

NCEMSF 2011

**The 18th Annual
Conference of the
National Collegiate
Emergency Medical
Services Foundation**



February 25-27, 2011

Loews Hotel

Philadelphia, Pennsylvania

Table of Contents

About NCEMSF	3
About the Host City	4
Conference Schedule - Friday	5-8
Facility Floor Plan	5
Sponsors and Exhibitors	6
Conference Schedule - Saturday	9-23
Schools in Attendance	24-25
Conference Schedule - Sunday	26-31
Philadelphia, PA/Lunch/Saturday Night	32-35
Presenter Bios	36-42
Richard W. Vomacka Speakers	43
NCEMSF Leadership Bios	44
Continuing Medical Education	47
Schedule Summary	50-52

Conference Policies

The following exist to ensure a safe and enjoyable conference experience for all attendees:

- 1) Conference ID badges are required for entry to conference lectures and events and are to be worn by attendees at all times while on the conference premises.
- 2) Attendees are expected to conduct themselves as the young adult professionals that they are and to display the same degree of decency and respect toward other conference attendees, hotel guests, and staff that they would exhibit while responding to campus medical emergencies and interacting with patients.
- 3) Noise production is to be kept to a level appropriate to an indoor hotel environment and is to be respectful of the hour and considerate of the surroundings.
- 4) The consumption of alcohol by those younger than the federal legal minimum drinking age of 21 years as well as the use of drugs or other illegal substances by attendees of any age is strictly prohibited. Open containers containing alcohol are also forbidden in all conference common areas.
- 5) Common areas and private rooms of the host facility are to be left in the same fashion in which they were found upon arrival. Any damage to, or destruction of, property will be the financial responsibility of the offending individuals.
- 6) Participation in conference lectures and activities grants permission for the use of one's image in NCEMSF publications and promotional materials.
- 7) Conference speakers are experts in their given fields. The information they present and opinions they express, however, are not necessarily those of NCEMSF. Attendees are reminded to follow their prescribed operating procedures and to contact their agency's medical director before changing medical protocol.

The aforementioned apply in addition to stated policies of the host facility as well as local and federal laws.

Failure to comply with any of the above may result in eviction from the conference and/or hotel without a refund. Additionally, civil and/or criminal penalties may apply.

Your conference participation attests to your acceptance of the policies listed.

President's Welcome

It is my pleasure to welcome you to the National Collegiate EMS Foundation (NCEMSF) Conference. For eighteen years our conferences have focused on strengthening campus-based Emergency Medical Services. The educational experience gained from the workshops and sessions combined with networking opportunities will enable you to learn and exchange ideas. We hope that you return to your campus energized with new initiatives to implement and creative solutions to problems that you may encounter in the future. I look forward to meeting you at the conference.

NCEMSF Mission Statement

The National Collegiate Emergency Medical Services Foundation's (NCEMSF) purpose is to support, promote, and advocate Emergency Medical Services (EMS) on college and university campuses. The Foundation is committed to the advancement of existing response groups and assisting in the development of new response groups. The Foundation provides a forum for the exchange of ideas of campus-based emergency response issues. To these ends, the Foundation is committed to scholarship, research and consultancy activities and to creating a safer environment on college and university campuses.

NCEMSF History

In the early 1990s, with the widespread use of computers linked via the precursor to the Internet, e-mail communication among campus emergency responders was commonplace. For readers of the emergency services Usenet group (misc.emerg-services) and its related e-mail list (EMERG-L), there was occasionally a thread about campus-related EMS. But frequently, discussions on the topic of campus EMS were shunned as inappropriate or obscure. As a result, the campus EMS groups that existed were isolated since there was no good forum where they could openly communicate with each other.

In 1993, in response to a need for information exchange among campus EMS groups, the National Collegiate EMS Foundation (NCEMSF) was established. A loosely associated nationwide group of campus responders was formally brought together by Jon Diorio of Georgetown University (Washington, DC) and others.

Filling a niche, NCEMSF quickly grew. In April 1994, NCEMSF held its first conference at Georgetown University. Representatives from over twenty campus EMS organizations spent the weekend of April 8-10 learning about EMS and networking with each other. Annual conferences every year since 1994 have been a cornerstone of NCEMSF. Providing networking and information exchange among campus emergency responders remains one of the Foundation's main goals.

NCEMSF's Volunteer Leadership - See Bios on Page 44

NCEMSF Executive Officers

President	George J. Koenig, Jr., DO
Vice-President	Scott C. Savett, PhD
Secretary	Joshua A. Marks, MD
Treasurer	Michael S. Wiederhold, MD, MPH
Director-at-Large	Mark E. Milliron, MS, MPA
Director-at-Large	Eric MaryEa, NREMT-P

Division Chairs / Coordinators

Membership	Karolina A. Schabzes, MPH
Nat'l Coordinator	Michael T. Hilton, MD
Startup	Andrew S. Mener
Alumni	Joshua E. Glick
Disaster Preparedness	Shad U. Ahmed
EMS Week	(AVAILABLE)

Hotel Liaison	Jennifer Siegel
Technologist	Timothy J. McMichael, NREMT-P
Assistant Webmaster	Douglas R. Buchan

Regional Coordinators

Canada	Jeffrey J. Bilyk
Central	Amy Berenbaum
Massachusetts	Kathryn Kinzel
Mid-Atlantic	David Weand
Midwest	Joseph Grover
New York	Eric Pohl
North Central	Katie Egan
Northeast	Yoni Litwok
N. New England	Stephen Lanieri
Pennsylvania	Les Polk
Southeast	Noah H. Prince
West	Amanda Wong

About Philadelphia - Home of the 2011 NCEMSF Conference - Enjoy Your Stay!



William Penn, an English Quaker seeking religious freedom, founded Philadelphia, which translated from Greek means "City of Brotherly Love," in 1682 on a 1,280 acres parcel of land stretching between the Delaware and Schuylkill Rivers granted to him by King Charles II of England. Penn's chief surveyor, Captain Thomas Holmes, devised a grid system based around five public squares, all of which remain, that was to provide the pattern for most American cities. Philadelphia was envisaged as a "green country town," and today, for all its historical and cultural significance, it still manages to retain a certain quaintness. Just a few blocks away from the noise and crowds of downtown, shady cobbled alleys stand lined with red-brick colonial houses, while the peace and quiet of huge Fairmount Park (America's largest urban park and home to America's first Zoo and famous Boathouse Row) make it easy to forget you are in a major metropolis.

Philadelphia prospered swiftly on the back of trade and commerce. Economic power fueled strong revolutionary feeling, and the city was the capital during the War of Independence. It also served as the US capital until 1800, while Washington DC was being built. The Declaration of Independence was written, signed and first publicly read in Philadelphia in 1776, as was the US Constitution ten years later. In Independence National Historical Park, "America's most historic square mile," visitors can see two of the nation's most precious monuments to freedom - the Liberty Bell, and Independence Hall.



Philadelphia was also a hotbed of new ideas in the arts and sciences, as epitomized by the scientist, philosopher, statesman, inventor and printer Benjamin Franklin (If time permits, visit the Franklin Institute). Benjamin Franklin also founded the first fire department in the new world. Pennsylvania Hospital, the nation's first hospital is also nearby at Eighth and Spruce Streets - Benjamin Franklin was involved in its founding as well - What can we say, the man is a Philadelphia superstar, but no, it is not Dr. Franklin on the top of City Hall, rather William Penn. Did you know that until the 1980's no building in Philadelphia was allowed to be taller than the hat on William Penn's head? The law was amended to allow for the construction of Liberty Place I and II, which have dramatically changed the city skyline. Today, Philadelphia's tallest building is The Comcast Center - it is also the country's tallest green building - visit and check out the HD wall in the lobby (17th St. and JFK Blvd.)



Today, with a population of approximately 1.54 million, Philadelphia is the fifth-largest city in the United States and the second-largest on the East Coast. The city's remarkable resurgence preparing for the nation's bicentennial celebrations in 1976 and more recent renaissance in the last decade has brought national attention. In recent years, Philadelphia has been named the "number one restaurant city," and "America's friendliest city." Philadelphia's strength today is still its great energy - fueled by history, and strong cultural institutions - grounded in its many staunchly traditional neighborhoods.

To learn more about Philadelphia, check-out www.visitphilly.com

Celebrating the NCEMSF Conference Tradition *NCEMSF Conference Locations*

1994 - Washington, DC	2004 - Baltimore, MD
1995 - Philadelphia, PA	2005 - Philadelphia, PA
1996 - Albany, NY	2006 - Boston, MA
1997 - Huntington, WV	2007 - Baltimore, MD
1998 - Hartford, CT	2008 - Philadelphia, PA
1999 - Syracuse, NY	2009 - Washington, DC
2000 - Newark, DE	2010 - Baltimore, MD
2001 - Rochester, NY	2011 - Philadelphia, PA
2002 - Long Island, NY	2012 - Baltimore, MD - Hyatt Regency - 2/24-26
2003 - Washington, DC	2013 - <i>Twentieth Anniversary</i> - Pending

Conference Schedule - Friday, February 25, 2011

4:00 pm - 11:00 pm *Conference Check-in*

Millennium Foyer

After checking into the hotel, stop by the conference registration table to check-in. All attendees must check-in individually, regardless of how they registered (Photo ID required). Upon check-in, attendees will receive a name badge that must be worn throughout the weekend as admittance to conference lectures and activities as well as CME tracking require it. Campus EMS leaders (limit two per squad) and alumni should identify themselves to receive appropriate ribbons for their badges. Graduating seniors should obtain a white lanyard.

Once you have checked-in, we recommend grabbing a quick bite to eat before formal programming and lectures begin. Welcome!

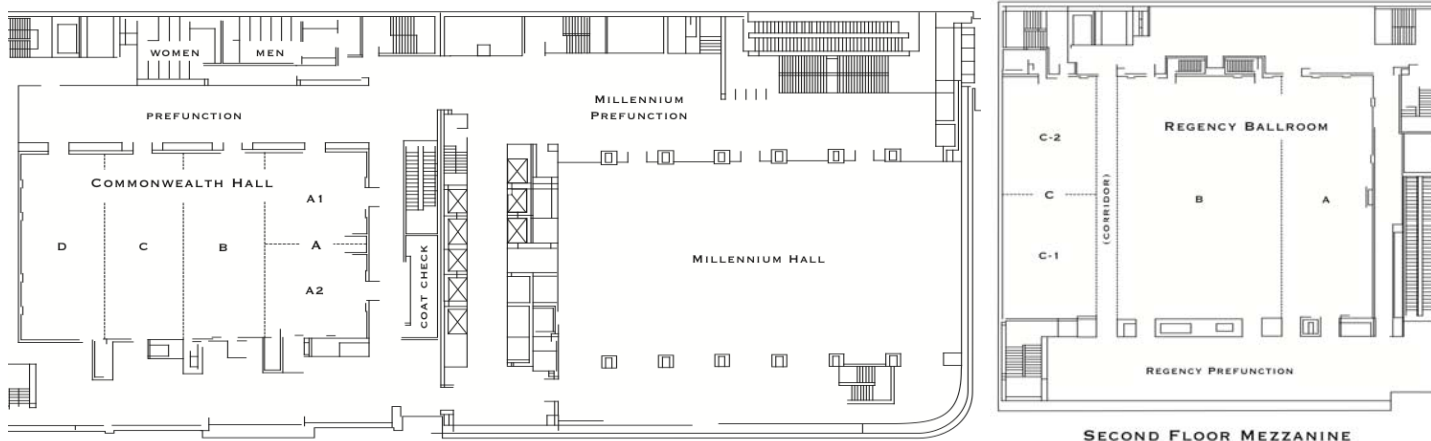
5:00 pm - 10:00 pm *Physio-Control EMS Skills Competition*

Third Floor

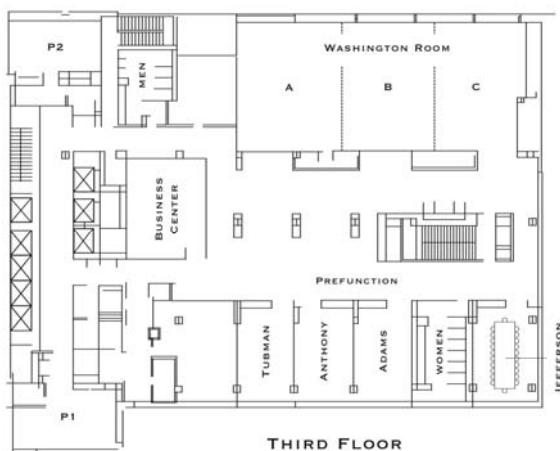
Pre-registered teams should check-in and pay at the skills competition table to receive their team number and approximate start time - team numbers and start times are assigned based upon check-in time (non-registered teams may inquire about space availability at the skills competition table). Team numbers will be called when the skills judges are ready for the next group. Top performers will compete in the grand finale - EMS as a Spectator Sport - starting at 11:00PM. Trophies will be presented to the overall winners of this always fun filled competition Saturday evening. Ask at the skills competition table for more information and to obtain a copy of the complete competition rules.

Loews Philadelphia Hotel Floor Plan

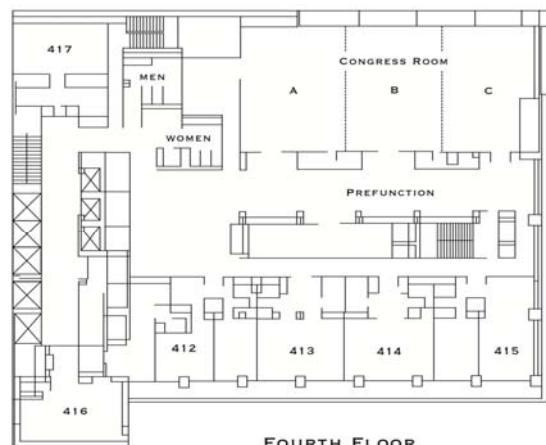
SECOND FLOOR



SECOND FLOOR MEZZANINE



THIRD FLOOR



FOURTH FLOOR

Conference Schedule - Friday, February 25, 2011

6:00 pm - 6:50 pm

How to Make the Most of the NCEMSF Conference Experience *Commonwealth B*
Andrew S. Mener, NCEMSF Startup Coordinator

What makes the NCEMSF Conference different from other conferences? While other conferences teach basic EMS skills, NCEMSF provides participants with key tools for leading a successful collegiate EMS organization. Created at the suggestion of past conference participants, this lecture is designed to help you make the most of your weekend here. The lecture will explore the purpose of collegiate EMS, provide a brief overview of the conference and help tailor the events to your specific needs.

Please visit our sponsors, exhibitors, and educators onsite Saturday and learn more about their products, programs and services in the Commonwealth Foyer.

Sponsors

Physio Control, Inc.

David Schwartzman & Jim Springer
11811 Willows Road NE
Redmond, WA 98073
(800) 442-1142
www.physiocontrol.com



Raritan Valley Emergency Services Consulting & Education

H. Bucky Buchanan
PO Box 5195
North Branch, NJ 08876
(877) 865-0911
www.RVESCUE.com



PA Emergency Health Services Council

Steve Mrozowski
600 Wilson Lane, Suite 101
Mechanicsburg, PA 17055
(717) 795-0740
www.pehsc.org



Philadelphia University

Dr. Jean B. Bail, Program Dir.
4201 Henry Avenue
Philadelphia, PA 19144
(215) 951-6812
www.philau.edu/disastermed/



Special Thank You



Partners

EMS World

PO Box 7248
Mission Hills, CA 91346-7248
(800) 547-7377



www.emsresponder.com

EMS World Magazine is available to NCEMSF Personal Members free of charge for one year. Tim Perkins will be pod casting for EMSWorld from the Exhibit Hall. Stop by to discuss Campus EMS!

Galls

Brian Tribble
2680 Palumbo Drive
Lexington, KY 40509
(877) 914-2557
www.galls.com



Galls offers discounts on select merchandise to NCEMSF members and a portion of all sales is donated to NCEMSF.

The NCEMSF Store

Emergency Training Associates

1-B Broad Street
Taneytown, MD 21787
(410) 756-2000

www.ncemsf.org/bookstore.ems

EMS Books offers up to 26% discount on EMS texts and apparel and a portion of all sales is donated to NCEMSF.



Health Education Programs



ROSS
UNIVERSITY



HOWARD
COMMUNITY COLLEGE

You Can Get There From Here.



THE GEORGE
WASHINGTON
UNIVERSITY
WASHINGTON DC

Conference Schedule - Friday, February 25, 2011

7:00 pm - 8:00 pm *Workshop Session 1*

Give Me Just a Second: Second to Minute Emergencies *Commonwealth B* *Joyce Foresman-Capuzzi, MSN, RN, EMT-P*

What are the second to minute emergencies that are life, limb and sight threatening if you don't recognize and treat immediately? Walk thru a 24-hour day when you encounter patients who present with these complaints that can thwart your patient care and leave you open to medicolegal nightmares.

The Intoxicated Patient *Commonwealth C*

Mark E. A. Escott, MD, MPH, FAAEM

This session will discuss the evaluation, management, and disposition of intoxicated patients. Current literature as well as best practice guidelines, with particular focus on patient refusals, will be reviewed. A novel disposition approach using breathalyzers by EMS will also be discussed.

"Don't Cut the Trousers!" *Commonwealth D*

EMS Mythology Through the Ages

Benjamin Lawner, DO

Participate in a lively discussion about EMS habits that have little, if any, basis in evidence based medicine. Dr. Lawner will review commonly held misconceptions about patient care that have worked their way into everyday EMS practices. Join the ongoing debate about the utility of such time honored techniques such as advanced airway management and ACLS

8:10 pm - 9:10 pm *Workshop Session 2*

Let's Get Ready to Rumble...Surviving the EMS Assault *Commonwealth B* *Joyce Foresman-Capuzzi, MSN, RN, EMT-P*

Do today's violent headlines make you queasy? Have you ever been the victim of a verbal or physical assault while on duty? Do you get anxious when a confrontation is brewing? Do you ever fear your safety when dealing with an angry patient? This session will prepare you to handle the verbally and physically abusive patient. Discover ways to detect subtle clues to impending danger, use verbal judo to diffuse the situation and learn maneuvers to help protect yourself so you go home at the end of your tour and do not become a statistic.

Good Hazing Gone Bad: *Commonwealth C*

Fraternity/Sorority Related Injuries

Joshua Moskovitz, MD, MPH

The pathology of injuries incurred during pledging will be discussed, highlighted by events in the news. There will be specific emphasis on the creative hazing methods used to avoid injury, which actually increase morbidity and mortality, as well as a review of campus EMS awareness.

Crossing the Mine Fields: *Commonwealth D*

Catapulting EMS to the Next Realm

Jennifer McCarthy, MAS, MICP

Look who's growing up - EMS! Come to this session to see how far we've come and where we will be going in the future. You will leave this session refreshed and rejuvenated to face the road ahead that will bring us to where we need to go to achieve the successes that we deserve.

Conference Schedule - Friday, February 25, 2011

9:00 pm - 1:00 am *Welcome Social*

Millennium

Mingle with other collegiate EMS responders as they arrive. Challenge yourself to see how many people you can talk to in a short period of time - it is freshman orientation all over again! Enjoy the refreshments and sing or dance to the tunes of the DJ. Exchange your squad's patches, pins and shirts with those you meet. Watch as photos from past years flash on the screen. Show your squad's pride by making a banner to be presented by your squad at the *Meet & Greet* Saturday.

11:00 pm - 1:00 am *EMS as a Spectator Sport*

Millennium

Watch the finalists from the trauma skills room compete in a multiple agency response scenario. In order to succeed, teams will have to work together to rapidly assess, treat, and transport multiple patients. Join our moderator, Dr. Ben Lawner, and show support for your colleagues as they rise to meet this challenge. This event is sure to be entertaining as well as fun for participants and spectators alike. Prizes will be awarded Saturday evening at the annual awards ceremony.

SEE YOU IN THE MORNING...



Note: The concurrent workshop sessions are loosely organized into tracks. Look for a symbol next to a topic name to identify the track:

🚑 medical; 💧 trauma; ⚙️ administrative/leadership;
❖ disaster preparedness/event planning; ☯️ potpourri

All lectures at the NCEMSF conference strive to expand a collegiate EMS provider's scope of knowledge. It is our belief, that you are the future healthcare leaders. For that reason we encourage our speakers to present information at a level that challenges you to reach beyond the scope of a traditional EMT class. Therefore, while many of our lectures will review basic EMT skills, most lectures will strive to provide additional information designed to foster leadership and convey advanced medical knowledge.

Sessions are open to all, however, seating in all rooms is limited intentionally to 80 people. So plan ahead to avoid being shut out of a lecture you really want to hear (note: many presentation slides will be made available online post conference). In deciding which lectures to attend, consider your personal as well as corps' needs. For example, new startup organizations may want to prioritize lectures in the administrative/leadership track. Larger groups in attendance may want to divide up so that delegates are in each lecture offered rather than all sitting together in one lecture session.

Conference Schedule - Saturday, February 26, 2011

7:00 am - 10:00 am *Late Conference Check-in* *Regency Foyer*

7:15 am - 8:30 am *Continental Breakfast* *Regency Foyer*

7:45 am - 8:30 am *Group Introductions / Meet & Greet* *Regency*

Bring the banner you created on Friday night and show your organizational spirit. Each collegiate EMS organization will be briefly introduced (school location, number of members, level of service, how many delegates at the conference, and one unique thing about their group). You will also have a chance to further mingle and meet your fellow collegiate EMS providers as we play Collegiate EMS BINGO! Anniversary awards will also be presented at this time.

8:30 am - 9:15 am *Hot Topics in EMS* *Regency*

George J. Koenig, Jr., DO, NCEMS President, Moderator

An interactive case based panel discussion and question and answer session with EMS gurus focusing on current controversies in EMS. Panelists include: Benjamin N. Abo, NREMT-P, Mark Forgues, MEd, EMT-P, Benjamin Lawner, DO, Ronald N. Roth, MD, FACEP, and Alvin Wang, DO

9:25 am - 10:25 am *Workshop Session 3*

 **Get your Rig up to Speed: Ultrasound use in Trauma** *Washington A*
Angela Cirilli, MD, RDMS

"Pedestrian struck, BP 80/40, Pulse 119, pulse-ox 94%, GCS14.... ultrasound positive for free fluid! We're ten minutes out, activate the OR." First we learned to check vital signs, then we discovered pulse oximetry and it changed the EMS field. Today we will learn how ultrasound will change the field of EMS and become the next vital sign as the standard of pre-hospital care in every trauma patient. This lecture will review the current literature discussing the utility of prehospital ultrasound for FAST exams in the trauma patient, teach participants to recognize normal and abnormal findings in sonographic FAST prior to transport, and explore the capabilities of small hand held ultrasound machines for EMS providers.

 **From the Airfield to the Battlefield to EMS:** *Washington B*

The Nuts and Bolts of Medical Simulation

Jennifer McCarthy, MAS, MICP and J Aidan Boswick

Simulation training started in the airline industry as a way to prepare pilots before actually flying planes. EMS is using simulation to provide reenactment of real life situations in controlled environments that do not endanger patients. Come to this session to review the foundations of medical simulation and see how it can impact EMS. You'll walk away prepared to start working with simulation.

 **Basic and Advanced Airway Management Review** *Washington C*

Fred Ellinger, Jr., NREMT-P and Joseph Schili, NREMT-P, FP-C

In this session both BLS and ALS personnel will review key components to successfully manage airways. Particular attention will be paid to proper bag-mask ventilation technique, when to switch to "rescue" airways, and proper endotracheal intubation technique including the paraglossal technique.

 **Essentials of STEMI Recognition** *Commonwealth B*

Timothy Phalen

What are Acute coronary syndromes? What is the significance between STEMI and non-STEMI? This session will address the fundamentals of 12-lead ECG and the essentials of STEMI recognition as well as review 12-lead acquisition tips.

Conference Schedule - Saturday, February 26, 2011

◆ “You’re Bleeding from Where?”

Commonwealth C

Benjamin N. Abo, NREMT-P

Granted that all bleeding stops sooner or later, all can agree that it is best if it stops before exsanguination. This lecture will review the pathophysiology, recognition, and treatment of a variety of types of bleeding and shock, whether it be from a natural orifice or a "man-made leak." Geographic locations of bleeding sites discussed will include Aruba, the ears, oropharynx, GI tract, and more.

◆ Obstetrical Emergencies

Commonwealth D

Joseph S. Bushra, MD, FAAEM

Emergency care of the pregnant patient can cause great anxiety in providers and patients alike. This presentation will seek to highlight essential diagnostic considerations in pregnant women, and guide treatment of both pregnancy-related and other medical emergencies.

◆ Acute Spinal Cord Injury

Congress A

Michael S. Weinstein, MD, FACS

This lecture will focus on the diagnosis, pathophysiology and initial management of acute spinal cord injury in both the field and trauma bay, as well as address the role and function of specialty spinal cord injury centers in managing this complex subset of trauma patients.

◆ “I didn’t sign up for THIS!”

Congress B

Timothy J. Perkins, EMT-P

“Chief criticized for meltdown at fatal crash scene”, “Provider makes pit stop during transport”, “EMT admits posting photos to Facebook” EMS providers and agencies are often in the media for difficult situations such as these that they are put in, or put themselves in. These situations often require action from the EMS Manager, or agency leadership. This presentation provides information on real situations that EMS leaders have faced, how the situations could be effectively dealt with, and how the situations were ultimately resolved.

◆ Massachusetts Ethics Scandal: Motivations Explored and Lessons Learned

Congress C

Mark Forgues, MEd, EMT-P

The repercussions from the 2010 refresher scandal involving over 200 EMTs and paramedics are going on today. Find out about the motivations of those involved, the failures on many levels and recommendations to mitigate future problems from the person tasked by the Commonwealth to provide ethics training for those involved.

Skills Lab: Moving, Lifting & Transporting in the Wild

Adams

Gates Richards, MEd, WEMT-I

This workshop will cover safe movement of injured patients in the wilderness in the absence of standard ambulance equipment. We will practice safe rolling, carrying and litter packaging techniques that will improve your comfort and skills in any setting.

** This is the first of the Skills Workshops scheduled for the conference weekend. This and all Skills Workshops are LIMITED TO THE FIRST 25 PARTICIPANT. Sign up sheets for all Skills Workshops will be available at the registration desk Saturday morning.

Conference Schedule - Saturday, February 26, 2011

Roundtable Discussions

A Note About NCEMSF Roundtables:

This session will serve as the first of many small roundtable discussions this weekend that will allow squads to network formally with their fellow schools and discuss issues facing their organizations. NCEMSF Leadership will moderate conversations specific to various campus based EMS issues providing a forum for communication and creating an environment where ideas can be exchanged and problems solved. Roundtables are limited to one or two representatives per school, and are ideally attended by current or aspiring leadership. Share your successes and failures and learn from one another. Continue roundtable conversations throughout the conference weekend and the year on NCEMSF's Web site and online discussion board: www.NCEMSFForum.org

Roundtable: Startup

Commonwealth A1

Andrew S. Mener, NCEMSF Startup Coordinator

This roundtable discussion will be devoted specifically to aiding new startups in applying all that they learn at this year's conference and helping them determine the next steps in solidifying their fledgling organizations.

Roundtable: Administrator/Advisor/Medical Director

Commonwealth A2

Michael S. Wiederhold, MD, MPH, NCEMSF Treasurer

In this roundtable, dedicated to campus administrators, EMS advisors and medical directors present, NCEMSF Leadership will discuss concerns of university officials and address issues that they may be facing on their campuses. This session is intended only for university administrators, advisors and medical directors.

10:35 am - 11:35 am Workshop Session 4

Abdominal Aortic Aneurysms & the Role of Ultrasound *Washington A*

Kevin R. Roth, DO

This session will teach participants to list risk factors for aortic emergencies, identify signs and symptoms of aortic emergencies, understand the role of prehospital medicine when dealing with aortic emergencies and discuss the role of ultrasound in making the diagnosis and aiding in treatment decisions.

Deadly Mistakes in the Altered Mental Status Patient *Washington B*

Joshua Moskovitz, MD, MPH

This review of the causes of altered mental status and the importance of EMS intervention, will have a special emphasis on collegiate EMS encounters. Common pitfalls and mistakes will be discussed, in addition to an algorithm for the proper management and workup of a patient presenting with an altered mental status.

"You Don't Need to be MacGyver to Treat Children!" *Washington C* Getting Collegiate EMS Ready for Pediatric Care

Ian Weston

The pediatric population comprises over 26% of the US population. It also accounts for 25% of all visits to US emergency departments (that's nearly 30 million visits per year). Collegiate EMS providers will undoubtedly treat children, since many incoming freshman and/or children of faculty fall within this category. This necessitates EMTs to consider the physiological and psychosocial differences in children during emergency care and treatment and ensure they have proper pediatric care experience and knowledge. This presentation will identify some of these important treatment differences, look at case studies, identify areas in which EMS agencies should consider continued training programs, ensure agencies are carrying important pediatric equipment on ambulances, and describe what the federal government is doing to prepare providers in the care of children.

Conference Schedule - Saturday, February 26, 2011

Capnography

Commonwealth B

Timothy Phalen

This session examines the impact of prehospital capnography. A description of the capnography waveform's genesis and related physiology is followed by its clinical applications. Included are; confirmation of tube placement, other uses during cardiac arrest, use in the respiratory patient, and as a tool to assess changes in perfusion.

What the @#\$% Am I Supposed to Do With That?

Commonwealth C

Benjamin N. Abo, NREMT-P

The world of body modifications and fetishes can be a wild one. While some extreme practices prove to be rare, one never knows when they will come across some far out practices. Will it change your care? Do you leave it in or take it out? How do you remove it? This graphic session looks at some of the obstacles that you may come across, even in places you would never expect them, and how to handle them.

The Good, Bad, and the Lifesaving - Tourniquets: Their History and Role in Modern Medicine

Commonwealth D

Stephen L. Richey

Probably no other medical device in history has been as maligned as the tourniquet. The truth is that most of its reputation is undeserved. This presentation will present the evidence, dispel the myths about tourniquets and discuss the role this lifesaving device plays in modern medicine both on the battlefield and in civilian settings.

Water Rescue Emergency Response for EMS Agencies

Congress A

Mark E. Pinchalk, MS, EMT-P

For EMS agencies with bodies of water in their response areas, water rescue operations can present unique operational and clinical challenges. This session will cover the basics of water rescue operations for EMS including: water rescue hazards, personal protection, hazard control and basic rescue techniques and clinical management of recovered victims. Capabilities of specialized water rescue teams and integration of operations with these teams will be discussed. In addition, an overview of the operations of the Pittsburgh River Rescue Unit will be given.

Is that Allowed?

Congress B

A Brief Guide to Policy Design and Implementation

Shad U. Ahmed, NCEMSF Disaster Preparedness Coordinator

Policies and SOPs are often the most-neglected yet the most crucial operational piece for any EMS organization. Often times, policies come and go with the wind. However, a good policy foundation may make the difference for a wide variety of issues. This presentation will briefly cover policy framework from legal aspects and liability issues to medical and operational implications and considerations.

Texts, Tweets and Blogs:

Congress C

How to Regulate Conduct in an Age of Social Media

Ryan Stark, JD

Think that what you do on your own time is strictly your business, think again! This session will explore the frontiers of this evolving area of law, and address issues such as an organization's ability to monitor its members personal web pages, regulating the use of company and even personal computers, and the limits of "free speech." In an age of Facebook, Twitter and other social channels, we tend to forget that we have a duty to protect the confidentiality of patients and that there are limits to what we can share. This session will discuss exactly how far is too far, and discuss real life examples of members that have been terminated for their online behavior.

Conference Schedule - Saturday, February 26, 2011

Skills Lab: Improvisational Splinting

Adams

Gates Richards, MEd, WEMT-I

Though it's a basic skill for any EMT, many of us have forgotten how to build splints from improvised materials. During this workshop we will review the principles of effective splints, and you'll practice building splints from materials at hand. Though focused on remote environments, this workshop will improve your splint building skills in any environment and your patients will thank you!

Skills Lab: Advanced Airway Management for the EMT-B

Anthony

Fred Ellinger, Jr., NREMT-P and Joseph Schili, NREMT-P, FP-C

Building on topics covered in Airway Management for EMT-Basics students will receive demonstration and instruction of the proper use of oral and nasal airways, bag-valve masks, esophageal tracheal combitube, LMA and King LT. Students will receive adequate hands-on practice time using airway management trainers, lung simulators, and human patient simulators to create lifelike experiences.

Skills Lab: Ready, Set, Go-Simulation You Can Start Now!

Tubman

Jennifer McCarthy, MAS, MICP and J Aidan Boswick

Attend this hands on session to see simulation techniques that you can implement quickly and easily and that won't break the bank!

Roundtable: Expanding Your Level of Service

Commonwealth A1

Andrew S. Mener, NCEMSF Startup Coordinator

During this roundtable, NCEMSF Leadership will moderate a conversation with squads trying to expand their current level of service. Whether trying to go from a bike unit to a QRS, a QRS to a transporting agency, or first responder to BLS squad, this session should aid established organizations in taking the next step in their development.

Roundtable: Carving a Creative Niche for Yourself as a Professional EMS Provider

Commonwealth A2

Eric M. Garrison, MAEd, MSc, DLSHTM, CSC, ACS

Commencement waits just around the corner, and for seniors taking a "glide year" before more schooling – or for those whose first degree is a stopping point, the need to begin a career is also on the calendar. In this recovering economy and with stiff competition for work, knowing how to succeed in an interview is an important skill-set to develop. Eric will discuss three areas to help you stand out. This personal conversation will also describe the mentoring process in detail – from the views of both mentor and protégé, to help make you the best EMT possible through a mentoring relationship. There will be time for Q&A throughout Eric's session, and he will have handouts online at www.ericmgarrison.com.

** Seating is limited to no more than two graduating seniors per school and no more than fifty participants total. You may register for this workshop at the registration desk starting Saturday morning.

11:45 am - 12:30 pm Workshop Session 5

Richard W. Vomacka Student Speaker Competition

Initially introduced at the 2002 Annual Conference, the Richard W. Vomacka Student Speaker Competition is named for an NCEMSF mentor who died in October 2001. This symposium is a chance for student lecturers to showcase their presentation skills and earn bragging rights for their collegiate EMS organization. The competition is judged on a speaker's ability to deliver a relevant high-quality seminar to his/her peers.

Conference Schedule - Saturday, February 26, 2011

Organizational Preparedness in the Absence of Experience

Washington A

Vamsi Aribindi, Massachusetts Institute of Technology

Every EMS organization has a single overriding goal: deliver quality care to patients. Collegiate EMS providers face the challenge of delivering quality care compounded with membership turnover every four years, and the fact that the majority of their EMTs may never see a single cardiac arrest or similarly difficult call during their time with the service. In order to improve care in these critical scenarios, Collegiate EMS groups can adapt several methods and practices from other fields that struggle with similar problems. These practices fall into four central themes: Pass on knowledge effectively, Conduct drills, Develop checklists, and Seek out experience. Overall, by drawing lessons from fields faced with similar challenges, Collegiate EMS groups can deliver outstanding care during serious, rare calls.

Event Medicine - Creating a Safer College Campus

Washington B

Daniel J. Johnson, The Pennsylvania State University

Is your campus prepared to respond to high risk, high profile and high volume events? College campuses have the unique ability to bring together large and diverse groups of people in events including presidential campaign speeches, political rallies, rock concerts, and sporting events. With this vast variety, there is an obvious need for a well-planned and well-executed EMS presence at special events. This presentation will outline the significance of event medicine on a college campus as well as the fundamentals to plan, implement, and evaluate a medical agenda for these events.

The Collegiate ABCs:

Washington C

Amphetamines, Blunts, and Caffeine

Allison Levin, Columbia University

A quarter of all full-time college students meet the criteria for substance abuse, which is triple the proportion of the general population. Recent studies of substance use in college students show that perceived risk of using a drug is inversely correlated with its actual use. However, do students' perceived risk of various drugs accurately reflect the actual medical hazards? With increased media attention surrounding the legalization of marijuana, caffeinated alcoholic energy drinks such as Four Loko, and the use of prescription stimulants as "smart pills," students are being bombarded with potentially misleading information about the safety of these substances. Since the early 1990s, the rate of prescription drug use has markedly increased, and marijuana use has quadrupled. Therefore, it is essential for collegiate EMS providers to accurately separate the high clinical risk from the allegedly low risk of these substances. Do amphetamines, blunts, and caffeine have the potential to affect the real ABCs? By considering both society's influence on perceived risk and a review of empirical data and collegiate case studies, we will determine if Collegiate EMS providers should be wary of these "less harmful substances."

Nifty and Thrifty:

Congress A

Making the Most of All Your Campus Resources

Zachary Wilmer Reichenbach, Temple University

Over 5,000 institutes of higher education exist in the United States but, NCEMSF only has 250 registered organizations. Despite a multitude of positive benefits, many universities fail to establish EMS programs because of opposition at the planning stage stemming from fears of cost and infrastructure required to support such a program. However, an appraisal of university resources reveals that almost all necessary infrastructures and services may already be in place. Here we provide examples of departments providing services to us in a synergistic fashion ultimately resulting in significant savings to our limited budget. We will demonstrate how we implemented innovative and unique solutions to problems that typically plague new start-ups.

Conference Schedule - Saturday, February 26, 2011

Public Access Defibrillation (PAD) on Your Campus *Congress B* *Greig Samuelson, College of Charleston*

A growing number of colleges and universities are implementing Public Access Defibrillation (PAD) programs on their campuses. Who is better suited to lead the charge for a new or expanded program than collegiate EMS providers? This lecture looks at some of the general guidelines for setting up PAD programs, as well as taking a more in depth look at issues specific to collegiate programs. Come prepared to discuss your ideas, experiences, and questions about starting a PAD program.

If We Share the Same Goal, Why Are We Fighting? *Congress C* Conflict Between the Athletic Trainer and EMS Provider *Becky Schwartzman, SUNY Cortland*

Have you ever been called to the scene of an athletic injury to find someone in khakis and a polo shirt with your patient, controlling the scene already, or possibly even telling you what to do? This presentation will set forth the conflict between the Emergency Medical Provider and the Athletic Trainer, as seen from the eyes of someone who holds both positions. Explained here will be where the conflict arose from, the differences and similarities between the two roles, and how amends can be made to ensure the best level of care for your patient.

Regional Roundtable Discussions

NCEMSF Regional Coordinators

Massachusetts, New York, Pennsylvania:

Regency

North Central, Northeast, West:

Commonwealth A1

Canada, Mid-Atlantic, Midwest:

Commonwealth A2

Central, N. New England, Southeast:

Commonwealth B

The NCEMSF Regional Coordinators invite squad leaders to meet with them and other leaders in their geographic region. Attendance will help organizations to grow within NCEMSF and allow NCEMSF to better serve its constituents. These sessions are recommended for one or two representatives per school, and are ideally attended by squad leadership/squad NCEMSF Liaisons.

☺Getting Out of - the Back of the Bus

Commonwealth C

James Wilmerding, MS, MEd, EMT-P

The role of the EMS provider continues to evolve and expand. No longer are we confined simply to pre-hospital patient care "in the back of the bus" or attending to accident scenes or medical calls. Preventative healthcare screenings, teaching and training, community involvement and outreach both domestically and overseas are quickly providing unique venues for the EMS provider to offer service beyond the "red lights and sirens". Explore a variety of exciting worldwide volunteer opportunities and how you become involved!

⚙Nuts and Bolts of Research Design & Execution in EMS *Commonwealth D*

Robert Katzer, MD

Have you wondered what it would take to get an EMS research project off of the ground? Did this concept always feel just out of your reach? This session will be in a medium size group discussion format and cover all the major steps of performing a successful research project from start to finish. We will cover the generation of a research question, study design, the role of the institutional review board, and submission for abstract presentation. This ain't grandpa's research study. Project completion can open up significant opportunities for travel, building professional relationships, and networking. Please bring your project ideas and questions with you as we will maintain an interactive format.

Conference Schedule - Saturday, February 26, 2011

12:30 pm - 1:30 pm *Lunch*

With an hour for lunch, we recommend either the Food Court at the Gallery at Market East (10th and Market Streets) or, for a more authentic Philadelphia experience, one of the stands at the Reading Terminal Market (12th and Filbert Streets) - see a full listing of options on pages 33 and 34.

1:30 pm - 2:30 pm *Workshop Session 6*

Prehospital Ultrasound Application

Washington A

Alvin Wang, DO

Ultrasound is a versatile tool with a plethora of clinical applications. Its use has become commonplace in the emergency department and is beginning to expand to the prehospital setting as well. Come learn about some of the novel prehospital applications of ultrasound, beyond simple FAST exams.

Toxicology 201

Washington B

Mark Forgues, MEd, EMT-P

Common ingestions and overdoses will be reviewed. Both prescription drugs and illegal substances will be covered. These will be approached through the use of toxidromes; common pharmacodynamics caused by classes of drugs. This lecture will enable the provider to recognize potential problems, provide appropriate supportive care, and realize that there are few "antidotes."

Controversies in Aeromedical Transport

Washington C

Stephen L. Richey

Recent losses of multiple helicopters and their crews have led many to question whether helicopter EMS (HEMS) is necessary in all areas, what impact they really have on patient outcomes and whether they are misused by ground personnel and what role the helicopter operators play in encouraging overuse of helicopter transport, if any. Myths and misunderstandings about HEMS will be discussed and dispelled by the presenter who is both an aeromedical provider and an aviation safety researcher.

Asthma and Anaphylaxis: Beyond Bronchodilation

Commonwealth B

Benjamin Lawner, DO

Proper management of these airway emergencies can be lifesaving. Become familiar with risk factors for sudden death from asthma; recognize patients at risk before they crash. Dr. Lawner will review evidence based treatments. Engage in case based discussion about how best to cope with these breath-stealing complaints.

Controversies in Spinal Immobilization

Commonwealth C

Mark E. Pinchalk, MS, EMT-P

Spinal immobilization is a frequently applied intervention in the prehospital setting, but not without the risk of significant morbidity for the patient. This presentation will review the current literature regarding clinical evaluation of potential cervical spinal injuries and the utility of using field evaluation algorithms to clinically clear the c-spine in the prehospital setting. Sample protocols and outcome data will be reviewed.

Penetrating Abdominal Trauma

Commonwealth D

Frank Sabatino, MD

This lecture will describe the epidemiology and most common mechanisms for penetrating abdominal trauma with review of the relevant anatomy. It will focus on the prediction of abdominal injuries based on mechanism with special attention to the need for rapid intervention and transport based on vital signs and assessment findings. This lecture will improve differentiation of abdominal injuries on the basis of patient assessment using visual stimuli and interactive case scenarios.

Conference Schedule - Saturday, February 26, 2011

✿ Building the Quality in Quality Assurance

Congress A

Frank A. Caria, MPA, CHC, AEMT

EMS agencies strive to deliver the highest level of care possible to the public they serve. The development and maintenance of an active and involved Quality Assurance/Continuous Quality Improvement program is essential to that goal. QA/CQI is more than simply reviewing calls. This session will provide information and tips on how to enhance a QA/CQI program to better your agency and the public.

⚠ Dangers in Suicide

Congress B

Carl Bittenbender, MS, NREMT-P, FP-C

Students will learn about suicide and the epidemiology surrounding suicide. Suicidal methodologies will be discussed. A focus of the program will involve discussing emerging trends in suicidal methodologies that place first responders in harms way, creating not just a death scene, but also a potential murder scene with first responders being the victims. Trends that will be covered include chemical suicides and suicide by cop. Attendees will learn about appropriate responder safety, scene preservation, treating suicidal patients and dealing with distraught family members.

❖ The Importance of Pre-Planning in Special Event Medical Response

Congress C

Clay Richmond

EMS providers often see "stand by" assignments as either a day-off or preparation for a mass casualty. Those who look at it as a day-off and spend the day eating, sleeping and scoring free T-shirts expose themselves and the event to untold liability. Those that only view special events as potential mass casualty events frequently roll out too many resources and are fiscally irresponsible threatening their own survival. A proper EMS response ranges from the very simple to extremely complex and often lands somewhere between these two extremes.

Skills Lab: STEMI

Adams

Timothy Phalen

This lab uses sample ECGs as the starting point for conversation and questions. This provides additional practice for the content discussed in the earlier STEMI session, as well exploring a new topic, non-infarct causes of ST elevation (the STEMI impostors).

Skills Lab: ALS Skill Review - Cricothyrotomy

Anthony

Fred Ellinger, Jr., NREMT-P and Joseph Schili, NREMT-P, FP-C

Cricothyrotomies may be the lowest frequency, highest risk procedure performed by ALS providers. In this skill session the ALS provider will receive expert instruction on the proper technique of needle cricothyrotomy, percutaneous cricothyrotomy (COOK Melker), and open surgical cricothyrotomy. Participants will practice all three techniques utilizing swine trachea models.

Skills Lab: Simulation - What's All the Buzz About?

Tubman

Jennifer McCarthy, MAS, MICP and J Aidan Boswick

You've heard the buzz about simulation, now come and see for yourself what everyone is talking about. This interactive simulation session will give you plenty of time to see first hand why it's a thrill.

Roundtable: Financing

Commonwealth A1

Joseph Grover, Yoni Litwok, and Noah Prince

For this roundtable discussion, NCEMSF Leadership will moderate conversations addressing financing and budgeting, a common collegiate EMS problem area.

Conference Schedule - Saturday, February 26, 2011

2:40 pm - 3:40 pm *Workshop Session 7*

Positional Asphyxia While In Custody

Washington A

Darrin M. Batty, AEMT-P, CIC, NCEE

EMS often is asked to evaluate suspects in custody. This session will discuss the complex circumstances which result when physiology, drugs, alcohol and law enforcement converge with regards to the recognition, assessment, and treatment of positional asphyxia.

Clinical Effects of Frequently Abused Drugs

Washington B

David S. Carson, MA, DRE, NJEMT-B

Recognizing and identifying drug overdoses on campus is often a difficult task. You will learn from an experienced police officer who is recognized by the Courts as a Drug Recognition Expert how to determine in the field if a patient is under the influence of drugs. The seminar will provide you with information to help determine the type of substances that were abused by the patient.

Poor Prognostic Indicators: Critical Thinking in EMS

Washington C

Gary Hecker, RN, CCRN, EMT-B, CIC and Stuart Rosenhaus, EMT-B, CIC

A review of key signs and symptoms will help prehospital care providers quickly identify immediate life threatening conditions. The focus will be on developing critical thinking skills needed during patient assessment including the need for rapid interventions and transport decisions.

Ballistics and Forensics: Understanding the Basics

Commonwealth B

Gerald C. Wydro, MD

The objective of this lecture is to review the basics of firearm and wounding ballistics with some attention to injury patterns and basic forensic principles. Terminology will be reviewed for an essential understanding of ballistic nomenclature. The mechanical structure of bullets and weapons will be reviewed. Injury patterns will be discussed with specific attention on forensic clues and assessment of wounding characteristics.

The Israeli Experience:

Commonwealth C

Lessons for the Campus-Based EMS Provider

Ronald N. Roth, MD, FACEP

We all plan for mass casualty events and disasters, but thankfully few of us will actually participate in a real MCI. In Israel, planning and dealing with mass casualty events is all too common. The Israelis have developed a unique approach to emergency care based on necessity and experience. We can apply some of their "lessons learned" to the college campus.

Sense and Sensitivity:

Commonwealth D

Applying the CARES 11.0 Model to Sexual Assault Calls

Eric M. Garrison, MAEd, MSc, DLSHTM, CSC, ACS

With college sexual assaults (SA) and intimate partner violence (IPV) continuing to occur across campus, wouldn't you like to know more about how to handle these delicate situations, so that everyone from the survivor to the EMS crew feels more comfortable and less anxious? Eric will help you become aware of your own comfort levels and build on your current knowledge and training, so that you and your crew are prepared for that next SA call. By the end of the session, every participant will be able to list the five aspects of the CARES 11.0 model and state how each item applies to SA calls as well as to additional EMS and university settings. As a professional presenter who continues to boast, "I love to be interrupted," Eric will ration time for Q&A, and he will post handouts on his website www.ericmgarrison.com.

Conference Schedule - Saturday, February 26, 2011

Communicating with the Autistic: Strategies for the Neurotypical

Congress A

Patricia J. Neal, AAS, EMT-P

Communicating with a neurotypical patient in a crisis or emergency is often difficult. The combination of a neurotypical provider and an autistic in crisis can be an emotional roller coaster for both. Learn simple communication strategies from an experienced paramedic with vast experience in communicating with communication difficulties and atypical expressions.

Precious Cargo: Kids in Transport

Congress B

Beth Ann McNeill, MS(c), EMT-B, CIC

This workshop will discuss the concerns of children in transport both in personal vehicles and in ambulances. How safe are children during transport? What should first responders look for at the scene of a motor vehicle collision where pediatric patients are involved? What is the significance of utilizing child safety seats and restraint systems for children and how does this use impact first responders? What is the best way to transport a neonate in the back of an ambulance?

Experience, Judgment and Professionalism: Keys to a Successful Collegiate EMS Squad

Congress C

Christian J. Ehrhardt

What makes a successful collegiate EMS agency? There are many factors that contribute to the success of a collegiate EMS agency including experience, judgment and professionalism. In this interactive lecture, participants will learn how to improve these three factors both individually with each EMT and also from the macro level of the squad. The presentation is designed for squad leadership and advisory personnel.

Skills Lab: Ultrasound

Adams

Angela Cirilli, MD, RDMS, Kevin R. Roth, DO, and Alvin Wang, DO

This hands-on lab will have three stations that participants will rotate through 1) General ultrasound familiarity and "knobology" 2) FAST Exam and 3) AAA Scan. Faculty will demonstrate and then participants will have ample opportunity to practice.

Thank you to SonoSite for lending the ultrasound machines for this session and to the Jefferson Medical College students who have volunteered to be "patients."

Skills Lab: Simulation - What's All the Buzz About?

Tubman

Jennifer McCarthy, MAS, MICP and J Aidan Boswick

You've heard the buzz about simulation, now come and see for yourself what everyone is talking about. This interactive simulation session will give you plenty of time to see first hand why it's a thrill.

Roundtable: Recruitment and Retention

Commonwealth A1

Amy Berenbaum, Katie Egan, and Amanda Wong

For this roundtable discussion, NCEMSF Leadership will moderate conversations addressing recruitment and retention, a common collegiate EMS problem area.

Roundtable: QA/CQI

Commonwealth A2

Frank A. Caria, MPA

This roundtable discussion follows the preceding lecture on quality assurance. Bring your issues and ideas and your peers will help you work through them.

3:40 pm - 3:55 pm

Snack Break - A Taste of Philadelphia

Regency Foyer

Conference Schedule - Saturday, February 26, 2011

3:55 pm - 4:55 pm *Workshop Session 8*

A Weighty Issue

Washington A

Timothy J. Perkins, EMT-P

This presentation provides general information to EMS providers on Bariatric patients. This presentation addresses anatomical and physiological anomalies, and injuries and illnesses common to bariatric patients. It will also address many of the “New” types of surgical and medical interventions for the morbidly obese, and how EMS providers may effectively treat these patients.

Altitude Medicine

Washington B

Gates Richards, MEd, WEMT-I

This talk will cover the basics of altitude physiology, common and uncommon altitude illnesses and recent trends in altitude illness research and treatment guidelines. We will focus on effective field treatment of altitude illnesses.

Less Lethal Force:

Washington C

Tear Gas, Mace, and Conducted Energy Weapons

Robert Katzer, MD

With the passing of every year it seems that law enforcement organizations move further away from batons. This rapid change in the area of less lethal weapons can make it difficult to keep up with the latest science. This lecture will cover mace, pepper spray, PAVA spray, and conducted energy weapons. A focus will be placed on the pathophysiology of each of the agents, the latest research on their safety, and the information you MUST know as a healthcare provider. You will leave with the tools to understand the differences between the individual agents, protect yourself from damaging exposure, care for your patients in a systematic way, and understand what really went on in that scene from “The Hangover.”

There's No Vaccine for Stupid

Commonwealth B

Ron Lewis, NREMT-P

“There's no Vaccine for Stupid” is a humorous (at least to us in the medical field), yet serious look at the causes of spinal trauma developed by Capt. Lewis. Interspaced with video and pictures of actual events – many laced with language that normally accompanies ignorant behavior – Capt. Lewis discusses mechanisms and their abilities to influence spinal column and cord insults along with the responsibilities of prehospital personnel when treating this population of Darwin Award candidates.

Interesting Prehospital Cases

Commonwealth C

Ronald N. Roth, MD, FACEP

Only the names have been changed to protect the innocent. The stories you are about to hear are true. In this lecture we review several real life prehospital calls to look at what went right and in some cases what could have been done better. Providing emergency care in the prehospital area is challenging. We can all learn from the “interesting cases” of others.

Neck Injuries: It's not just about C-Spine

Commonwealth D

Darrin M. Batty, AEMT-P, CIC, NCEE

EMS providers have been taught to stabilize and manage potential c-spine injuries in patients they encounter as if it were second nature. Can you say the same thing about assessment and management of those injuries that occur to the anterior neck? This in-depth look at the anatomical structures of the neck and their relationship to other body structures will explore the potential life threatening injuries as well as the management of patients experiencing trauma to this vulnerable area of the body.

Conference Schedule - Saturday, February 26, 2011

✿The Four R's of Volunteerism:

Congress A

Recruitment, Retention, Recognition, Respect

Beth Ann McNeill, MS(c), EMT-B, CIC

What does the future for volunteers in EMS and fire/rescue hold? Are we a species near extinction? How are our organizations recruiting and retaining volunteers? Come to this unique interactive discussion on the Four R's of Volunteerism. We will explore the history of volunteering, the reasons people volunteer, the benefits of volunteering, and the importance of volunteer recognition and respect.

✿Collegiate EMS and the Community:

Congress B

Getting the Message Out

Ian Weston

A large component of the provision of EMS is not just care and transport to an ER, but providing opportunities to educate the community you serve. Data has shown that EMS involvement in the community has a direct affect on preventing injury, especially on college campuses. This presentation will discuss how collegiate EMS providers can become more involved within their communities. We will review how to discover common trends in EMS data, how to develop educational campaigns unique to those trends, and how to successfully market those campaigns.

❖From EMS to EMA: A Primer in Emergency Management Congress C

David S. Jaslow, MD, MPH, EMT-P, FAAEM

Are you aware that there is a lack of EMS-trained personnel in leadership positions in U.S. emergency management agencies? Municipal, county, state and federal emergency management agencies all have one thing in common--they offer jobs to emergency services personnel who can demonstrate knowledge, skills and abilities in the field. Unfortunately, of all the public safety disciplines, EMS least prepares its constituents to meet these position descriptions. Join Dr. Jaslow, a member of local, state and federal EMA leadership and an adjunct professor in the Philadelphia University Disaster Medicine and Management Master's program, as he provides an overview of the science of emergency management, the education necessary to excel in this field and the human resource crisis facing EMAs looking for personnel with a healthcare background.

Skills Lab: Ultrasound

Adams

Angela Cirilli, MD, RDMS, Kevin R. Roth, DO, and Alvin Wang, DO

This hands-on lab will have three stations that participants will rotate through 1) General ultrasound familiarity and "knobology" 2) FAST Exam and 3) AAA Scan. Faculty will demonstrate and then participants will have ample opportunity to practice.

Skills Lab: Basic EMS Bicycle Maintenance

Anthony

John E. Gillespie, MS, CFC, NREMT

This hands-on session will demonstrate the basics of bicycle maintenance - the A-B-C's: Air, Brakes and Cables. It will review how to change a flat, adjust brake pads for maximum efficiency, adjust brake and derailleur cables, replace brake pads, cables and bottom bracket cartridges. The tools needed to maintain a bike fleet and a schedule for when certain repairs and replacements should be made will be discussed.

Skills Lab: Hands-On ALS Assist for the BLS Provider

Tubman

Jon Cooper, EMT-P

How does an EMT work with a paramedic on a close, high acuity call. Attend this hands on session to experience the nuts, bolts and basics of assisting your ALS provider with advanced monitoring, airway and IV equipment.

Conference Schedule - Saturday, February 26, 2011

Roundtable: Training

Commonwealth A1

J Aidan Boswick, Stephen Lanieri, and Eric Pohl

For this roundtable discussion, NCEMSF Leadership will moderate conversations addressing training, a common collegiate EMS problem area.

Roundtable: Ethics

Commonwealth A2

Gary Hecker, RN, CCRN, EMT-B, CIC and Stuart Rosenhaus, EMT-B, CIC

Using a discussion format, the moderators will address current issues in prehospital care that raise potential ethical quandaries for providers. Participants will discuss their own ethical encounters and work through these challenging dilemmas with one another. Sample discussion topics may include: drawing blood for blood alcohol testing, sharing information with campus public safety, and responding with in-experienced providers.

5:00 pm - 6:00 pm *Major John P. Pryor, MD Memorial Lecture* Regency

Introduction

George J. Koenig, Jr, DO, NCEMSF President

Mechanisms of Injury in Blunt Trauma

Edward T. Dickinson, MD, FACEP, NREMT-P

In many cases the mechanism of injury results in predictable injury patterns. Understanding these mechanisms and the injuries associated with them is a crucial component of emergency medical services. The lecture will review the basic physics of blunt trauma and describe common mechanisms of injuries related to motor vehicle crashes, falls and confined space compression injuries. The lecture is extensively highlighted by case studies and photographs of various mechanisms of injury and the resultant trauma.

6:00 pm - 7:00 pm *Leadership Presentation & Business Meeting* Regency

George J. Koenig, Jr, DO, NCEMSF President

Learn how NCEMSF can better serve you through all of its programs and member benefits. Includes reports from the NCEMSF Executive Officers, Division Coordinators and Committee Chair-people as well as the unveiling of exciting new programs and agenda items.

Awards Ceremony

NCEMSF recognizes outstanding efforts made by individuals and organizations through its awards program. The winners of the Physio-Control EMS Skills Competition also will be acknowledged:

- Striving for Excellence
- Richard W. Vomacka Student Speaker Competition
- Collegiate EMS Week Celebration of the Year
- Collegiate EMS Video of the Year
- Collegiate EMS Web Site of the Year
- Collegiate EMS Advisor of the Year
- Collegiate EMS Provider of the Year
- Collegiate EMS Organization of the Year
- George J. Koenig, Jr. DO Service Award

7:00 pm - 8:30 pm *Alumni Mixer and Networking Event* Commonwealth

Campus EMS Alumni (over 79 registered as of this publication) are invited to join NCEMSF leadership for happy hour. Reminisce with old friends and catch up on happenings since graduation. Network with our accomplished group of speakers and exhibitors. Conference badge with "Alumni" ribbon and proper ID required.

Conference Schedule - Saturday, February 26, 2011

7:00 pm - 10:00 pm *Dinner and Evening Activities*

After a long day, it's time to unwind and eat! Try one of the many restaurants surrounding the conference facility, many are used to accommodating large groups although you may want to call in advance for reservations. See a listing of local restaurants and other nighttime suggestions on page ??? or consult the Hotel Concierge.

10:00 pm - 2:00 am *NCEMSF Club and Casino*

Millennium

After dinner on the town, stay out and enjoy the local bar scene, or return and join the party at the NCEMSF Club and Casino!

No need to congregate in the halls or cram large groups into a small hotel room, join the rest of your fellow collegiate EMS providers and "gamble", dance and sing the night away. Try your hand at beating the NCEMSF house at your favorite casino games including Black Jack, Poker, Craps, Roulette, etc... Great prizes are available including a flat screen TV, gift cards and a plethora of EMS supplies from CPR mannequins to fully stocked jump bags to stethoscopes. No worries, there is no penalty for losing and no real money will be exchanged. Play risk free! At the end of the evening, cash your chips out for different priced raffle tickets. Winners will be posted at 2AM and prizes may be claimed at that time or at the registration table the next morning. Our live DJ will help get this party started and keep it going well into the night. Light refreshments will also be served.

Note: The casino will close at 1AM, but the music will continue until 2AM, and the room will remain open for an additional while as a place to congregate without disturbing other hotel guests. Please utilize this space.

GET SOME REST!

WE'LL SEE YOU IN THE MORNING...



Schools in Attendance

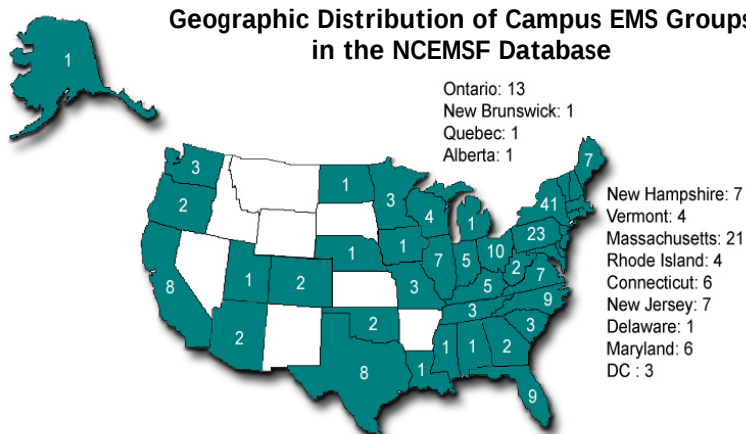
*At the time of publication, the following 88 universities (817 delegates) had registered:
(information below is from the NCEMSF Database, please see your RC to update your profile)*

<u>School Name</u>	<u>Delegates</u>	<u>State</u>	<u>NCEMSF Region</u>	<u>Type</u>	<u>Sub-Type</u>
Arizona State University	2	AZ	Central	BLS	QRS
Bard College	5	NY	New York	BLS	QRS
Binghamton University	24	NY	New York	ALS	Ambulance Transport
Boston College	2	MA	Massachusetts	BLS	QRS
Brandeis University	13	MA	Massachusetts	BLS	Non-emergent Transport
Brown University	5	RI	Northeast	ALS	Ambulance Transport
Bucknell University	12	PA	Pennsylvania	BLS	QRS
Carnegie Mellon University	17	PA	Pennsylvania	BLS	QRS
Case Western Reserve University	6	OH	Midwest	BLS	Non-emergent Transport
Cedar Crest College	6	PA	Pennsylvania	BLS	QRS
Clark University	17	MA	Massachusetts	FR	QRS
Clarkson University	2	NY	New York	Startup	
College of Charleston	14	SC	Southeast	ILS	QRS
Columbia University	17	NY	New York	BLS	Ambulance Transport
<i>Cornell University</i>	<i>11</i>	<i>NY</i>	<i>New York</i>	<i>BLS</i>	<i>Non-emergent Transport</i>
Creighton University	4	NE	Central	Startup	
Dartmouth College	1	NH	Northern New England	BLS	QRS
DeSales University	11	PA	Pennsylvania	BLS	QRS
Drexel University	6	PA	Pennsylvania	BLS	QRS
Emory University	10	GA	Southeast	ILS	QRS
Fordham University	10	NY	New York	BLS	Ambulance Transport
Franklin Pierce University	7	NH	Northern New England	BLS	QRS
<i>Georgetown University</i>	<i>26</i>	<i>DC</i>	<i>Mid Atlantic</i>	<i>BLS</i>	<i>Ambulance Transport</i>
Hobart and William Smith Colleges	5	NY	New York	BLS	QRS
<i>John Carroll University</i>	<i>6</i>	<i>OH</i>	<i>Midwest</i>	<i>BLS</i>	<i>QRS</i>
Johns Hopkins University	21	MD	Mid Atlantic	BLS	QRS
Juniata College	8	PA	Pennsylvania	BLS	QRS
<i>Lehigh University</i>	<i>3</i>	<i>PA</i>	<i>Pennsylvania</i>	<i>BLS</i>	<i>QRS</i>
<i>Loyola Marymount University</i>	<i>13</i>	<i>CA</i>	<i>West</i>	<i>BLS</i>	<i>QRS</i>
Massachusetts Institute of Technology	11	MA	Massachusetts	BLS	Ambulance Transport
McMaster University	5	ON	Canada	BLS	Non-emergent Transport
Mount Holyoke College	4	MA	Massachusetts	BLS	QRS
Muhlenberg College	7	PA	Pennsylvania	BLS	Non-emergent Transport
New York University	5	NY	New York	Startup	
Norwich University	7	VT	Northern New England	BLS	Non-emergent Transport
<i>Pennsylvania State University</i>	<i>24</i>	<i>PA</i>	<i>Pennsylvania</i>	<i>BLS/ALS</i>	<i>Ambulance Transport</i>
<i>Rensselaer Polytechnic Institute</i>	<i>12</i>	<i>NY</i>	<i>New York</i>	<i>BLS</i>	<i>Ambulance Transport</i>
<i>Rice University</i>	<i>7</i>	<i>TX</i>	<i>Central</i>	<i>ILS</i>	<i>QRS</i>
<i>Rochester Institute of Technology</i>	<i>16</i>	<i>NY</i>	<i>New York</i>	<i>BLS</i>	<i>Ambulance Transport</i>
Rowan University	13	NJ	Northeast	BLS	Ambulance Transport
Rutgers University	2	NJ	Northeast	BLS	Ambulance Transport
Saint Michael's College	4	VT	Northern New England	ILS	Ambulance Transport
Santa Clara University	20	CA	West	BLS	QRS
Springfield College	10	MA	Massachusetts	BLS	QRS
St. Bonaventure University	7	NY	New York	BLS	QRS
SUNY Albany	12	NY	New York	BLS	Ambulance Transport
<i>SUNY College at Cortland</i>	<i>10</i>	<i>NY</i>	<i>New York</i>	<i>BLS</i>	<i>QRS</i>
SUNY Geneseo	6	NY	New York	BLS	QRS
SUNY Oneonta	8	NY	New York	BLS	QRS
<i>SUNY Oswego</i>	<i>11</i>	<i>NY</i>	<i>New York</i>	<i>BLS</i>	<i>Ambulance Transport</i>

Schools in Attendance (Continued)

<u>School Name</u>	<u>Delegates</u>	<u>State</u>	<u>NCESMF Region</u>	<u>Type</u>	<u>Sub-Type</u>
SUNY Potsdam	4	NY	New York	BLS	QRS
SUNY Stony Brook	1	NY	New York	ALS	Ambulance Transport
Syracuse University	7	NY	New York	BLS	Ambulance Transport
Temple University	8	PA	Pennsylvania	BLS	Non-emergent Transport
<i>Texas A&M University</i>	<i>14</i>	<i>TX</i>	<i>Central</i>	<i>ALS</i>	<i>Ambulance Transport</i>
<i>The George Washington University</i>	<i>31</i>	<i>DC</i>	<i>Mid Atlantic</i>	<i>BLS</i>	<i>Non-emergent Transport</i>
Trinity College	4	CT	Northeast	BLS	QRS
Tufts University	8	MA	Massachusetts	BLS	Non-emergent Transport
<i>Tulane University</i>	<i>11</i>	<i>LA</i>	<i>Central</i>	<i>BLS</i>	<i>Ambulance Transport</i>
University of Arizona	3	AZ	Central	BLS	QRS
University of California-Los Angeles	4	CA	West	BLS	Ambulance Transport
University of Dayton	9	OH	Midwest	BLS	Ambulance Transport
<i>University of Delaware</i>	<i>40</i>	<i>DE</i>	<i>Mid Atlantic</i>	<i>BLS</i>	<i>Ambulance Transport</i>
University of Il. at Urbana-Champaign	9	IL	North Central	BLS	Event Standby Only
University of Iowa	2	IA	North Central	Startup	
University of Maryland	2	MD	Mid Atlantic	BLS	Event Standby Only
University of Massachusetts Amherst	16	MA	Massachusetts	BLS	Event Standby Only
University of Massachusetts Lowell	8	MA	Massachusetts	BLS	QRS
University of New England	12	ME	Northern New England	BLS	QRS
University of Pennsylvania	14	PA	Pennsylvania	BLS	QRS
University of Pittsburgh	9	PA	Pennsylvania	Startup	
University of Rhode Island	13	RI	Northeast	BLS	Ambulance Transport
University of Richmond	3	VA	Mid Atlantic	Startup	
University of Rochester	9	NY	New York	BLS	QRS
University of South Florida	7	FL	Southeast	BLS	Event Standby Only
University of Texas at Austin	2	TX	Central	Startup	
University of Vermont	8	VT	Northern New England	ILS	Ambulance Transport
University of Windsor	3	ON	Canada	BLS	QRS
University of Wisconsin Madison	8	WI	North Central	FR	QRS
Ursinus College	12	PA	Pennsylvania	BLS	QRS
Vassar College	5	NY	New York	BLS	Non-emergent Transport
Vermont Technical College	14	VT	Northern New England	BLS	QRS
Villanova University	7	PA	Pennsylvania	BLS	Ambulance Transport
Virginia Polytechnic Institute	3	VA	Mid Atlantic	BLS/ALS	Ambulance Transport
<i>Wake Forest University</i>	<i>9</i>	<i>NC</i>	<i>Southeast</i>	<i>BLS</i>	<i>Non-emergent Transport</i>
<i>West Chester University of PA</i>	<i>5</i>	<i>PA</i>	<i>Pennsylvania</i>	<i>BLS</i>	<i>Non-emergent Transport</i>
Worcester Polytechnic Institute	5	MA	Massachusetts	FR	QRS
Yale University	4	CT	Northeast	BLS	Event Standby Only

Bolded schools are new to the NCESMF Conference this year; Italicized schools are celebrating milestone anniversaries this year.



Conference Schedule - Sunday, February 27, 2011

8:00 am - 9:00 am *Continental Breakfast*

*Commonwealth
Foyer*

8:30 am - 9:30 am *Workshop Session 9*

✳️ *Collegiate EMS Leadership Strategy*

Washington A

Ryan O'Halloran, MS, AEMT

Collegiate EMS squads face a host of group and personal challenges unlike their peers in other EMS organizations. These challenges can be channeled as some of the greatest opportunities to strategically plan and implement beneficial changes during the short period of time that collegiate EMS leaders hold their positions. Both short and long-term plans can be developed by following a succinct, straightforward, and well-supported plan that Ryan hopes to share. Based on his experiences in a wide range of organizations--both collegiate and other; EMS and other--as well as lessons-learned through graduate school and a host of unplanned real-life case studies, this interactive lecture will share "what he wishes he knew" then, and how you can concretely do it now.

❖ *Great, I've Taken ICS, What Else Can I Do to Prepare* *Washington B*

Shad U. Ahmed, NCEMSF Disaster Preparedness Coordinator

This lecture will examine the role of EMS in Emergency Management and Disaster Preparedness. We will discuss pre-plans, site surveys, communications planning, emergency operations planning (EOP), continuity of operations planning (COOP), and the expanding use of volunteers in disasters through the use of specialized teams such as Medical Reserve Corps and Community Emergency Response Teams (CERT).

❖ *Funny Fumes and Glowing Goo: HAZMAT and You* *Washington C*

Eric Pohl, NCEMSF NY Regional Coordinator

Hazardous materials are all around -- and they are especially prevalent on a college campus. Additionally, the threat of WMD in the form of CBRN (Chemical, Biological, Radiological, and Nuclear) attacks are also a constant. This lecture will familiarize the EMT with some common types of hazardous materials and how to treat exposures. Decontamination and personal safety will be addressed. Each of the CBRN types will be discussed and participants will be taught how to think defensively about WMDs.

🚑 *Therapeutic Hypothermia after Cardiac Arrest*

Commonwealth B

Benjamin S. Abella, MD, MPhil, FACEP

Sudden cardiac arrest (SCA) is a leading cause of death in the US, and many initial survivors of SCA subsequently die during hospitalization or suffer long-term neurologic disabilities. Recent evidence suggests that whole body cooling for a period of time following resuscitation, a concept termed "therapeutic hypothermia", may improve both survival and neurologic outcomes. This presentation will discuss the evidence supporting therapeutic hypothermia as well as recent studies that have refined our understanding of how the therapy can be used to save lives.

✳️ *Essential EMS Documentation:*

Commonwealth C

Paper and Electronic - The Same Rules Apply

James Wilmerding, MS, MEd, EMT-P

It's 0400 on a cold winter morning and you have just completed a rugged call....and then...."Oh Man, we gotta do that %\$%\$#@ run sheet"! Whether you are writing your EMS run data onto desktops, laptops, notebook paper, a pad of forms, a strip of tape or on the back of your glove - it still has to be done....AND it needs to be accurately recorded, archived, protected and accessible when needed - "Forever And Ever Amen".... even in the wee hours of the morning! Come review the basics of efficient and effective documentation techniques, pitfalls to avoid, and how to transition from paper to paperless record keeping as painlessly as possible - morning, noon or night!

Conference Schedule - Sunday, February 27, 2011

✿What's The Worst That Could Happen?

Commonwealth D

Alan Heckman, NREMT-P, NCEE

Just when you thought this was just another routine call – look out! This presentation deals with the sometimes crazy and worst situations that EMS professionals encounter. These encounters spread from incidents that could be seen every day to EMS situations that are only once-in-a-career / never-will-see-again topics. This is NOT a sit-back and relax presentation! This presentation is going to challenge your morals, intellect, and skills as an EMS professional to the max! Remember – the situation can ALWAYS get worse!

✿Is Leadership in the GPS?

Congress A

Leslie G. Barta, MPA, NREMT-P

This program will take a look at how people and organizations sometimes do and don't apply enough energy to succession planning. It will also discuss how finding the "next leader" is essential to ensuring that the mission of the department is met. Participants should prepare to reflect on their own ambitions, goals, and visions both personally and professionally.

✿Breaking Down the Walls:

Congress B

Communication and Collaboration Between
Private Ambulance Services and Collegiate EMS

William Murdock, EMT-I

This program concentrates on the need for communication and collaboration with local private EMS companies and providers and what they should be providing for collegiate EMS squads, which are otherwise in their jurisdictions, such as training opportunities, motivation and encouragement.

Physio Control EMS Skills Competition Review

Congress C

Michael T. Hilton, MD, Eric Pohl, NREMT-P

Skills Competition participants and non-participants alike are invited to come and discuss the differential diagnosis of each case presented and dissect the medicine behind them. The review session will focus on the proper approach and management to each of the patients encountered. This is not a session to review individual team performances, but individual teams will be able to indirectly assess how they did personally based on the information provided.

Skills Lab: Hands-On ALS Assist for the BLS Provider

Tubman

Jon Cooper, EMT-P

How does an EMT work with a paramedic on a close, high acuity call. Attend this hands on session to experience the nuts, bolts and basics of assisting your ALS provider with advanced monitoring, airway and IV equipment.

9:40 am - 10:40 am Workshop Session 10

✿The 'S' Word: Never Be Called a Student Again

Washington A

John Casey, EMT-B and Matthew Ricci, EMT-B

What is the worst thing you have ever been called in your life? If you are a campus EMT, it's that you're just a student. Being a student leader in a professional field can feel impossible most days when your enrollment defines you more than your skills. Come learn how to use technology, conduct, and appearance to eliminate the stigmas of youth, disorganization, or inexperience.

Conference Schedule - Sunday, February 27, 2011

❖Plane, Trains and Ambulances: Terrorists Use Them All *Washington B* *Joshua Manfredo*

Could terrorists join our ranks? Could they enter our buildings posing as patients? Is there a bomb planted in the ambulance timed to go off during a VIP visit? Is someone studying our response pattern to attack us later? College campuses are home to some rich targets, such as visiting political VIPs, crowded sports venues, chemical, biological, and other research facilities, and so on. Complacency can cost lives and cause significant damage. We will profile some cases, talk about potential targets, and most importantly, how we can help prevent such scenarios from developing.

❖Chaos: Controlling the First Few Minutes of an MCI *Washington C* *H. Bucky Buchanan*

This lecture will focus on the steps to take to help your organization prepare, respond, and recover from a large scale Incident in your territory.

🚑How Should I Do CPR? *Commonwealth B* *Vincent N. Mosesso, Jr, MD, FACEP, EMT-P*

2010 marked another new edition of the American Heart Association Guidelines for CPR and Emergency Cardiac Care. This presentation will provide an overview of the most important BLS and ALS changes to the previous guidelines. The scientific basis or rationale for many of the changes will be reviewed.

🕒The Medical Examiner: *Commonwealth C* Principles of Investigation and Public Health and Safety *Sam P. Gulino, MD*

This lecture will give an overview of medicolegal investigation and the role of the Medical Examiner as an integral part of public health and safety. The following topics will be covered: the differences between Medical Examiners and Coroners; Pennsylvania statute and M.E./Coroner jurisdiction; the "top down" approach of medicolegal investigation; the role of the M.E. in public safety: interaction with police and prosecutors in homicide cases; and the role of the M.E. in public health: fatality review, injury prevention, and infectious disease surveillance.

♠Current Concepts in Pre-Hospital Burn Care *Commonwealth D* *Kevin B. Gerold, DO, JD, MA(Ed)*

This lecture will review current concepts in the assessment and treatment of burn wounds and smoke inhalation using case studies from the Johns Hopkins Burn Center.

🕒Safer Ambulances: *Congress A* Engineering, Education, and Enforcement *Erik S. Gaull*

Ambulances are inherently unsafe vehicles. We do things in the back of moving ambulances that we have no tolerance for elsewhere in the fire service or our personal lives. Why? This presentation discusses efforts to make the ambulance of the future safer and what departments need to do in terms of education and enforcement to augment the re-engineering efforts.

🕒Collegiate EMS and Law Enforcement *Congress B* *Gregory Skinner, EMT-B*

EMS and law enforcement personnel serve the public to help make their communities better places. Both disciplines look at incidents in different ways. Misunderstandings between EMS and law enforcement communities can be avoided if everyone understands what "the other guy" is thinking and why he thinks the way he does.

Conference Schedule - Sunday, February 27, 2011

✿Your Online Presence and Why It Matters

Congress C

Scott C. Savett, PhD and Douglas R. Buchan, NCEMSF Webmasters

We have announced the new NCEMSF.org website and have learned a lot along the way. Take some time to experience the new site during this session and learn more about how to make your presence on the web noticed. Collegiate organizations struggle with maintaining modern, exciting, easily updateable websites that effectively represent them on the web. Learn about useful tools and ideas you can use to improve your web presence.

Skills Lab: HazMat Tabletop

Anthony

Darrin M. Batty, EMT-P, NCEE

This tabletop exercise is intended to provide an opportunity to test your ability to respond to hazardous materials incidents. The exercise provides the opportunity to identify the response and coordination issues that could arise during a variety of hazardous materials scenarios and make the decisions to resolve those issues.

Roundtable: Making the Case -

Commonwealth A1

A Guide to Communicating with Administrators

Andrew S. Mener, NCEMSF Startup Coordinator

Meeting with school administrators to start an organization, or simply to maintain one, can at times feel like an uphill battle. You will be asked difficult and probing questions. You will have to explain yourself to people with very little, if any, medical background. You will be met with skepticism at every turn. But, if you can develop effective communication techniques for speaking with your administration, half the battle will have been won. In this interactive small group, learn how to make the most of your meetings with your school's administration. Engage with a mock panel of administrators comprised of familiar characters such as a police chief, student health director, university dean, and risk management director. Student participants are encouraged to present real-life scenarios, either in the form of a start-up proposals or expansion plans, before this panel. Participants will receive personalized guidance and pointers for how best to effectively communicate with their administrations.

10:50 am - 11:50 am Workshop Session 11

🚑ALS for BLS: What's that Medic Doing to My Patient

Washington A

Graig "Giddy" Straus, BSN, RN, CEN, FF/EMT

Often times BLS crews find themselves in the backseat when a medic walks in and takes over the scene. As a BLS crew, and often times the transporting party, you should be aware of what is going on with your patient even if it falls outside your scope of practice. This lecture will help identify key areas of care that ALS provides so that you won't have to ask "What's that medic doing to my patient?"

❖So the President's Coming to Campus:

Washington B

and Your Team Made the "Big Dance" Are You Prepared?

John E. Gillespie, MS, CFC, NREMT

Whether a high profile political speaker is giving a speech on your campus or your school's best athletic team reaches the Final Four, what would happen if a mass casualty incident occurred? By developing a working relationship with other organizations on campus, university administration, and your assist agencies, and having the ability to all talk to one another and work in a cooperative effort when Murphy strikes you should be able to weather any situation that arises. This lecture will provide the essentials to begin developing a campus response plan, the people in university administration that you need to have on your side to get a seat at the planning table, and how to approach outside agencies to develop the relationships necessary to make sure if something were to go wrong your organization is prepared.

Conference Schedule - Sunday, February 27, 2011

❖EMS Strike Team Management “Cajun Style”

Washington C

Everitt Binns, PhD

Just days before Hurricane Gustov was to “hit” the Louisiana coast, 60 ambulances, 12 support vehicles and 260 EMS professionals, including a command staff departed Pennsylvania as a Strike Team. Dr. Ev Binns was the Incident Commander for this deployment, as he was at Hurricane Katrina. Eleven days later the team was on its way home after moving to five separate locations, completing hundreds of missions, providing “aid” and comfort to thousands of individuals, including the evacuation of a hospital. This was an “EMS mission of a lifetime.” Dr. Binns will explore the lessons learned from the management and practitioner side of this deployment as well as the joys and heartaches that this miraculous team of professionals provided and what it was like to be heading into a hurricane as everyone else was leaving.

♠Spinal Injuries

Commonwealth B

Vincent N. Mosesso, Jr, MD, FACEP, EMT-P

Spinal injuries are often devastating due to the loss of use of limbs, respiratory compromise or hemodynamic instability, not to mention pain. This presentation will present various types of traumatic spinal conditions, describing clinical presentation, imaging studies and basics of management.

☯Issues & Pitfalls Surrounding Tactical Medical Programs Commonwealth C

Kevin B. Gerold, DO, JD, MA(Ed)

This Lecture will discuss the essential components of challenges facing EMS providers wishing to establish a Tactical Medical Program.

☠Deadly Sins of EMS

Commonwealth D

Alan Heckman, NREMT-P, NCEE

This program will look at the everyday “sins” that are committed by EMS providers. Through inadequate training, laziness, and complacency, many prehospital practitioners fall victim to the temptations of poor patient care and customer service practices. This presentation will confront these challenges head-on and encourage providers to evaluate their own clinical practices for potential “sins” through current research and patient care standards.

☯Fireground Rehabilitation:

Congress A

It’s More Than a Place to Sit and Something to Drink

Erik S. Gaull

Fireground Rehabilitation: It’s More Than a Place to Sit and Something to Drink – covers emergency incident rehabilitation, from A to Z. It stresses NFPA 1584 compliance and the mechanics of establishing and conducting a rehabilitation operation within the context of the Incident Command System.

☯Helicopter Safety

Congress B

John Roussis, NREMT-P, FP-C

You have decided to fly your patient, now what? How do you safely establish a proper landing zone and communicate and interact with the incoming flight crew? This lecture will discuss the basics of helicopter scene operations and what to expect when a medical helicopter responds and lands on your campus.

❖Personal Disaster Preparedness for the First Responder Congress C

Patrick Gomella, MPH, NREMT-P

Disaster preparedness and response has been at the forefront of training priorities for all emergency responders since the attacks of September 11, 2001. With the increasing threat of large scale disasters, both man-made and natural, the ability of

Conference Schedule - Sunday, February 27, 2011

all emergency response personnel to remain operationally ready is paramount to a successful response to these events. While emphasis has been placed on the “how-to” of responding and treating victims of disaster, little time has been spent on the personal preparedness of the individual responder. This session will discuss the steps you can take to help ensure that you, and your family, are ready to endure the hardships that may present during a large scale disaster.

Skills Lab: MCI Tabletop

Anthony

H. Bucky Buchanan

This tabletop exercise is intended to provide an opportunity to test your ability to respond to mass casualty incidents. The exercise provides the opportunity to identify the response and coordination issues that could arise during the various phases of an MCI and make the decisions to resolve those issues.

Roundtable: Disaster Preparedness

Commonwealth A1

Shad U. Ahmed, NCEMSF Disaster Preparedness Coordinator

Emergency Management is a changing field and it has rapidly expanded into higher education. During this session, Shad Ahmed will moderate a discussion about campus preparedness reviewing the basic principles and phases of emergency management, the critical role for collegiate EMS, and how to get involved in the whole process.

12:00 pm - 12:45 pm Conference Wrap-up

Commonwealth B

Join NCEMSF leadership as we review the highlights of the weekend. Take advantage of this final opportunity to network with your regional coordinators and your new-found friends from across the country. Future conferences rely on your feedback, so we will be all ears for your comments. We hope that you leave this conference energized, and we look forward to hearing about your progress throughout the year through the regional coordinator network and in future editions of *NCEMSF News*.

Calling all Photographers!

NCEMSF wants your photos from the conference. Before you leave Philadelphia, stop by the conference registration table and upload your digital photos to one of the NCEMSF computers. NCEMSF will post the photos online for attendees to assign captions. The photos will be archived on the NCEMSF Web site and presented at future conferences.

See You Next Year!

Thank you for attending this year's conference. We look forward to seeing you next year. Please **fill out your conference evaluation forms** in your conference folders and return the forms to the registration table.

Please also **return your RFID cards** from your conference IDs so that we may recycle them for future years.

**Join us next year - February 24-26, 2012
Baltimore's Inner Harbor - Hyatt Regency Hotel**

More About Philadelphia

Philadelphia Saving Fund Society (PSFS) and The Loews Philadelphia Hotel Building:

Established in 1816, the Philadelphia Savings Fund Society (PSFS) was the first savings bank in the US. In 1929, the bank commissioned the construction of a 36-story, 491-foot skyscraper as its new headquarters. IN the midst of the Great Depression, the building was built and equipped at an estimated cost of \$8 million and was opened in 1932. The PSFS building is considered one of the most significant buildings of the 20th century. It revolutionized urban landscape and was only the world's second skyscraper to have central air-conditioning. The building has marble and granite from 32 different countries and rare woods throughout. Cartier designed clocks were on each floor. During the mid-1950s, PSFS blanketed Philadelphia and established itself as the city's most venerable savings bank. In 1979, the building was put on the National Register of Historic Places.

In the early 1980's, the nationwide economic downturn and deregulation of the banking industry led to banking crisis. On December 11, 1992, PSFS closed its door for business. The Federal Deposit Insurance Company (FDIC) assumed all remaining assets including the famed PSFS building. The PSFS sign atop the 33rd floor was the first time any advertisement was integrated into a building's design. Throughout the Great Depression, the sign remained lit 24 hours a day to reassure customers that their money was safe and secure. Years later the decision was made to have the sign lit only at night. When the bank was placed into receivership in 1990, the Federal Government decided to turn off the lights permanently. This caused public outrage and the sign was turned back on in a matter of days. It remains illuminated nightly to this day as a recognizable symbol of Philadelphia.

In 2000, the PSFS building was renovated and reopened as The Loews Philadelphia Hotel.

PECO Crown Lights...A Philadelphia Tradition

The Philadelphia Electric Company (PECO) has been displaying messages atop its 23rd and Market Street headquarters since July 4, 1976 (the US Bicentennial). Since that time, the company has saluted local community and non-profit organizations with more than 17,500 messages. The new, energy efficient system, unveiled on July 4, 2009, includes more than 2 million multi-colored LED lights! Look for NCMSF's name in lights Thursday thru Saturday nights welcoming the 2011 conference and its attendees to Philadelphia.

Getting Around Philadelphia / Important Contact Information

The Loews Hotel is located in the heart of the city, and you should be able to walk to most places easily. If you drove to the conference, park your vehicle until you are ready to depart. We recommend walking (just be sure to walk in groups and stay in well-lit areas) or a taking a taxi. (NOTE: valet-parking at the Loews Hotel for overnight guests is \$28/day [normally \$36] - other garages in the vicinity may offer slightly cheaper rates).

Philadelphia is laid out on a north-south/east-west grid, dating back to the original plans of William Penn in 1682. The main corridors are Market Street which runs east-west and Broad Street (the equivalent of 14th Street) which runs north-south. The intersection of Broad and Market is City Hall (the Loews is one block away). Numbered streets all run north-south; the further east you go, the lower the number (except that instead of "1st Street, they start with Front Street, followed by 2nd Street) up through 23rd Street where Market Street crosses the Schuylkill River. Most of the east-west streets below Market have tree names (Chestnut, Walnut, Locust, Spruce and Pine, then Lombard and South); above Market, the main streets are Arch, Race and Vine. "Center City" stretches from the Delaware River (east) to the Schuylkill River (west) and from Vine Street to South Street.

Reasonably priced taxis will take you pretty much anywhere in the area and are available 24 hours a day. Hail an available taxi on the street or call to arrange a pickup. A flat rate (\$28.25) applies if you are traveling to/from the airport. Amtrak's Philadelphia 30th Street Station is a short cab or train ride from the host facility too. Southeastern PA Transit Authority's (SEPTA) Regional Rail Market East train station is located across the street from the host hotel. SEPTA also operates plethora of bus routes throughout the city.

Philly is a Sports Town: R2C2-2011!

PHL Taxi	(215) 222-5555
SEPTA	(215) 580-7800
AMTRAK (Train)	(800) USA-RAIL
Philadelphia International Airport	(800) PHL-GATE
SuperShuttle (Airport Shuttle)	(800) BLUE-VAN



Host Facility:

Loews Philadelphia Hotel (1200 Market Street)	(215) 627-1200
NCMSF	(877) NCMSF-1 [877-623—6731]

Philadelphia Eats

How to eat like a TRUE Philadelphian

Philadelphia is famous for many things, among them its characteristic foods – cheese steaks (steak, cheese, and bread – if only it were that simple), hoagies (a.k.a. hero, poor boy, submarine – Don't ever call a hoagie a "sub" unless you want to get dirty looks. What distinguishes a good hoagie? It's the roll!), scrapple (you don't really want to know), soft pretzels, TastyKakes, and water ice (Italian ice).

Cheese Steaks

Campo's Deli
214 Market Street
(215) 923-1000

Geno's Steaks
9th Street and Passyunk Ave
(215) 389-0659

Steve's Steaks
7th and South Streets
(215) 629-9232

Jim's Steaks
401 South Street
(215) 928-1911

Pat's King of Steaks
9th Street and Passyunk Ave
(215) 468-1546

Tony Luke's
39 E. Oregon Ave
(215) 551-5725

Hoagies

Primo
128 S. 11th Street
(215) 925-4500

Sarcone's Deli
743 S. 9th Street
(215) 922-1717

Geno's and Pat's are perhaps the most famous. They sit catty corner to one another and their lines sometimes merge. Most are loyal to one and would never contemplate eating at the other. The truly hungry may want to try both and determine for themselves which is better – the jury is still out! Complete the steak sandwich with an order of cheese fries and a cold birch-beer! Ordering is an art unto itself – not quite the Soup Nazi on Seinfeld, but close. Don't mumble or stutter or you'll get the great eye roll and genuine Philadelphia attitude. And don't fake using the lingo if you don't know what you are talking about: "whiz" means cheese whiz; "wit" means "with onions." "Whiz wit" is a common combo. American and provolone cheeses are acceptable too. Local Wawa deli/convenience stores make a mean hoagie as well.

For another true Philadelphia culinary experience check out the Reading Terminal Market:

One of America's largest and oldest public markets, housed since 1893 in a National Historic Landmark Building, the Market offers incredible selection of farm fresh groceries. The market is home to nearly 80 independently-owned small businesses representing a great diversity of nationalities...Be sure to sample the tempting variety of dining choices including local specialties and international delights...**Fresh & Local Every Day!**

Mon-Sat 8AM-6PM; Sun 9AM-5PM
www.readingterminalmarket.org
(215) 922-2317

A Great place for lunch!...It is one of the world's greatest food courts...It's a must-see, must-smell, must-taste "historical, geographical, and cultural experience..." (Zagat)

RESTAURANTS:

- 12th Street Cantina
- Basic 4 Vegetarian Snack Bar
- Beck's Cajun Café
- By George Pizza
- Carmen's Italian Hoagies
- Delilah's at the Terminal
- Dinic's
- Down Home Diner
- Franks A-Lot
- Golden Bowl
- Hershel's East Side Deli
- Kamal's Middle Eastern
- Little Tai Market
- Nanee's Kitchen
- Olympic Gyro
- Pearl's Oyster Bar
- Profi's Creperie
- Sang Kee Peking Duck
- Shanghai Gourmet
- Spataro's Cheesesteaks
- The Original Turkey
- Tootsie's Salad Express



Dining - Lunch and Dinner Options

After a full morning, take a break to refuel, but hurry back because the afternoon is even more jam packed! With an hour for lunch, we recommend either the Food Court at the Gallery at Market East (a traditional urban mall at 10th and Market Streets) or, for a more authentic Philadelphia experience, one of the stands at the Reading Terminal Market (12th and Filbert Streets). Food trucks in the area are another great option for those daring.

For dinner, we encourage you to venture out of the hotel and grab a bite around Philly - Philly is a restaurant town having experienced a restaurant renaissance over the last decade, explore something new, it is sure to please! There are far too many places, even in the immediate walking vicinity, to list here - the following are only a few suggestions. Walk a block or two South to Chestnut or Walnut Streets or East past Independence Hall to Old City and you will find a plethora of options both on the main streets and cross streets. Whatever you choose for dinner though, make certain to return to the Loews and join the party at the **NCMSF Club & Casino!**

Convention Center/Hotel Area

Chilis
1239 Filbert Street
(215) 569-0850

Fogo de Chao
1337 Chestnut Street
(215) 636-9700

IHOP
1320 Walnut Street
(215) 732-1726

Hard Rock Café
1113 Market Street
(215) 238-1000

Maggiano's Little Italy
1201 Filbert Street
(215) 567-2020

Marathon Grill
1339 Chestnut Street
(215) 561-4460

McCormick & Schmick's
1 S Broad Street
(215) 568-6888

Melting Pot
1219 Filbert Street
(215) 922-7002

Olive Garden
1346 Chestnut Street
(215) 546-7950

Soul Food (Hotel Restaurant)
1200 Market Street
(215) 231-7300

Pubs

Fergie's Pub
1214 Sansom Street
(215) 928-8118

Field House
1125 Filbert Street
(215) 629-1520

Irish Pub
1123 Walnut Street
(215) 925-3311

McGillin's Old Ale House
1310 Drury Lane
(215) 735-5562

Moriarty's
1116 Walnut Street
(215) 627-7676

Smokin' Betty's
116 S 11th Street
(215) 922-6500

Chinatown

Imperial Inn
146 N. 10th Street
(215) 627-5588

Penang
117 N 10th Street
(215) 413-2531

Sang Kee Peking Duck House
238 N. 9th Street
(215) 925-7532

Vietnam
221 North 11th Street
(215) 592-1163

Local Pizza

Gianfranco Pizza
248 S 11th Street
(215) 923-9134

NYPD Pizza
140 S 11th Street
(215) 733-0651

Pizza Palace
112 S 12th Street
(215) 629-1212

Clubs/Entertainment

Helium Comedy Club
2031 Sansom Street
(215) 496-9001

Lucky Strikes Lanes & Lounge
1336 Chestnut Street
(215) 545-2471

G Lounge
117 S 17th Street
(215) 564-1515

Whisper Club
1712 Walnut Street
(215) 735-6700

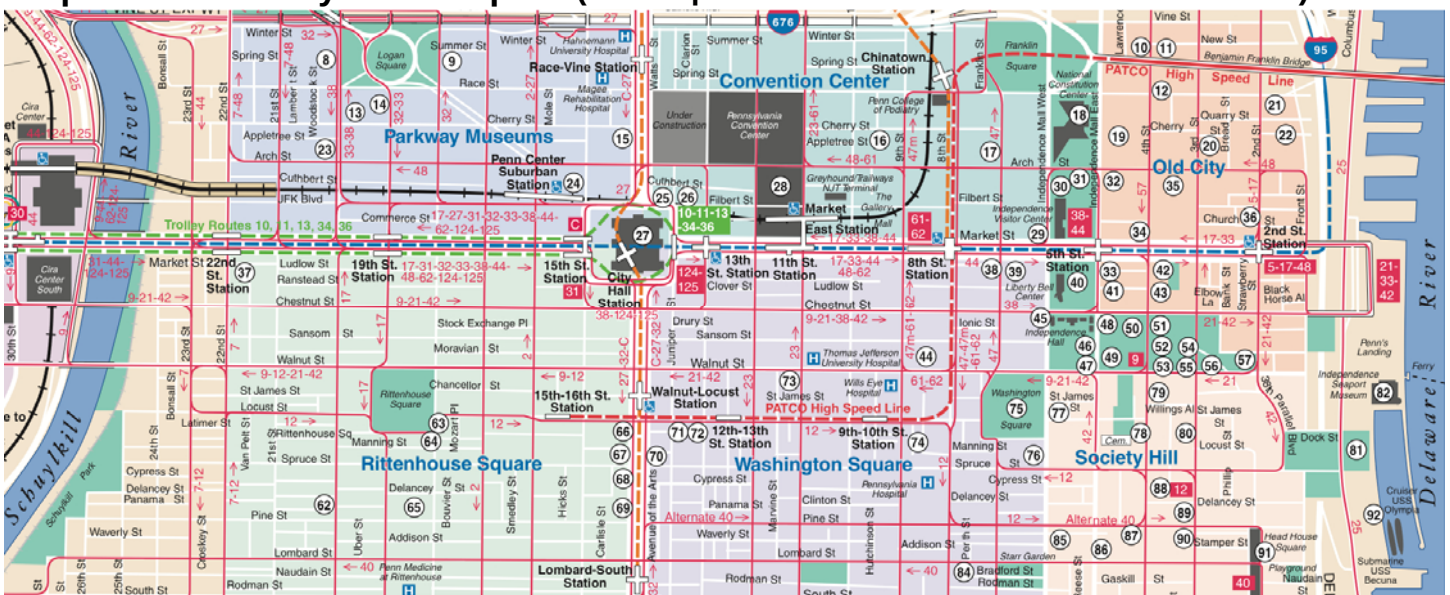
Yakitori Boy (Karaoke)
213 N 11th Street
(215) 923-8088

Movie Theaters

Ritz Five - 214 Walnut St
Ritz East - 125 S 2nd St
Ritz Bourse - 400 Ranstead St

UA Riverview Stadium
1400 S Delaware Ave
(For dinner consider Engine 46
Steak House right next door)

Map of Center City Philadelphia (See Map in Conference Folders for More Details):



Arriving Early? Staying Late?

For those spending some extra time in the City of Brotherly Love, either pre- or post-conference, below are a few of the many attractions in and around the city - for more ideas visit: www.visitphilly.com

Meet in the lobby Friday at 3:30PM for a tour of JeffSTAT's helicopter & great city views from the Jefferson helipad!

Independence National Historical Park

Here's where you'll find Independence Hall, the Liberty Bell, Carpenter's Hall (where the First Continental Congress met in 1774), the New Hall Military Museum, and many other historical buildings. To tour Independence Hall, you must have tickets. Tickets are free at the Visitor's Center, located at 6th and Market Streets across from the park. Park Rangers can answer your questions and help you plan your tour.

6th and Market Streets
Daily, 8:30AM – 5PM
Free
(215) 965-8787

National Constitution Center

Located on the third block of Independence Mall, the Center tells the story of the US Constitution through more than 100 interactive and multimedia exhibits, photographs, sculpture, text, film and artifacts.

5th and Arch Streets
Sun-Fri, 9:30AM – 5PM
Sat, 9:30AM – 6PM
\$12 Adults
(215) 409-6700

Fireman's Hall

Located on the site of Engine Company Number Eight, a descendent of the Union Fire Company, which was founded by Ben Franklin in 1736, Fireman's Hall is dedicated to the art and science of firefighting through the last three centuries. The centerpieces are surely the antique fire trucks scattered throughout the museum, including early hand- and horse-drawn engines. The museum is operated by the Philadelphia Fire Department, whose members serve as docents and offer warm hospitality and enthusiastic explanations of the memorabilia housed there.

147 N. 2nd Street (Old City)
Tue-Sat, 10:00AM – 4:30PM
Free
(215) 923-1438

Mütter Museum

The College of Physicians of Philadelphia houses the Mütter Museum of pathological anatomy, begun by Dr. Thomas Dent Mütter, a professor of surgery at Jefferson Medical College. Before his retirement, Dr. Mütter had amassed a unique and valuable collection of anatomical and pathological materials for use in his classes, which became the first collection for the museum. In 1871, the College began collecting obsolete medical instruments as well. These constitute the major part of the museum's acquisitions – items reflecting changes in technology of medicine and memorabilia of practitioners.

19 S. 22nd Street (between Chestnut and Market Sts)
Daily, 10AM – 5PM
\$16 Adults; \$10 Students with ID
(215) 563-3737

Philadelphia Museum of Art

One of the premiere art museums in the world! It is a Philadelphia icon and a must see for any art lover.

26th Street and Benjamin Franklin Parkway
Tues-Sun, 10AM – 5PM (Fri until 8:45PM)
\$16 Adults; \$12 College Students with ID
(215) 763-8100

Franklin Institute Science Museum

The Franklin Institute offers exciting hands-on, interactive access to science and technology in ways that would both amaze and delight Doctor Benjamin Franklin. The Institute includes the Fels Planetarium and Tuttleman IMAX Theater.

20th Street and Benjamin Franklin Parkway
Daily, 9:30AM – 5PM
\$15.50 Adults
(215) 448-1200

Academy of Natural Sciences

Includes four floors of exhibitions and activities centering on the environment and its diverse species that will educate and entertain visitors of all ages. Pet a snake or hissing cockroach, learn about the importance of water, and much more.

19th Street and Benjamin Franklin Parkway
Mon-Fri, 10:00AM – 4:30PM; Sat-Sun, 10:00AM – 5:00PM
\$12 Adults; \$10 College Students with ID
(215) 299-1000

National Museum of American Jewish History

The only museum dedicated to chronicling the American Jewish experience, newly constructed - opened Fall 2010

101 South independence Mall East
Tue-Fri 10AM-5PM; Sat-Sun 10AM-5:30PM
\$12 Adults
(215) 923-3811

Independence Seaport Museum

The museum focuses on the maritime history of the Port of Philadelphia and the Delaware River. See also Admiral Dewey's flagship cruiser USS Olympia and WWII submarine USS Becuna.

211 S. Columbus Boulevard (Penn's Landing).
Daily, 10:00AM – 5:00PM
\$12 Adults; \$7 College Students with ID
(215) 413-8655

Philadelphia Zoo

America's first zoo is home to more than 1,800 animals. Dedicated to conservation, education and recreation, the zoo offers a wide range of wildlife experiences.

3400 W. Girard Avenue
Daily, 9:30AM – 4:00PM
\$14 Adults
(215) 243-1100

Presenter Bios

Benjamin S. Abella, MD, MPhil, FACEP

Dr. Abella is the Clinical Research Director of the Center for Resuscitation Science and an Assistant Professor of Emergency Medicine at the University of Pennsylvania. He attended Johns Hopkins School of Medicine and then completed dual residencies in both Internal Medicine and Emergency Medicine at the University of Chicago. His current research, funded by the NIH, AHA and the Doris Duke Foundation, focuses on cardiac arrest clinical investigation, including approaches to improve care for patients after initial resuscitation.

Benjamin N. Abo, NREMT-P

Benjamin Abo is a former coordinator of Education and International Emergency Medicine at the Center for Emergency Medicine at the University of Pittsburgh. A graduate of University of Pittsburgh with a degree in Emergency Medicine, he is currently a DO/MPH candidate at Touro University College of Osteopathic Medicine - California. Ben has 14 years of international emergency medicine / EMS experience and remains active in research, education, speaking engagements, consulting, and the PA-1 National Disaster Medical Assistance Team (DMAT) despite his medical school workload. His strong interest in international emergency medicine will eventually lead him to a career as an Emergency Medicine physician. Ben's yearning to assure sustainability and momentum of certain projects and mission trips helped him decide to delay applying for residencies and extend his final year of medical school. He founded and is acting president of URGENT, a nonprofit group dedicated to improving emergency care and training in underserved areas of developing countries.

Leslie G. Barta, MPA, NREMT-P

Les Barta is a Lieutenant for Rutgers University Emergency Services and is assigned to manage the Training Bureau. He received a BS degree in Biology from Rutgers University and a Master's of Public Administration degree specialized in Public Safety Management & Leadership from Walden University. He has worked in the emergency services field for 16 years in a variety of positions including career firefighter/fire inspector, paramedic, and holds numerous certifications in all areas of fire/rescue, EMS, and hazardous materials. He is currently the director of a pilot EMT program for the new national curriculum implementation in New Jersey that includes a hybrid learning approach.

Darrin M. Batty, AEMT-P, CIC, NCEE

Darrin Batty is a 23 year veteran paramedic, firefighter, and EMS educator in the Greater Rochester NY area. He currently serves as EMS Program Director for Rochester Fire Department and Executive Deputy EMS Coordinator for Monroe County who has expertise in hazardous materials, WMD, and explosives. Mr. Batty has been an active EMS educator for over 15 years and most recently a Nationally Certified EMS Educator, who also serves on several National and Regional EMS councils and committees working to effect positive systems changes to improve training and education for all levels of EMS provider.

Everitt Binns, PhD

Dr. Binns serves as the Executive Director/CEO of the Eastern Pennsylvania Emergency Medical Services Council. He is a nationally recognized management expert, educational consultant and organizational leadership specialist to corporations, hospitals, higher education, and emergency service organizations. Additionally, Dr. Binns has over 40 years

experience in emergency services, and has been the Incident Commander/Manager for the initial PA EMS Strike Team Deployments to hurricane Katrina and Gustov. Prior to his appointment as Executive Director of the Eastern Region, Dr. Binns served as Dean of Students at The Pennsylvania State University. He received his BA in history and MED in counseling from The Pennsylvania State University and his PhD in organizational leadership, curriculum and instruction from the University of Pennsylvania.

Carl Bittenbender, MS, NREMT-P, FP-C

Carl Bittenbender has more than 13-years experience as a firefighter/medical provider. He has been teaching various fire and EMS related topics for more than 9 years and teaches for three local emergency services training agencies. Currently, Carl is employed as a Lieutenant with Evesham Fire-Rescue located in southern New Jersey (Philadelphia suburbs). He is also employed by Virtua Health System as a paramedic. He holds a Master of Science in Public Safety Administration and is nationally-certified as a fire officer and fire instructor and is a state-certified EMS instructor.

J Aidan Boswick

Aidan Boswick is a Simulation Education Consultant with SiTEL of MedStar Health. He is responsible for coordinating the education components of all surgical simulation for MedStar Health. He graduated from Georgetown University in 2009 with a BA in physics and Russian. He is the former president of Georgetown Emergency Response Medical Service (GERMS).

H. Bucky Buchanan

Bucky Buchanan has been involved in EMS and Emergency Management for over 25 years. He is the President & Senior Instructor with RVESQUE, LLC, an Emergency Services Training & Educational company based in North Branch, NJ. Mr. Buchanan has responded to many large scale incidents, and has been part of the management team for incidents such as the Hurricane Floyd response in Central NJ, the attacks on the World Trade Center working in both Manhattan as well as the NJ Disaster Recovery Center, the US Air Flight 1549 response in the Hudson River, and the "Christmas Winter Storm" in December 2010 in NYC & NJ. Positions he currently holds include being a member of the Incident Advance Team with the NJ EMS Task Force as the State's Staging & Accountability Officer, a Disaster Assistance Employee/Planning Specialist with FEMA Region II, and Chief of the Branchburg Rescue Squad in Somerset County NJ.

Joseph S. Bushra, MD, FAAEM

Dr. Bushra is an emergency medicine physician and Assistant Director of the Emergency Department at Lankenau Medical Center in suburban Philadelphia. He serves as a member of the volunteer EM faculty at Temple University and is the Associate Medical Director of the Volunteer Medical Service Corps of Lower Merion and Narberth. He received his medical degree from Jefferson Medical College and completed his emergency medicine residency at the Medical College of Pennsylvania.

Frank A. Caria, MPA, CHC, AEMT

Frank has been active in EMS for 15 years as both an ALS & BLS Provider and served more than 7 years as Rescue Officer for the Dix Hills F.D., NY. He developed Dix Hills' QA Program and revamped its CME system. While under his command, the organization received the NY State EMS Agency of the Year Award. He earned his Masters Degree in Public Administration

Presenter Bios

in 2003 and his National Certification in Healthcare Compliance in 2009. He obtained his BA from Muhlenberg College, PA, where he also served as the Founder and Captain of its EMS program. He is currently employed as the Compliance Officer for the South Shore Association for Independent Living, in Nassau County, NY where he oversees its Compliance Program and Quality Assurance Department.

David S. Carson, MA, DRE, NJEMT-B

David Carson is a police officer serving with the Raritan Township Police Department (NJ). David has 13-years of patrol experience, focusing on DWI detection and enforcement. He has assisted in the successful prosecution of over 200 drunk and drugged drivers. David's formal involvement in EMS began as an undergraduate at Bucknell University, from which he graduated in 1996. David and NCEMSF President, George Koenig, were freshman roommates. We can thank David for introducing George to the idea of riding with an ambulance corps. David volunteers with the Green Knoll Rescue Squad in Bridgewater, NJ and received his Master of Public Administration from Fairleigh Dickinson University in 2004.

John Casey, EMT-B

John was the Director of Field Operations for UMass Lowell EMS from 2007-2010. He is currently the Assistant Operations Manager for a private 911 provider responsible for five cities in Massachusetts and New Hampshire. John has extensive experience as a clinical educator and has won many awards, including the 2010 NCEMSF Collegiate EMS Provider of the Year.

Angela Cirilli, MD, RDMS

Angela Cirilli is an Emergency Physician practicing at North Shore University and Long Island Jewish Hospitals in New York. After graduating with a medical degree from the Medical College of Wisconsin, she completed an emergency medicine residency medicine at Henry Ford Hospital in Detroit, followed by an Ultrasound Fellowship at North Shore University Hospital.

Jon S. Cooper, EMT-P

Jon Cooper has been licensed as a paramedic for 36 years and spent the majority of that time as an urban Paramedic. He was with the Baltimore City Fire Department for 18 years. Jon currently is the Basic Life Support programs manager for the Howard Community College in Columbia Maryland.

Edward T. Dickinson, MD, FACEP, NREMT-P

Dr. Dickinson is an Associate Professor and Director of EMS Field Operations in the Department of Emergency Medicine at the University of Pennsylvania School of Medicine. He is a residency-trained, board-certified emergency medicine physician and Fellow of the American College of Emergency Physicians. He is Medical Director of several EMS services in Pennsylvania. Dr. Dickinson began his career in emergency services in 1979 as a firefighter-EMT in upstate New York. He has remained active in the fire service and EMS for over 30 years and frequently still rides with EMS units. He has served as medical editor for numerous Brady EMT-B and First Responder texts and is also the medical editor of JEMS.

Christian J. Ehrhardt

Christian Ehrhardt holds a BA in Government from St. Lawrence University, Canton, NY. While at St. Lawrence, Ehrhardt served as an EMT and Lieutenant of the University EMS program. As Lieutenant he focused his energy on developing productive interagency relationships and improving field training

curricula. Beyond the St. Lawrence community Ehrhardt volunteered his time to assist the St. Lawrence County Office of Emergency Services, Fire Investigation Team and served as an Explosives/WMD Countermeasures instructor for local and state law enforcement and fire agencies. Since 2007, Ehrhardt, has served as a Special Agent assigned to the United States Department of State, Diplomatic Security Service. Ehrhardt is a graduate of the National Outdoor Leadership School and has lectured at several universities on the topic of leadership in collegiate EMS. He speaks French and Spanish and has served in the Middle East and South America.

Fred Ellinger, Jr., NREMT-P

Fred Ellinger, Jr. has over 20 years of EMS operations, EMS management, instruction, firefighting and rescue experience. He is the owner/operator of SafeTec Training Services, a Pennsylvania Bureau of EMS approved continuing education sponsor and trainer for many healthcare agencies and corporations in the tri-state area. He is the Operations Chief of Clinton First Aid and Rescue Squad, Clinton, NJ and also serves as a flight paramedic for MidAtlantic MedEvac, Hahnemann University Hospital, Philadelphia, PA and is an original/active Medical Specialist with PA Urban Search and Rescue Response System's PA Company 2 and the Bucks County Technical Rescue Task Force.

Mark E. A. Escott, MD, MPH, FAAEM

Dr. Escott co-founded Rice University EMS in 1995. He completed his undergraduate degree at Rice University in 1996. He was the EMS Director and Adjunct Professor in Human Performance & Health Sciences at Rice from 1996 through 1999. He earned his medical degree from Flinders University in Adelaide, Australia and an MPH from the University of Texas Houston School of Public Health. He currently serves as Assistant Professor of Emergency Medicine and Assistant Director for EMS and Disaster Medicine at Baylor College of Medicine.

Joyce Foresman-Capuzzi, MSN, RN, EMT-P

Joyce Foresman-Capuzzi has been a paramedic and nurse for over 20 years. She is currently the Business Development Representative for the Temple Health System Transport Team and regularly teaches for a paramedic program. Her clinical interests are in pediatrics and forensics.

Mark Forgues, MEd, EMT-P

Mark Forgues is Director of Medical Resources Group, LLC, an EMS consultation company, as well as American Heart Association National and International Faculty. He is also the technical director for Massachusetts Institute of Technology EMS. His over 25-year career in EMS has included experience in Massachusetts, Maine, and New Hampshire. He holds a masters degree in education from Fitchburg State College, and is a certified teacher. He is highly active in the EMS education community, regularly teaching EMT-Intermediate, paramedic, BLS, BTLs, PALS, and ACLS classes.

Eric M. Garrison, MAEd, MSc, DLSHTM, CSC

Though Eric Marlowe Garrison has been invited to address NCEMSF conferences since 2004, his ties to emergency services go back more than one hundred years. His great-grandfather held concurrent positions as a fire and police chief in Radford, VA, and Eric's grandfather helped build the first steel fire engine in the same town. In the areas of sexual assault and intimate partner violence prevention, Eric has devoted two

Presenter Bios

decades training EMS providers, police, firefighters, doctors, medical students, Greek Letter Organizations, and college athletic teams around the world – from Oxford, Mississippi, to Oxford University. As a consultant sexologist with international acclaim and a best-selling sexual advice book under his belt, Eric has also presented on sexuality and healthful relationships to countless universities with NCEMSF membership. Because of his outstanding reputation as a dynamic speaker and his consistently high evaluations with our attendees, we have invited Eric back for two more presentations on Saturday. If you see him around the hotel, please introduce yourself; he loves hearing from our members. You also can find out more about him or invite him to speak to your university and crew through www.ericmgarrison.com.

Erik S. Gaull

Erik Gaull is an independent consultant and educator specializing in public safety, homeland security, and corporate security. He is a Certified Emergency Manager®, a Certified Protection Professional®, a NREMT-P, a National Board on Fire Service Professional Qualifications-certified Fire Officer and Instructor, a HAZMAT technician, and a law enforcement officer. In addition to completing the Program for Senior Executives in State and Local Government at Harvard's Kennedy School of Government, Erik has a MBA and Master of Public Policy both from Georgetown University, and a BA in Urban Studies from Columbia University. Erik maintains appointments as an Adjunct Assistant Professor in the George Washington University Medical Center Department of Emergency Medicine and as an Adjunct Instructor at the National Fire Academy. In 2009, Erik was appointed to the U.S. Department of Homeland Security Science and Technology Directorate's First Responder Research, Development, Test and Evaluation Coordinating Working Group.

Kevin B. Gerold, DO, JD, MA(Ed)

Dr. Gerold is an Assistant Professor of Anesthesiology and Critical Care Medicine at the Johns Hopkins School of Medicine. He is the Administrative Director of Critical Care Medicine in the Department of Anesthesiology at the Johns Hopkins Bayview Medical Center and the Clinical Director of Critical Care Medicine at the Johns Hopkins Burn Center. Prior to his tenure at the Hopkins, Dr. Gerold was an Assistant Professor at the University Of Maryland School Of Medicine and was an attending physician in Anesthesiology and Critical Care Medicine at the R Adams Cowley Shock Trauma Center. After graduating from law school in 2000, he left clinical medicine for a time to serve as the Medical Officer and Deputy Director for the Program Integrity Group, Office of Financial Management, Centers for Medicare and Medicaid Services. Since beginning his medical career as an EMT and throughout his career as a physician, Dr. Gerold has been engaged actively in teaching and providing emergency medical and trauma care. He is the Program Medical Director and Tactical Physician for the Tactical Medical Unit within the Maryland State Police's Special Operations Command and is the Acting Medical Director for the Diplomatic Security Service, Department of State.

John E. Gillespie, MS, CFC, NREMT

John graduated from Villanova University in 1992 with a BA in Sociology and Minor in Business Management. He holds a Master of Science degree in Public Safety Management from Saint Joseph's University. While at Villanova he was one of the founding members of Villanova Emergency Medical Service (VEMS), served a few years as the Operations Specialist, and

has been the Staff Advisor for the last 3 years. John is currently employed as the Communications Coordinator for PennSTAR Flight, the aeromedical service of the Hospital of the University of Pennsylvania. He is also the EMS Chief of the Radnor Fire Company Ambulance (Wayne, PA) and has been an active firefighter/EMT there for over 15 years. In addition, John is an IPMBA Instructor, PA state certified fire instructor and a member of the Montgomery County Urban Search and Rescue Team and Incident Support Management Team.

Patrick Gomella, MPH, NREMT-P

Patrick Gomella has over 10 years of emergency services experience. He started with Inland Search and Rescue and obtained EMT-B and fire fighter certifications shortly after joining the Concordville Fire and Protective Association in southeastern PA. He has been an active member of Concordville since 2002 and served as EMS Captain in 2008. While attending Penn State University, he was a member of the University Ambulance Service holding various leadership positions including Company Supervisor. Even after graduation, he still returns to Beaver Stadium to work EMS on game days whenever possible. Patrick obtained his paramedic certification while completing a Master's degree in Public Health at Thomas Jefferson University. During his MPH training, he interned with the Bioterrorism and Public Health Preparedness Program at the Philadelphia Department of Public Health and helped with the city's emergency response to the 2009 novel H1N1 pandemic. He is currently a medical student at Jefferson Medical College and is the editor of the EMS Pocket Drug Guide, published by McGraw-Hill Medical.

Sam P. Gulino, MD

Dr. Sam Gulino has been the Chief Medical Examiner for the City and County of Philadelphia since April of 2008, prior to which he was Deputy Chief Medical Examiner in Hillsborough County (Tampa), Florida. Dr. Gulino is a native of Chicago and received his undergraduate and medical degrees from Northwestern University. He received his training in anatomic pathology at the Mayo Clinic in Rochester, Minnesota, and did his fellowship in forensic pathology at the Dade County Medical Examiner Department in Miami, Florida. He has conducted more than 5000 autopsies, has testified numerous times in criminal and civil cases, and has lectured extensively about forensic pathology and medicolegal death investigation.

Gary Hecker, RN, CCRN, EMT-B, CIC

Gary Hecker has over 25 years of experience in EMS, including paid and volunteer positions in the New York City 911 system. He has been involved in EMS education for over 23 years and is a Senior Instructor Coordinator. Gary also has 19 years of experience in Emergency and Critical Care Nursing. Presently, he is the Education Coordinator for Emergency and Critical Care Nursing at Kingsbrook Jewish Medical Center in Brooklyn, NY. He also serves as the Training Officer for the Lindenwood Volunteer Ambulance Corps in Ozone Park, NY. Gary has been a member of NCEMSF since 1997.

Alan Heckman, NREMT-P, NCEE

Alan has been involved in EMS for 15 years as an EMT, Paramedic, Educator, and Manager. He has a Bachelor's Degree in Education, focusing on Secondary Education and Communications from Kutztown University. Most recently, Alan served as the Administrator for the EMT and Paramedic Training Programs for Lehigh Carbon Community College and Lehigh Valley Hospital. Along with his EMS experience, Alan

Presenter Bios

worked as a public school teacher in Allentown, PA for 6 years. He has presented at numerous local, state, and national conferences. In addition to serving EMS as an educator, Alan has served as a lead and contributing author to numerous EMS textbooks for AAOS/Jones and Bartlett Publishing. He is a member of the Eastern Pennsylvania EMS Council, the National Association of EMT, and the National Association of EMS Educators. In addition, Alan has served on the Education Committee for the National Association of EMS Educators. He is currently finishing a Master's Degree in Physician Assistant Studies at DeSales University.

David S. Jaslow, MD, MPH, EMT-P, FAAEM

Dr. Jaslow is a board certified emergency medicine physician fellowship-trained in EMS and Disaster Medicine. He is the Chief of the Division of EMS, Operational Public Health and Disaster Medicine and Co-Medical Director of the Center for Special Operations Training within the Department of Emergency Medicine at the Albert Einstein Medical Center in Philadelphia. Dr. Jaslow is also the Medical Director and Lead Physician for the Pennsylvania Task Force-1 Urban Search and Rescue Team and an active firefighter/paramedic and EMS Medical Director in suburban Philadelphia. He currently serves as a Medical Editorial Consultant for EMS Magazine and as a member of the editorial board for Advanced Rescue Technology. He is a 1992 graduate of the Penn State-Jefferson Medical College 6-year Pre-Med/Med Program and was a former member of Penn State University Ambulance Service.

Robert Katzer, MD

Dr. Katzer completed his undergraduate studies at the University of California, Berkeley and received his MD from Temple University, School of Medicine. He is currently a senior resident in emergency medicine at the Georgetown University/Washington Hospital Center training program. He is the assistant medical director for Georgetown Emergency Response Medical Service, Georgetown University's collegiate EMS organization. His prehospital experience includes working with National Park Service EMS in a diverse set of environments from the Grand Canyon's South Rim to the National Mall in Washington DC. He will start his EMS fellowship this July at the University of California, Irvine.

Benjamin Lawner, DO

Dr. Lawner continues to chase ambulances and wax nostalgic over reruns of the original Emergency! TV show. He obtained his EMT certification in 1994 and completed Broward County Community College's paramedic program in 1997. Dr. Lawner was a founding member of the University of Florida's BLS rescue squad. He worked as a firefighter/paramedic with Alachua County Fire Rescue. Dr. Lawner's intensely rooted fear of burning buildings, fire, and suffocating smoke helped to solidify EMS interests. Ben is residency trained in emergency medicine and is currently completing a fellowship in prehospital medicine at the University of Maryland in Baltimore. Dr. Lawner is privileged to serve as the Deputy EMS Medical Director for the Baltimore City Fire Department and Medical Director for the EMT program at the Community College of Baltimore County.

Ron Lewis, NREMT-P

Capt. Ron Lewis is the commander of the Maryland State Police Special Operations Division, overseeing units that include SWAT, K-9, Search and Rescue, Incident Command and Control, Underwater Recovery, and Tactical Medicine. The majority of

his career with the Maryland State Police has been as a flight paramedic and he is a former assistant commander of the Aviation Command. Capt. Lewis has been actively involved in EMS for 35 years as a nationally registered paramedic since 1981. He was named the 1987 "Paramedic of the Year" in Norfolk, Virginia, and has twice received the Maryland "Star of Life" Award. One of the original flight paramedics for Nightingale Air Ambulance Service in Norfolk, VA, he holds a B.S. degree from the University of Maryland University College, is a graduate of the National Fire Academy EMS Command Management School, is on the EMS program teaching staff at Wor-Wic Community College, and is an EMS and ACLS instructor at Peninsula Regional Medical Center in Salisbury, MD.

Joshua Manfredo

Joshua Manfredo is an Emergency Management Specialist for the University of Rhode Island and Training Section Manager of the National Institute for Public Safety Research and Training. He also previously served as Deputy EMS Chief at URI. He is currently working on a project for course development for a FEMA/DHS approved-competitive training grant. He is a FEMA-trained instructor for Weapons of Mass Destruction and is also an instructor for Campus Community Emergency Response Teams and Building Design for Homeland Security.

Jennifer McCarthy, MAS, MICP

Jennifer McCarthy is the program director of the Freda and Robert N. Brown Paramedic Program at Union County College in New Jersey. Professor McCarthy has over 20 years of EMS experience, 17 years as a paramedic. During her tenure as program director, she has developed and expanded the program, including the addition of a state-of-the-art simulation lab. She is a graduate of Montclair State University, and holds a BS in Community Health Education. In 2005, she obtained a Master of Administrative Science specializing in Non-profit Administration from Fairleigh Dickinson University. In 2008, Jennifer was the recipient of the NJ Department of Health and Senior Services' "Outstanding EMS Educator" award. She is also a two-time recipient of the NJ MICU Program Administrator Association's "Paramedic Team Excellence" award.

Beth Ann McNeill, MS(c), EMT-B, CIC

Beth McNeill began her EMS endeavors in 1988 with Brighton Volunteer Ambulance (near Rochester, NY), where she served on the Board of Directors, operations staff, and several committees. She is still an active member of Brighton Volunteer Ambulance and currently practices as an EMT-B and field training officer. An EMS educator for NYS for more than 12 years, Beth is currently an Adjunct Assistant Professor at Monroe Community College, a member of NYS EMS Regional Faculty, and a member of National Association of EMS Educators. She has a BA from RIT and is a master's candidate in the Adult Education program at Buffalo State College.

Vincent Mosesso, Jr, MD, FACEP, EMT-P

Dr. Mosesso is a Professor of Emergency Medicine at the University of Pittsburgh School of Medicine and Medical Director of Prehospital Care Department at the University of Pittsburgh Medical Center. He serves as Associate Medical Director of the City of Pittsburgh Bureau of EMS and is one of the team emergency physicians for the Pittsburgh Steelers. Dr. Mosesso is the founder and Medical Director of the National Center for Early Defibrillation at the University of Pittsburgh. This evolved into an independent non-profit organization called the Sudden Cardiac Arrest Association based in

Presenter Bios

Washington, DC, for which he now serves on the Board of Directors and as Medical Director. He has served several terms on the American Heart Association's national basic life support subcommittee. Dr. Mosesso has focused much of his research in prehospital care and sudden cardiac arrest, including the role of police and first responders on the use of AEDs.

Joshua Moskovitz, MD, MPH

Joshua Moskovitz is a former Chief of the Stony Brook Volunteer Ambulance Corps and helped his group achieve NYS Agency of the Year. He is also the former chair of the 2002 NCEMSF Conference in Stony Brook and was an EMT for the NYC EMS system. He completed his residency training in Emergency Medicine at the University of Maryland Medical Center/Shock Trauma Center and has a Masters in Public Health in emergency response and disaster preparedness from the Johns Hopkins Bloomberg School of Public Health. He is a practicing Emergency Physician and Assistant Professor of Emergency Medicine at the Hofstra North Shore-LIJ School of Medicine.

William Murdock, EMT-I

Bill Murdock is the base manager of MedStar EMS in Worcester, Massachusetts. He started his career in 1986 and has worked as a firefighter, dispatcher, EMT Intermediate, supervisor, manager and has served the country in the United States Navy Reserve as a hospital corpsman. He is an administrator who still runs calls and treats patients as an EMT-I on a weekly basis. He currently serves on the MCI subcommittee of the Central Massachusetts EMS Council and is a past vice president of the International Association of EMTs and Paramedics. MedStar EMS provides 911 services to five of the largest colleges and universities in the greater Worcester area. Two of these universities have student run EMS squads that are supported by Bill and the Medstar EMS staff through motivation, encouragement and training.

Patricia J. Neal, AAS, EMT-P

Patricia Neal has been licensed as a paramedic and critical care paramedic for 12 years serving various roles, most recently as the Clinical Coordinator for the EMS Programs at the Howard Community College in Columbia, MD.

Ryan O'Halloran, MS, AEMT

Ryan O'Halloran is a graduate student at Georgetown University School of Medicine studying physiology and biophysics, pursuing his second Master's Degree. In 2010, Ryan received his first Master's Degree in health care policy and management from the Heinz School of Public Policy and Management of Carnegie Mellon University. He completed his undergraduate degree in Human Biology, Health, and Society at the College of Human Ecology of Cornell University in 2009. While at Cornell, Ryan served in various leadership roles of organizations including Director of Cornell University EMS. Ryan worked in the Intensive Cardiac Care Unit at Cayuga Medical Center in Ithaca throughout his undergraduate career. In Pittsburgh, he was employed by the UPMC Health System at Presbyterian University Hospital in the Neuro/Trauma Critical Care Unit, as well as serving as a Patient Safety Fellow for the Jewish Healthcare Foundation headquartered in the city. He has worked/volunteered as a CC-EMT for several organizations in Ithaca, in NYC area, and in the DC/Maryland area. Ryan is an aspiring physician and health administrator. Clinically, his interests are in critical care and emergency medicine. Administratively, he is most interested in emergency management, quality, and patient safety.

Timothy J. Perkins, EMT-P

Timothy Perkins is the EMS Systems Planner for the Virginia Office of MS in Richmond, VA. He has over 20 years of EMS Operations and Management experience in various EMS Systems in the eastern United States. He is a graduate of the Emergency Health Services Program at the University of Maryland Baltimore County, former EMS Manager at Syracuse University Ambulance, and has also authored several articles that have appeared in EMS trade publications.

Timothy Phalen

Tim has provided 12-lead education to over 45,000 providers in the U.S., Canada and overseas. He is known for his easy-to-understand approach, relaxed style, and audiences frequently state that they learned more about ECG's in one day of his class than they had in all the previous years. Tim was recognized by the American Heart Association in the 1997 ACLS Textbook, has written journal articles, authored The 12-lead ECG in Acute Myocardial Infarction and co-authored The 12-lead ECG in Acute Coronary Syndromes.

Mark E. Pinchalk, MS, EMT-P

Mark Pinchalk is a paramedic crew chief with the City of Pittsburgh EMS with over 23 years of experience as a prehospital field provider. He has an extensive background in special operations, research and education. Pinchalk is a Hazardous Material Technician for the City of Pittsburgh and Element leader of the Allegheny County Hazardous Materials Medical Response Team, a Medical Specialist with Pennsylvania Urban Search and Rescue Strike Team 1 and a Rescue Diver with Pittsburgh River Rescue. In addition, he is a bureau Training Officer and an Adjunct Instructor in the University of Pittsburgh Emergency Medicine Program.

Matthew Ricci, EMT-B

Matt Ricci was the Director of Operations for UMass Lowell EMS from 2007-2010. He has since moved to New York City to pursue a career in Emergency Management. He is currently on the team writing the Emergency Operations Plan for the new World Trade Center. Matt's work with emerging technologies streamlined campus EMS operations and is now being used toward new solutions in emergency management.

Gates Richards, MEd, WEMT-I

Gates Richards was a member of the Georgetown Emergency Medical Response Service in 1994 for the inaugural NCEMSF conference. Since then, he has worked in EMS and outdoor education across the country. He has been an EMT in Washington, DC; Seattle, WA; Pitkin, CO; and is currently an EMT-I in Lander, WY. He has worked with Search and Rescue teams in Gunnison County, CO and Fremont County, WY. He has been a wilderness instructor for Wilderness Ventures, The Overlake School and the National Outdoor Leadership School (NOLS) throughout the western US and Alaska. He is the Special Programs Manager and EMT Director for the Wilderness Medicine Institute of NOLS, and has been teaching wilderness medicine around the world since 1998.

Stephen L. Richey

Stephen was originally trained as an EMS provider and worked in the field for several years including serving as a clinical instructor. He then enlisted in the United States Air Force, where he was trained as a respiratory therapist and echocardiographer. After leaving the Air Force, he held several

Presenter Bios

varied jobs including practice as a respiratory therapist, a stint in sports radio, working at a funeral home and serving as a deputy coroner in Indiana. He has been active in injury prevention research, focusing on improving survivability of aircraft crashes since 2007. He currently works as a respiratory therapist in addition to his research activities and flies as a volunteer flight respiratory therapist with Grace on Wings, the only charity air ambulance in the United States.

Clay Richmond, NREMT-P

Clay Richmond began his EMS career 20 years ago at Franklin Pierce University where he served as Student Coordinator of the campus EMT Squad. After graduation, he worked for Baltimore City Fire Department as a paramedic and served as a Field Training Officer, Paramedic Instructor and was nominated several times for Paramedic of the Year. In 1997, he founded Special Events Medical Services after witnessing a preventable and tragic occurrence at an event. Since then Clay has been involved in over 3500 events, including the 2009 Presidential Inauguration. He recently published *Special Events Medical Services*, a text outlining the standard for providing emergent medical responses to mass gatherings and special events. In 2011, he is launching SEMSNation.com, which is an online learning community and technology company designed to help the EMS community stay on the cutting edge.

Stuart Rosenhaus, EMT-B, CIC

Stu Rosenhaus has been involved in campus and community EMS since taking his EMS Class at Brooklyn College in the early 1980's. As a member of Brooklyn College's group he rose through the ranks to become the chief-of-operations and was eventually hired by the squad to be its administrative director. Stu has been an EMS educator for over 20 years. He is a New York State certified instructor coordinator and a master instructor trainer with the American Safety and Health Institute (ASHI). Stu had a leadership role in New York State Association of College Emergency (NYS-ACES) and is currently working as an adjunct professor at Brooklyn College. When not involved in healthcare, Stu is a volunteer with Camp Haze, a one week summer camp for children who lost family in 9-11. Stu is a proud former recipient of the award of NCESMF's George J. Koenig Service Award.

Kevin R. Roth, DO, FACP

Dr. Roth is the Assistant Director of the emergency department at Lehigh Valley Hospital - Muhlenberg and the Director of Emergency Medicine Ultrasound for the Lehigh Valley Health Network. He routinely lectures nationally on Emergency Medicine Ultrasound. He is a teaching fellow of the American College of Emergency Physicians and Clinical Assistant Professor in the Department of Emergency Medicine at Penn State College of Medicine and Philadelphia College of Osteopathic Medicine.

Ronald N. Roth, MD, FACEP

Dr. Roth is a professor in the Department of Emergency Medicine at the University of Pittsburgh School of Medicine and Chief of the Division of EMS. He is the Director of the EMS Fellowship at the University of Pittsburgh. Dr. Roth has served as the Medical Director for the City of Pittsburgh Department of Public Safety and the Allegheny County Emergency Operations Center (911) since 2001. He was a member of the Health and Medical subcommittee for the recent G20 summit held in Pittsburgh. He serves as a team physician for the Pittsburgh Steelers. Dr. Roth was the project co-medical

director for the EMT-I, EMT-P National Standard Curriculum revision project in 1998. He was named Pennsylvania EMS physician of the year in 2005 by the Pennsylvania Emergency Health Services Council and Collegiate EMS Advisor of the Year 2008-2009 - he serves as faculty advisor for the University of Pittsburgh Student Emergency Medical Services Initiative. During his undergraduate education at Penn State, he attended the first University sponsored EMT course and was a member of the University Ambulance Service.

John Roussis, NREMT-P, FP-C

John Roussis has spent over 18 years in the EMS field. He started his career as an EMT in 1993 and then received additional training to become an NREMT-P, Certified Flight Paramedic, and Certified Medical Transport Executive. He has served in multiple positions at Thomas Jefferson University Hospital, and currently is the hospital's Communication Center Manager and the Outreach Coordinator for JeffSTAT, the hospital's air and ground transport service.

Frank Sabatino, MD

Frank Sabatino completed residency training in emergency medicine at Synergy Medical Education Alliance at Michigan State University College of Human Medicine. He is a Clinical Instructor and practicing emergency medicine physician at North Shore-Long Island Jewish Medical Center.

Joseph Schili, NREMT-P, FP-C

Joe has over 19 years experience in emergency services in which he has operated as a police officer, tactical paramedic, flight paramedic, firefighter and urban search and rescue. He currently serves as a captain with the Gloucester City Fire Department where he is assigned to Squad Company 51. Additionally, he is a flight paramedic with the New Jersey State Air Medical Program (SouthSTAR) and Search Team Manager with New Jersey Task Force 1, New Jersey's urban search and rescue team.

Gregory J. Skinner, EMT-B

Chief Gregory Skinner has been with the Peapack & Gladstone Police Department since 1987. He was promoted to his present position in May 2003. During his career he has served as a hostage negotiator and combat EMT for the Somerset County Emergency Response Team. Chief Skinner began his career in emergency services while in college as a member of the Peapack & Gladstone First Aid Squad in 1984 where he continues to serve. He is also an active volunteer firefighter and serves as a Captain with the Peapack & Gladstone Fire Department. Chief Skinner attended Villanova University and earned a BA in political science. He is also a US Navy veteran with two deployments to the Persian Gulf supporting Operation Southern Watch and Operation Enduring Freedom with a small boat force protection unit.

Ryan Stark, JD

Ryan Stark is an attorney with Page Wolfberg & Wirth, LLC, the National EMS Industry Law Firm. Ryan handles a vast array of legal matters from employment issues to liability concerns. In addition, Ryan is responsible for developing content for the firm's educational materials and has authored several articles and compliance publications for the EMS industry. Ryan is a 2007 graduate of Widener University School of Law, and Indiana University of Pennsylvania where he majored in Psychology and Political Science. Ryan also clerked for the PA Department of Health, and the Department of Public Welfare,

Presenter Bios

where he participated in implementing many health policy initiatives. Before that, Ryan worked for a nonprofit hospital concentrating his efforts on healthcare compliance issues. During law school, Ryan was a member of the Moot Court and Trial Advocacy honor societies. He is currently an active member of the Big Brothers Big Sisters program.

Graig "Giddy" Straus, BSN, RN, CEN, FF/EMT

Graig "Giddy" Straus is a RN working in the ER at Montefiore Medical Center in The Bronx, NY. He is an active FF/EMT with the Monsey Fire Department and Spring Hill Community Ambulance Corps and has over 12 years of EMS experience. He has been involved with NCEMSF since 2002, when he assisted with the planning of the 9th annual NCEMSF Conference. He is currently pursuing his MSN as a Nurse Practitioner in Emergency Medicine at University of Medicine and Dentistry of NJ's School of Nursing.

Alvin Wang, DO

Alvin Wang is Assistant Professor of Emergency Medicine at Temple University School of Medicine. Alvin has extensive experience in urban, suburban, and rural EMS as a ground and flight paramedic. He is an active EMS physician and medical director for various 911 agencies. His areas of professional interest include critical care ground and air medical transport, tactical/austere medicine, difficult airway management, and resuscitation science. Dr. Wang holds membership in the American Academy of Emergency Medicine and the National Association of EMS Physicians.

Michael S. Weinstein, MD, FACS

Dr. Weinstein is an Assistant Professor of Surgery in the Division of Acute Care Surgery at Jefferson Medical College and Thomas Jefferson University Hospital - the Delaware Valley's Regional Resource Spinal Cord injury Center and a Level I Trauma Center. He is the Medical Director of the surgical intensive care units. Dr. Weinstein obtained his MD and completed residency and fellowship training all at Jefferson.

Ian Weston

Brining over 12 years of EMS experience, Ian Weston serves as the Director of the Emergency Medical Services for Children Program house at Children's National Medical Center. Previously, Ian spent 6 years in the health policy arena serving as the Senior Director of Government Affairs & Policy for a health care lobbying and policy firm and a health policy advisor to U.S. Congressman John Sweeney (R-NY). Ian has been a volunteer Firefighter and EMT for the Manhasset-Lakeville Fire Department in Long Island, NY since 1999 and

also serves with the Falls Church Volunteer Fire Department in Arlington, VA. Ian holds a Masters Degree in Public Policy (Global Medical and Health Policy) from George Mason University and received his Bachelor of Arts in Public Policy & Political Science from Syracuse University, where he served 4 years with Syracuse University Ambulance.

James Wilmerding, MS, MEd, EMT-P

Jim began his 25 year education career as a Middle School classroom teacher and continued on as a teaching principal at numerous elementary schools across the South and Northeast US. In 1993, Jim and his family moved year-round to an island off the coast of Maine where he remains active in a variety of educational endeavors. Besides developing educational components for Internet projects, he serves as a Search Associate for a national teacher recruitment, placement and executive search firm. He also assists non-profit organizations in Development efforts and fund raising initiatives. In his spare time, Jim is an active Advanced Life Support certified Emergency Medical Technician licensed at both the state and national levels. He volunteers for a number of rescue services serving his community. He is also a member of the American Red Cross National Disaster Services Human Resources System and is frequently called upon to respond to national disasters around the country.

Gerald C. Wydro, MD

Dr. Wydro's EMS career began in 1986 when he joined the Pennndel Middletown Emergency Squad completing his EMT training later that year. He has volunteered thousands of hours on the ambulance as well as administratively at Penndel and is currently a PA Certified Health Professional. He continues to provide care on the ambulance at Penndel Middletown also serving as the ALS Service Medical Director for the service. He graduated from Temple University School of Medicine in 1994 and then went on to complete an Emergency Medicine residency at Medical College of Pennsylvania in 1997. He also completed a one-year fellowship in EMS Administration at MCP. Dr. Wydro is a Clinical Associate Professor Emergency Medicine and currently serves as the EMS Division Chief at Temple University School of Medicine as well as the Program Director for the Temple Transport Team. He is currently the Regional Medical Director for Bucks County Emergency Health Services and sits on the PEHSC Commonwealth of Pennsylvania Medical Advisory Committee.

IN MEMORIAM

John P. Pryor, MD, FACS, MAJ, MC, USAR

Dr. Pryor, a great friend and mentor to NCEMSF, was killed by enemy fire in Iraq on Christmas morning 2008. He was serving his second tour as a combat surgeon with the United States Army. His passion for EMS was cultivated during his undergraduate years at Binghamton University through his involvement with Harpur's Ferry Student Volunteer Ambulance Service. His involvement continued not only through repeated lectures and key note addresses at NCEMSF Conferences, but as an advocate for campus EMS. He was instrumental in the development of the student-run medical emergency response team at the University of Pennsylvania.

Dr. Pryor was a trauma-critical care surgeon at the University of Pennsylvania and the Trauma Program Director for the Trauma Center at Penn. He was an outstanding role model, a gifted teacher, and a talented surgeon. His sudden death, while serving our country as a physician on the battlefield, is a tremendous loss to the collegiate EMS and trauma communities.



Richard W. Vomacka Student Speakers

Vamsi Aribindi

Vamsi Aribindi is a junior at MIT majoring in Aerospace Engineering. He has served with MIT EMS as an EMT-Basic for two years. In addition to putting an inordinate amount of time into the service, he has done research into Hall Effect Electric Ion Thrusters, and worked on the Multifunction Advanced DataLink module for the F-35 Joint Strike Fighter at MIT Lincoln Laboratories. Vamsi has also served as House Manager for his living group, worked in primary care as a Doctor's Assistant, and competed in Parliamentary Debate.

Daniel J. Johnson

Dan is a second generation EMT who began his EMS career in 2006 with a volunteer squad in his hometown of Westfield, NJ. He started with Penn State EMS during the spring of his freshman year and has progressed through the service. Currently, he is the Operations Officer, Quality Improvement Committee Chair and an assistant EMS Instructor for Penn State's EMS training program. Dan expects to graduate from Penn State in May with a degree in Biology. Additionally, he is enrolled in the paramedic program at Memorial Medical Center in Johnstown, PA and will receive his NREMT-P certification in August of 2011.

Allison Levin

Allie Levin is a sophomore at Columbia University majoring in Neuroscience and Behavior with a concentration in Human Rights. Allie is the Captain of Columbia University Emergency Medical Services, and has been an EMT-B and CPR instructor since she was 16. In addition to her collegiate EMS career, Allie serves as a Crew Chief and Probationary Training Officer on the Teaneck Volunteer Ambulance Corps. In high school, Allie worked in Columbia's Substance Abuse Research Center and researched the physiological effects and toxicity of methamphetamine vs. ecstasy. Currently, Allie works for Columbia's Heart Transplant Team, and conducts research on patients who receive mechanical heart support or transplants. Allie is passionate about CPR awareness, and is a BLS Training Center Faculty member of the AHA.

Zachary Wilmer Reichenbach

Zachary's first exposure to EMS came from the times he would steal his brother's EMT textbook. During high school, Zachary volunteered as a First Responder and then an EMT at Cetrionia Ambulance Corps in Allentown, PA. Zach attended Temple University as a Medical Scholar and graduated with a degree in Biology with Distinction in the Major in 2007. During his time at Temple University, Zachary helped found Temple University Emergency Medical Services. After graduation Zachary stayed at Temple University to pursue a dual MD/PhD degree. Currently Zachary is working on the graduate portion of the program in the Department of Cellular and Molecular Physiology. His research interests focus on the use of cannabinoid agents in cerebral ischemia and their ability to ameliorate the effects of stroke. He also remains active in TUEMS and serves as the Director of the program overseeing day to day operations and long term planning and development.

Greig Samuelson

Greig Samuelson is a senior at the College of Charleston and is majoring in business administration. He has been a member of the College of Charleston EMS since 2004, and has served as the Chief of Operations and Director of Emergency Medical Services. After taking time off from the College of Charleston to attend paramedic school, he has returned to complete his last semester and is currently serving as a shift supervisor and the CPR Training Coordinator.

Becky Schwartzman

Becky Schwartzman is a junior at SUNY Cortland, and the current Captain of SUNY Cortland EMS, as well as a Student Athletic Trainer. She has held an EMT-B card since 2009, and has been a member of Katonah-Bedford Hills Volunteer Ambulance Corps since 2007. Becky enjoys saving lives and long walks on the beach.



NCEMSF Leadership Bios

NCEMSF EXECUTIVE BOARD

George J. Koenig, Jr, DO

George Koenig, NCEMSF President, is an Assistant Professor of Surgery in the Division of Acute Care Surgery at Jefferson Medical College and Thomas Jefferson University Hospital. He completed a surgical critical care fellowship at The Johns Hopkins Hospital in 2010. Prior to that, he did his general surgery residency training at the Mercy Catholic Medical Center in Philadelphia. He earned his DO from The Philadelphia College of Osteopathic Medicine (PCOM) in 2003. He also holds a Masters degree in Biomedical Science from PCOM. In 1996, he graduated from Bucknell University with a degree in Biology and Chemistry. While attending college, he was active with Bucknell's quick response group. He served as President of the Bucknell Emergency Response Team from 1994 to 1996. Dedicated to the advancement of collegiate EMS, he became involved with NCEMSF in 1993 at the first annual conference held at Georgetown University. He served as Vice-Chairman of the Constitutional Committee and Temporary Governing Board from 1995 to 1996. He has served as President since 1996.

Scott C. Savett, PhD

Scott Savett, NCEMSF Vice President, Webmaster, and Chief Technology Officer, has been involved in collegiate EMS since 1991. His EMS career started at Ursinus College (Collegeville, PA) where he was one of the founders of its EMS response group, Student Emergency Response Volunteers (SERV). Scott received his BS in chemistry in 1994 and immediately enrolled in graduate school at Indiana University-Bloomington. In 1994, Scott founded IU-EMS, an organization dedicated to providing comprehensive pre-hospital education and service. Scott transferred to Clemson University (Clemson, SC) in 1995 to continue his graduate studies in chemistry. He was an active volunteer with the Clemson University FD and EMS, eventually upgrading his level of training to NREMT-I and becoming cross-trained in the fire service. In May 2000, Scott received a PhD in analytical chemistry from Clemson University. Professionally Scott is a senior implementation analyst with the Informatics section of the Scientific Instruments Division of Thermo Fisher Scientific, the leading supplier of Laboratory Information Management System (LIMS) to the pharmaceutical industry. Scott is currently an EMT-Basic in the Commonwealth of Pennsylvania. He actively volunteers with Whitemarsh Ambulance in the Philadelphia suburbs and serves on the board of trustees of that organization.

Joshua A. Marks, MD

Joshua Marks, NCEMSF Secretary, is a research fellow in the Division of Traumatology, Emergency Surgery and Surgical Critical Care at the Hospital of the University of Pennsylvania. He is also a senior general surgery resident at Thomas Jefferson University Hospital. He received his MD from Jefferson Medical College in June 2007, and his BA in Economics in May 2003 from Columbia University. He has been involved with EMS since 1998 as a member of the Volunteer Medical Service Corps of Lower Merion and Narberth (VMSC). Joshua sits on VMSC's Board of Directors and currently serves as Treasurer. He has served as the Corps' Secretary, Membership Chair, and BLS Training Coordinator. While at Columbia, Joshua served as the Chief Medical Officer and Executive Director of Columbia University EMS. Joshua became involved with NCEMSF in 2000. He served for three years as the Foundation's first National Coordinator from 2001 to 2004 before being elected to the Executive Board. Joshua is the

2003 NCEMSF Collegiate Provider of the Year Award as well as the 2003 recipient of the American College Health Association's Lewis Barbato Award.

Michael S. Wiederhold, MD, MPH

Michael Wiederhold, NCEMSF Treasurer, is a healthcare administrator. He completed his pediatric residency at the University of Tennessee Health Science Center in Memphis. He obtained his MD from the University of Arkansas for Medical Sciences. He received his Master of Public Health from Tulane University and his Master of Science in Emergency Health from the University of Maryland, Baltimore County. He earned his undergraduate degree from Emory University, majoring in psychology. Michael has been involved in collegiate EMS since 1996. While at Emory, Michael volunteered as an NREMT-I with Emory EMS and also served as Vice-President of CPR @ Emory, an organization designed to provide low-cost CPR training to the community. He became involved with NCEMSF in 1998 as Director-at-Large. He has served as NCEMSF Secretary from 1999 to 2002 and has served as NCEMSF Treasurer since 2001.

Mark E. Milliron, MS, MPA

Mark Milliron, NCEMSF Director-at-Large, served as Chairman of the Constitution Committee and Temporary Governing Board during NCEMSF's formal organization in 1995, and as Treasurer from 1996 to 1999. He also serves as Collegiate EMS Coordinator for the National EMS Museum Foundation. His collegiate EMS service at Penn State has spanned three decades beginning as an EMT trainee while an undergraduate in 1983. Following service as a U.S. Naval Officer, he returned as a graduate student and served as a University Ambulance Service crewmember from 1989 to 2007. During 1993 he founded and served as President of the Penn State Student EMS Association, was Supervisor of University Ambulance Service from 1994 through 1995, and founded the Penn State EMS Alumni Interest Group in 1999 and served as its President to 2008. He is currently a volunteer Officer-in-Charge, Field Training Officer, and EMT Instructor with Centre LifeLink EMS in State College, is Administrative Coordinator and a search and rescue Field Team Leader with the Central Region Emergency Strike Team, Advisor of EMS Venturing Crew #325, and Commander of the Centre County Ambulance Association Honor Guard. He is a full-time faculty member in the Department of Health Policy and Administration at Penn State. He holds master's degrees in public administration and health policy and is continuing his education in the graduate program in Homeland Security in Public Health Preparedness through the Penn State College of Medicine.

Eric MaryEa, NREMT-P

Eric MaryEa, NCEMSF Director-At-Large, began working in healthcare at age sixteen as a volunteer physical therapy assistant at St. Charles Hospital and Rehabilitation Center on Long Island. During his freshman year at the University of Delaware, Eric became involved with the UD Emergency Care Unit and eventually served as the Director of Training and Captain/Coordinator. After graduating in 2003, Eric enrolled in the SUNY Stony Brook Paramedic Program and then worked as a paramedic with the New Castle County Police Department. Eric now works for the federal government and also practices as a paramedic in New York.

NCEMSF Leadership Bios

NCEMSF DIVISION COORDINATORS

Karolina A. Schabses, MPH

Karolina Schabses, NCEMSF Membership Coordinator, has been involved in campus EMS since 1995. While earning her bachelor's degree in biology and health at Cornell University, Karolina volunteered with Cornell University EMS. After she received her degree, she worked as a Critical Care EMT in Ithaca, NY. During and after her undergraduate education, Karolina resided at the Cayuga Heights Fire Department where she served in many roles including firefighter, advanced EMT, company treasurer, and CME evaluator. Karolina joined the NCEMSF Board in 1998 as Treasurer and has remained Membership Coordinator since 1999. Karolina holds a master's in public health in environmental and occupational health from the Rollins School of Public Health at Emory University. She has worked in both federal and state government as an epidemiologist specializing in infection control and environmental and occupational health research.

Michael T. Hilton, MD

Michael Hilton, NCEMSF National Coordinator, is an emergency medicine resident at the University of Pittsburgh-Affiliated Residency at UPMC in Pittsburgh, PA. He received his MD from the University of Pittsburgh School of Medicine in May 2009. He received his BA in History, focusing on American and Urban History in May 2005 from Columbia University. Michael serves as an EMS educator with the Center for Emergency Medicine of Western Pennsylvania for its paramedic and EMT classes, as a medical command prehospital physician with the City of Pittsburgh EMS and as a flight physician with STAT MedEvac. He is an assistant medical director of the Allegheny County HazMat Medical Response Team (HMMR Team) and of Fayette EMS, a large EMS system outside of Pittsburgh. He is currently researching the effectiveness of EMS personnel in a public health role with EmedHealth, a division of the Center for Emergency Medicine and the effectiveness of a stylette in simulated difficult intubations at the WISER Simulation Center. He has been a member of the Town of Mamaroneck Fire Department, Town of Mamaroneck/Village of Larchmont Volunteer Ambulance Corps, and Columbia University EMS (CUEMS) where he served as the FAST Training Program Coordinator and Captain. He is a co-author of *Physical Illness and Drugs of Abuse*, a book for public health and medical professionals. Michael became involved with NCEMSF in 2001. He served for four years as the New York Regional Coordinator before becoming National Coordinator.

Andrew S. Mener

Andrew Mener, NCEMSF Startup Coordinator, is a Doctor of Medicine candidate at The George Washington University School of Medicine and Health Sciences. Andrew received his BA with honors in Political Science from the University of Pennsylvania in 2007. He has been involved in EMS since 2001 as a member of Scarsdale Volunteer Ambulance Corps (Scarsdale, NY) and VMSC of Lower Merion and Narberth (Ardmore, PA) where he served on the Membership Committee and as a BLS Trainer. During 2005, Andrew volunteered in Israel for Magen David Adom Basic and MICU ambulances and participated in an international disaster preparedness training exercise organized by the Israeli government. While at Penn, Andrew founded the Penn Medical Emergency Response Team (MERT). Andrew is the 2006 recipient of the Robert A. Fox Leadership Award for his commitment to "entrepreneurial, civic-minded, public spirited leadership" and his dedication to

collegiate EMS at Penn. He is also the recipient of the 2007 NCEMSF Collegiate Provider of the Year Award.

Joshua E. Glick

Josh Glick, NCEMSF Alumni Coordinator, is a Doctor of Medicine Candidate at the Penn State College of Medicine. He received his BA in Biological Basis of Behavior and Modern Middle Eastern Studies from the University of Pennsylvania in 2010. While at Penn, Josh began his involvement with EMS as a member of the Penn Medical Emergency Response Team, ultimately serving as the organization's Training Lieutenant and Chief. He has also served with Llanerch Fire Company as an EMT and has worked as a technician in the Emergency Department at the Hospital of the University of Pennsylvania.

Shad U. Ahmed

Shad Ahmed, NCEMSF Disaster Preparedness Coordinator, is the Director of the National Institute for Public Safety Research and Training and Chief of EMS and Emergency Management Coordinator for the University of Rhode Island. He is Principal Investigator on over \$2M in concurrent federal research and other grant projects, including a project to develop an official DHS FEMA national series of courses for emergency and mass evacuation planning for institutions of higher education. Shad is on the Editorial Advisory Board for College Planning and Management and Campus Safety and has published articles in national periodicals in public safety and emergency management. He is a FEMA-trained instructor in the National Incident Command System and various other topics such as Weapons of Mass Destruction. He was awarded a citation by the Rhode Island Board of Governors for Higher Education in 2003. He serves as Vice President of the Board of Directors for the Greater Washington County Regional EMS Council.

Jennifer D. Siegel

Jennifer Siegel, NCEMSF Hotel Liaison, began her involvement in EMS in 1998. She attended Texas A&M University where she worked as an EMT for TAMU EMS and Care Team. After graduating in 2002, she moved to Philadelphia and started a career in hospitality management working for luxury hotels as a sales manager and customer service lecturer. Jennifer's experience allowed her role within the organization to evolve into the Hotel Liaison, responsible for ensuring a seamless conference experience since 2004. Jennifer recently re-certified as an EMT and is transitioning back into student-life to pursue a career in nursing.

Timothy J. McMichael, NREMT-P

Tim McMichael, NCEMSF Information Technologist, is a 2001 graduate of Juniata College with a BS in Information Technology and Systems. He is employed by Microsoft Corporation as a Support Escalation Engineer working on the Exchange Server product. He became an EMT in 1999.

Douglas R. Buchan

Doug Buchan, NCEMSF Assistant Webmaster, began working in EMS five years ago. Doug founded the University of Iowa EMS in 2009 and developed the UIEMS website. He graduated in 2010 with a BA in Health Sciences and a Psychology Minor. He volunteered his services to help revamp the NCEMSF website. Doug will start nursing school in the Fall. He coordinated Haiti earthquake relief efforts in the Iowa City area and traveled to Haiti to provide medical care in February 2010.

NCEMSF Leadership Bios

NCEMSF REGIONAL COORDINATORS

Jeffrey J. Bilyk

Jeffrey Bilyk, NCEMSF Canada Regional Coordinator, is the founder and former Director of the University of Windsor Emergency Response Team. He has extensive experience in emergency services including working as an EMT-B in Michigan, with the UWindsor squad, as well as part-time ventures in ambulance and police communication centers. Jeff has also worked as a police officer for some years before returning to EMS in the province of Ontario. Jeff is a certified land and flight paramedic. Jeff also has experience in emergency planning and disaster management with the Canadian Red Cross. He also formed his own successful business that deals with both emergency training, emergency planning, and health and safety consulting. He has always been a strong advocate for campus based EMS in Canada.

Amy Berenbaum

Amy Berenbaum, NCEMSF Central Regional Coordinator, is a Master of Bioethics student at the University of Pennsylvania. She also works at the Leonard Davis Institute of Health Economics. Amy graduated from Penn in December 2010, a semester early, with a BA in Health and Societies, concentrating in Health Policy and Law. Amy plans to attend law school and pursue a career in health law. Amy was an EMT with Penn's Medical Emergency Response Team (MERT) for three years. She served as MERT's Special Projects Director and Fundraising/PR Coordinator for a total of three years. Amy, a native of Colorado, has also worked as an EMT at Elitch Gardens Theme Park in Denver for two summers.

Kathryn Kinzel

Kathryn Kinzel, NCEMSF Massachusetts Regional Coordinator, joined the Mount Holyoke Medical Emergency Response Team in February 2005 after completion of the squad-sponsored EMT-B class. She also is certified in her home state of Vermont, where she volunteered with the Montpelier Fire Department. Kathryn was elected Assistant Director of the Mount Holyoke MERT in 2006, and became Director in 2007. She was a teaching assistant for the EMT class for two years, and holds the all-time record for most hours worked for the squad. Kathryn graduated in 2008 with a Bachelors degree in Biology, earning high honors in the department. She lives in Boston, working as a research technologist at Massachusetts General Hospital, and teaching CPR and First Aid courses for the American Red Cross. In addition, she is working on a Master in Public Health degree at Boston University School of Public Health, concentrating in Epidemiology.

David Weand

David Weand, NCEMSF Mid-Atlantic Regional Coordinator, is an EMS Technician with the Fairfax County Fire & Rescue Department in Northern Virginia. He is certified as an EMT-I and Firefighter II. David began his career in EMS in 1996 with the Cedar Run Volunteer Rescue Squad in Fauquier, VA and the Vienna Volunteer Fire Department in Fairfax, VA. David continued his EMS education with the Virginia Tech Rescue Squad in Blacksburg, VA while attending Virginia Polytechnic Institute and State University. He was an active member of VTRS from 2000 through 2004. He volunteered as a driver and then as an AIC. He became certified as a Cardiac Technician and began providing care as an ALS provider in 2002 - both as a volunteer with VTRS and as a part-time employee with Regional EMS, Inc. in Pulaski, VA. He also served as the

Membership Committee chairman for a year, followed by two years as the Personnel Lieutenant and a member of the VTRS Executive Board. Upon graduating from Virginia Tech, David was honored with VTRS life membership status.

Joseph Grover

Joseph Grover, NCEMSF Midwest Regional Coordinator, is a Doctor of Medicine Candidate at the Case Western Reserve University School of Medicine. Joseph graduated magna cum laude with Bachelor of Arts degree in Biology and Political Science from Case Western Reserve University in 2007. He has worked in EMS since 1999, when he first became certified as a First Responder for a Boy Scout Explorer Post. He joined the Kensington Volunteer Fire Department (KVFD) in 2001, where he has recently attained the rank of Master Medical Attendant. In 2007, Joseph received the "EMS Member of the Year" award from KVFD. While an undergraduate at Case, Joseph co-founded CaseEMS. In 2007, Joseph organized Case's first ever Mass Casualty Incident Drill, which involved a number of community participants. While in medical school, Joseph has served as both the Vice-President and Co-President of the Emergency Medicine Interest Group.

Eric Pohl, NREMT-P

Eric Pohl, NCEMSF New York Regional Coordinator, was certified as an EMT during his first semester of college. He joined Columbia University EMS in 2004, holding the rank of Crew Chief upon graduation in 2007. After receiving his Bachelor of Science in Chemical Engineering, Eric started his ALS career. He obtained Paramedic certification through St. Vincent's Hospital - Institute of Emergency Care in New York City in August 2008. Eric currently works as a Hazardous Materials and Weapons of Mass Destruction Specialist for the elite Division of Emergency Response & Technical Assessment within the New York City Department of Environmental Protection. DEP DERTA has primary jurisdiction in managing most toxic chemical releases in the City of New York. Eric also continues his involvement with EMS as a paramedic, working the streets for the Jersey City Medical Center, where he provides ALS in a busy, urban 911 system.

Katie Egan

Katie Egan, NCEMSF North Central Regional Coordinator, is a nursing student at the University of Wisconsin- Madison. Katie became involved in EMS in 2006 while in high school when she joined her hometown department, the Hazel Green Area Rescue Squad, as an EMT-Basic. Katie founded the UWPB First Responders, which began operating as an event response team in 2009. Katie currently serves as director of the UWPB First Responders and has worked to advance the service level to a Basic / Non-transport service. In addition, Katie works as an Emergency Department Technician at the University of Wisconsin Hospital Emergency Department, runs as an EMT-Advanced with McFarland, WI EMS and serves on the WI South Central Regional Trauma Advisory Committee.

Yoni Litwok

Yoni Litwok, NCEMSF Northeast Regional Coordinator, graduated from Brandeis University in 2007 with a degree in Economics. Prior to graduation, he was Clinical Supervisor and Director of Operations of the Brandeis Emergency Medical Corps. After graduating he worked for an investment firm before deciding to pursue a career in medicine. Yoni completed his post-baccalaureate studies at Rutgers University and is now a medical student at New Jersey Medical School.

NCEMSF Leadership Bios

Stephen Lanieri

Stephen Lanieri, NCEMSF Northern New England Regional Coordinator, graduated from Daniel Webster College in 2008 with a BS in Aviation Management. He founded DWCEMS, a student-run and NH licensed EMS service. Steve held the position of Captain/President and continues as an Advisor. Steve began his EMS career at 16, volunteering as a cadet on the Branchburg Rescue Squad in his hometown in NJ. He has become certified in Swiftwater Rescue, Vehicle Extrication, Airplane/Helicopter Rescue, and ICS, and continues to serve on the rescue squad. Steve has also been a National Ski Patrolter since 2004 at Pats Peak Ski Area in Henniker, NH. Steve worked as a Communication Specialist with Boston MedFlight at Hanscom AFB in Bedford, MA, and now works at Logan International Airport in Boston as an air traffic controller.

Les Polk

Les Polk, NCEMSF Pennsylvania Regional Coordinator, has been involved in EMS since 2004. He graduated from Muhlenberg College in 2008, with a BS in Natural Science and a Minor in Music. He has completed graduate coursework in Biomedical Sciences at Philadelphia College of Osteopathic Medicine. He is furthering his EMS education at the Freda and Robert N. Brown Paramedic Program at Union County College in Plainfield, NJ. While at Muhlenberg, Les served as Infection Control Officer, Secretary, First Lieutenant, and Captain of Muhlenberg College EMS. He was named Most Improved Member in 2005, Member of the Year in 2006 and 2008, and Life Member in 2008. He serves as a Task Force member of the PA Emergency Health Services Council and on its EMS Education and the Clinical/Field Committees. He represents NCEMSF's interests as a Council Member of the PEHSC. Professionally, he is the Training and Quality Assurance Coordinator for the NJ Association of the Deaf-Blind, Inc., a private, non-profit, human services agency. He is a BLS Instructor for St. Clare's Health System in Dover, NJ and a BLS and PHTLS Instructor for Community Safety Consultants in Metuchen, NJ.

Noah H. Prince

Noah Prince, NCEMSF Southeast Regional Coordinator, is a medical student at the Eastern Virginia Medical School. After receiving his BS degree in Biology and Neuroscience in 2008 from Duke University, Noah completed his post-baccalaureate studies at Harvard University, and worked for the neurology department at Children's Hospital Boston. While at Duke, Noah was involved with research aimed at identifying pharmacological treatments for drug abuse. Noah began his EMS career as an EMT in 2004, volunteering for Duke University EMS and VMSC Lower Merion and Narberth. Noah worked at PRAMUS day camp as Medical Director, and in 2006 obtained NREMT-P certification. While at Duke, he also served as a paramedic for Person County EMS in NC.

Amanda Wong

Amanda Wong, NCEMSF West Regional Coordinator, joined Santa Clara University EMS as an EMT-B in 2008. Amanda was named Rookie of the Year 2008-2009. She was elected the Conduct Enforcement Officer for the 2009-2010 academic year. Amanda is working on two undergraduate degrees: bioengineering and biochemistry. She is also doing research in an organic chemistry lab at Santa Clara. After graduation this June, Amanda wants to pursue an MD/PhD.



Continuing Medical Education (CME) Credit Information

Get Continuing Education Credit for the lectures you attend!

Because the membership of NCEMSF comes from all across the country, it is exceedingly difficult and cost prohibitive to set up a system where credit can automatically be given for attending a lecture. However, we are able to provide assistance in obtaining credit for the workshop sessions:

- As you enter a workshop session, swipe your conference ID badge equipped with RFID tag (must have requested CME upon check-in to have received) across the RFID reader located by the doorway. The reader light and monitor indicator will turn green indicating that your ID has been read and captured. Skills labs and roundtables will use paper attendance sheets instead. Please make sure you sign-in.
- You must enter within the first 10 minutes of a lecture to receive credit (The RFID reader will turn off if time has expired).
- Fill out and turn in the conference evaluation form located in your conference folder at the end of the conference at the conference registration table.
- Following the conference, visit <http://www.ncemsf.org/> to download your CME report. An email will be sent once this utility is available. Please allow up to three weeks post-conference for information processing.
- Click on the CME link under the conference heading and enter your NCEMSF username and password.
- The NCEMSF server will generate and display a personalized PDF file with the sessions you attended including lecture topic, speaker, and duration.
- Print out the PDF document, sign, and submit it along with any other necessary identifiers (address, certification number, date of birth, etc.) to your state's EMS regulatory agency for **credit by endorsement**. Some states may require a copy of this conference program or other information as well.



You see
your future.
We see a
physician.

Matthew Dashnaw, MD '09
Neurosurgery Resident

- Ross University has graduated over 7,700 successful physicians who are practicing in all 50 States, Canada and Puerto Rico.
- We place more graduates into US residencies annually than any school in the world.
- All clinical rotations at US teaching hospitals.
- Eligible Ross students receive US federal loans.
- 98% of students are residents of the US or Canada.

Visit us at the
Healthcare Education
and Career Fair.

RossU.edu or call
877-ROSS-EDU (877-767-7338)

Medical School
Dominica

Administrative Offices
North Brunswick, NJ



**ROSS
UNIVERSITY**

EST. 1978

SCHOOL OF MEDICINE

THiNK **PCOM**



Graduate Programs Open House
April 1st • 6 – 8 PM • Evans Hall



800.999.6998 • pcom.edu • 215.871.6700
4170 CITY AVENUE, PHILADELPHIA, PA 19131



Join us!



Subscribe to our
PCOMeducation channel

Notes:

Schedule Summary

Sunday, February 27, 2011

8:00 am - 9:00 am	Continental Breakfast	Commonwealth Foyer
8:30 am - 9:30 am	Workshop Session 9 (Page 26) Collegiate EMS Leadership Strategy Grat, I've Taken ICS Funny Fumes and Glowing Goo: HAZMAT and You Therapeutic Hypothermia after Cardiac Arrest Essential EMS Documentation: What's The Worst That Could Happen? Is Leadership in the GPS? Breaking Down the Walls: Physio Control EMS Skills Competition Review Skills Lab: Hands-On ALS Assist for the BLS Provider	Washington A Washington B Washington C Commonwealth B Commonwealth C Commonwealth D Congress A Congress B Congress C Tubman
9:40 am - 10:40 am	Workshop Session 10 (Page 27) The 'S' Word: Never Be Called a Student Again Planes, Trains, and Ambulances: Terrorists Use Them All Chaos: Controlling the First Few Minutes of an MCI How Should I Do CPR? The Medical Examiner Current Concepts in Pre-Hospital Burn Care Safer Ambulances Collegiate EMS and Law Enforcement Your Online Presence and Why It Matters Skills Lab: HazMat Tabletop Roundtable: Making the Case:	Washington A Washington B Washington C Commonwealth B Commonwealth C Commonwealth D Congress A Congress B Congress C Anthony Commonwealth A1
10:50 am - 11:50 am	Workshop Session 11 (Page 29) ALS for BLS: What's that Medic Doing to My Patient So the President's Coming to Campus: EMS Strike Team Management "Cajun Style" Spinal Injuries Issues & Pitfalls Surrounding Tactical Medical Programs Deadly Sins of EMS Fireground Rehabilitation Helicopter Safety Personal Disaster Preparedness for the First Responder Skills Lab: MCI Tabletop Roundtable: Disaster Preparedness	Washington A Washington B Washington C Commonwealth B Commonwealth C Commonwealth D Congress A Congress B Congress C Anthony Commonwealth A1
12:00 pm - 12:45 pm	Conference Wrap-Up	Commonwealth B



Schedule Summary

Saturday, February 26, 2011 (Continued)

12:30 pm - 1:30 pm	Lunch	
1:30 pm - 2:30 pm	Workshop Session 6 (Page 16) Prehospital Ultrasound Application Toxicology 201 Controversies in Aeromedical Transport Asthma and Anaphylaxis Controversies in Spinal Immobilization Penetrating Abdominal Trauma Building the Quality in Quality Assurance Dangers in Suicide The Importance of Pre-Planning in Event Medical Response Skills Lab: STEMI Skills Lab: ALS Skill Review - Cricothyrotomy Skills Lab: Simulation Roundtable: Financing	Washington A Washington B Washington C Commonwealth B Commonwealth C Commonwealth D Congress A Congress B Congress C Adams Anthony Tubman Commonwealth A1
2:40 pm - 3:40 pm	Workshop 7 (Page 18) Positional Asphyxia While In Custody Clinical Effects of Frequently Abused Drugs Poor Prognostic Indicators: Critical Thinking in EMS Ballistics and Forensics: Understanding the Basics The Israeli Experience: Lessons for the Campus-Based EMS Provider Sense and Sensitivity Communicating with the Autistic: Precious Cargo: Kids in Transport Experience, Judgment and Professionalism Skills Lab: Simulation Skills Lab: Ultrasound Roundtable: Recruitment and Retention Roundtable: QA/CQI	Washington A Washington B Washington C Commonwealth B Commonwealth C Commonwealth D Congress A Congress B Congress C Tubman Adams Commonwealth A1 Commonwealth A2
3:40 pm - 3:55 pm	Snack Break	Regency Foyer
3:55 pm - 4:55 pm	Workshop 8 (Page 20) A Weighty Issue Altitude Medicine Less Lethal Force There's No Vaccine for Stupid Interesting Prehospital Cases Neck Injuries: It's not just about C-Spine The Four R's of Volunteerism Collegiate EMS and the Community From EMS to EMA: A Primer in Emergency Management Skills Lab: Hands-On ALS Assist for the BLS Provider Skills Lab: Basic EMS Bicycle Maintenance Skills Lab: Ultrasound Roundtable: Training Roundtable: Ethics	Washington A Washington B Washington C Commonwealth B Commonwealth C Commonwealth D Congress A Congress B Congress C Tubman Anthony Adams Commonwealth A1 Commonwealth A2
5:00 pm - 6:00 pm	General Session - Major John P. Pryor, MD Memorial Lecture	Regency
6:00 pm - 7:00 pm	NCEMSF Leadership Presentation, Business Meeting and Awards Presentations	Regency
7:00 pm - 8:30 pm	Alumni Social and Networking Event	Commonwealth Foyer
10:00 pm - 2:00 am	NCEMSF Club and Casino	Millennium

(Sunday on Previous Page)

Schedule Summary

Friday, February 25, 2011

4:00 pm - 11:00 pm	Conference Check-in	Millennium Foyer
5:00 pm - 10:00 pm	Physio Control EMS Skills Competition	Third Floor
6:00 pm - 6:50 pm	How to Make the Most of the Conference Experience	Commonwealth B
7:00 pm - 8:00 pm	Workshop Session 1 (Page 7) Give Me Just a Second: Second to Minute Emergencies The Intoxicated Patient EMS Mythology	Commonwealth B Commonwealth C Commonwealth D
8:10 pm - 9:10 pm	Workshop Session 2 (Page 7) Let's Get Ready to Rumble...Surviving the EMS Assault Good Hazing Gone Bad Crossing the Mine Fields: Catapulting EMS to the Next Realm	Commonwealth B Commonwealth C Commonwealth D
9:00 pm - 1:00 am	Welcome Social	Millennium
11:00pm - 1:00 am	EMS as a Spectator Sport	

Saturday, February 26, 2011

7:15 am - 8:30 am	Continental Breakfast	Regency Foyer
7:45 am - 8:30 am	Group Introductions/Meet & Greet	Regency
8:30 am - 9:15 am	General Session - Hot Topics in EMS	Regency
9:25 am - 10:25 am	Workshop Session 3 (Page 9) Get your Rig up to Speed: Ultrasound use in Trauma The Nuts and Bolts of Medical Simulation Basic and Advanced Airway Management Review Essentials of STEMI Recognition "You're Bleeding from Where?" Obstetrical Emergencies Acute Spinal Cord Injury "I didn't sign up for THIS!" Massachusetts Ethics Scandal Skills Lab: Moving, Lifting and Transporting in the Wilderness Roundtable: Startup Roundtable: Administrator/Advisor/Medical Director	Washington A Washington B Washington C Commonwealth B Commonwealth C Commonwealth D Congress A Congress B Congress C Adams Commonwealth A1 Commonwealth A2
10:35 am - 11:35 am	Workshop Session 4 (Page 11) Abdominal Aortic Aneurysms and the Role of Ultrasound Deadly Mistakes in the Altered Mental Status Patient "You Don't Need to be MacGyver to Treat Children!" Capnography What the @#\$% Am I Supposed to Do With That? The Good, Bad, and the Lifesaving - Tourniquets Water Rescue Emergency Response for EMS Agencies Is that Allowed? Texts, Tweets and Blogs: Skills Lab: Improvisational Splinting Skills Lab: Advanced Airway Management for the EMT-B Skills Lab: Simulation Roundtable: Expanding Your Level of Service Roundtable: Carving a Creative Niche for Yourself	Washington A Washington B Washington C Commonwealth B Commonwealth C Commonwealth D Congress A Congress B Congress C Adams Anthony Tubman Commonwealth A1 Commonwealth A2
11:45 am - 12:30 pm	Workshop Session 5 (Page 13) Richard W. Vomacka Student Speaker Competition Organizational Preparedness in the Absence of Experience Event Medicine - Creating a Safer College Campus The Collegiate ABCs: Amphetamines, Blunts, and Caffeine Nifty & Thrifty: Making the Most of Your Campus Resources Public Access Defibrillation (PAD) on Your Campus If We Share the Same Goal, Why Are We Fighting? Getting Out of - the Back of the Bus Nuts and Bolts of Research Design & Execution in EMS Regional Roundtable Discussions	Washington A Washington B Washington C Congress A Congress B Congress C Commonwealth C Commonwealth D

(Continued on Inside Back Cover)