)

**Two-Thousand & Eleven Issues in Personnel and Management Issues:  
Recent Labor and Management Experiences in EMS**

- 10:15am-10:20am Statutory Damages: The "Fall-Out" of Labor Laws on EMS  
– C. Crawford Mechem, MD (Philadelphia)
- 10:25am-10:35 am Going into Labor: Medical Directors and Work Force Leaders  
– Joseph A Salomone, MD (Kansas City)
- 10:40am-10:50am Hoosier Daddy? New EMS Leadership Roles in Indiana's Capital City  
– Michael L. Olinger, MD (Indianapolis)
- 10:55am-11:05 am Rockin' the Stockin': OK Approaches to Tracking Drug Utilization  
– Jeffrey M. Goodloe, MD (Tulsa & Oklahoma City)

**Some Precautionary Tales: Dealing with New Technologies in Prehospital Care**

- 11:10am-11:20am Pulseless Conversations! Street-Wise Approaches to Dealing with LVADs – David P. Keseg, MD (Columbus)
- 11:25am-11:35 am Shadow-Boxing in the Box: Picky Perspectives on Ultrasound in Prehospital Care – Terence D. Valenzuela, MD (Tucson)
- 11:35am-12:00pm The Eagles Wing It: Saturday Lightning Rounds #1  
– U.S. Metropolitan Municipalities EMS & Federal Agency Medical Directors, Colleagues and Friends
- 12:00pm-1:00pm **LUNCH WITH THE BUNCH:** Breaking Bread with the Eagles

**Saturday Afternoon, February 26, 2011**

- 1:10pm-1:30pm Special Remarks You May Want to Miss!  
  
Followed by the Presentation of the Annual Corey M. Slovis ("Give Me 5") Education Award  
– Presented by Birds of a Feather

**And Now Back to Our Previously Scheduled Programming:**

- 1:30pm-1:40pm Dealing with Homeland Insecurity: The Role of JICs in Dealing with the Media – Robert M. Davis (U.S. DHS)

**Two-Thousand & Eleven Therapeutic Considerations:  
Drug Complications and Novel Medications in Prehospital Care**

- 1:45pm-1:55pm The Nose Knows: Intra-Nasal Medication Options are Growing!  
– Christopher B. Colwell, MD (Denver)
- 2:00pm-2:10pm ACE-ing the (Physical) Exam: Recognition and Management of Drug-Induced Angioedema – Kathleen S. Schrank, MD (Miami)
- 2:15pm-2:25pm Getting the Fat In: Acute Lipid Infusions for Cardiopulmonary Arrest  
– Marc Conterato, MD (Minneapolis)

**Two-Thousand & Eleven Quality Considerations:  
Safety and Risk Management Concerns in Prehospital Care**

- 2:30pm-2:40pm Beyond Agitated Delirium: Dealing with the Issue of In-Custody Deaths – Christopher B. Colwell, MD (Denver)
- 2:45pm-2:55pm Premium Non Nocere! Promoting a Culture of Safety in EMS  
– J. Brent Myers, MD, MPH (Raleigh)
- 2:55pm-3:15pm **TAKE A BREAK** (In fact, take 900 billion nanoseconds)
- 3:15pm-3:45pm The Eagles Wing It: Saturday Lightning Rounds # 5  
– U.S. Metropolitan Municipalities EMS & Federal Agency Medical Directors and Friends

**Two-Thousand and Ten Transport Issues:  
Evolving Considerations in EMS Transport Procedures**

- 3:45pm-3:55pm Dispatch Docs: A BC Approach to Mitigating Call Volumes & No-Transport Risk – Karen P. Wanger, MD (Vancouver)
- 4:00pm-4:10pm To Load Or Not To Load – That is the Question!  
When Is It Safe Not to Transport?  
– Jeffrey K. Beeson, DO (Ft. Worth)
- 4:15pm-4:25pm Not Taken for a Ride: Follow-up of Patients Who Decline Transport!  
– J. Brent Myers, MD, MPH (Raleigh)
- 4:30pm-4:40pm Should They Stay or Should They Go: First Time Presentation of a New Eagles Consensus Paper ! – S. Marshal Isaacs, MD (Dallas)
- 4:40pm-5:00pm The Last Stand – Wrap up with the Eagles  
– U.S. Metropolitan Municipalities EMS & Federal Agency Medical Directors and Friends

**Adjournment for 2011**

SEE YOU AT  
**EAGLES XIV**  
February 2012!



## FACULTY and KEY PARTICIPANTS:

Consortium of U.S. Metropolitan Municipalities EMS Medical Directors and Key Medical Officers for Federal Security Service Agencies -- List of the Core Group, Associate Members, and Also Special Faculty for the February 23rd-26th, 2011 Eagles Coalition Meetings, Dallas, Texas, USA

## U.S. Metropolitan Municipalities EMS Medical Directors

### New York City:

**John P. Freese, MD** – Chief Medical Director, Fire Department of New York, Office of Medical Affairs, New York, NY; Department of Emergency Medicine, Emergency Medical Associates, LLC, Hudson Valley Hospital, Cortlandt Manor, NY

### City of Los Angeles:

**Marc Eckstein, MD, MPH** – Medical Director, Los Angeles Fire Department; Professor of Emergency Medicine, University of Southern California School of Medicine, Los Angeles, CA

### City of Chicago:

**Joseph M. Weber, MD** – Medical Director, Chicago (West) EMS System & Member, Chicago EMS Medical Director's Consortium, Chicago, IL; Assistant Professor of Emergency Medicine, Rush University, Chicago, IL

### City of Houston:

**David E. Persse, MD** – Physician Director, City of Houston EMS and Public Health Authority, City of Houston Department of Health and Human Services; Associate Professor, Department of Surgery, Baylor College of Medicine; and Associate Professor, Department of Emergency Medicine, University of Texas Health Sciences Center at Houston, TX

### City of Phoenix:

**John V. Gallagher, MD** – EMS Medical Director, City of Phoenix Fire Department; Base Hospital Medical Director, St. Lukes Medical Center, Phoenix, AZ

### City of Philadelphia:

**C. Crawford Mechem, MD** – Medical Director, City of Philadelphia EMS, Philadelphia Fire Department; Associate Professor, Department of Emergency Medicine, the University of Pennsylvania, Philadelphia, PA

### City of San Antonio:

**Craig A. Manifold, DO** – EMS Medical Director for San Antonio Fire; Clinical Assistant Professor, Emergency Health Sciences Department, University of Texas Health Science Center, San Antonio, TX

### City of San Diego:

**James V. Dunford, MD** – Medical Director, City of San Diego EMS; Professor of Clinical Medicine and Surgery, Department of Emergency Medicine, the University of California, San Diego, CA

### City of Dallas:

**S. Marshall Isaacs, MD** – Medical Director, City of Dallas Fire-Rescue Department; Professor of Surgery / Emergency Medicine, the University of Texas Southwestern Medical Center and the Parkland Health and Hospital System, Dallas, TX

### City of San Francisco:

**Karl A. Sporer, MD** – Medical Director, EMS, San Francisco Fire Department EMS; Clinical Professor and Vice Chair, Department of Emergency Medicine, the University of California, San Francisco, School of Medicine and Attending Physician, San Francisco General Hospital, San Francisco, CA

### City of Indianapolis:

**Charles M. Miramonti, MD** – Chief of EMS, City of Indianapolis; Assistant Professor and Chief, Division of Out-of-Hospital Care, Department of Emergency Medicine, Indiana University School of Medicine, Indianapolis, IN

**Michael L. Olinger, MD** – Medical Director, City of Indianapolis EMS and Indianapolis Motor Speed Way; EMS Medical Director, Division of Out-of-Hospital Care, Department of Emergency Medicine, and Associate Professor of Emergency Medicine, Indiana University School of Medicine, Indianapolis, IN

### City of Columbus:

**David P. Keseg, MD** – Medical Director, City of Columbus Division of Fire; Chief Development Officer, Premier Health Care Services; Clinical Instructor, Ohio State University, Columbus, OH

### City of Austin:

**Paul R. Hinchey, MD, MBA** – Medical Director, City of Austin/Travis County EMS; Austin, TX and Medical Director, National Association of EMTs

### City of Fort Worth:

**Jeffrey K. Beeson, DO** – Medical Director, MedStar (City of Fort Worth EMS), Ft Worth, TX and Clinical Assistant Professor of Surgery/Emergency Medicine, the University of Texas Southwestern Medical Center and the Parkland Emergency Trauma Center, Dallas, TX

### City of Memphis:

**Joe E. Holley, MD** – Medical Director, Memphis Fire Department EMS, City of Memphis and surrounding Shelby County, Memphis, TN

### City of Boston:

**K. Sophia Dyer, MD** – Medical Director, City of Boston Public Safety (EMS, Fire & Police); Assistant Professor of Emergency Medicine, Boston University School of Medicine and Boston Medical Center, Boston, MA

### City of Milwaukee:

**Ronald G. Pirrallo, MD** – EMS Medical Director, City and County of Milwaukee; Professor of Emergency Medicine, Medical College of Wisconsin, Milwaukee, WI and National President, the National Association of EMS Physicians

### City of Seattle:

**Michael K. Copass, MD** – Medical Director, Seattle Medic One Program, (City of Seattle EMS), Seattle Fire Department; Professor of Medicine and Neurology, University of Washington, Harborview Medical Center, Seattle, WA

### City of Nashville:

**Corey M. Slovis, MD** – Medical Director, Nashville EMS, Nashville Fire Department; Medical Director, Nashville International Airport; Professor and Chair of Emergency Medicine, Vanderbilt University, Nashville, TN

### City of Denver:

**Christopher B. Colwell, MD** – Medical Director, Denver Paramedic Division and Denver Fire Department; Associate Professor, Surgery/Emergency Medicine, The University of Colorado at Denver, School of Medicine; Director, Department of Emergency Medicine, Denver Health Medical Center; Denver, CO

### City of Louisville, KY:

**Neal J. Richmond, MD** – Chief Executive Officer, Louisville Metro EMS; Assistant Professor of Emergency Medicine, University of Louisville Medical Center, Louisville, KY

### City of Portland:

**Jonathan Jui, MD, MPH** – EMS Medical Director, Multnomah County, Oregon (includes City of Portland and Gresham and the Portland International Airport); Professor, Department of Emergency Medicine, Oregon Health and Science University, Portland, OR

### City of St. Louis:

**Mark D. Levine, MD** – Medical Director, St. Louis Fire Department, St. Louis, MO; Assistant Professor of Emergency Medicine, Washington University, St. Louis, MO

### Cities of Tulsa and Oklahoma City:

**Jeffrey M. Goodloe, MD** – Medical Director, Medical Control Board, Emergency Medical Services for Metropolitan Oklahoma City & Tulsa, Associate Professor, Department of Emergency Medicine, The University of Oklahoma School of Community Medicine

### City of Tucson:

**Terence D. Valenzuela, MD, MPH** – Medical Director, Tucson Fire Department, Professor of Emergency Medicine, University of Arizona, Tucson, AZ

### City of Kansas City:

**Joseph A. Salomone, MD** – Medical Director, Kansas City Missouri EMS; Associate Professor of Emergency Medicine, University of Missouri, Kansas City, School of Medicine and Truman Medical Centers, Kansas City, MO

### City of Miami:

**Kathleen S. Schrank, MD, FACEP, FACP** – Professor of Medicine and Chief, Division of Emergency Medicine, University of Miami Miller School of Medicine; EMS Medical Director, City of Miami Fire Rescue and Village of Key Biscayne Fire Rescue; Emergency Medicine Core Faculty, Jackson Memorial Hospital, Miami, FL

### City of Minneapolis:

**Marc R. Conterato, MD** – Assistant Medical Director, Joint Minneapolis EMS System and Clinical Associate Professor, Emergency Medicine, University of Minneapolis Medical School, Minneapolis, MN

### City of Raleigh:

**J. Brent Myers, MD, MPH** – Director, Raleigh / Wake County EMS System, Raleigh NC; and Adjunct Assistant Professor of Emergency Medicine at the University of North Carolina, Chapel Hill, NC

### City of Honolulu:

**Elizabeth A. (Libby) Char, MD** – Immediate Past Director of Emergency Services Department, City and County of Honolulu; Assistant Clinical Professor of Surgery, University of Hawaii School of Medicine, Honolulu HI

### City of Cincinnati:

**Donald A. Locasto, MD** – EMS Medical Director, City of Cincinnati Fire Department; Assistant Professor of Emergency Medicine, University of Cincinnati, Cincinnati, OH

### Jason T. McMullan, MD

– Assistant Professor, Department of Emergency Medicine, University of Cincinnati and Assistant Medical Director, City of Cincinnati Fire Department EMS, Cincinnati, OH

### City of New Orleans:

**Juliette M. Saussy, MD** – Immediate-Past Director of EMS, City of New Orleans; Clinical Instructor, Louisiana State University School of Medicine, Section of Emergency Medicine, New Orleans, LA

### City of St. Paul:

**Ralph J. (RJ) Frascone, MD** – Medical Director, Regions Hospital Emergency Medical Services and Associate Professor, Emergency Medicine, University of Minneapolis Medical School, Minneapolis, MN

### City of Orlando:

**George A. Ralls, MD** – Medical Director, Orlando - Orange County EMS System; Clinical Assistant Professor of Emergency Medicine, Florida State University School of Medicine, Orlando Campus, and Faculty, Department of Emergency Medicine, Orlando Regional Medical Center, Orlando, FL

## Global Metropolitan Municipalities EMS Medical Directors

### London, UK

**Fionna P. Moore, MD** – Medical Director, London Ambulance Service, London, England, UK

### Vancouver, Canada

**Karen P. Wanger, MD** – Regional Medical Director, Vancouver and Lower Mainland British Columbia Ambulance Service; Medical Director, Whistler Fire and Rescue, Whistler BC; and Clinical Associate Professor, Department of Emergency Medicine, University of British Columbia, Vancouver, British Columbia, Canada

### Sydney, Australia

**Paul M. Middleton, MD** – Medical Director, Sydney (New South Wales) Ambulance Service; Director of Research, Ambulance Research Institute; Chair, Australian Resuscitation Council, NSW Branch, Sydney, Australia

### Toronto, Canada

**Brian Schwartz, MD** – Senior Director, Sunnybrook Osler Centre for Prehospital Care, Sunnybrook Health Sciences Center, Scientific Advisor, Emergency Medical Unit, Ontario Ministry of Health and Long Term Care; Associate Professor, Department of Family and Community Medicine, University of Toronto; Toronto, Ontario, Canada

## Federal Agency Medical Directors / Medical Officers

### Federal Bureau of Investigation:

**William P. Fabbri, MD** – Medical Officer for the Federal Bureau of Investigation (FBI), Washington DC

### United States Secret Service:

**Nelson Tang, MD** – Medical Director, United States Secret Service, U.S. Marshals Service, and the Bureau of Alcohol, Tobacco and Firearms & Explosives; Medical Director, Immigration & Customs Enforcement (ICE); Associate Professor and Chief Medical Officer, Center for Law Enforcement Medicine, The Johns Hopkins University, Baltimore, MD

### The White House Medical Unit:

**Jeffrey C. Kuhlman, MD, MPH** – Captain, U.S. Navy; White House Medical Director, and Chief White House Physician, Washington, DC

**Ronny L. Jackson, MD** – Commander, U.S. Navy; Deputy Director and Senior White House Physician, Washington, DC

**Scott E. Young, DO** – Major, U.S. Army, White House Physician, Washington, DC

### The White House National Security Staff:

**David "Marco" Marozzi, MD, MHS-CL** – Director, All-Hazards Medical Preparedness Policy, White House National Security Staff, Washington, DC

**Edward M. Dolan** – Director, Preparedness Policy, National Security Staff, The White House, Washington, DC

### U.S. Department of Homeland Security:

**Alexander G. Garza, MD, MPH** – Assistant Secretary and Chief Medical Officer, Office of Health Affairs, U.S. Department of Homeland Security, Washington, DC

**Robert M. Davis** – Director, External Affairs, Office of Health Affairs, U.S. Department of Homeland Security, Washington, DC

## ACEP-NAEMSP-NAEMSO

**Sandra M. Schneider, MD** – National President, American College of Emergency Physicians; Dallas (Irving) TX

**Dean Wilkerson, JD, MBA, CAE** – Executive Director, American College of Emergency Physicians; Dallas (Irving) TX

**Robert E. Suter, DO** – Past-President World Federation of Emergency Medicine, Past-National President, American College of Emergency Physicians and Past-Chair, Emergency Medicine Foundation, Dallas, TX

**Sabina A. Braithwaite, MD** – Chair, American College of Emergency Physicians Committee on EMS; EMS System Medical Director, Wichita/Sedgwick County, KS; Clinical Associate Professor of Emergency Medicine, University of Kansas Medical Center, Kansas City, KS

**Peter P. Tailac, MD** – EMS Medical Director, Bureau of EMS and Preparedness, Utah Department of Health; Associate Clinical Professor, Division of Emergency Medicine, University of Utah School of Medicine, Salt Lake City, UT

## American Heart Association

**John Meiners** – Executive Vice President, Emergency Cardiovascular Care Department, National Center, Dallas, TX

**Brian Eigel, PhD** – Vice President, Emergency Cardiac Care Science and Product Development, National Center, Dallas TX

**Dennis Schuler** – Vice President, Emergency Cardiac Care Global Marketing, National Center, Dallas TX

## Special Guest Faculty

**Jeffrey J. Clawson, MD** – Chair - Board of Certification, National Academies of Emergency Dispatch Board of Trustees, National Academies of Emergency Dispatch, Medical Director – Research & Standards, Priority Dispatch Corporation, Salt Lake City, UT

**Lori Moore-Merrell, DrPH, MPH, EMT-P** – Assistant to the General President, International Association of Fire Fighters, Washington DC

**Edward M. Racht, MD** – Chief Medical Officer, American Medical Response, Greenwood Village, CO and Former Medical Director, Austin-Travis County EMS, Austin, TX

**Raymond L. Fowler, MD** – The First Eagle; Past-President and Co-Founder, National Association of EMS Physicians; Inaugural National Program Director, International Trauma Life Support®; Professor, Surgery/Emergency Medicine, University of Texas Southwestern Medical Center and the Parkland Health and Hospital System; Deputy Medical Director for Operations, the Dallas Metropolitan BioTel (EMS) System, Dallas TX

**Ronald D. Stewart, OC, ONS, BA, BSc, MD, DSc** – Director, Medical Humanities and Professor of Emergency Medicine and Anaesthesia Dalhousie University, Halifax, NS, Canada; and 1st National President of the National Association of EMS Physicians

**Tom P. Aufderheide, MD** – Professor and Research Director, Department of Emergency Medicine, Medical College of Wisconsin, Milwaukee, WI and Principal Investigator, National Institutes of Health Resuscitation Outcomes Consortium (ROC) Milwaukee Site and Principal Investigator and First Author, ROC ITD Clinical Trial

**Ahamed H. Idris, MD** – Professor and Director, Emergency Medicine Research, Department of Surgery/Emergency Medicine, University of Texas Southwestern Medical Center at Dallas and Director, The Dallas Fort Worth Center for Resuscitation Research; Dallas, TX and Principal Investigator, National Institutes of Health Resuscitation Outcomes Consortium (ROC) Dallas Fort Worth Site

## Eagles Host and Program Coordinator

**Paul E. Pepe, MD, MPH** – Director, City of Dallas Medical Emergency Services (for Public Safety, Public Health and Homeland Security); Medical Director, Dallas Metropolitan BioTel (EMS) System; Professor of Medicine, Surgery, Pediatrics, Public Health and Chair, Emergency Medicine, the University of Texas Southwestern Medical Center and the Parkland Health and Hospital System, Dallas, TX